

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091222\
 Data File : VY010447.D
 Acq On : 12 Sep 2022 16:29
 Operator : KP/MD
 Sample : N3980-02 5.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022 5.0PPB

Quant Time: Sep 13 05:27:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 05:24:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	198675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	325418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	290399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113045	56.495	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.980%			
35) Dibromofluoromethane	7.709	113	106622	46.134	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.260%			
50) Toluene-d8	10.172	98	399588	53.348	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.700%			
62) 4-Bromofluorobenzene	12.477	95	136406	39.685	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	8941	5.874	ug/l	94
3) Chloromethane	2.107	50	14753	6.609	ug/l	97
4) Vinyl Chloride	2.241	62	16879	6.129	ug/l	97
5) Bromomethane	2.637	94	11797	6.115	ug/l	96
6) Chloroethane	2.783	64	11231	6.097	ug/l	99
7) Trichlorofluoromethane	3.113	101	20264	5.809	ug/l	92
8) Diethyl Ether	3.521	74	6778	6.000	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	11718	5.738	ug/l	95
10) Methyl Iodide	4.082	142	11525	4.560	ug/l	92
11) Tert butyl alcohol	4.942	59	6075	22.477	ug/l	100
12) 1,1-Dichloroethene	3.856	96	11396	5.948	ug/l	88
13) Acrolein	3.722	56	4938	25.868	ug/l	96
14) Allyl chloride	4.466	41	17162	6.220	ug/l	96
15) Acrylonitrile	5.149	53	16329	29.858	ug/l	98
16) Acetone	3.942	43	13965	30.411	ug/l #	82
17) Carbon Disulfide	4.180	76	29443	5.683	ug/l	100
18) Methyl Acetate	4.472	43	11013	7.796	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	30935	5.847	ug/l	99
20) Methylene Chloride	4.698	84	39210	13.991	ug/l	85
21) trans-1,2-Dichloroethene	5.204	96	12333	5.669	ug/l	88
22) Diisopropyl ether	6.106	45	36885	5.988	ug/l	94
23) Vinyl Acetate	6.045	43	100014	26.496	ug/l	96
24) 1,1-Dichloroethane	6.008	63	22838	6.124	ug/l	99
25) 2-Butanone	6.978	43	20733	28.410	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	19558	5.496	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	14376	5.685	ug/l	90
28) Bromochloromethane	7.325	49	8360	6.992	ug/l	90
29) Tetrahydrofuran	7.337	42	13315	29.234	ug/l	89
30) Chloroform	7.496	83	23595	5.965	ug/l	96
31) Cyclohexane	7.776	56	22391	6.624	ug/l #	76
32) 1,1,1-Trichloroethane	7.697	97	21313	5.951	ug/l	97
36) 1,1-Dichloropropene	7.911	75	17187	5.432	ug/l	97
37) Ethyl Acetate	7.069	43	9935	5.973	ug/l	96
38) Carbon Tetrachloride	7.892	117	18784	5.336	ug/l	97
39) Methylcyclohexane	9.173	83	20847	5.284	ug/l	90
40) Benzene	8.154	78	50093	5.500	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	4038	4.247	ug/l #	66
42) 1,2-Dichloroethane	8.228	62	15218	5.619	ug/l	93
43) Isopropyl Acetate	8.264	43	16028	5.266	ug/l #	87
44) Trichloroethene	8.935	130	13898	5.184	ug/l	89
45) 1,2-Dichloropropane	9.209	63	12611	5.677	ug/l	98
46) Dibromomethane	9.294	93	7217	5.388	ug/l	96
47) Bromodichloromethane	9.490	83	18214	5.724	ug/l	98
48) Methyl methacrylate	9.288	41	7175	5.248	ug/l #	85
49) 1,4-Dioxane	9.288	88	1845	104.046	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	43639	26.137	ug/l	94
52) Toluene	10.239	92	31899	5.352	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	17350	5.299	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	19766	5.352	ug/l	89
55) 1,1,2-Trichloroethane	10.636	97	9963	5.229	ug/l	94
56) Ethyl methacrylate	10.508	69	12470	4.983	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	17413	5.496	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	32651	38.354	ug/l	95
59) 2-Hexanone	10.831	43	28021	24.621	ug/l	90
60) Dibromochloromethane	10.983	129	12248	5.260	ug/l	99
61) 1,2-Dibromoethane	11.081	107	9814	5.306	ug/l	98
64) Tetrachloroethene	10.715	164	13406	5.122	ug/l	95
65) Chlorobenzene	11.514	112	34189	5.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	12728	5.292	ug/l	97
67) Ethyl Benzene	11.587	91	59754	5.199	ug/l	100
68) m/p-Xylenes	11.696	106	45133	10.002	ug/l	98
69) o-Xylene	12.026	106	21635	5.021	ug/l	94
70) Styrene	12.044	104	35354	4.848	ug/l	97
71) Bromoform	12.202	173	7419	4.934	ug/l #	100
73) Isopropylbenzene	12.324	105	57921	5.330	ug/l	100
74) N-amyl acetate	12.142	43	13334	5.259	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	11520	5.668	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	6916m	4.500	ug/l	
77) Bromobenzene	12.605	156	13769	5.348	ug/l	97
78) n-propylbenzene	12.672	91	70701	5.495	ug/l	99
79) 2-Chlorotoluene	12.751	91	39834	5.511	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	49972	5.451	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	3698	5.342	ug/l	93
82) 4-Chlorotoluene	12.849	91	41096	5.465	ug/l	98
83) tert-Butylbenzene	13.074	119	42784	5.339	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	48766	5.436	ug/l	99
85) sec-Butylbenzene	13.251	105	63259	5.331	ug/l	99
86) p-Isopropyltoluene	13.367	119	50794	5.061	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	27485	5.316	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	27363	5.345	ug/l	95
89) n-Butylbenzene	13.696	91	47600	5.225	ug/l	99
90) Hexachloroethane	13.958	117	10896	5.782	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	24388	5.326	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1942	5.660	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	13885	4.882	ug/l	98
94) Hexachlorobutadiene	15.110	225	8784	5.119	ug/l	100
95) Naphthalene	15.232	128	25444	4.536	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	11544	4.650	ug/l	97

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LOQ-SOIL-02-QT3-2022 5.0PPB

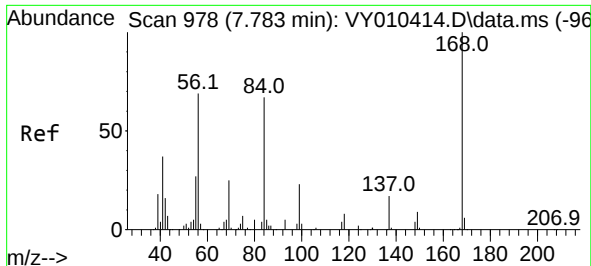
Quant Time: Sep 13 05:27:07 2022
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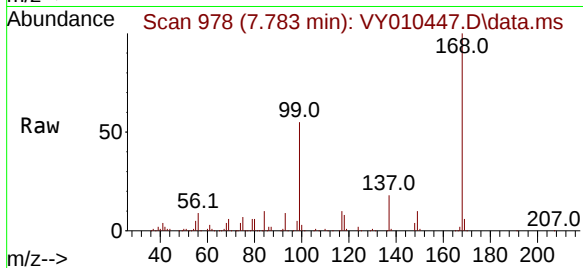
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010447.D
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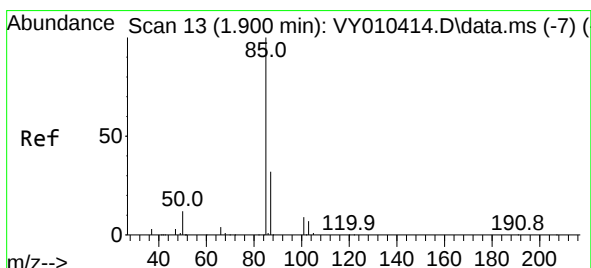
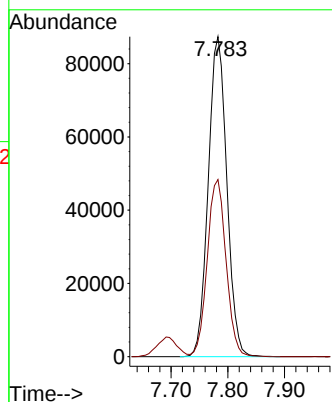
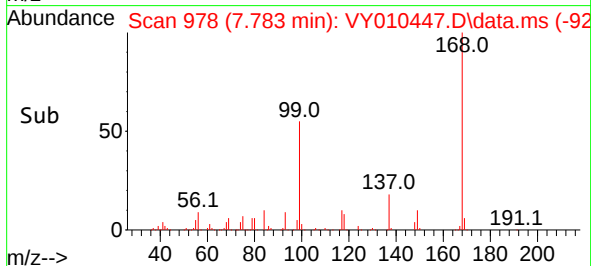
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



Tgt Ion:168 Resp: 19867
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3

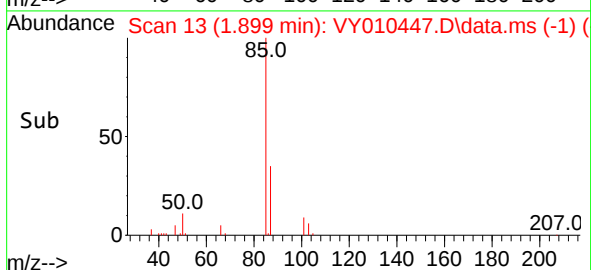
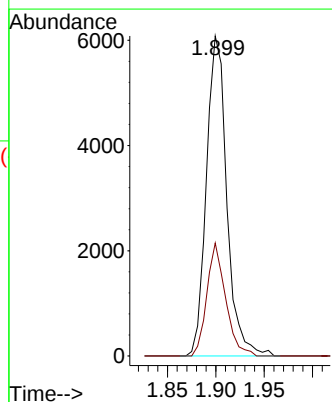
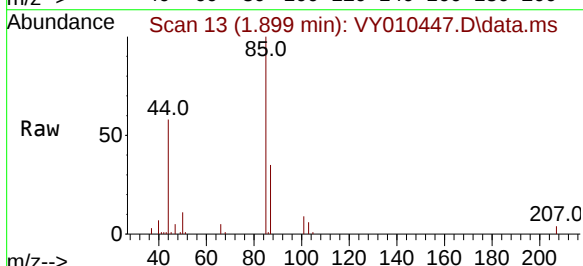
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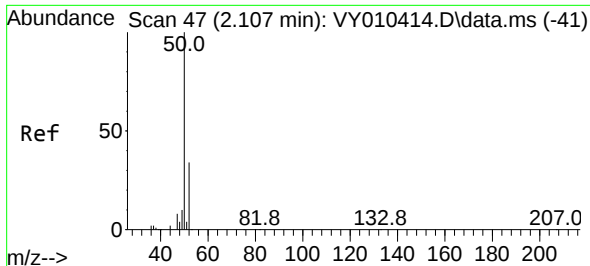
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#2
Dichlorodifluoromethane
Concen: 5.874 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

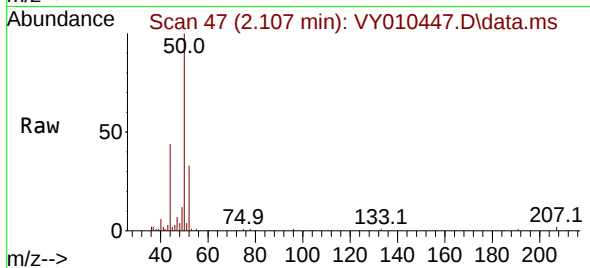
Tgt Ion: 85 Resp: 8941
Ion Ratio Lower Upper
85 100
87 35.3 16.1 48.2





#3
Chloromethane
Concen: 6.609 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

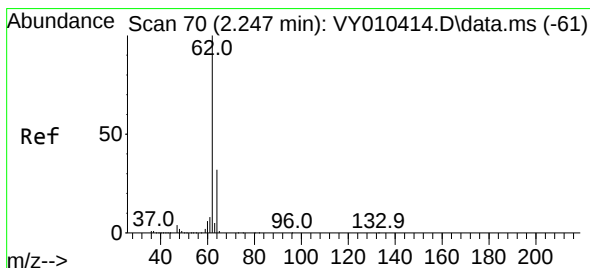
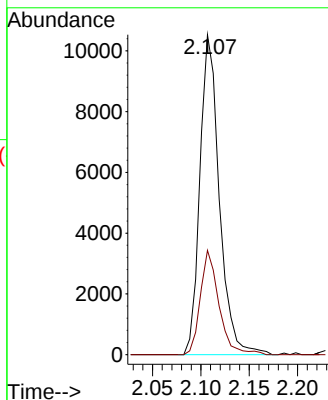
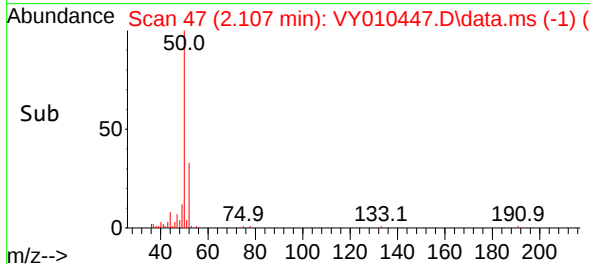
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



Tgt Ion: 50 Resp: 1475
Ion Ratio Lower Upper
50 100
52 32.6 24.6 37.0

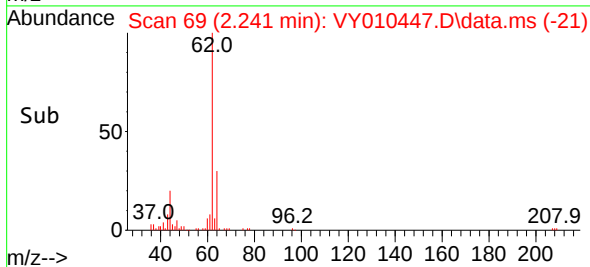
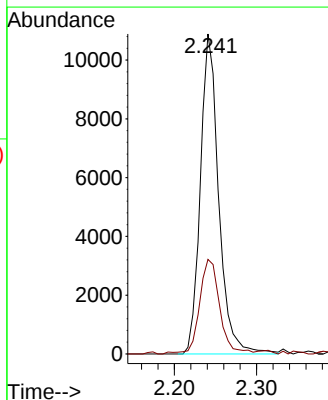
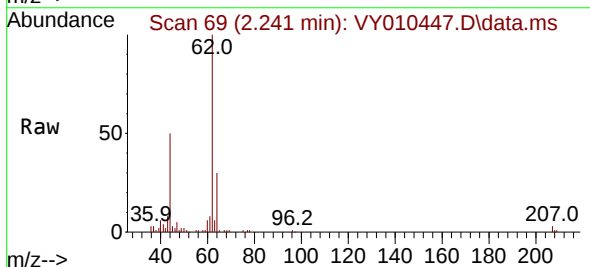
Manual Integrations
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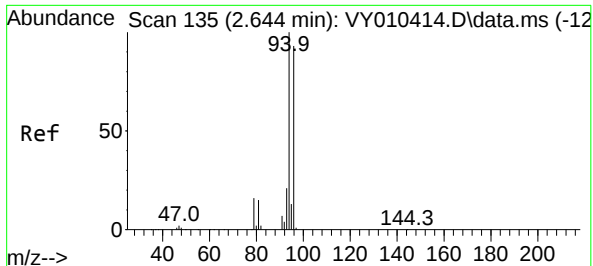
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#4
Vinyl Chloride
Concen: 6.129 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion: 62 Resp: 16879
Ion Ratio Lower Upper
62 100
64 29.6 25.0 37.6





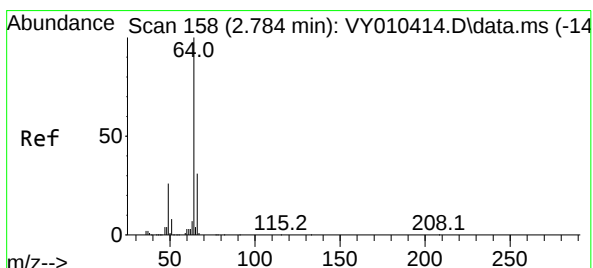
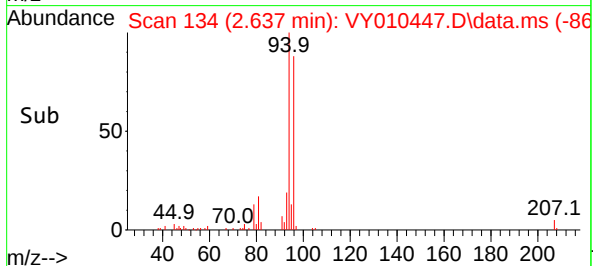
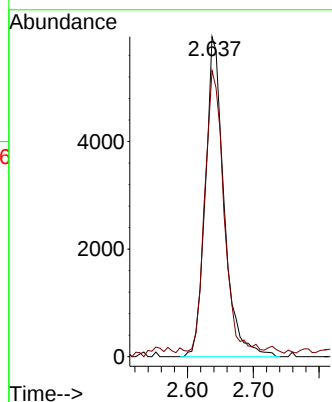
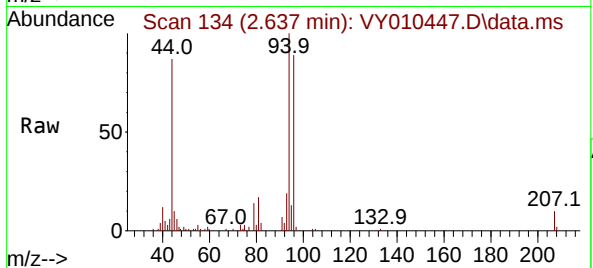
#5
Bromomethane
Concen: 6.115 ug/l
RT: 2.637 min Scan# 1179
Delta R.T. -0.007 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 94 Resp: 1179
Ion Ratio Lower Upper
94 100
96 87.8 73.5 110.3

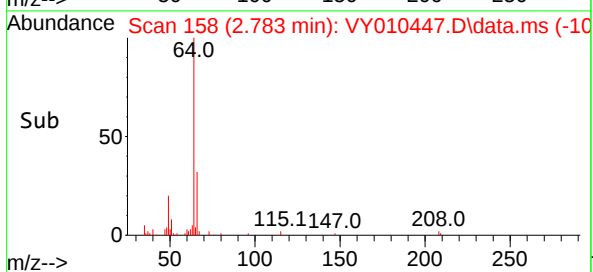
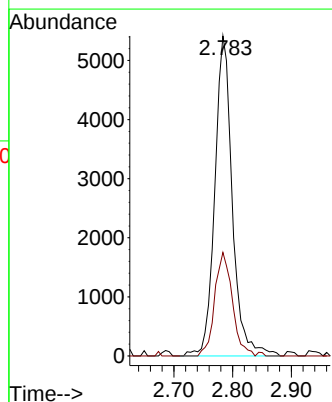
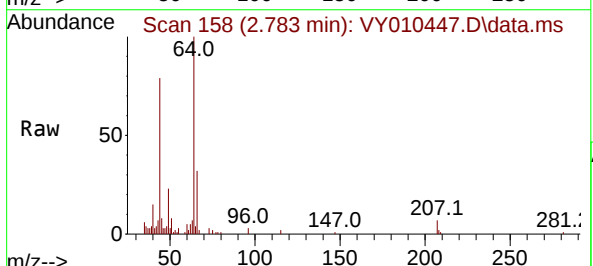
Manual Integrations
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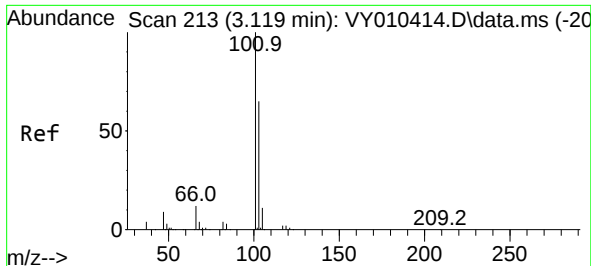
Reviewed By :Krupa Patel 09/13/2022
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#6
Chloroethane
Concen: 6.097 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

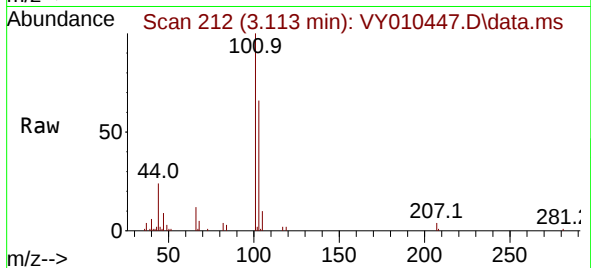
Tgt Ion: 64 Resp: 11231
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0





#7
Trichlorofluoromethane
Concen: 5.809 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

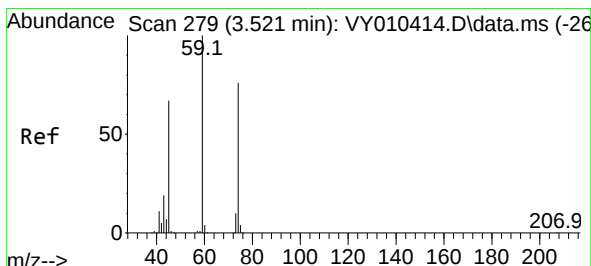
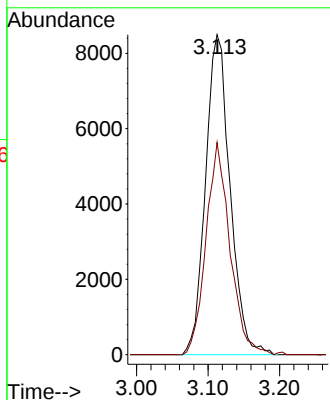
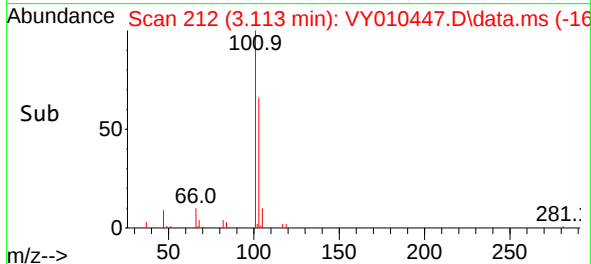
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



Tgt Ion:101 Resp: 20264
Ion Ratio Lower Upper
101 100
103 66.3 48.0 72.0

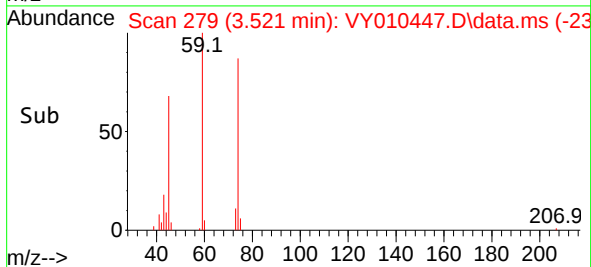
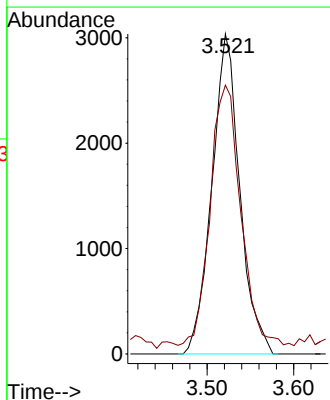
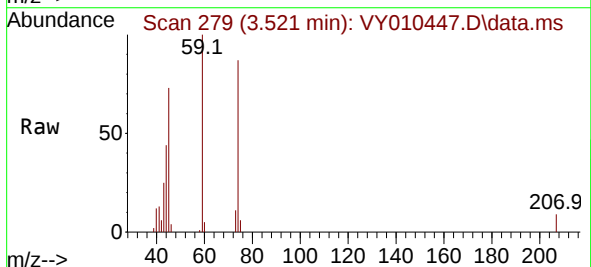
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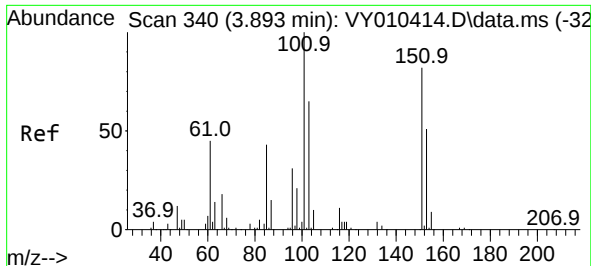
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#8
Diethyl Ether
Concen: 6.000 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion: 74 Resp: 6778
Ion Ratio Lower Upper
74 100
45 95.2 55.1 165.5





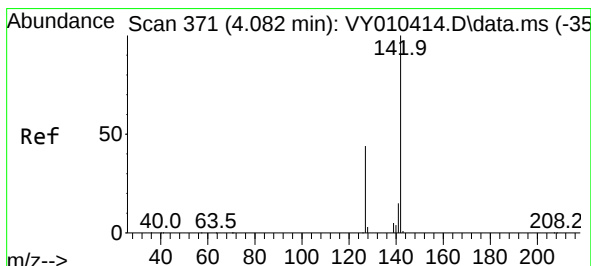
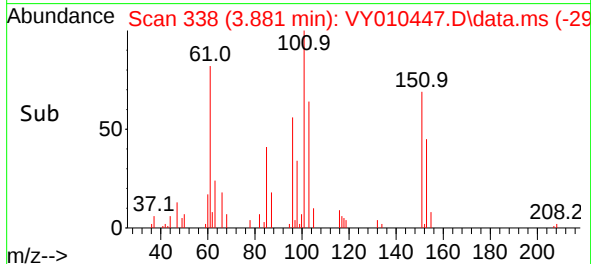
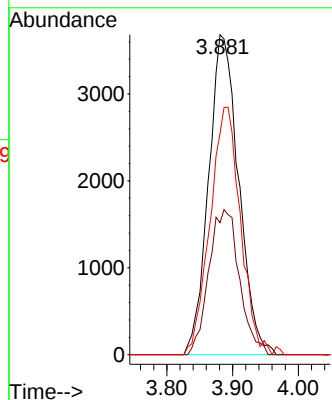
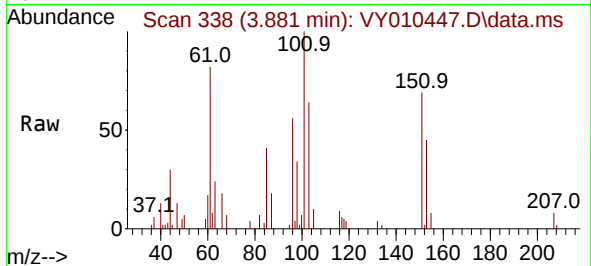
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.738 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion:101 Resp: 11718
Ion Ratio Lower Upper
101 100
85 46.0 40.6 60.8
151 78.0 64.9 97.3

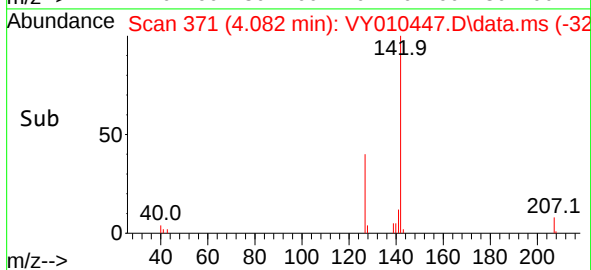
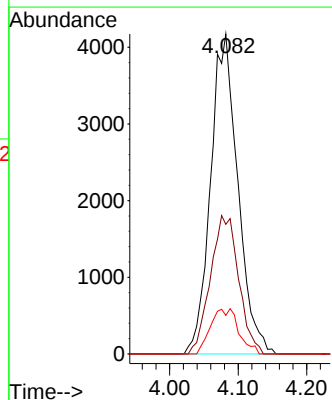
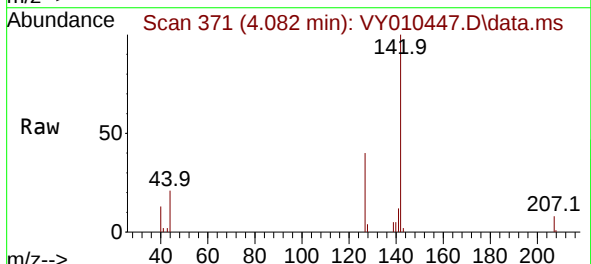
Manual Integrations
APPROVED

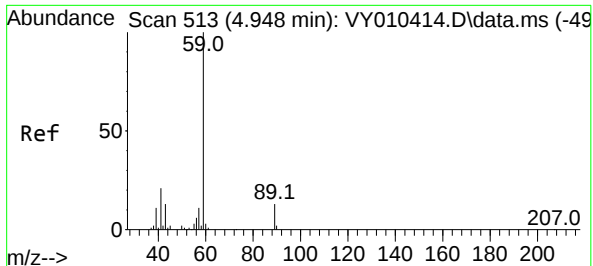
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#10
Methyl Iodide
Concen: 4.560 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion:142 Resp: 11525
Ion Ratio Lower Upper
142 100
127 44.8 41.5 62.3
141 14.6 11.9 17.9





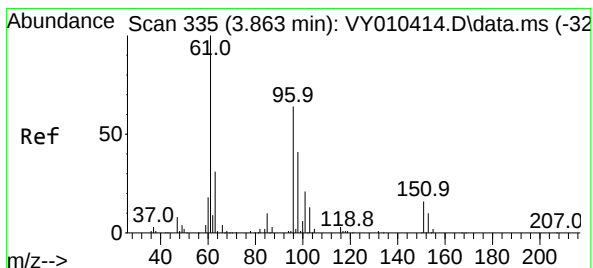
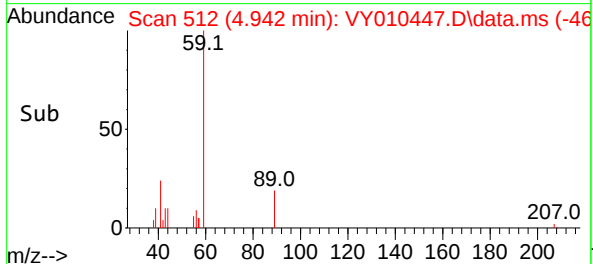
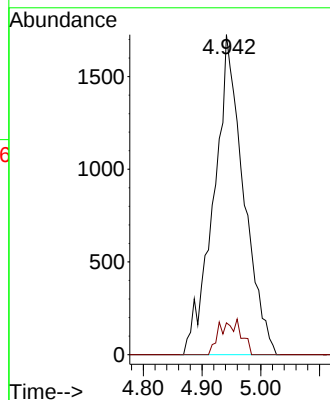
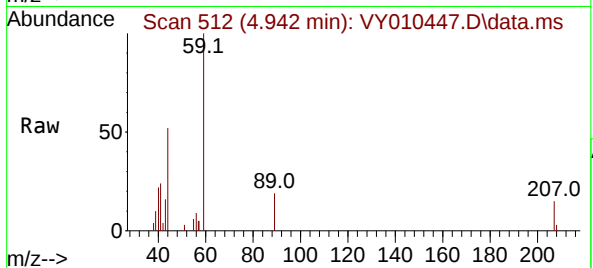
#11
Tert butyl alcohol
Concen: 22.477 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 59 Resp: 6075
Ion Ratio Lower Upper
59 100
57 7.9 6.4 9.6

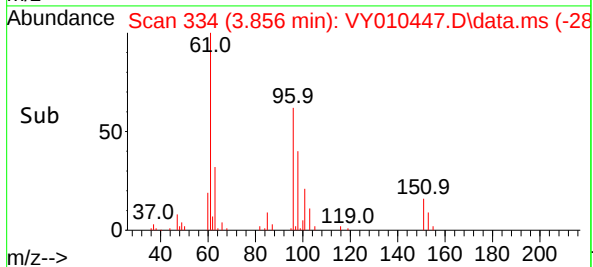
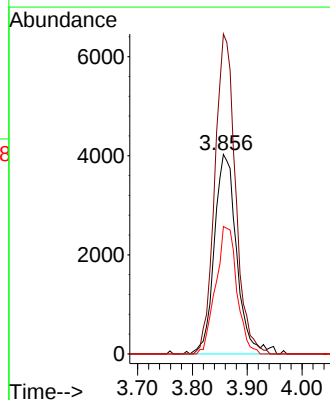
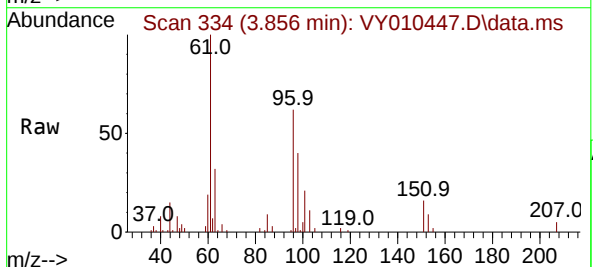
Manual Integrations
APPROVED

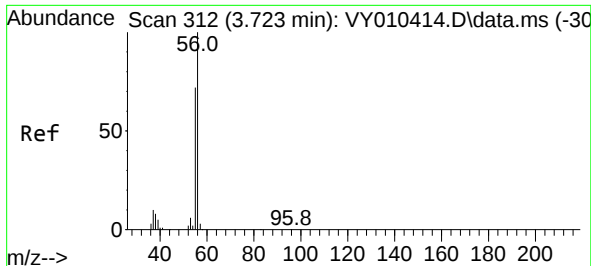
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#12
1,1-Dichloroethene
Concen: 5.948 ug/l
RT: 3.856 min Scan# 334
Delta R.T. -0.007 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion: 96 Resp: 11396
Ion Ratio Lower Upper
96 100
61 160.4 145.8 218.6
98 63.9 52.5 78.7





#13

Acrolein

Concen: 25.868 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.001 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 56 Resp: 4938

Ion Ratio Lower Upper

56 100

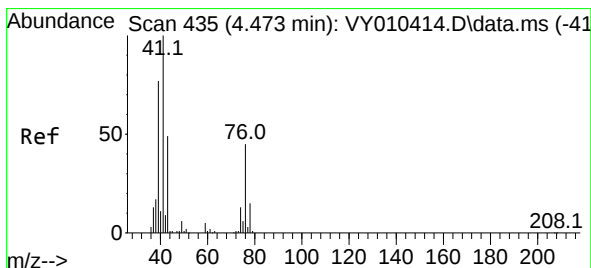
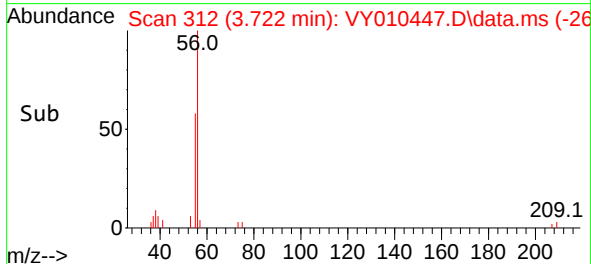
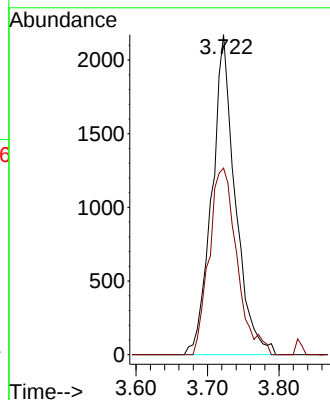
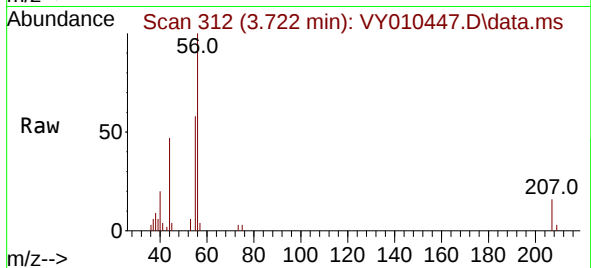
55 68.9 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#14

Allyl chloride

Concen: 6.220 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.007 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

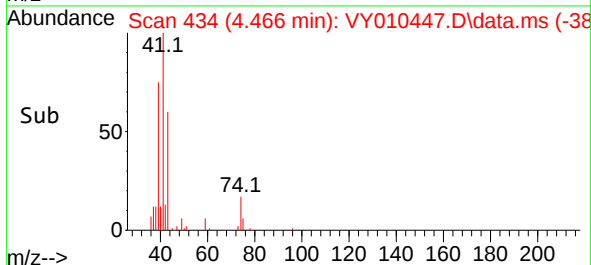
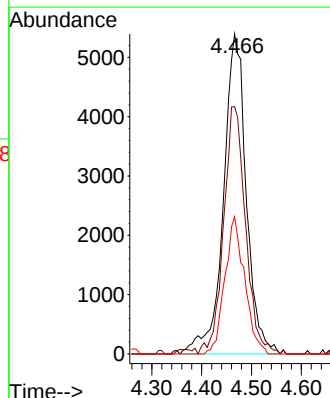
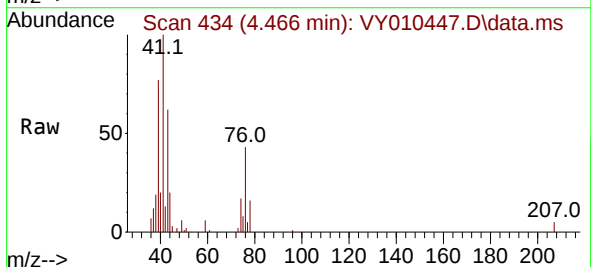
Tgt Ion: 41 Resp: 17162

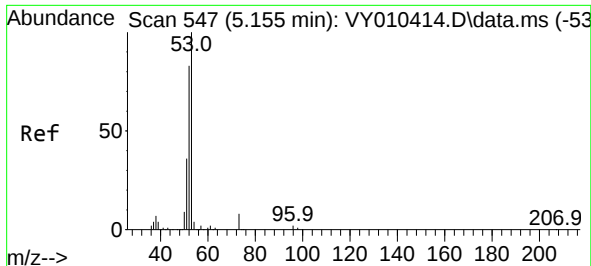
Ion Ratio Lower Upper

41 100

39 74.4 58.8 88.2

76 37.2 25.1 37.7





#15

Acrylonitrile

Concen: 29.858 ug/l

RT: 5.149 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY010447.D

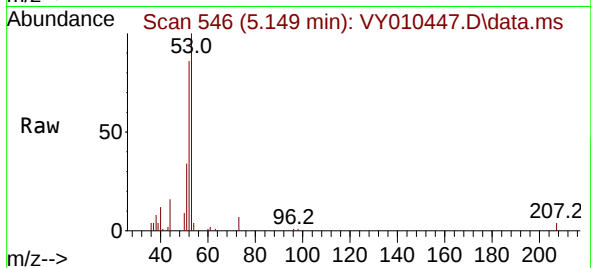
Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB



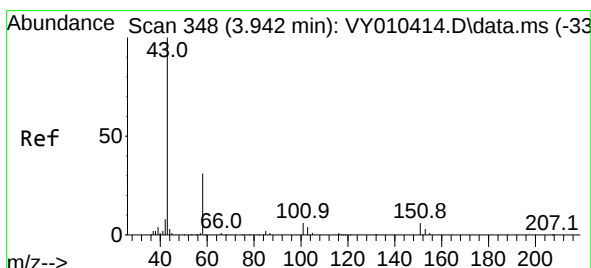
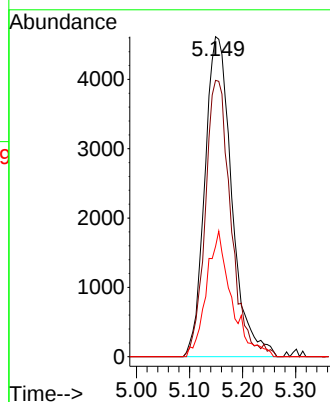
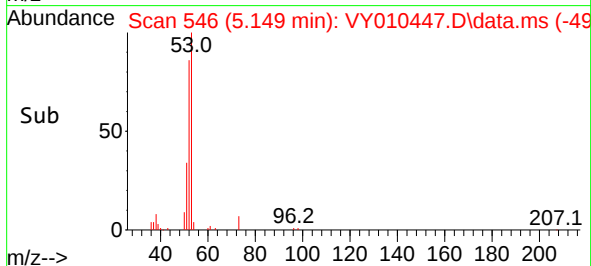
Tgt Ion:	53	Resp:	16329
Ion Ratio	100	Lower	Upper
52	81.8	67.0	100.4
51	36.7	29.8	44.6

Manual Integrations

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Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#16

Acetone

Concen: 30.411 ug/l

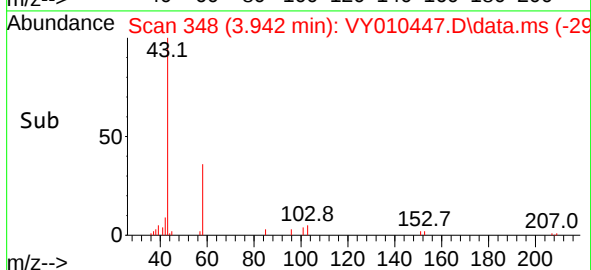
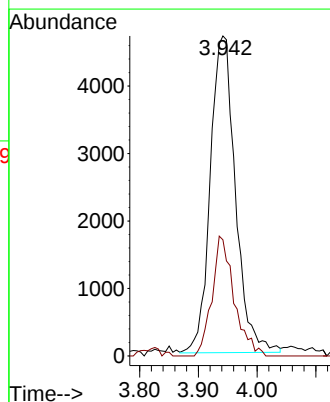
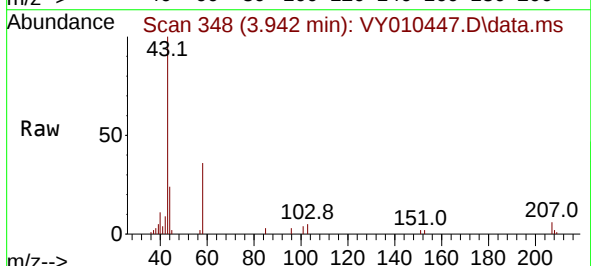
RT: 3.942 min Scan# 348

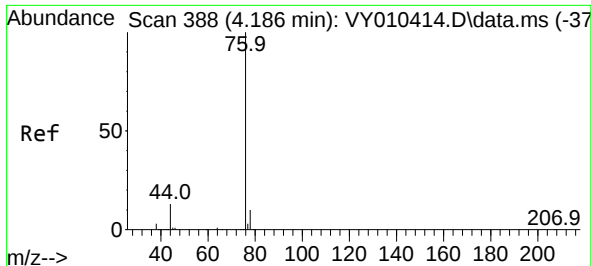
Delta R.T. -0.000 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

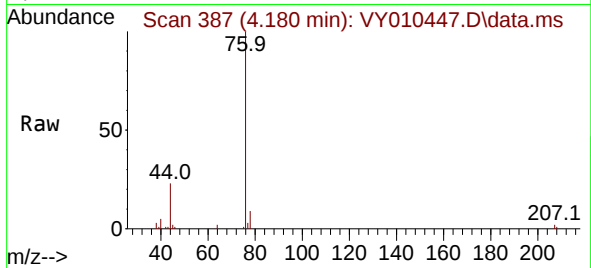
Tgt Ion:	43	Resp:	13965
Ion Ratio	100	Lower	Upper
58	36.7	22.0	33.0





#17
Carbon Disulfide
Concen: 5.683 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

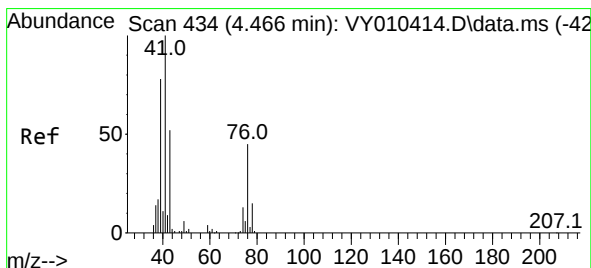
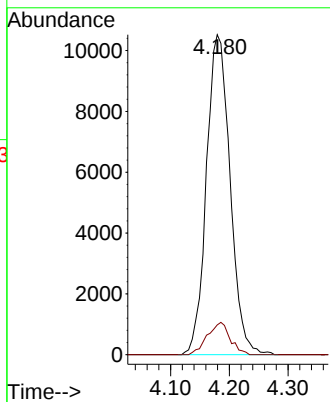
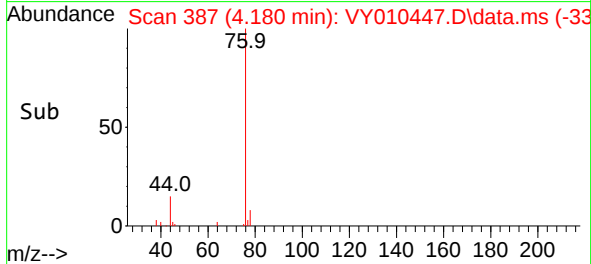
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



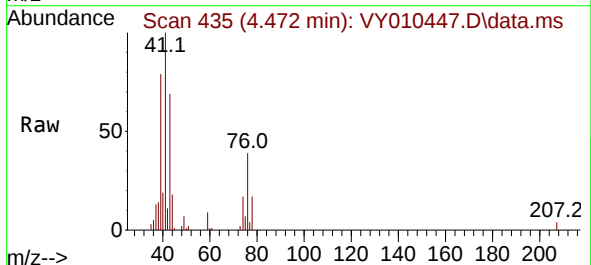
Tgt Ion: 76 Resp: 2944
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

Manual Integrations
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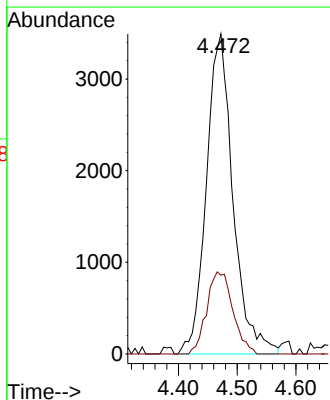
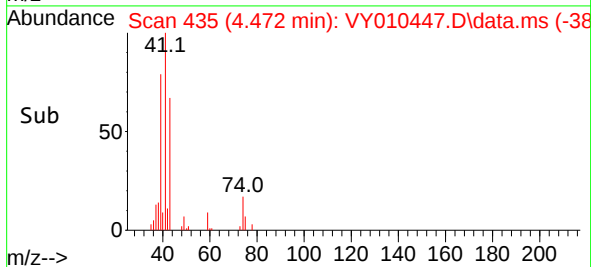
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

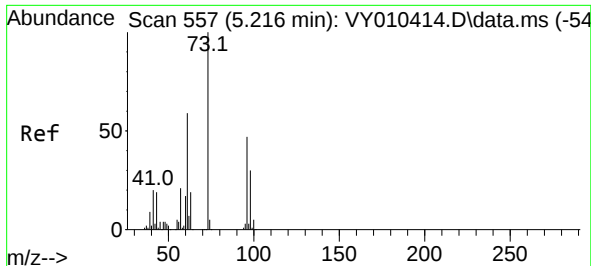


#18
Methyl Acetate
Concen: 7.796 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29



Tgt Ion: 43 Resp: 11013
Ion Ratio Lower Upper
43 100
74 25.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 5.847 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 73 Resp: 3093

Ion Ratio Lower Upper

73 100

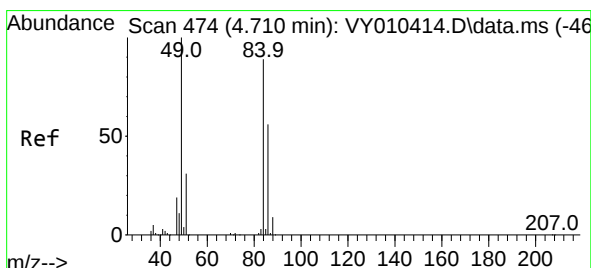
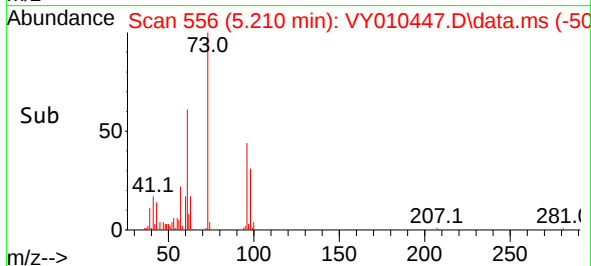
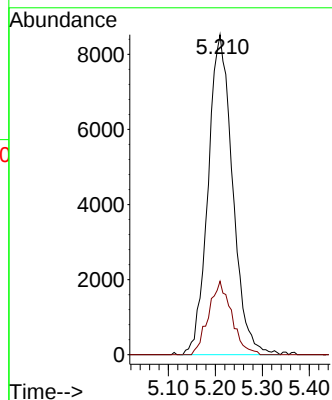
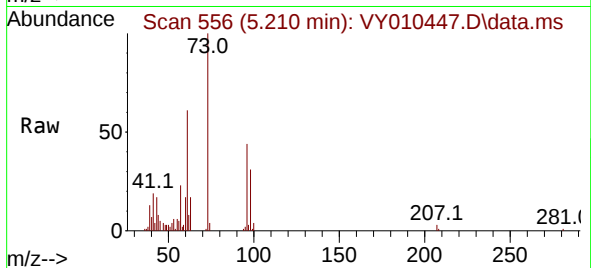
57 23.0 18.6 27.8

Manual Integrations

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Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#20

Methylene Chloride

Concen: 13.991 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.012 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Tgt Ion: 84 Resp: 39210

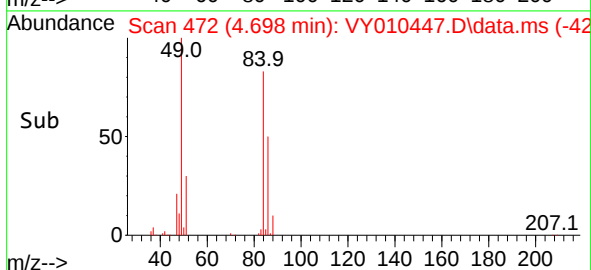
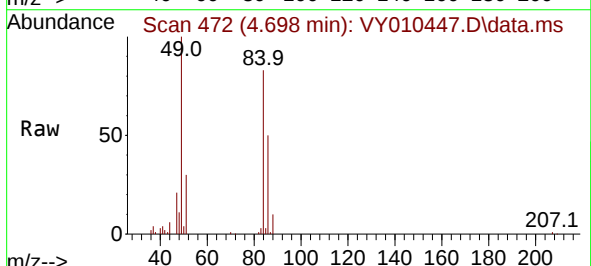
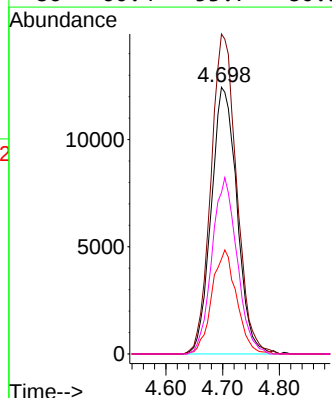
Ion Ratio Lower Upper

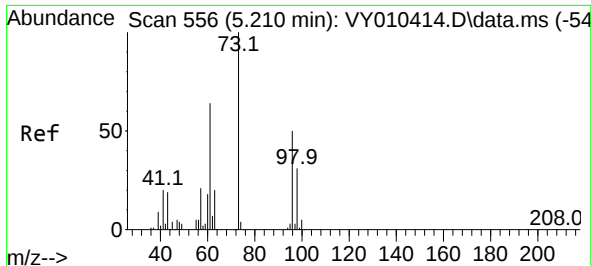
84 100

49 120.0 114.4 171.6

51 35.6 35.3 52.9

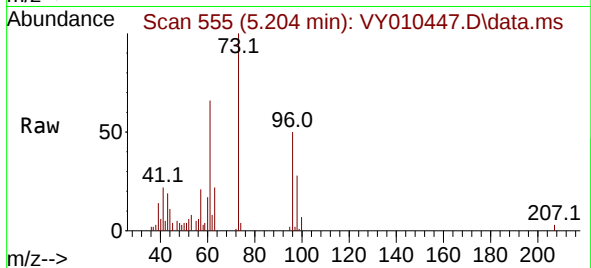
86 60.4 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 5.669 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

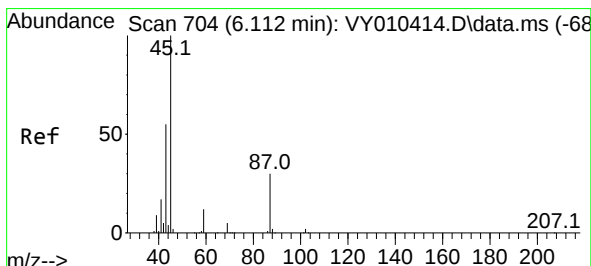
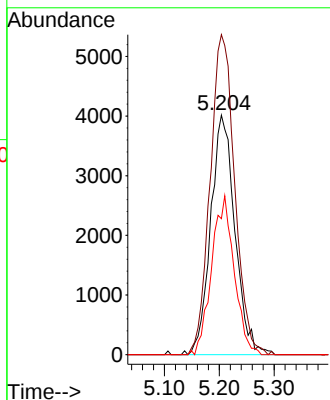
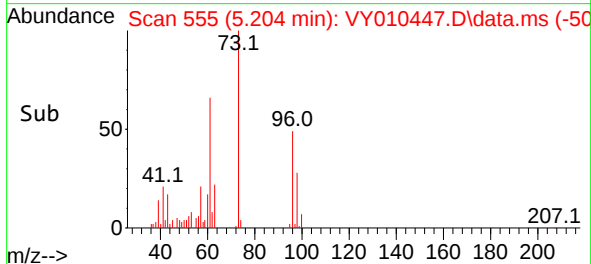
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2022 5.0PPB



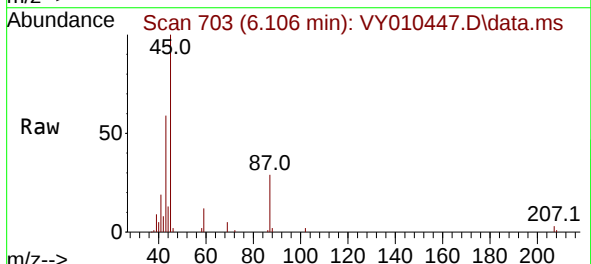
Tgt Ion: 96 Resp: 1233
Ion Ratio Lower Upper
96 100
61 133.6 120.5 180.7
98 56.8 49.8 74.8

Manual Integrations
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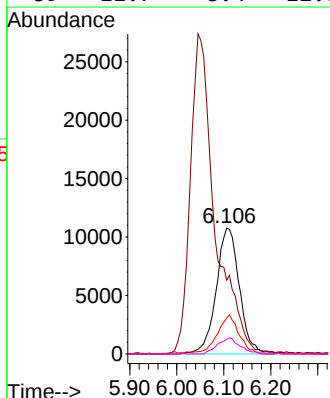
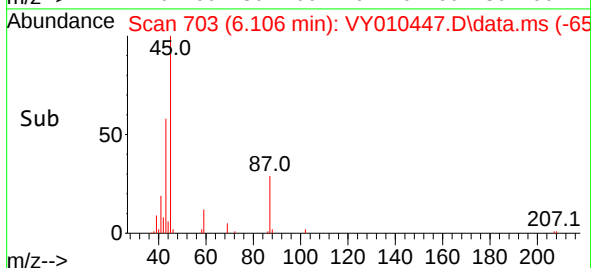
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

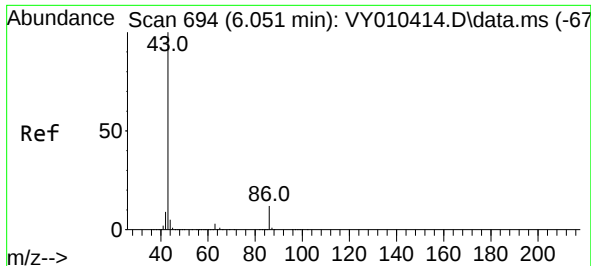


#22
Diisopropyl ether
Concen: 5.988 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29



Tgt Ion: 45 Resp: 36885
Ion Ratio Lower Upper
45 100
43 57.1 49.3 73.9
87 28.1 19.2 28.8
59 11.7 8.4 12.6





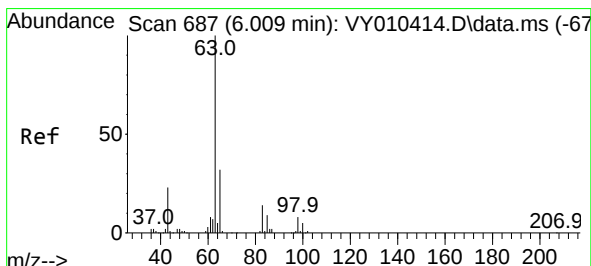
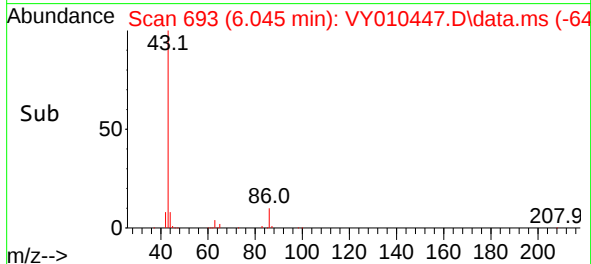
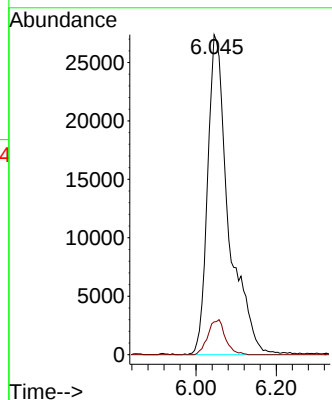
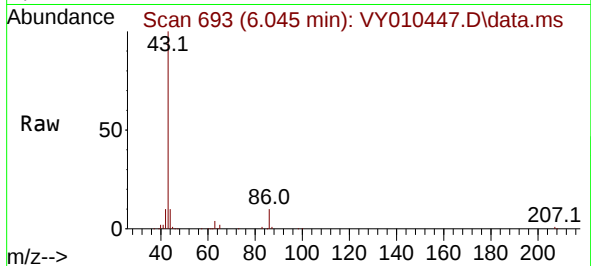
#23
 Vinyl Acetate
 Concen: 26.496 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY010447.D
 Acq: 12 Sep 2022 16:29

Instrument : MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 43 Resp: 100014
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.1 10.7

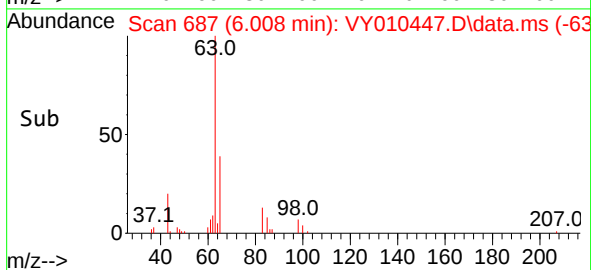
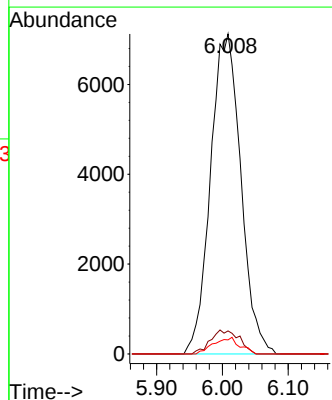
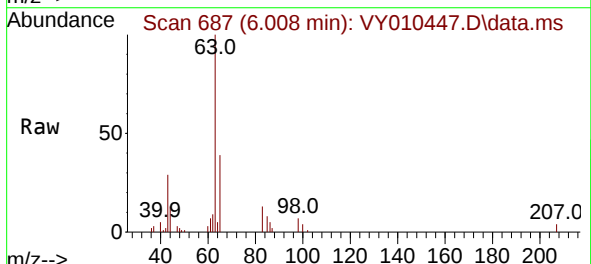
Manual Integrations
 APPROVED

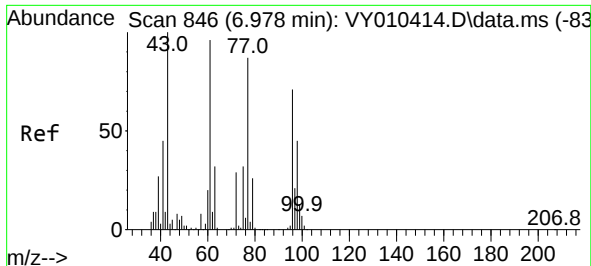
Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022



#24
 1,1-Dichloroethane
 Concen: 6.124 ug/l
 RT: 6.008 min Scan# 687
 Delta R.T. -0.001 min
 Lab File: VY010447.D
 Acq: 12 Sep 2022 16:29

Tgt Ion: 63 Resp: 22838
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 28.410 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 43 Resp: 2073

Ion Ratio Lower Upper

43 100

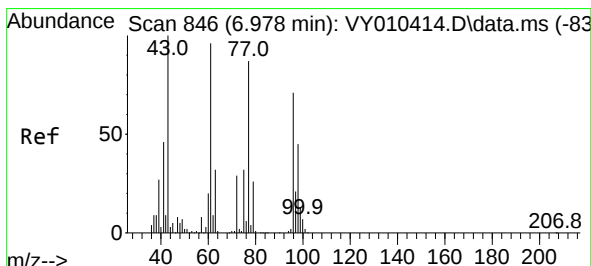
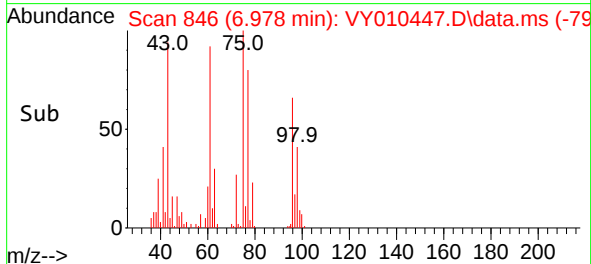
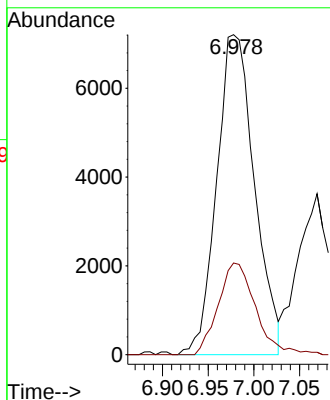
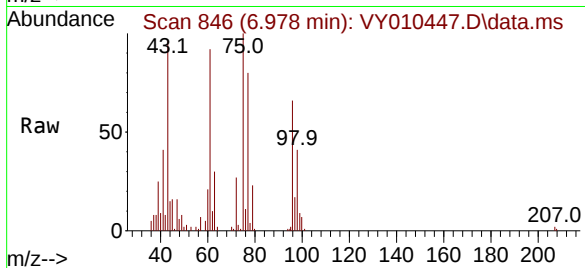
72 28.7 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#26

2,2-Dichloropropane

Concen: 5.496 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010447.D

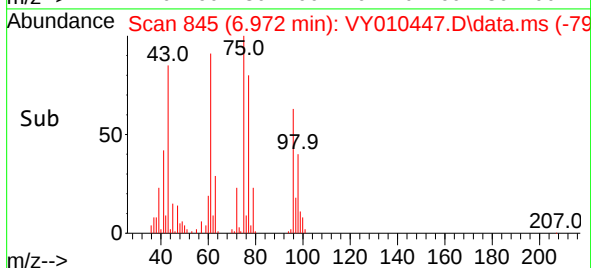
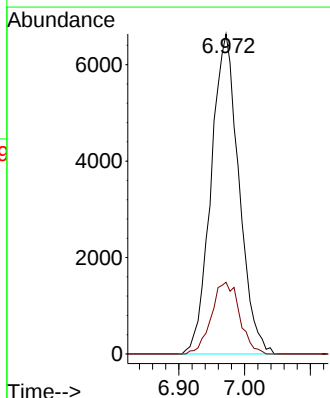
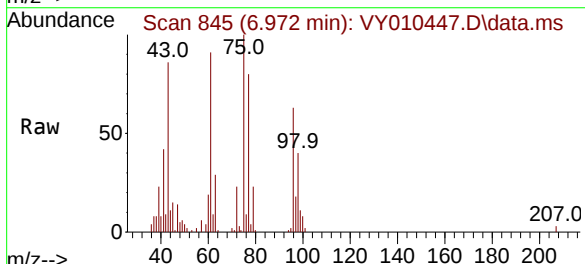
Acq: 12 Sep 2022 16:29

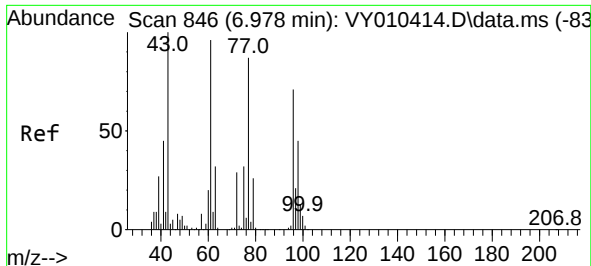
Tgt Ion: 77 Resp: 19558

Ion Ratio Lower Upper

77 100

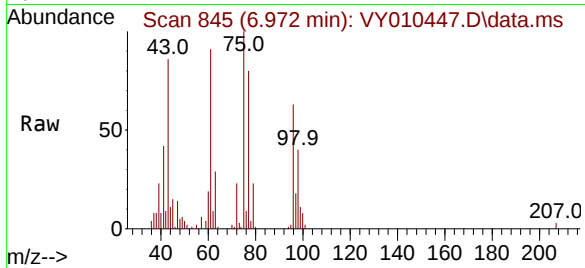
97 22.6 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 5.685 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY010447.D
 Acq: 12 Sep 2022 16:29

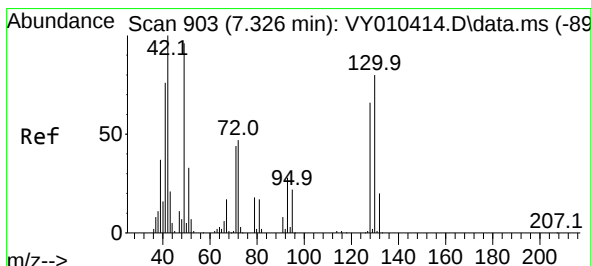
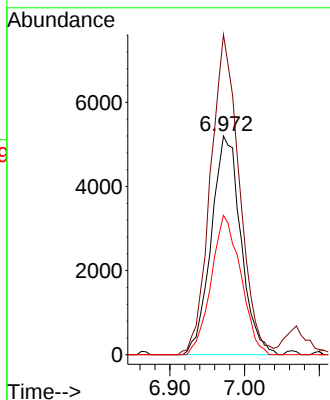
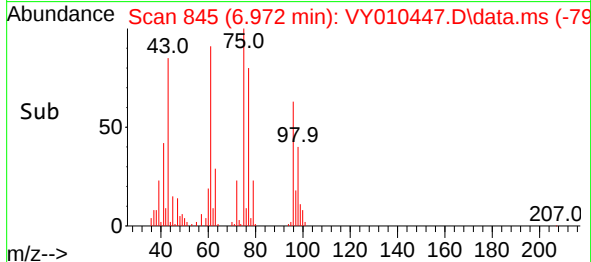
Instrument : MSVOA_Y
 ClientSampleId : LOQ-SOIL-02-QT3-2022 5.0PPB



Tgt Ion: 96 Resp: 14370
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 319.8
 98 63.4 0.0 127.0

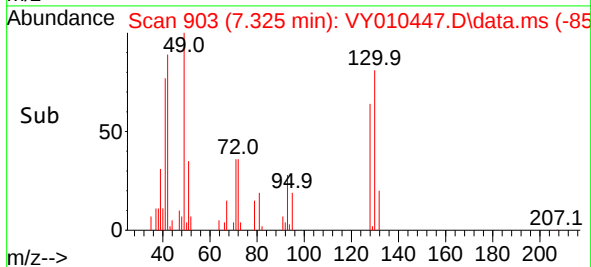
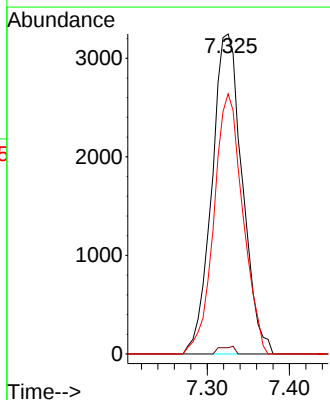
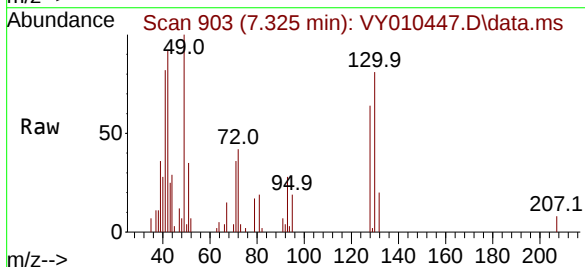
Manual Integrations
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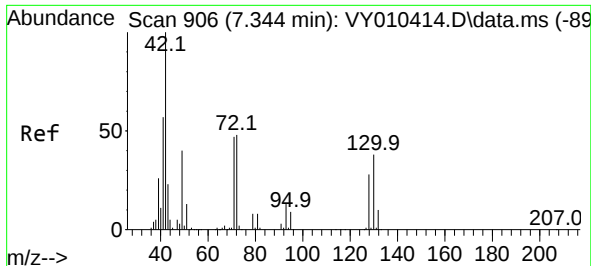
Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022



#28
 Bromochloromethane
 Concen: 6.992 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.001 min
 Lab File: VY010447.D
 Acq: 12 Sep 2022 16:29

Tgt Ion: 49 Resp: 8360
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 2.2
 130 77.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 29.234 ug/l

RT: 7.337 min Scan# 906

Delta R.T. -0.007 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

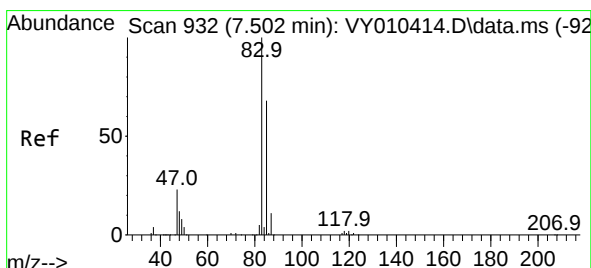
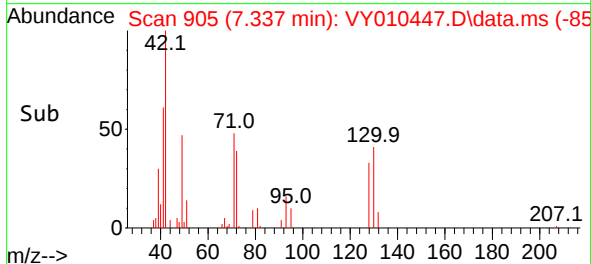
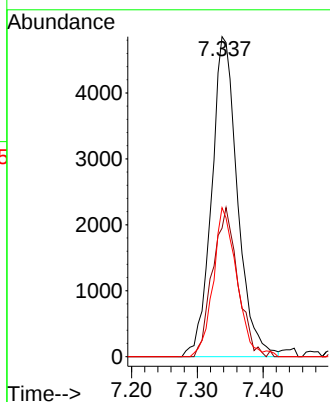
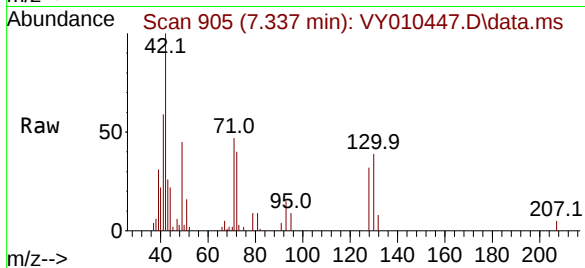
Tgt Ion:	42	Resp:	1331
Ion Ratio	Lower	Upper	
42	100		
72	45.1	30.3	45.5
71	42.5	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#30

Chloroform

Concen: 5.965 ug/l

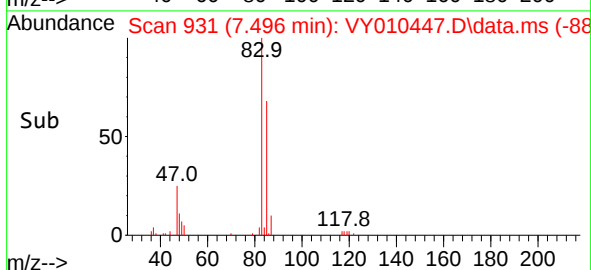
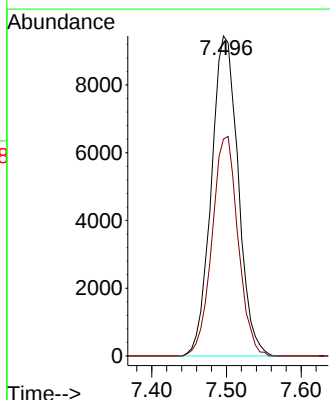
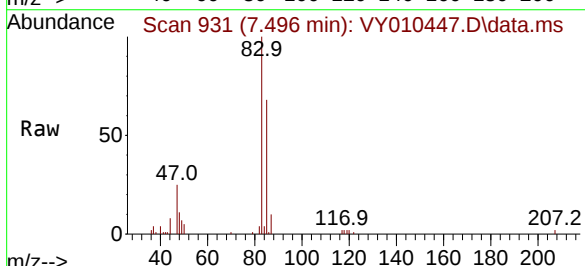
RT: 7.496 min Scan# 931

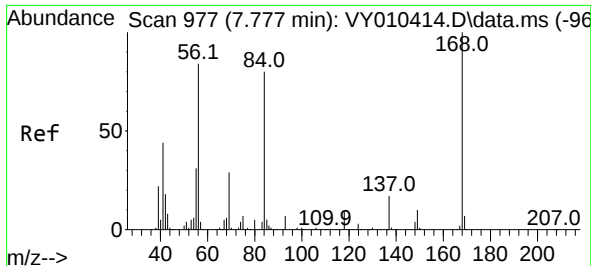
Delta R.T. -0.006 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

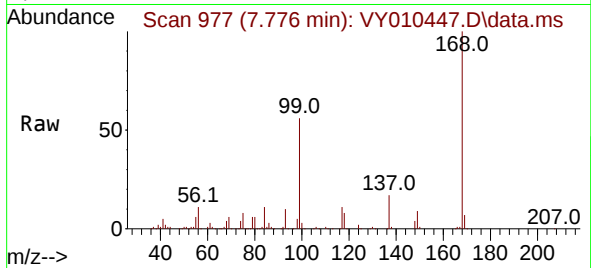
Tgt Ion:	83	Resp:	23595
Ion Ratio	Lower	Upper	
83	100		
85	67.8	51.8	77.6





#31
Cyclohexane
Concen: 6.624 ug/l
RT: 7.776 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

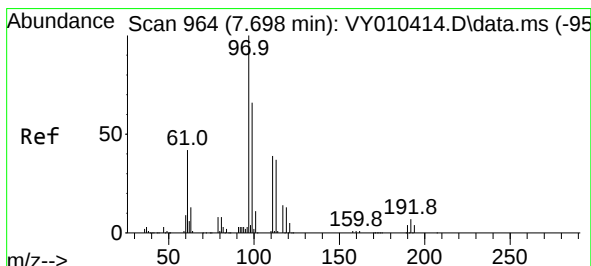
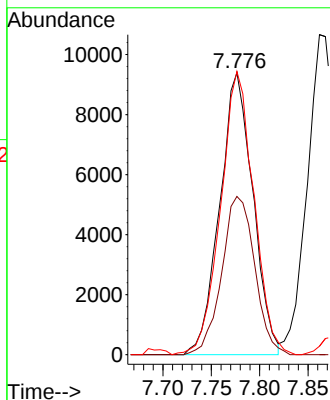
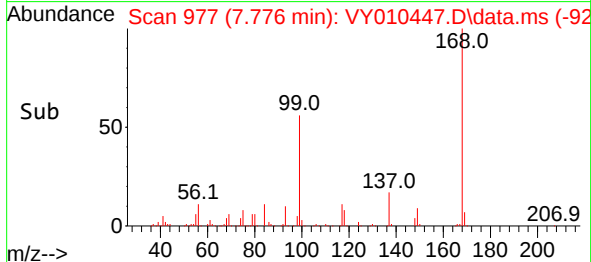
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



Tgt Ion: 56 Resp: 2239
Ion Ratio Lower Upper
56 100
69 56.1 26.7 40.1
84 99.9 67.2 100.8

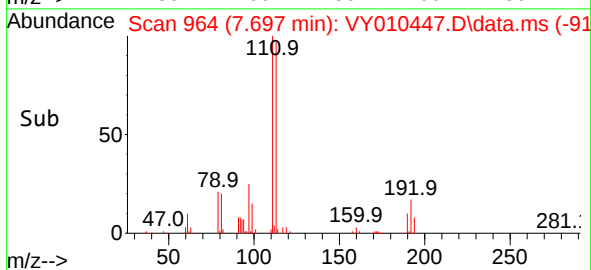
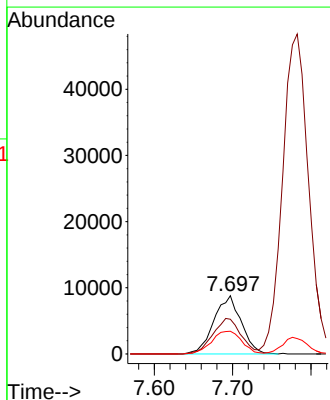
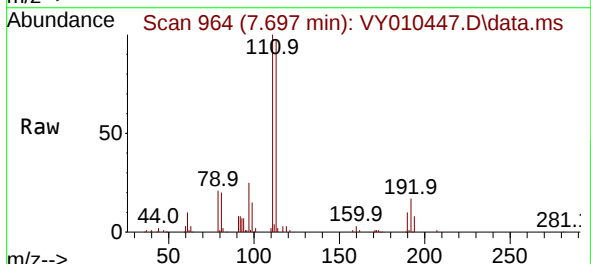
Manual Integrations
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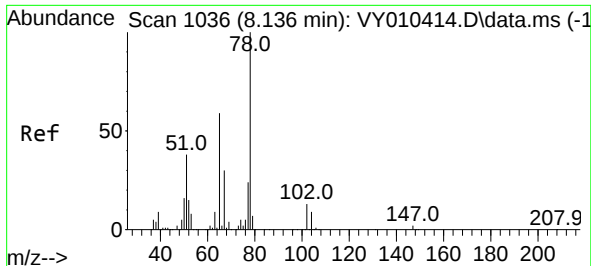
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#32
1,1,1-Trichloroethane
Concen: 5.951 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion: 97 Resp: 21313
Ion Ratio Lower Upper
97 100
99 63.1 50.7 76.1
61 43.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 56.495 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010447.D

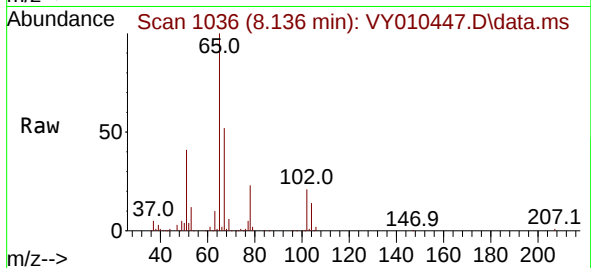
Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB



Tgt Ion: 65 Resp: 113045

Ion Ratio Lower Upper

65 100

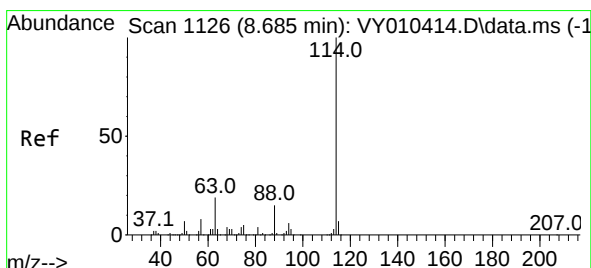
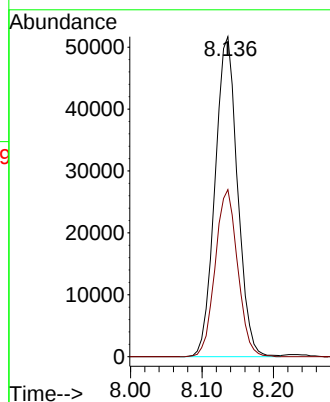
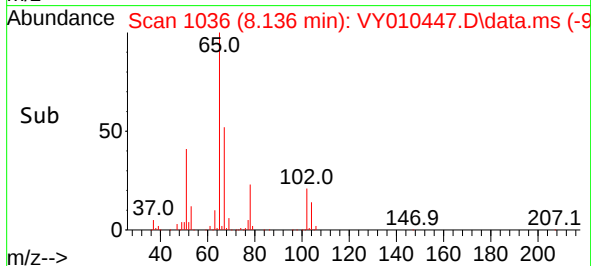
67 52.0 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

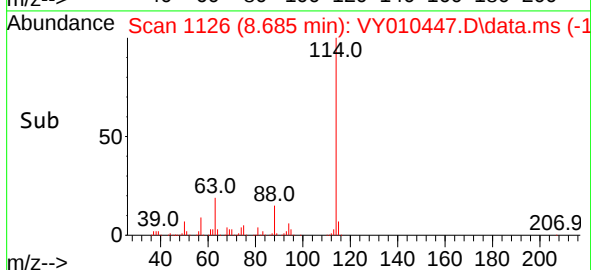
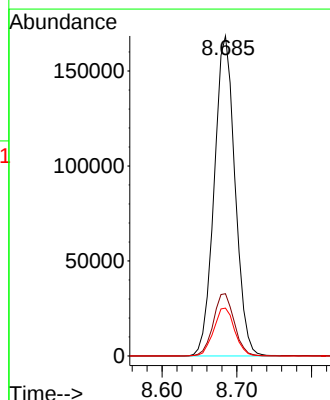
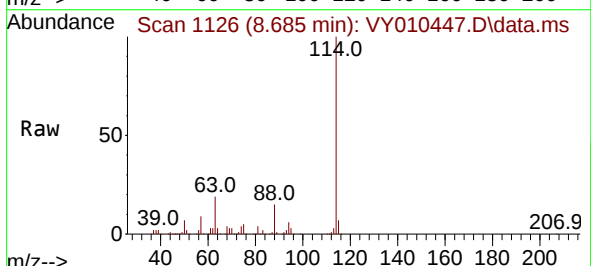
Tgt Ion:114 Resp: 325418

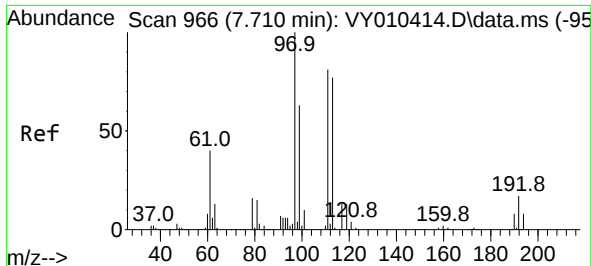
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

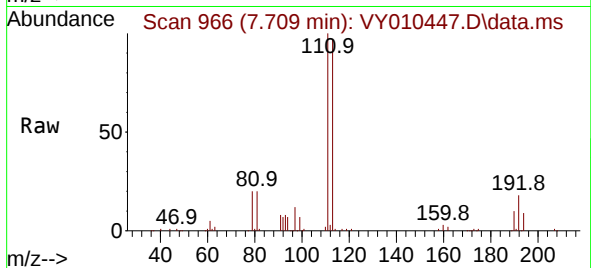
88 15.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.134 ug/l
RT: 7.709 min Scan# 901
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

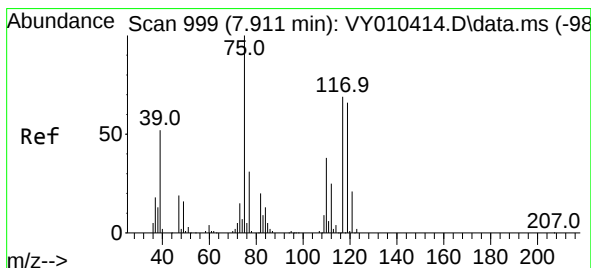
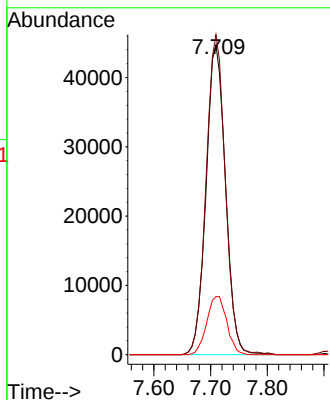
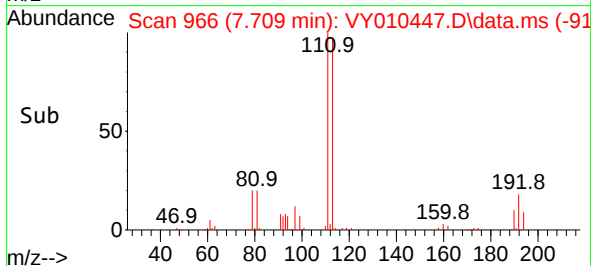
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



Tgt Ion:113 Resp: 10662
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.4 17.6 26.4

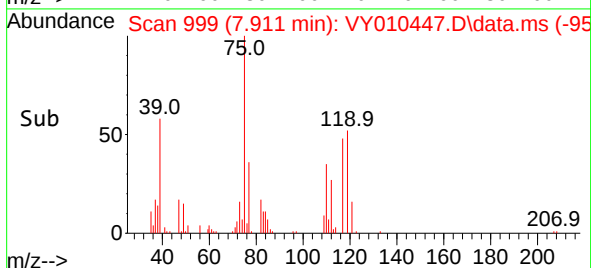
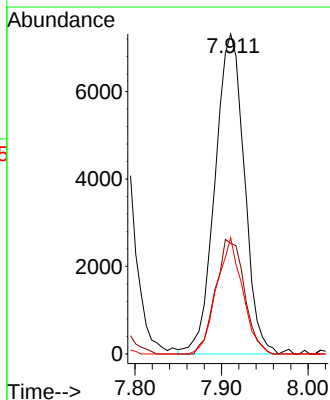
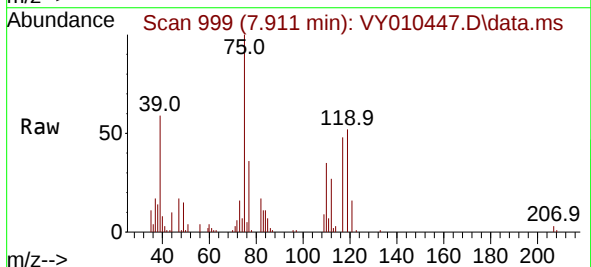
Manual Integrations
APPROVED

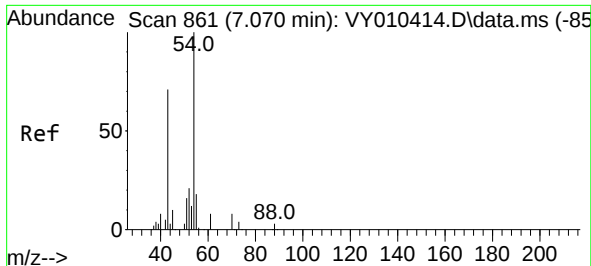
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#36
1,1-Dichloropropene
Concen: 5.432 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion: 75 Resp: 17187
Ion Ratio Lower Upper
75 100
110 35.3 17.1 51.2
77 32.4 24.4 36.6





#37

Ethyl Acetate

Concen: 5.973 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

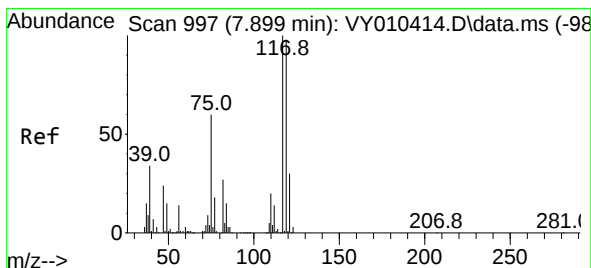
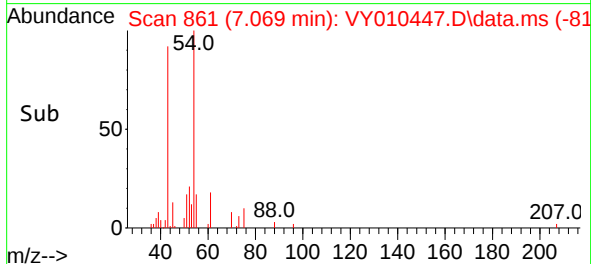
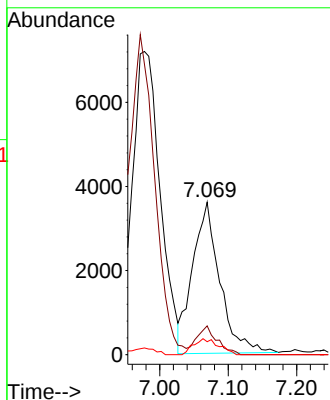
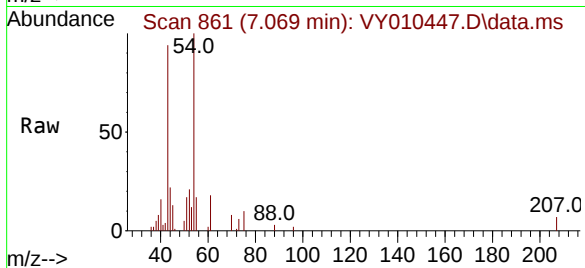
Tgt Ion:	43	Resp:	993
Ion	Ratio	Lower	Upper
43	100		
61	14.3	9.7	14.5
70	9.8	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#38

Carbon Tetrachloride

Concen: 5.336 ug/l

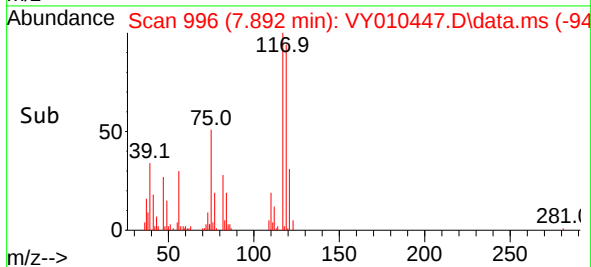
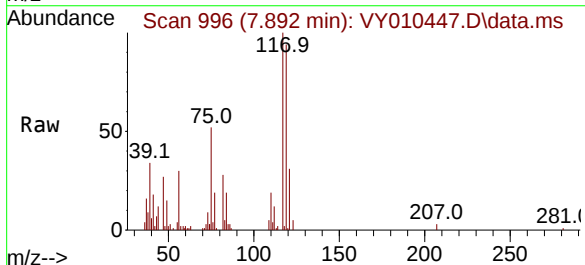
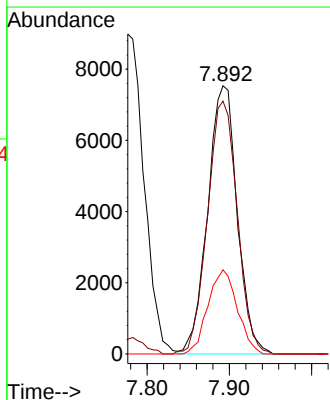
RT: 7.892 min Scan# 996

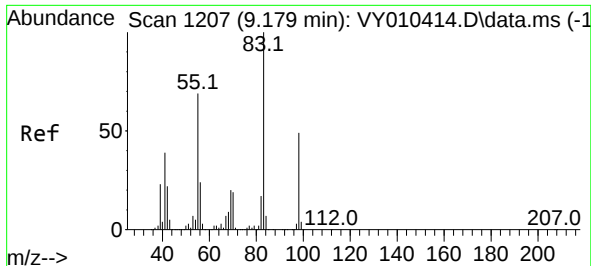
Delta R.T. -0.007 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Tgt Ion:	117	Resp:	18784
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.9	116.9
121	31.4	24.8	37.2





#39

Methylcyclohexane

Concen: 5.284 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

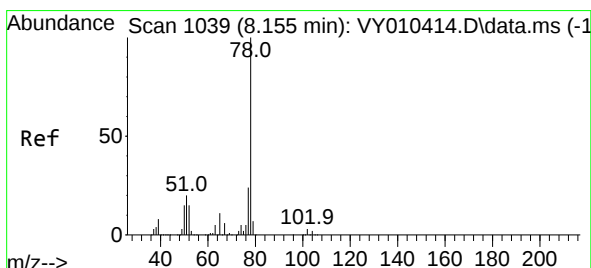
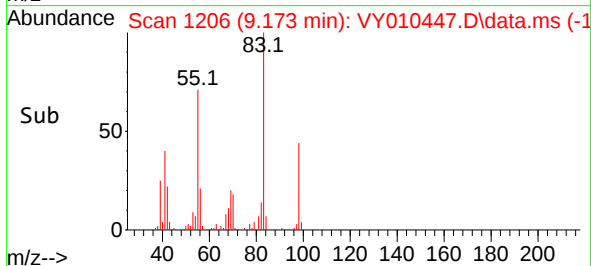
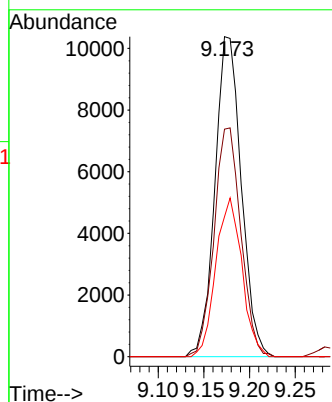
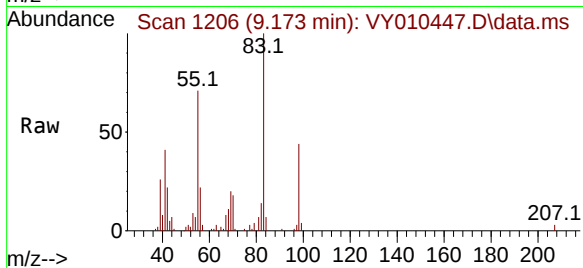
Tgt Ion: 83	Resp: 2084
Ion Ratio	Lower Upper
83 100	
55 71.1	66.5 99.7
98 43.7	37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#40

Benzene

Concen: 5.500 ug/l

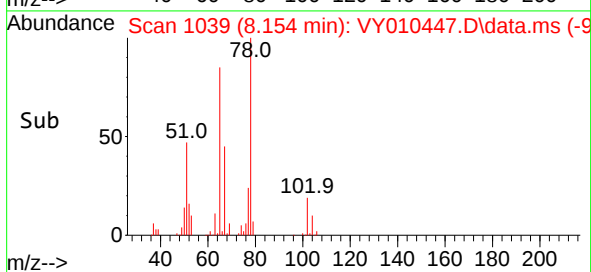
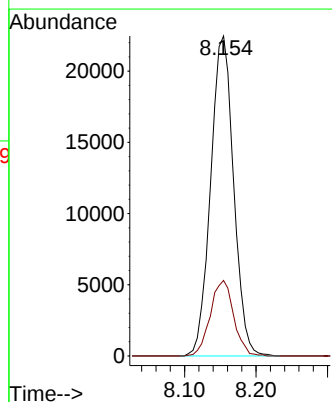
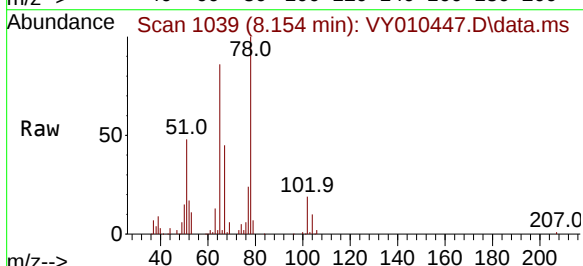
RT: 8.154 min Scan# 1039

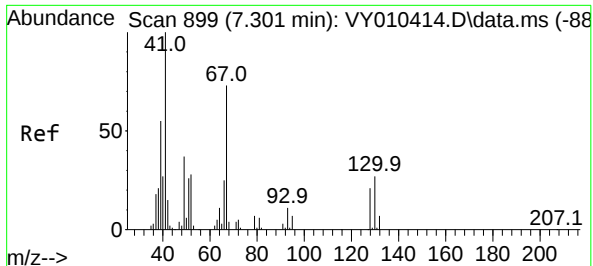
Delta R.T. -0.001 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

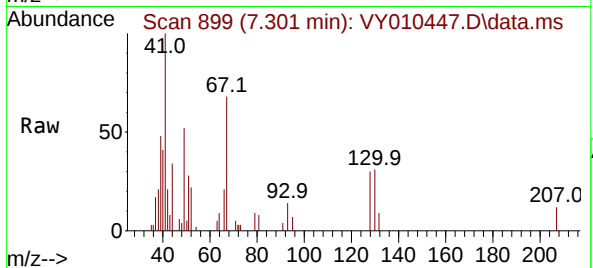
Tgt Ion: 78	Resp: 50093
Ion Ratio	Lower Upper
78 100	
77 23.6	20.4 30.6





#41
Methacrylonitrile
Concen: 4.247 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

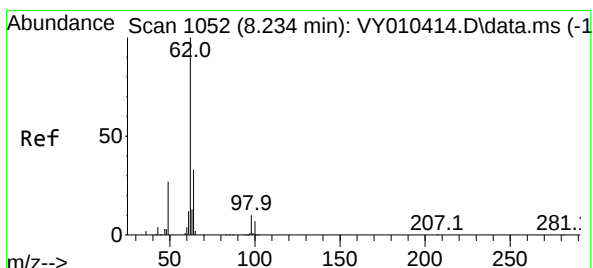
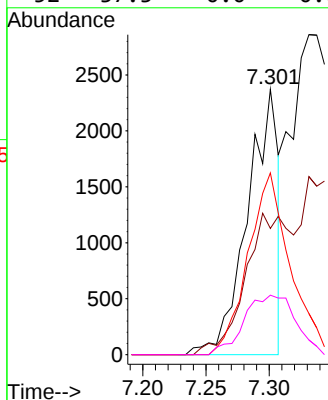
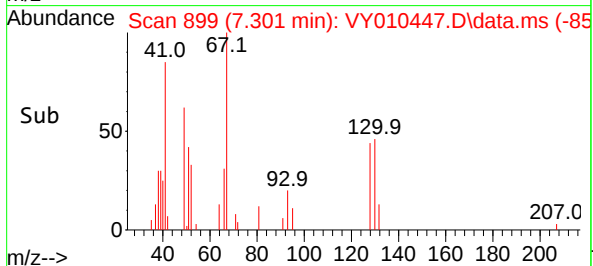
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



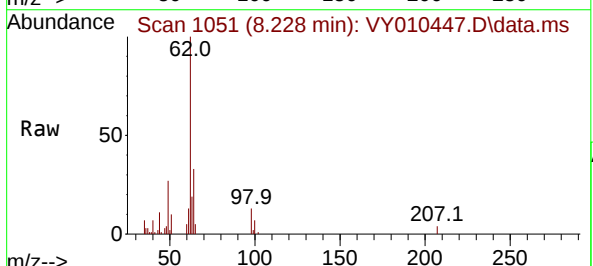
Tgt Ion: 41 Resp: 4038
Ion Ratio Lower Upper
41 100
39 79.2 92.9 139.3
67 93.7 0.0 0.0
52 37.3 0.0 0.0

Manual Integrations
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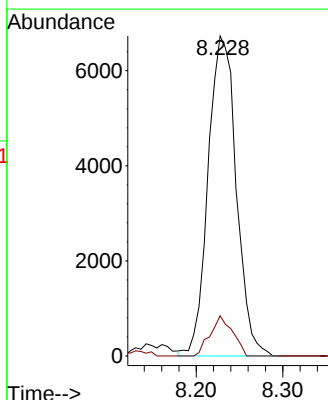
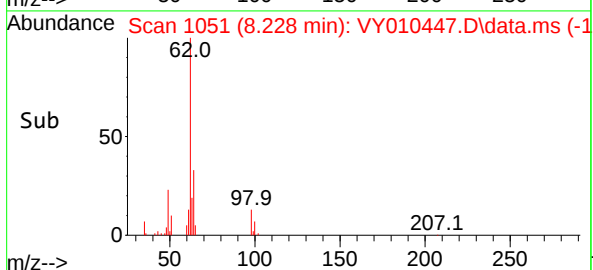
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

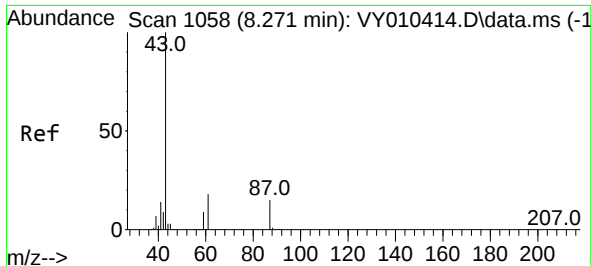


#42
1,2-Dichloroethane
Concen: 5.619 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29



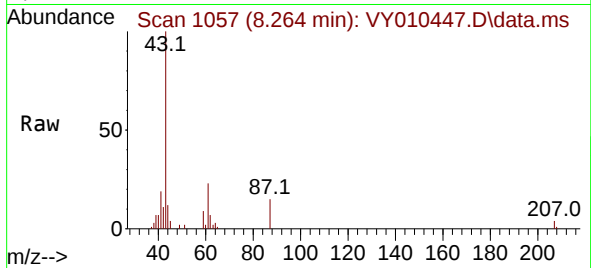
Tgt Ion: 62 Resp: 15218
Ion Ratio Lower Upper
62 100
98 10.0 0.0 14.8





#43
Isopropyl Acetate
Concen: 5.266 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

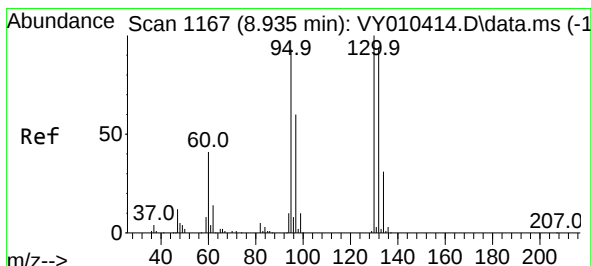
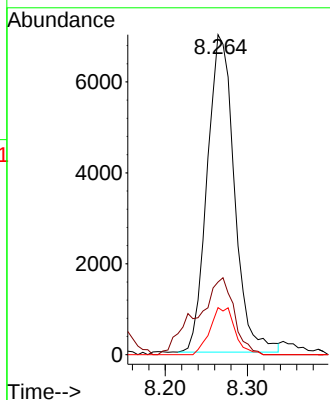
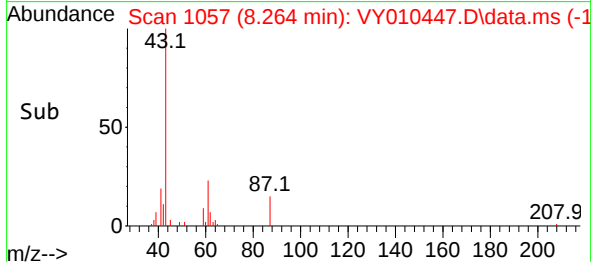
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2022 5.0PPB



Tgt Ion: 43 Resp: 16028
Ion Ratio Lower Upper
43 100
61 33.3 20.2 30.2
87 13.7 8.9 13.3

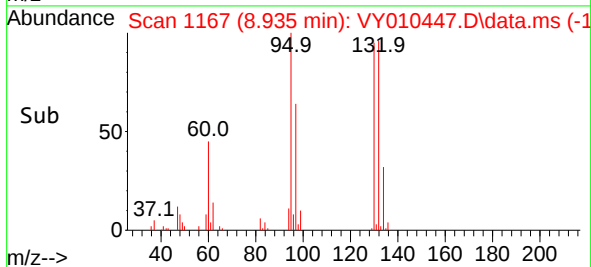
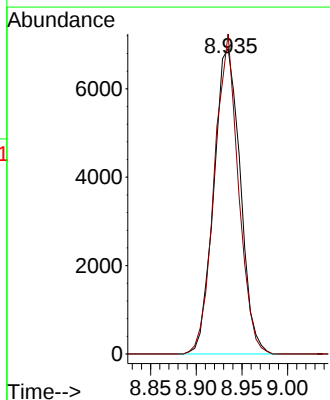
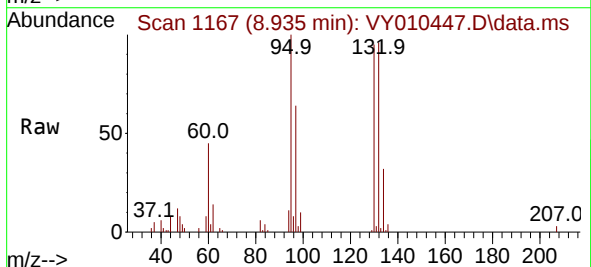
Manual Integrations
APPROVED

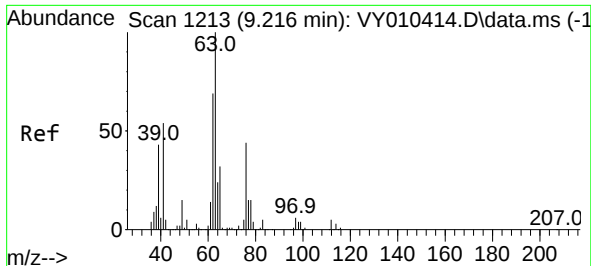
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#44
Trichloroethene
Concen: 5.184 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion:130 Resp: 13898
Ion Ratio Lower Upper
130 100
95 104.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 5.677 ug/l

RT: 9.209 min Scan# 1213

Delta R.T. -0.007 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 63 Resp: 1261

Ion Ratio Lower Upper

63 100

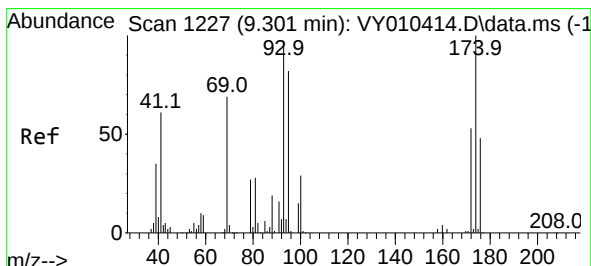
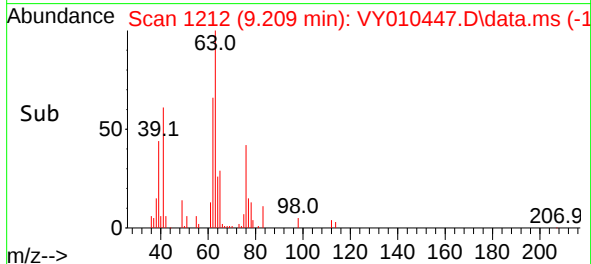
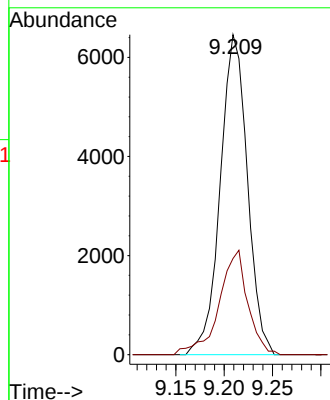
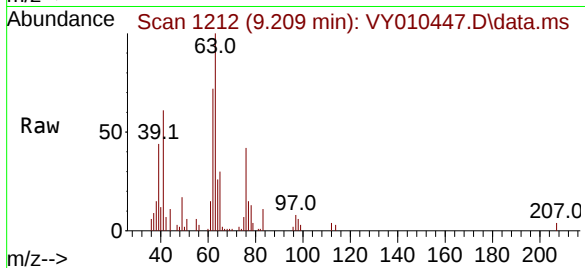
65 30.0 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#46

Dibromomethane

Concen: 5.388 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.007 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

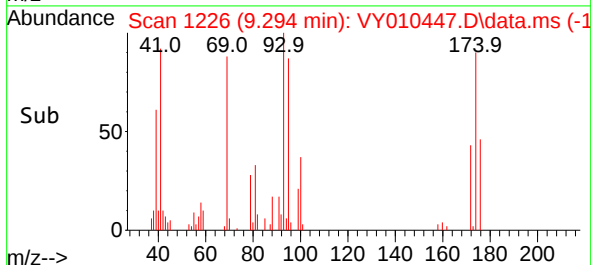
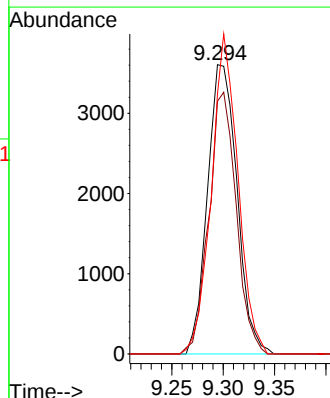
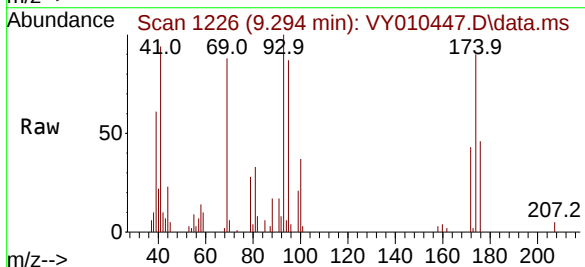
Tgt Ion: 93 Resp: 7217

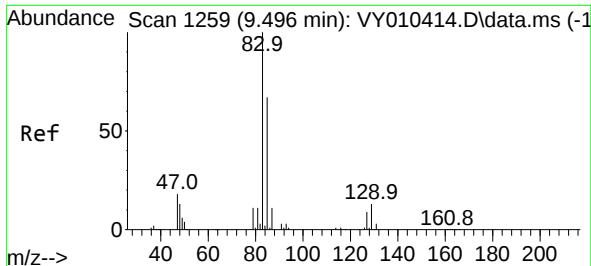
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 99.4 83.4 125.0





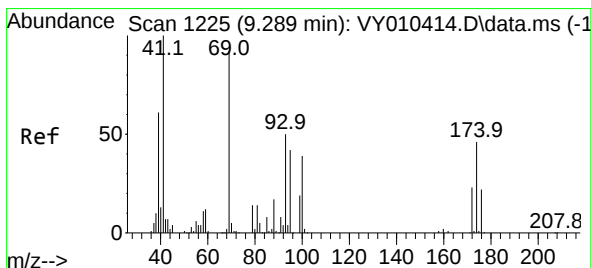
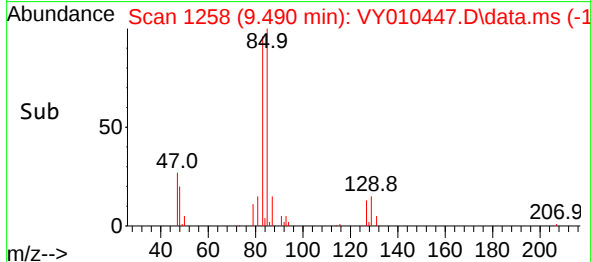
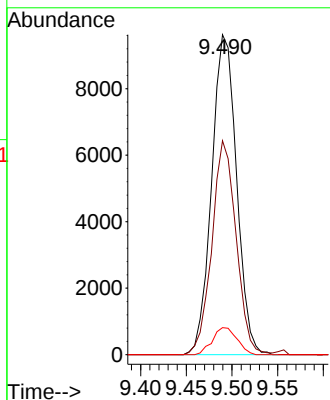
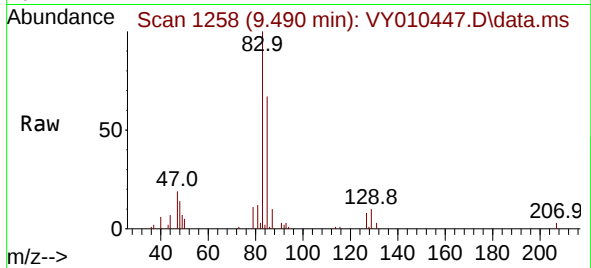
#47
Bromodichloromethane
Concen: 5.724 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 83 Resp: 18214
Ion Ratio Lower Upper
83 100
85 66.8 51.9 77.9
127 8.4 6.6 10.0

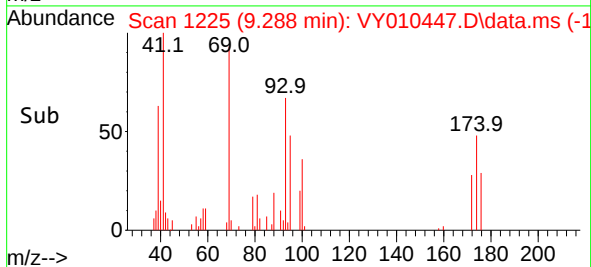
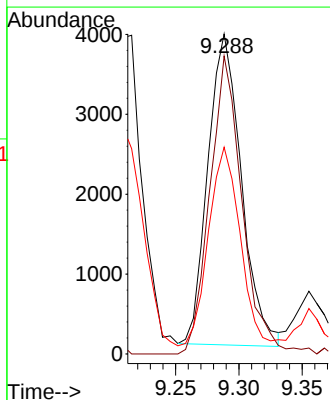
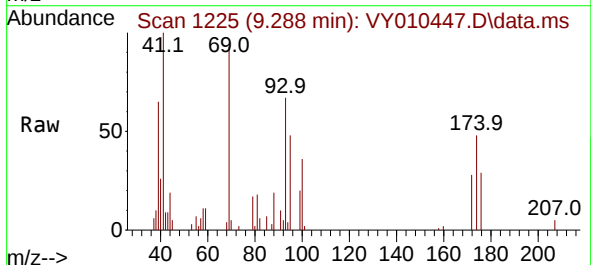
Manual Integrations
APPROVED

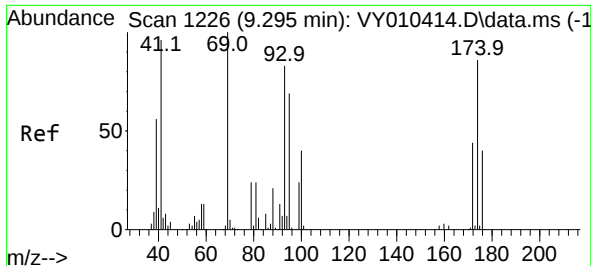
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#48
Methyl methacrylate
Concen: 5.248 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion: 41 Resp: 7175
Ion Ratio Lower Upper
41 100
69 93.1 58.2 87.2#
39 61.2 47.4 71.0





#49

1,4-Dioxane

Concen: 104.046 ug/l

RT: 9.288 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

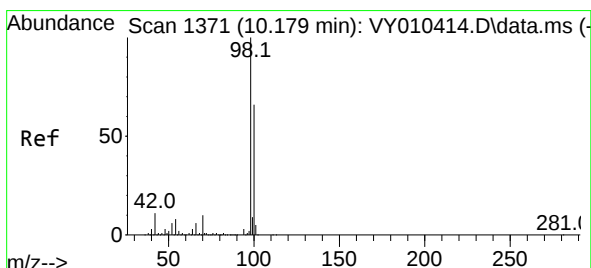
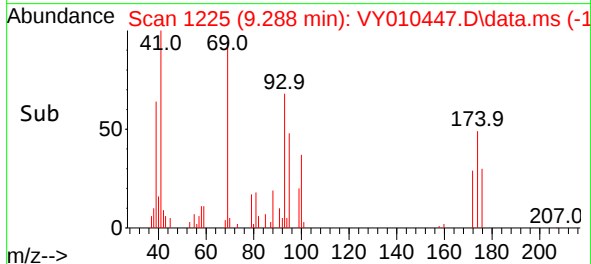
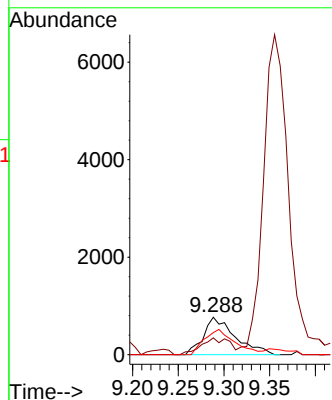
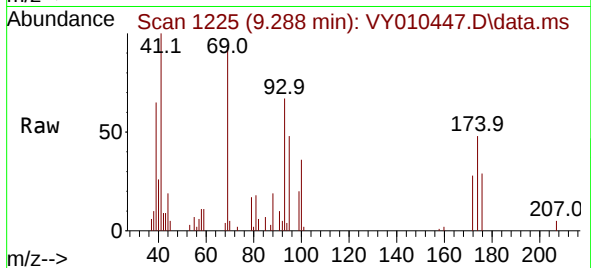
Tgt Ion: 88	Resp: 184
Ion Ratio	Lower Upper
88 100	
43 39.6	32.8 49.2
58 64.1	59.8 89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#50

Toluene-d8

Concen: 53.348 ug/l

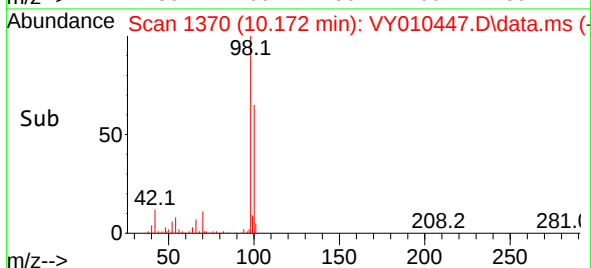
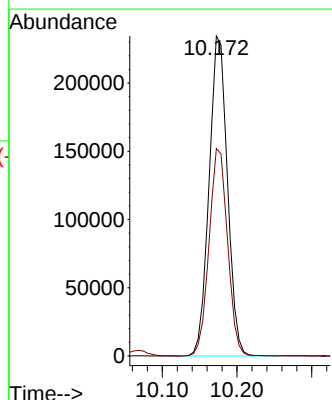
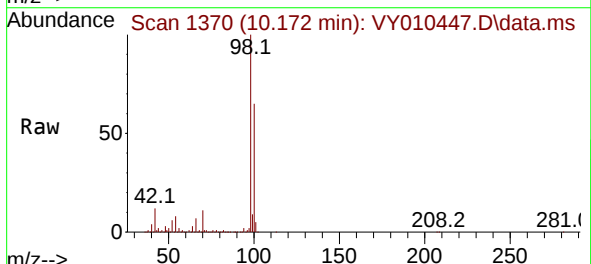
RT: 10.172 min Scan# 1370

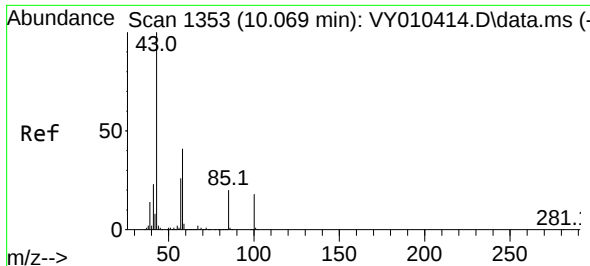
Delta R.T. -0.007 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

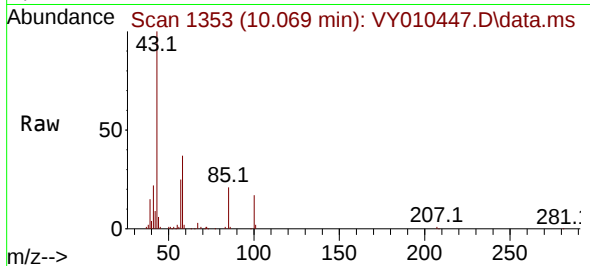
Tgt Ion: 98	Resp: 399588
Ion Ratio	Lower Upper
98 100	
100 65.2	50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 26.137 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

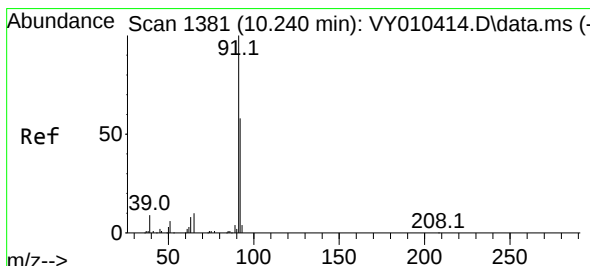
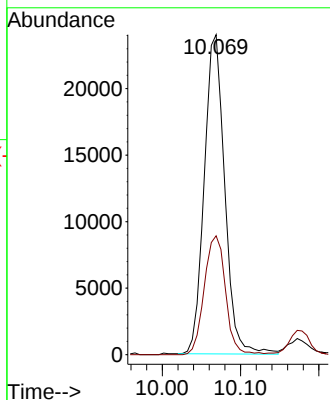
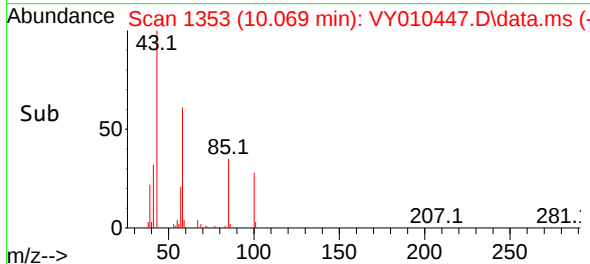
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2022 5.0PPB



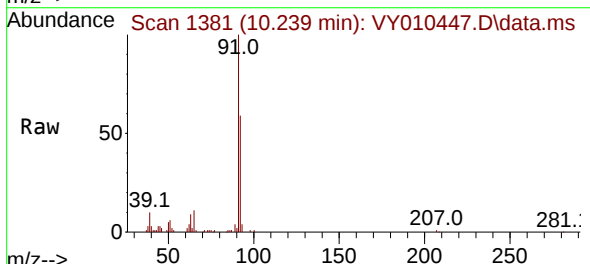
Tgt Ion: 43 Resp: 43639
Ion Ratio Lower Upper
43 100
58 38.5 28.1 42.1

Manual Integrations
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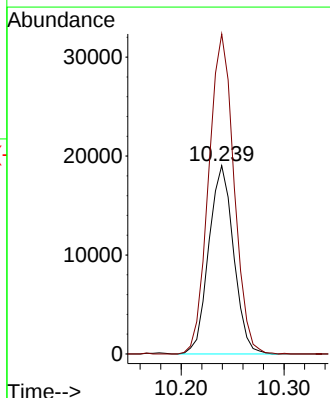
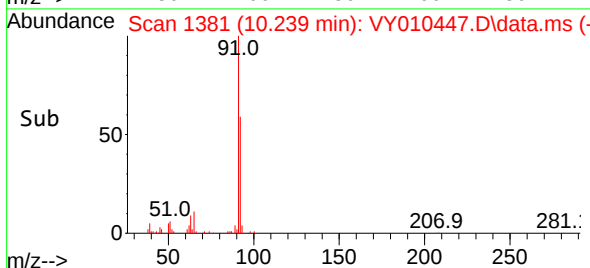
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

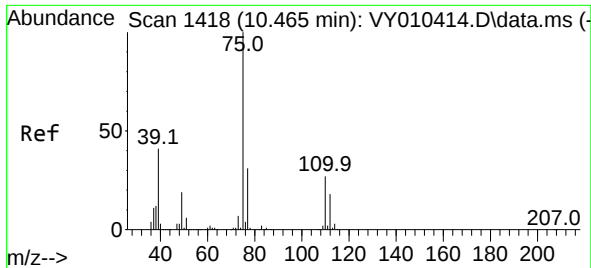


#52
Toluene
Concen: 5.352 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29



Tgt Ion: 92 Resp: 31899
Ion Ratio Lower Upper
92 100
91 173.6 142.6 213.8





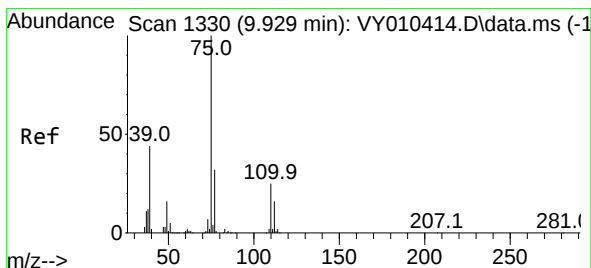
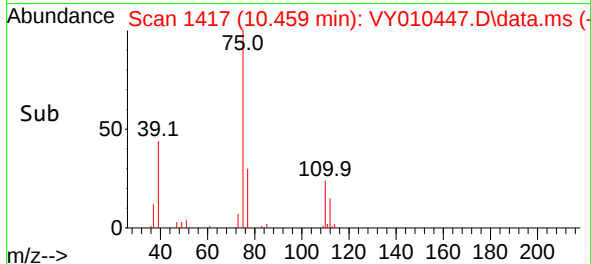
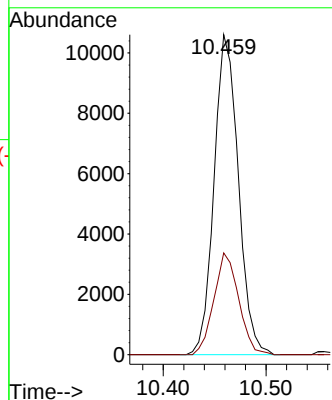
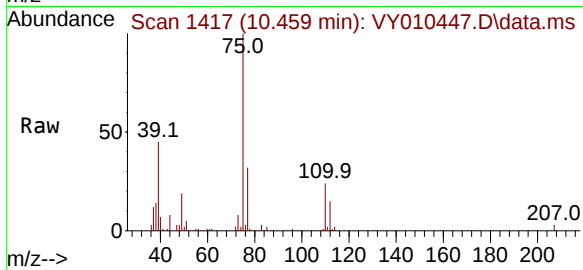
#53
t-1,3-Dichloropropene
Concen: 5.299 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 75 Resp: 17350
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

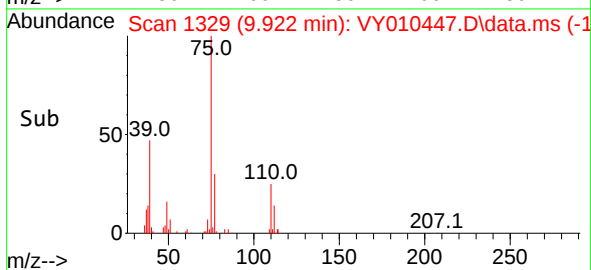
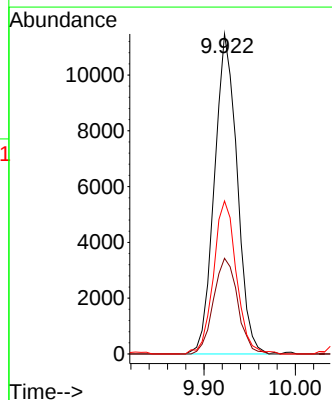
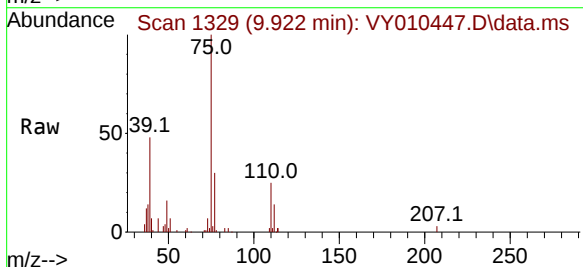
Manual Integrations
APPROVED

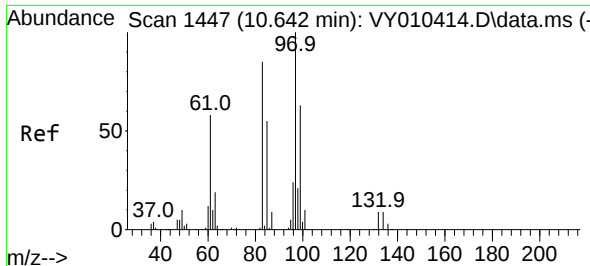
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#54
cis-1,3-Dichloropropene
Concen: 5.352 ug/l
RT: 9.922 min Scan# 1329
Delta R.T. -0.007 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

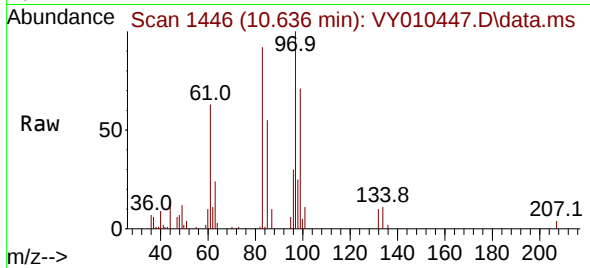
Tgt Ion: 75 Resp: 19766
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4
39 47.8 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 5.229 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

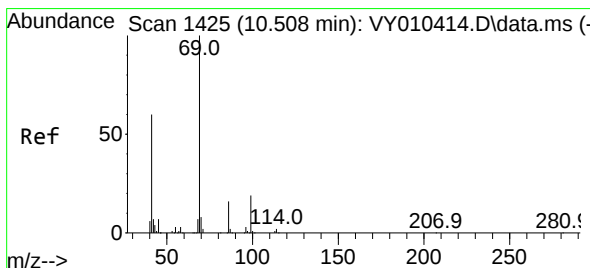
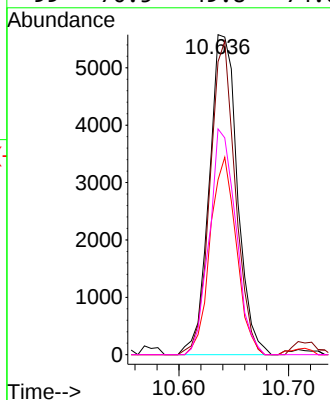
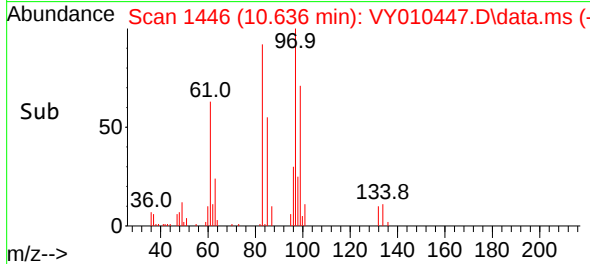
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.6	69.8	104.8
85	54.7	44.3	66.5
99	70.5	49.8	74.6

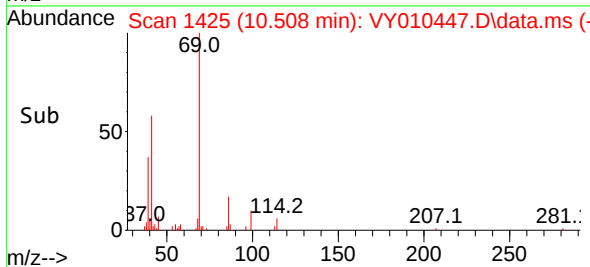
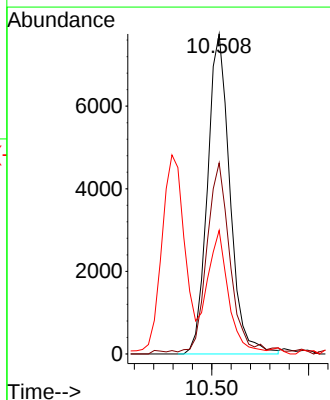
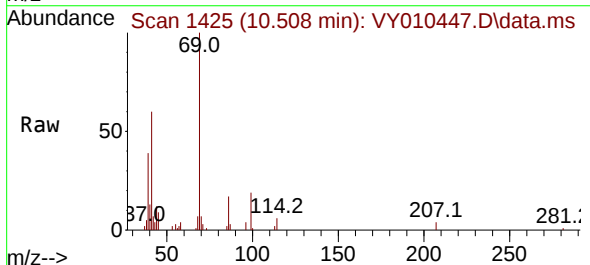
Manual Integrations
APPROVED

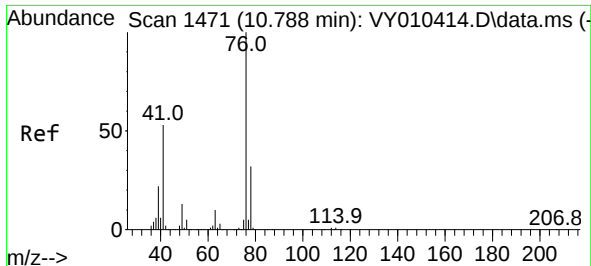
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#56
Ethyl methacrylate
Concen: 4.983 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.3	63.4	95.0#
39	34.8	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 5.496 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 76 Resp: 1741

Ion Ratio Lower Upper

76 100

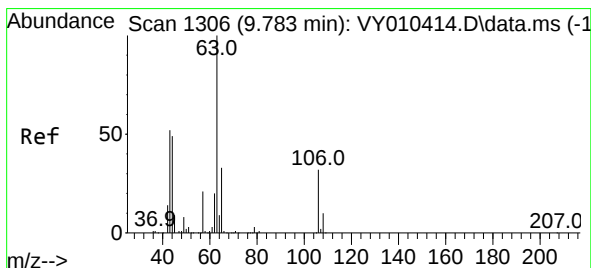
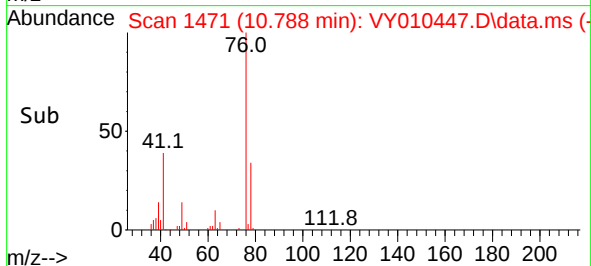
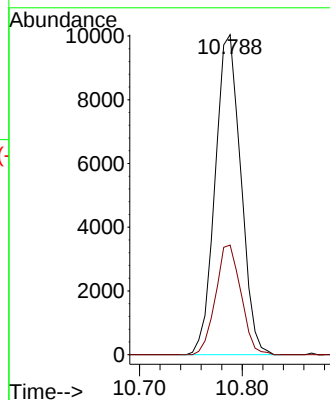
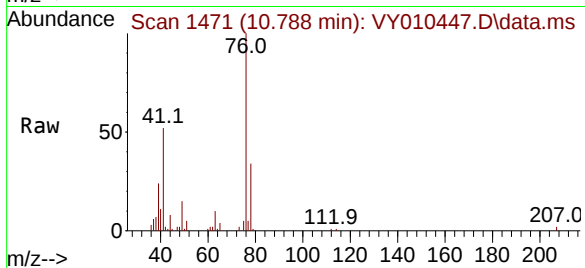
78 33.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 38.354 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY010447.D

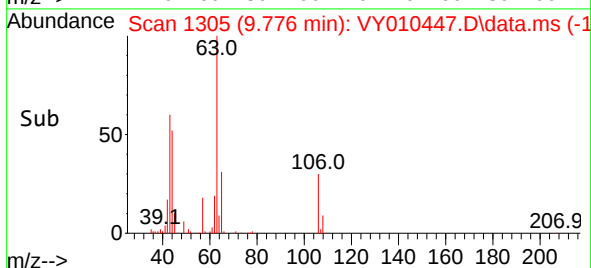
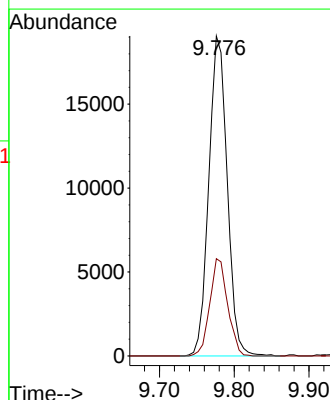
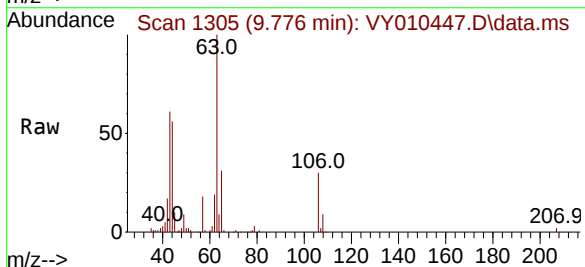
Acq: 12 Sep 2022 16:29

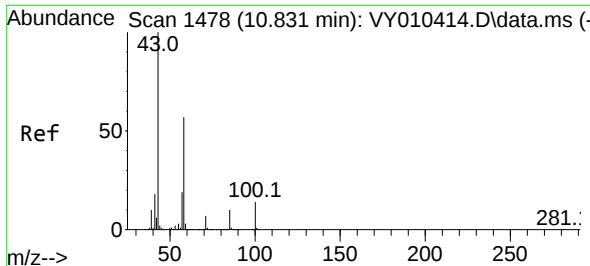
Tgt Ion: 63 Resp: 32651

Ion Ratio Lower Upper

63 100

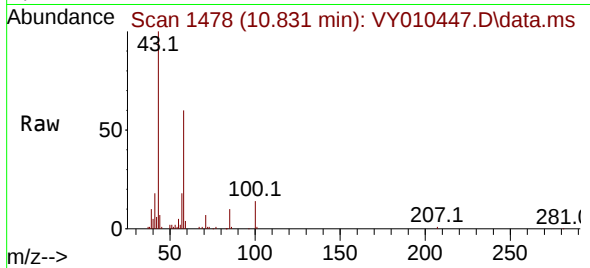
106 29.5 21.5 32.3





#59
2-Hexanone
Concen: 24.621 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

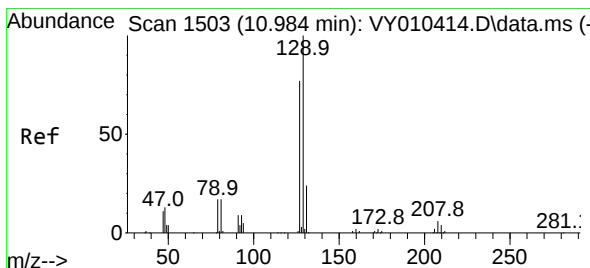
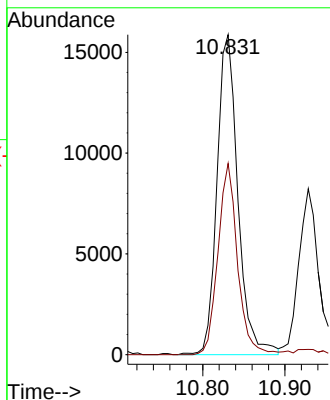
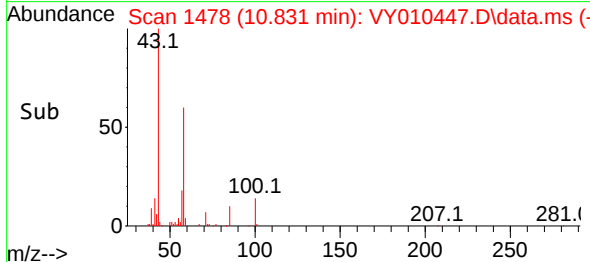
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



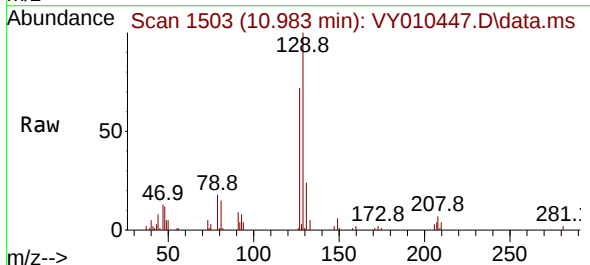
Tgt Ion: 43 Resp: 2802
Ion Ratio Lower Upper
43 100
58 55.8 24.4 73.4

Manual Integrations
APPROVED

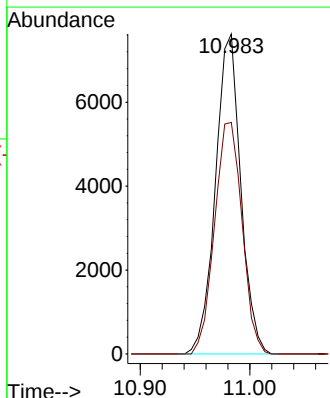
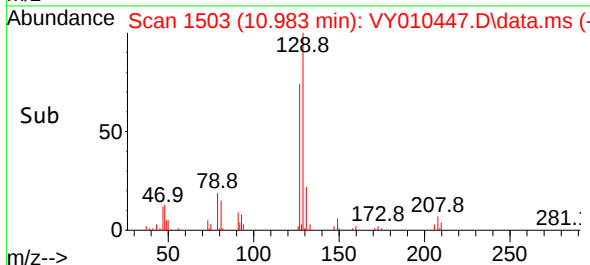
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

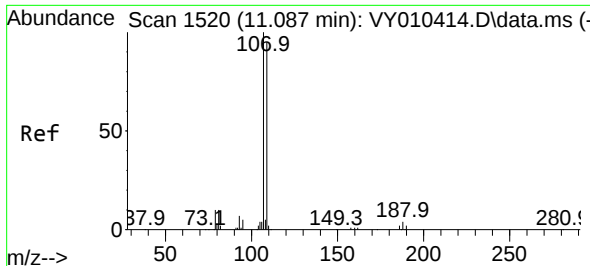


#60
Dibromochloromethane
Concen: 5.260 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29



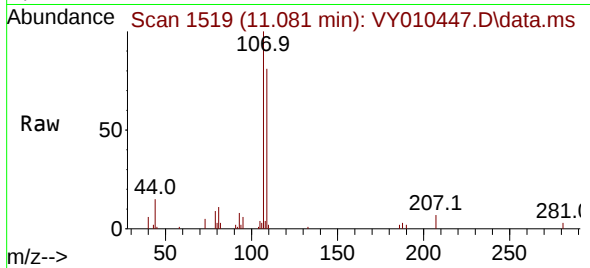
Tgt Ion:129 Resp: 12248
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 5.306 ug/l
RT: 11.081 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

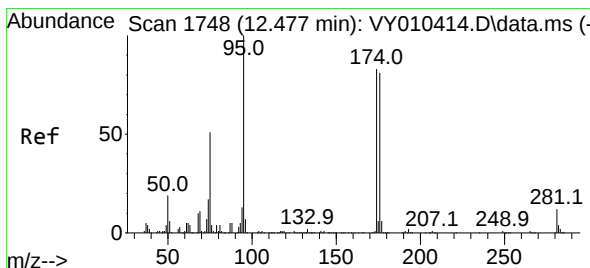
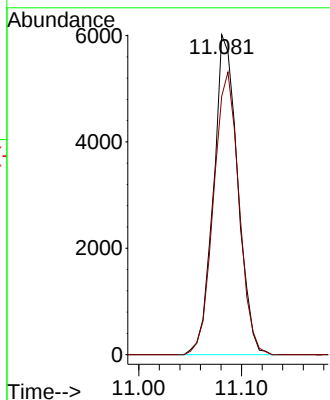
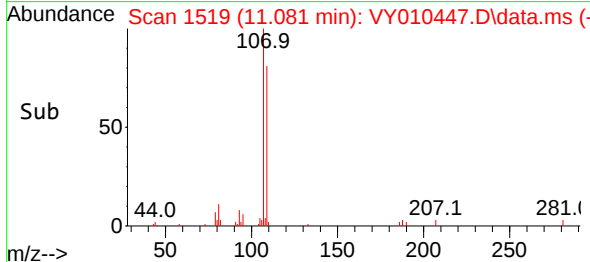
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



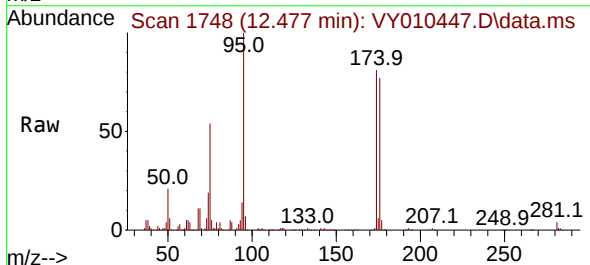
Tgt Ion:107 Resp: 9814
Ion Ratio Lower Upper
107 100
109 92.7 75.4 113.2

Manual Integrations
APPROVED

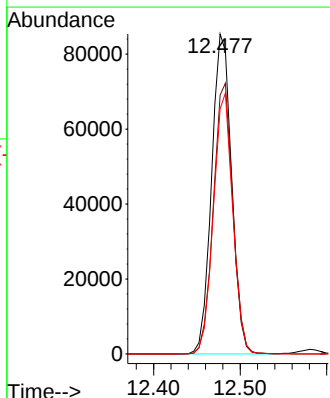
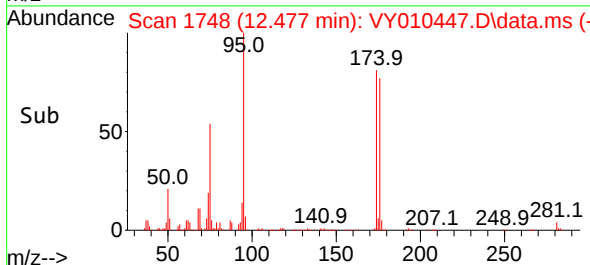
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

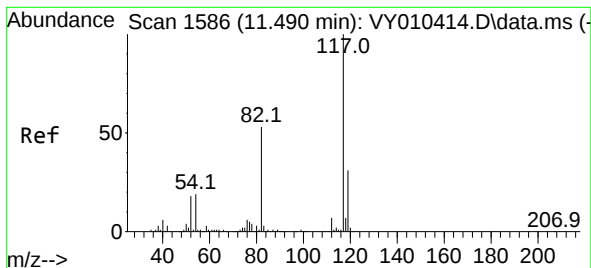


#62
4-Bromofluorobenzene
Concen: 39.685 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29



Tgt Ion: 95 Resp: 136406
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 79.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010447.D

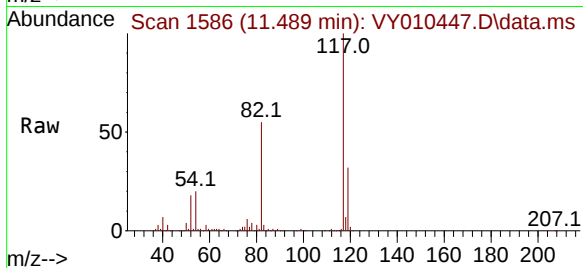
Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB



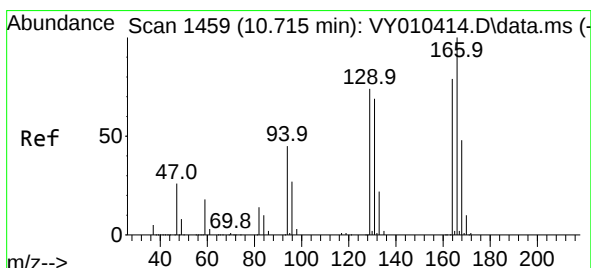
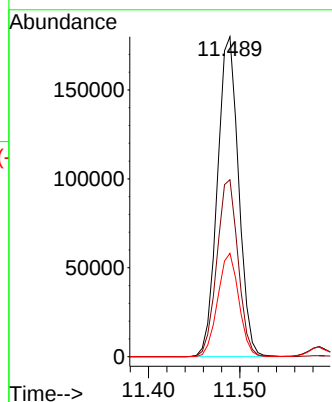
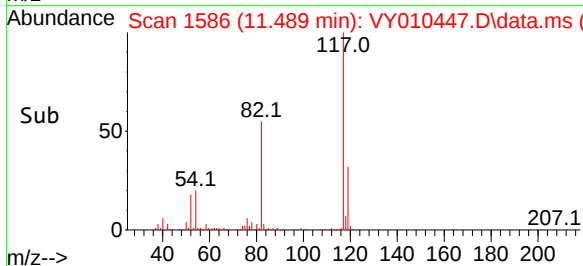
Tgt Ion:	117	Resp:	29039
Ion Ratio	100	Lower	Upper
117	100		
82	55.3	43.0	64.4
119	32.3	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#64

Tetrachloroethene

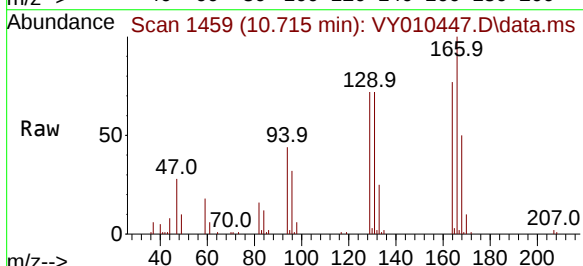
Concen: 5.122 ug/l

RT: 10.715 min Scan# 1459

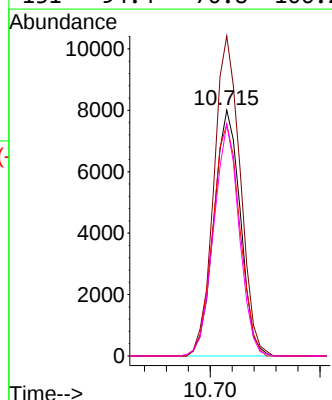
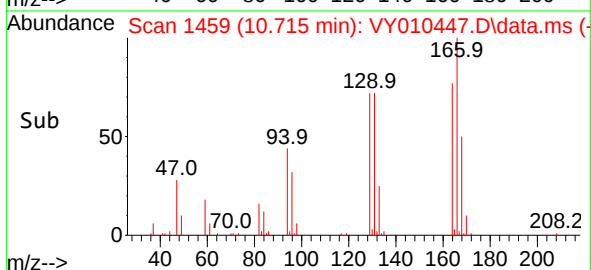
Delta R.T. -0.000 min

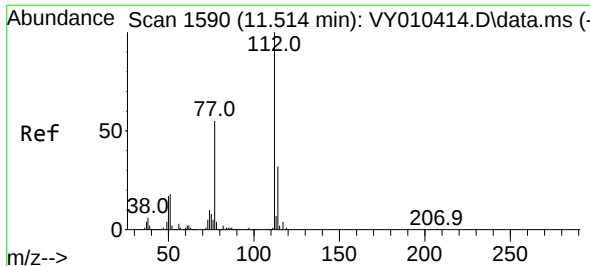
Lab File: VY010447.D

Acq: 12 Sep 2022 16:29



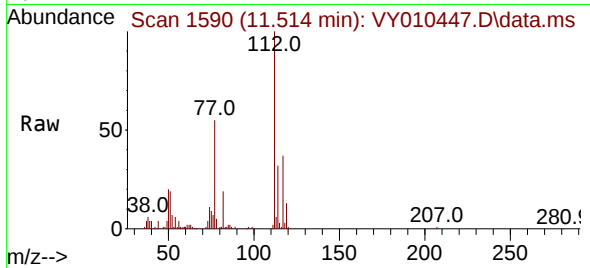
Tgt Ion:	164	Resp:	13406
Ion Ratio	100	Lower	Upper
164	100		
166	130.2	100.4	150.6
129	94.2	71.4	107.0
131	94.4	70.8	106.2





#65
Chlorobenzene
Concen: 5.265 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

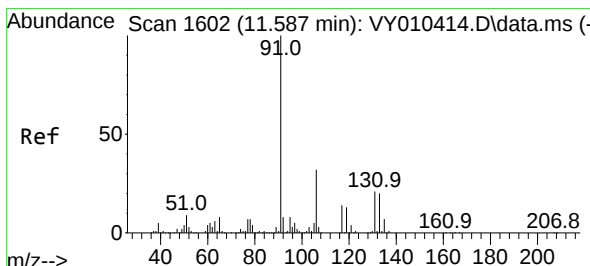
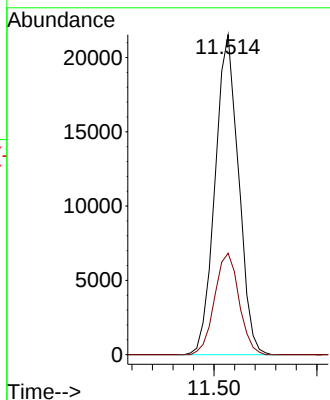
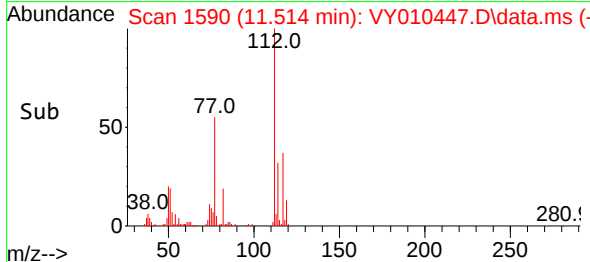
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2022 5.0PPB



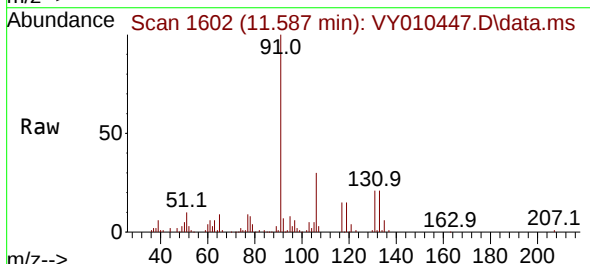
Tgt Ion:112 Resp: 34189
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

Manual Integrations
APPROVED

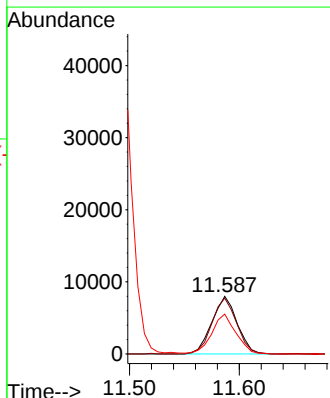
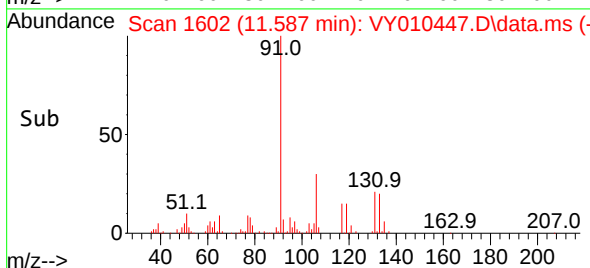
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

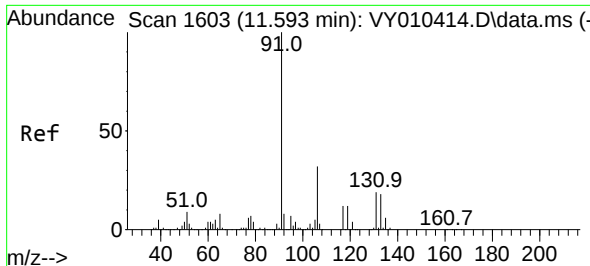


#66
1,1,1,2-Tetrachloroethane
Concen: 5.292 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29



Tgt Ion:131 Resp: 12728
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 66.5 30.8 92.3





#67

Ethyl Benzene

Concen: 5.199 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 91 Resp: 59754

Ion Ratio Lower Upper

91 100

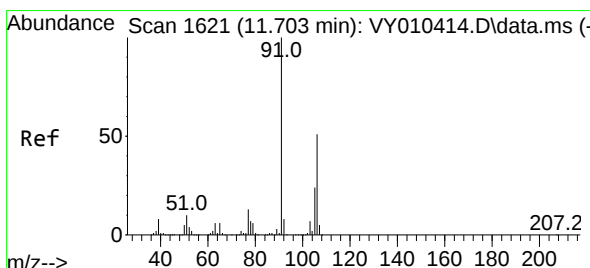
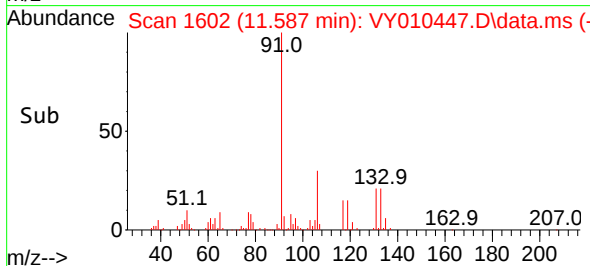
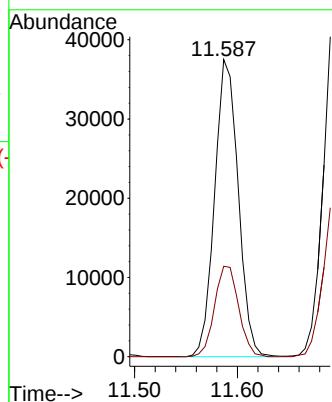
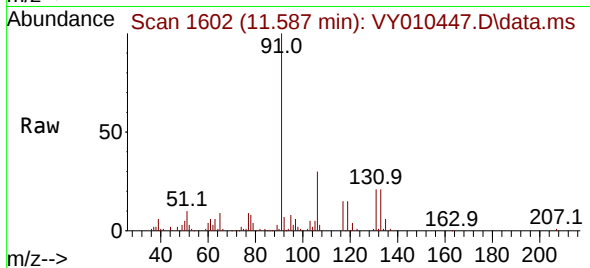
106 30.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#68

m/p-Xylenes

Concen: 10.002 ug/l

RT: 11.696 min Scan# 1620

Delta R.T. -0.007 min

Lab File: VY010447.D

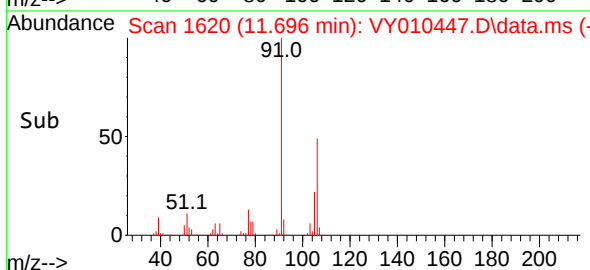
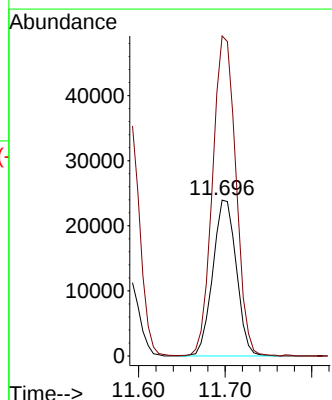
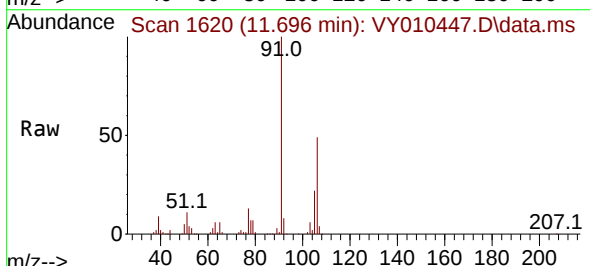
Acq: 12 Sep 2022 16:29

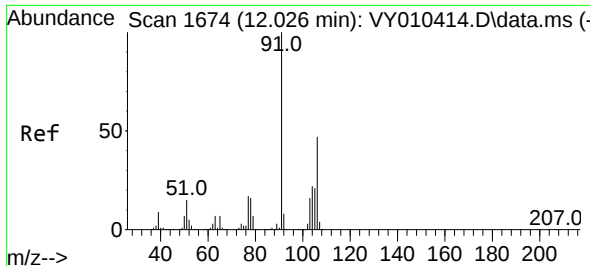
Tgt Ion:106 Resp: 45133

Ion Ratio Lower Upper

106 100

91 204.4 166.6 249.8





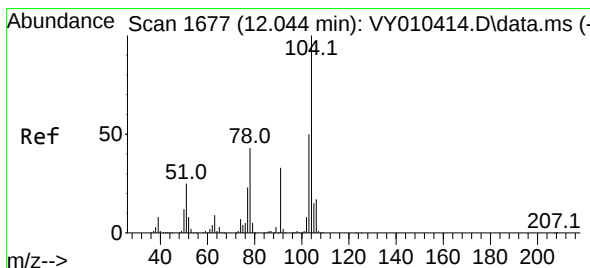
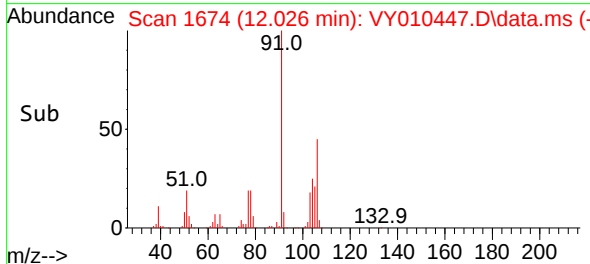
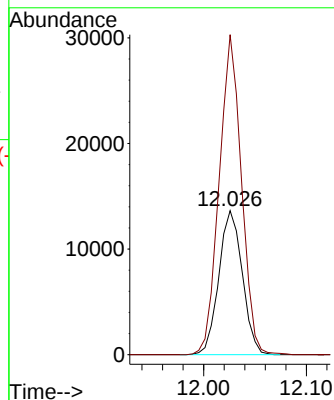
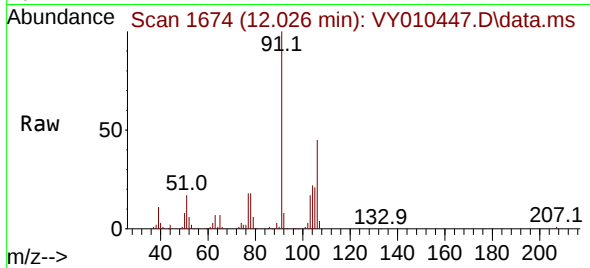
#69
o-Xylene
Concen: 5.021 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion:106 Resp: 21635
Ion Ratio Lower Upper
106 100
91 210.6 110.3 331.0

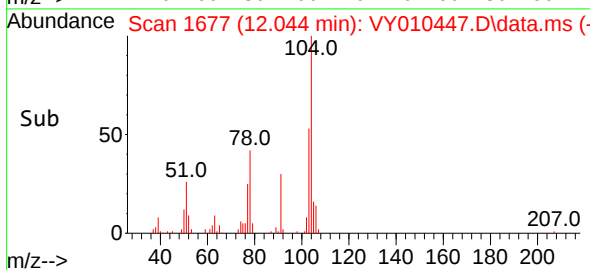
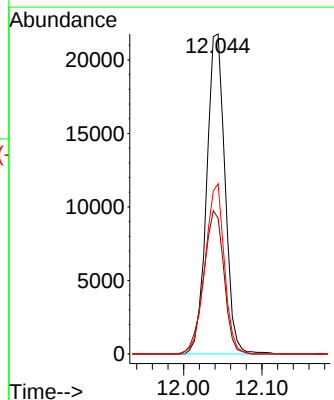
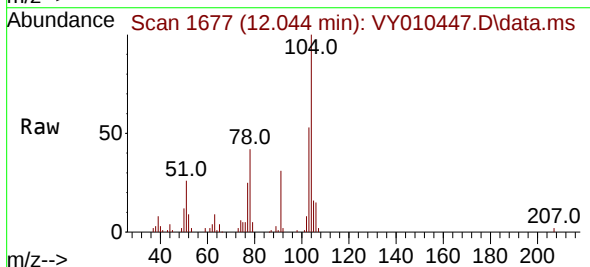
Manual Integrations
APPROVED

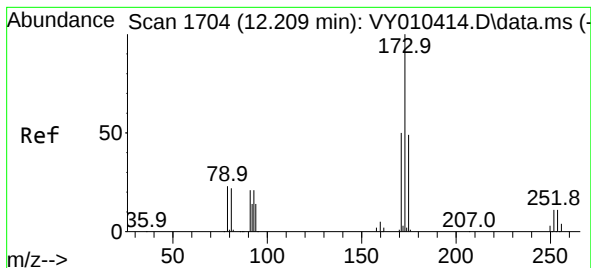
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#70
Styrene
Concen: 4.848 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion:104 Resp: 35354
Ion Ratio Lower Upper
104 100
78 49.5 42.4 63.6
103 56.0 44.4 66.6





#71

Bromoform

Concen: 4.934 ug/l

RT: 12.202 min Scan# 1703

Delta R.T. -0.007 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

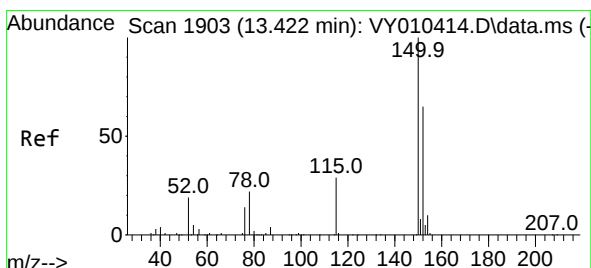
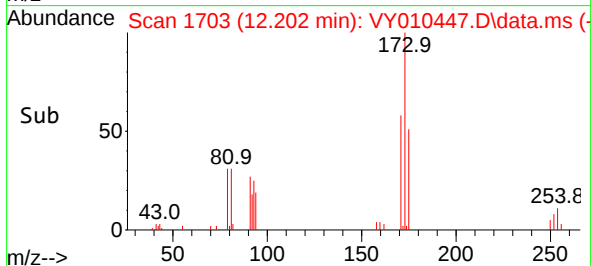
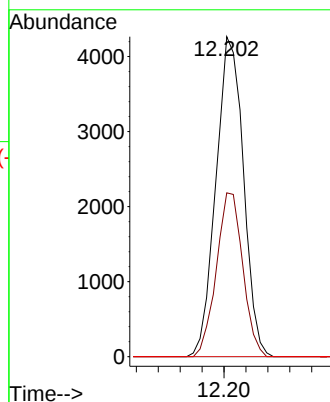
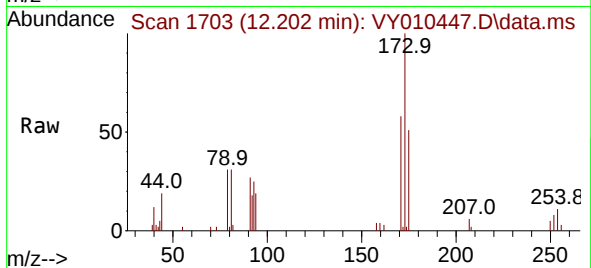
Tgt Ion:	173	Resp:	7419
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

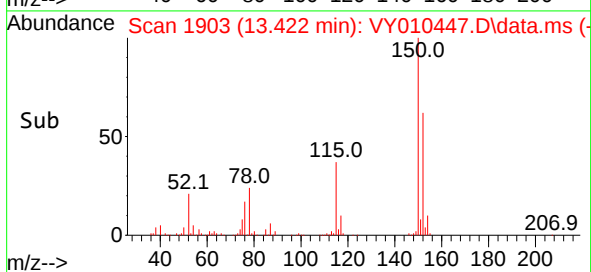
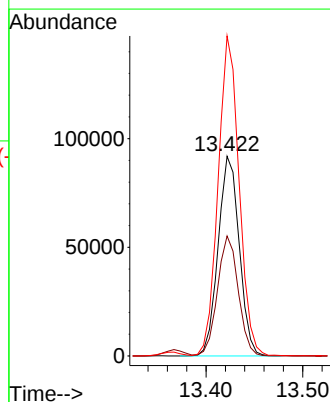
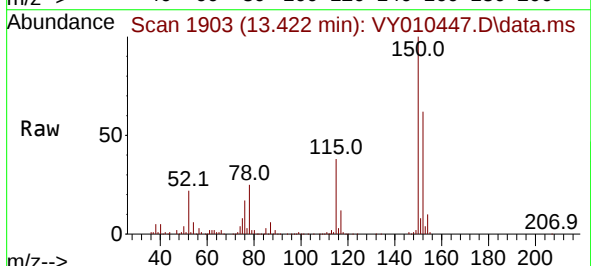
RT: 13.422 min Scan# 1903

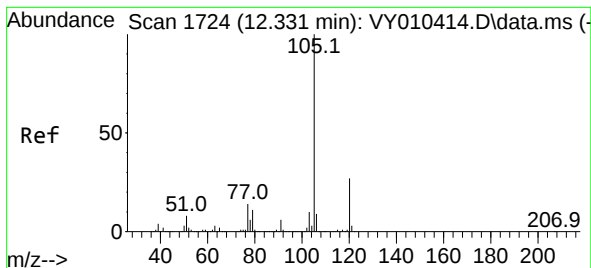
Delta R.T. -0.000 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Tgt Ion:	152	Resp:	139266
Ion Ratio	Lower	Upper	
152	100		
115	59.2	28.2	84.7
150	159.3	0.0	347.6





#73

Isopropylbenzene

Concen: 5.330 ug/l

RT: 12.324 min Scan# 1723

Delta R.T. -0.007 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion:105 Resp: 5792

Ion Ratio Lower Upper

105 100

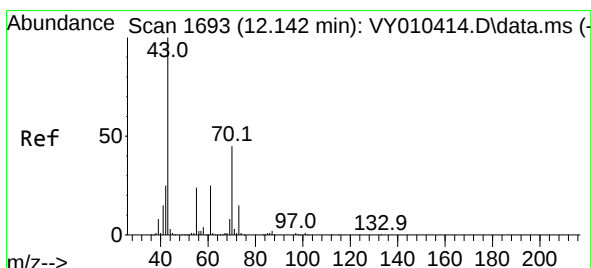
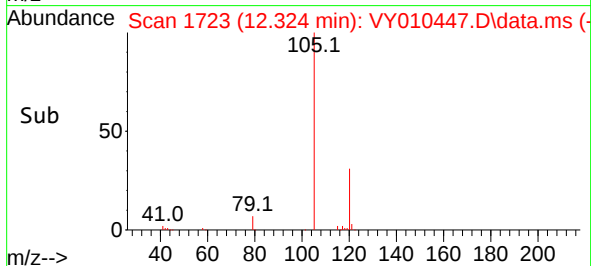
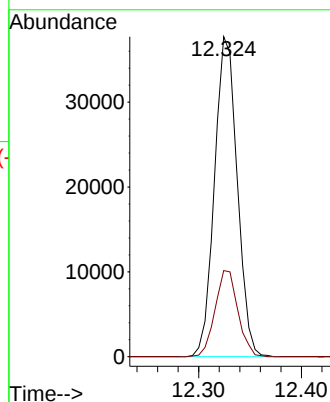
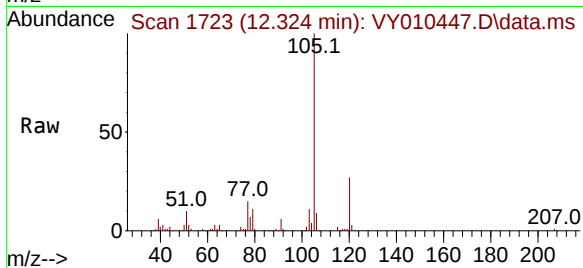
120 27.0 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#74

N-ethyl acetate

Concen: 5.259 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Tgt Ion: 43 Resp: 13334

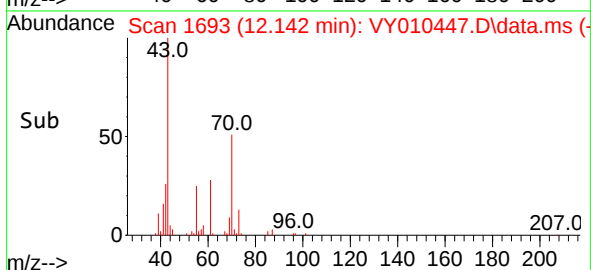
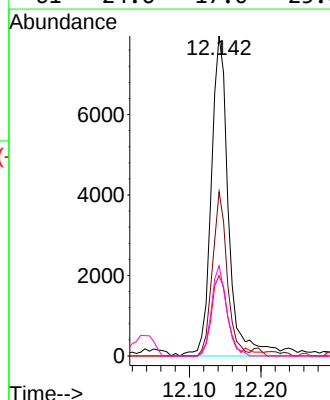
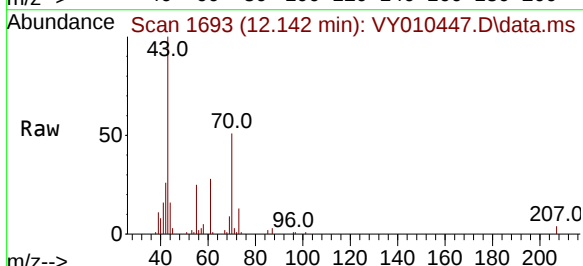
Ion Ratio Lower Upper

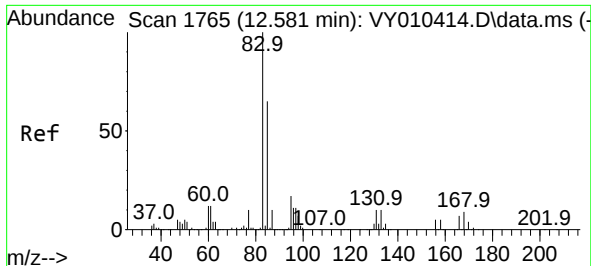
43 100

70 43.8 28.7 43.1#

55 23.2 17.3 25.9

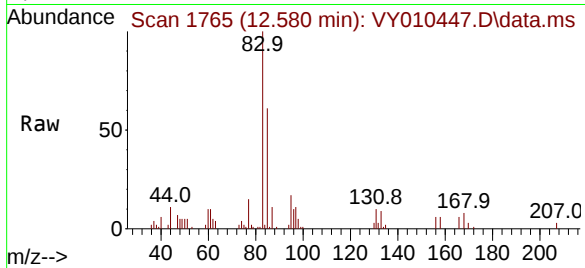
61 24.6 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 5.668 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

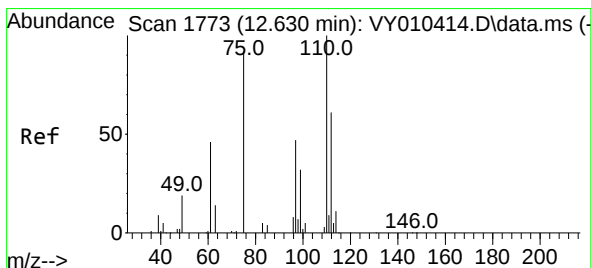
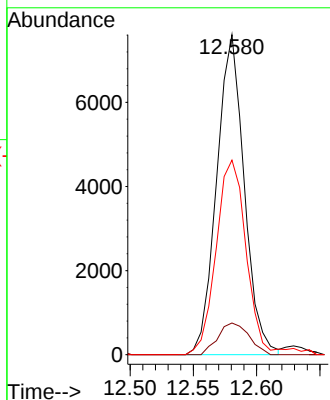
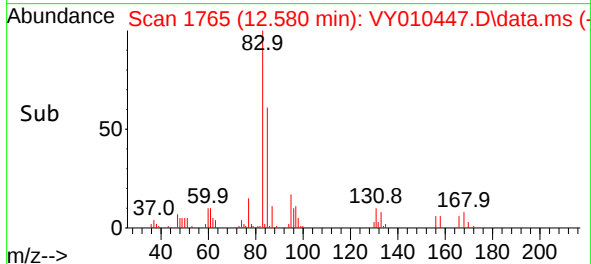
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



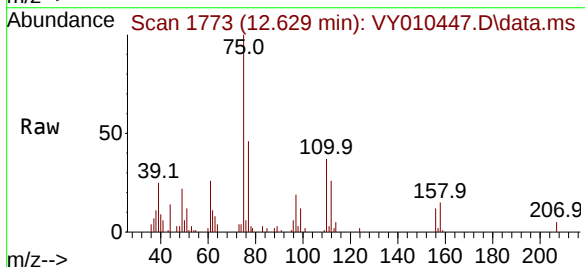
Tgt Ion: 83 Resp: 11520
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 66.3 32.3 96.8

Manual Integrations
APPROVED

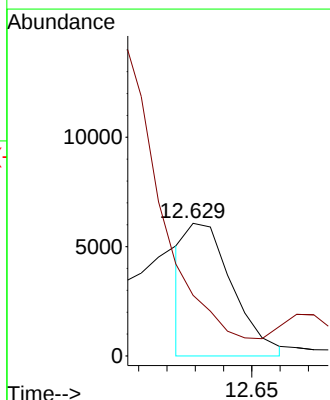
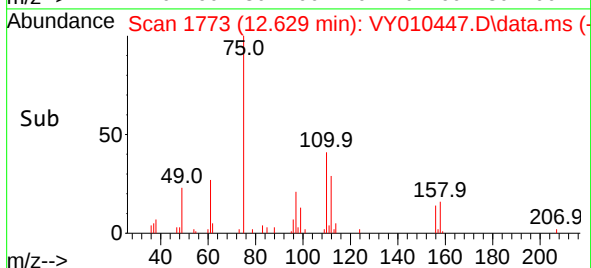
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

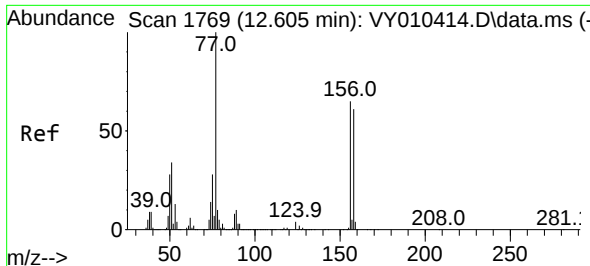


#76
1,2,3-Trichloropropane
Concen: 4.500 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29



Tgt Ion: 75 Resp: 6916
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





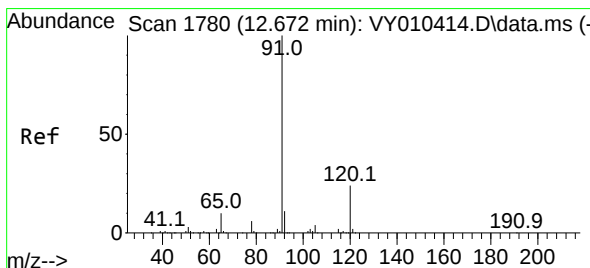
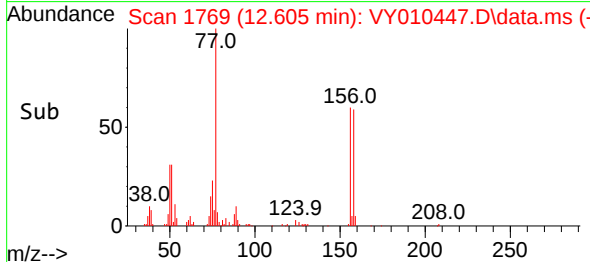
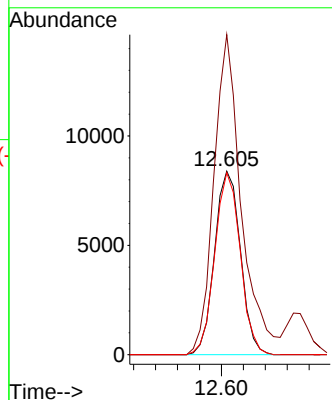
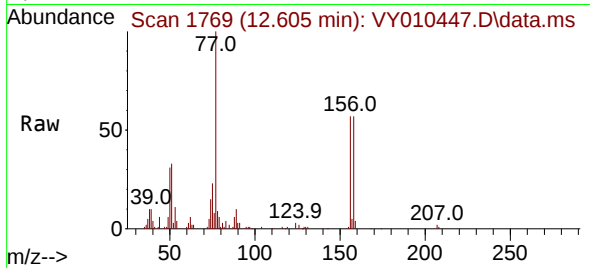
#77
Bromobenzene
Concen: 5.348 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion:156 Resp: 13769
Ion Ratio Lower Upper
156 100
77 185.3 95.5 286.4
158 97.7 48.0 144.0

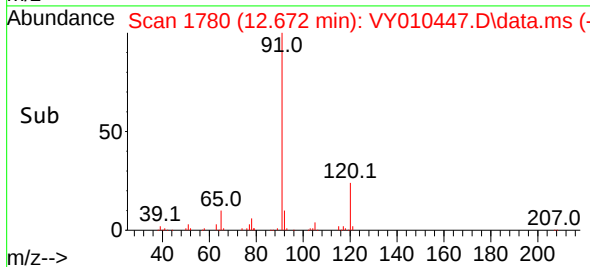
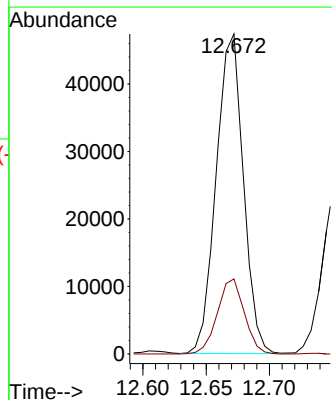
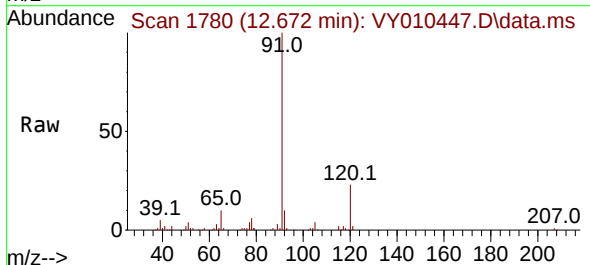
Manual Integrations
APPROVED

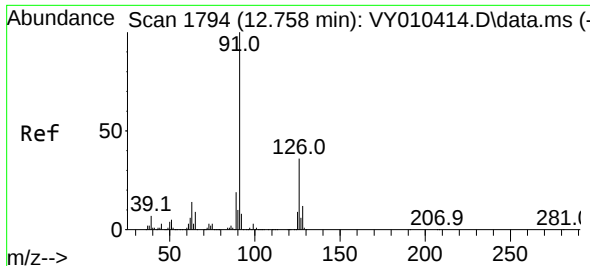
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#78
n-propylbenzene
Concen: 5.495 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion: 91 Resp: 70701
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9





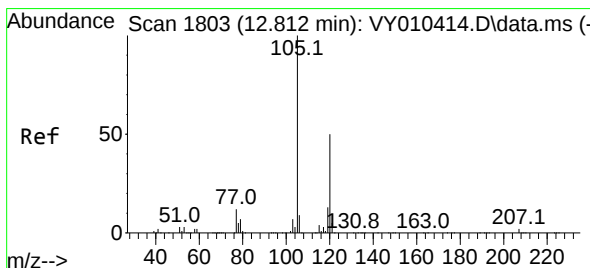
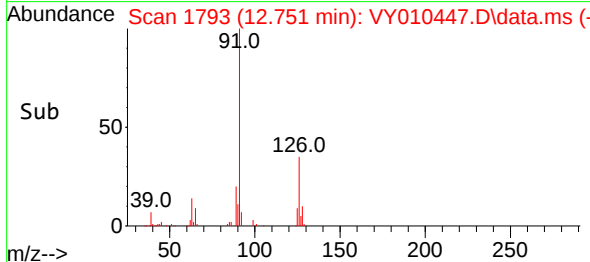
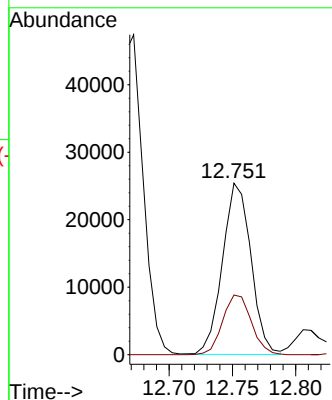
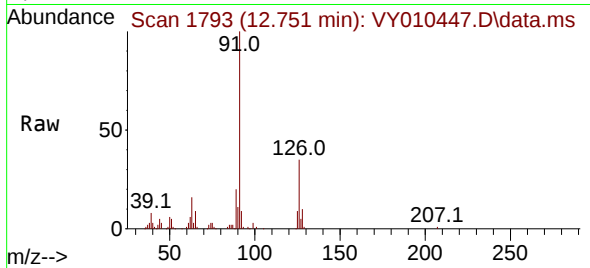
#79
2-Chlorotoluene
Concen: 5.511 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion: 91 Resp: 39834
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.6

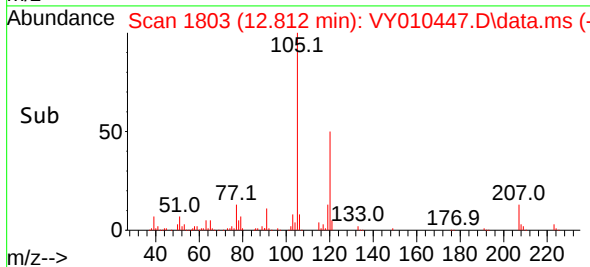
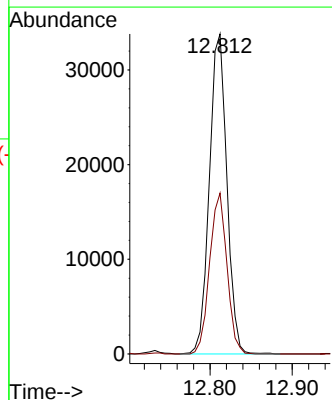
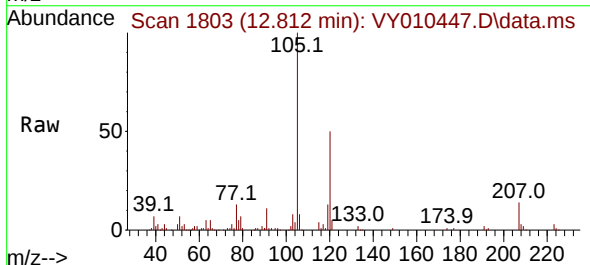
Manual Integrations
APPROVED

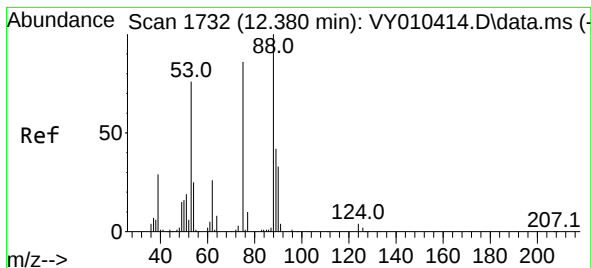
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.451 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

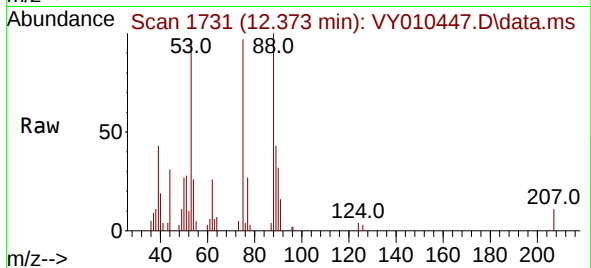
Tgt Ion:105 Resp: 49972
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 5.342 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

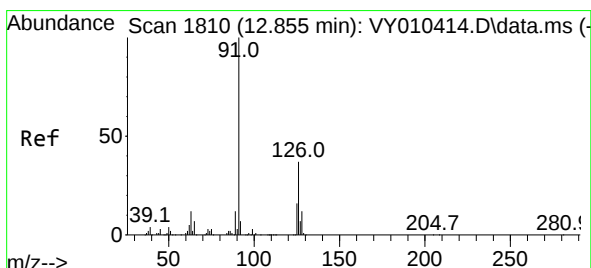
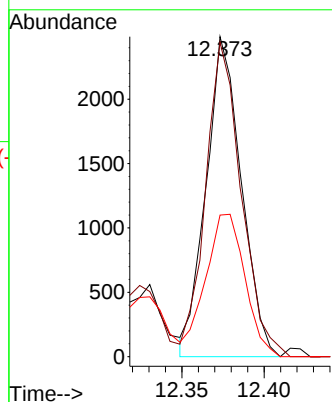
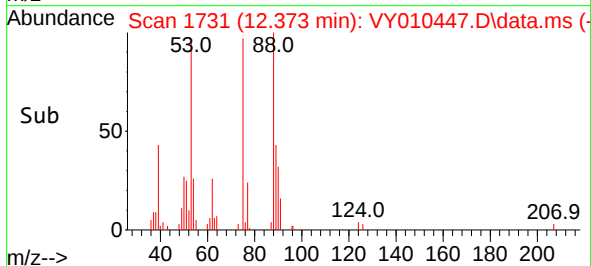
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



Tgt Ion: 75 Resp: 3698
Ion Ratio Lower Upper
75 100
53 99.2 85.3 127.9
89 49.8 37.0 55.4

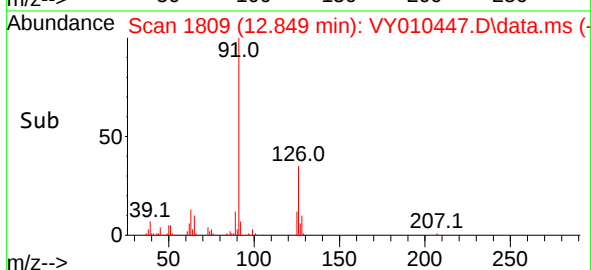
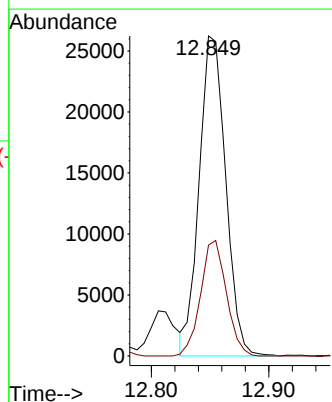
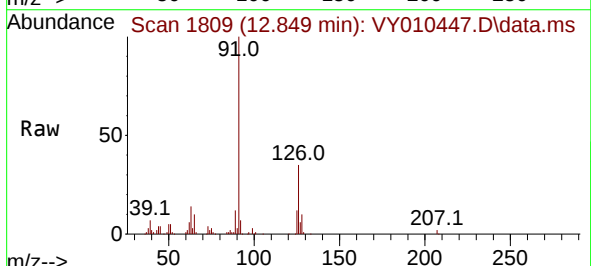
Manual Integrations
APPROVED

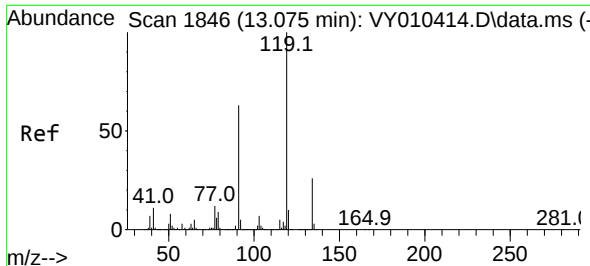
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#82
4-Chlorotoluene
Concen: 5.465 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

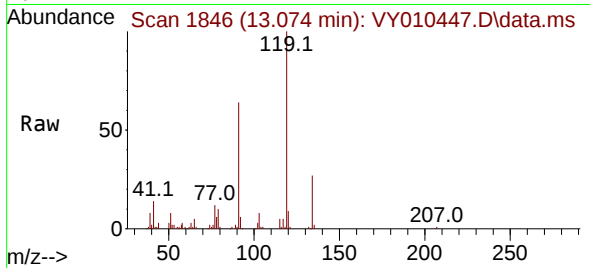
Tgt Ion: 91 Resp: 41096
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0





#83
tert-Butylbenzene
Concen: 5.339 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

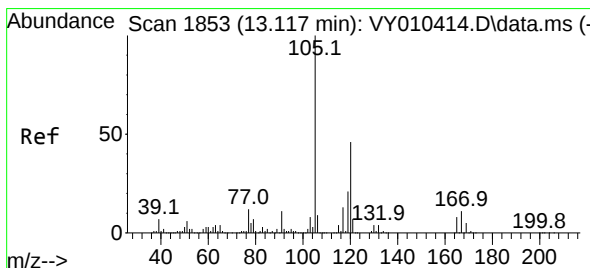
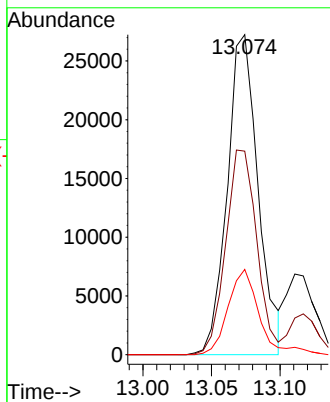
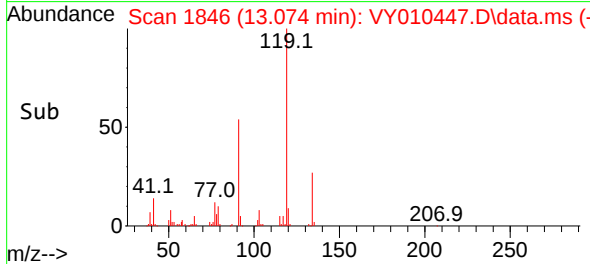
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2022 5.0PPB



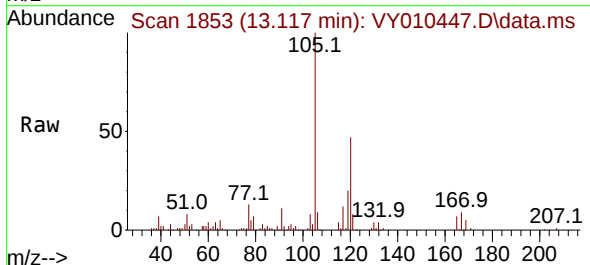
Tgt Ion:119 Resp: 42784
Ion Ratio Lower Upper
119 100
91 64.4 34.8 104.4
134 26.9 13.3 39.9

Manual Integrations
APPROVED

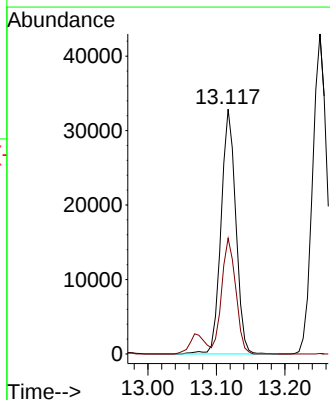
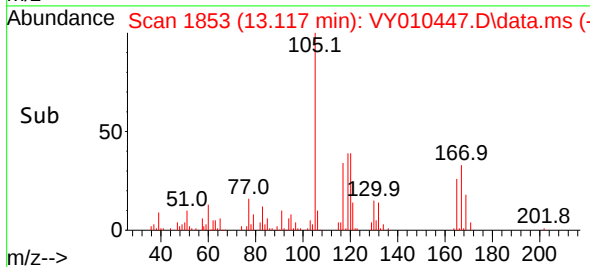
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

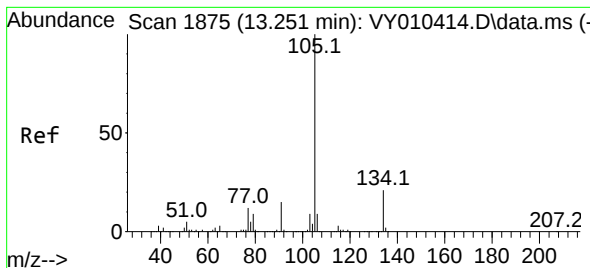


#84
1,2,4-Trimethylbenzene
Concen: 5.436 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29



Tgt Ion:105 Resp: 48766
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 5.331 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion:105 Resp: 6325

Ion Ratio Lower Upper

105 100

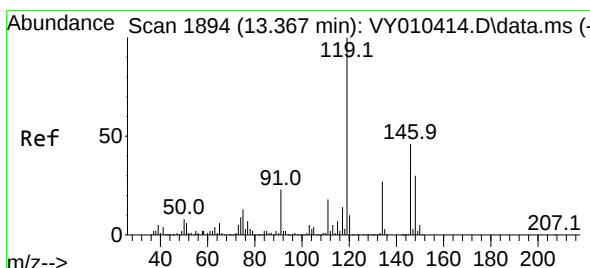
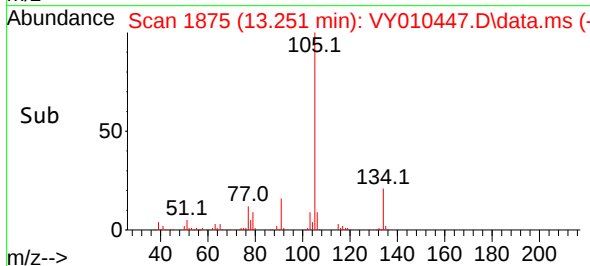
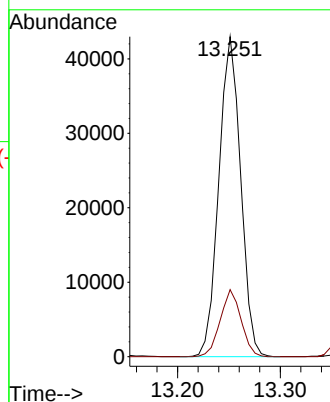
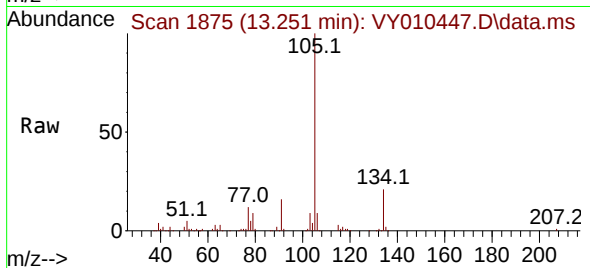
134 20.1 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#86

p-Isopropyltoluene

Concen: 5.061 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

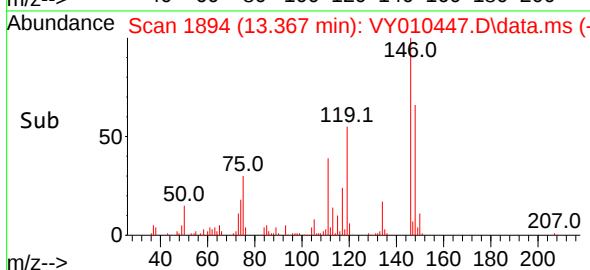
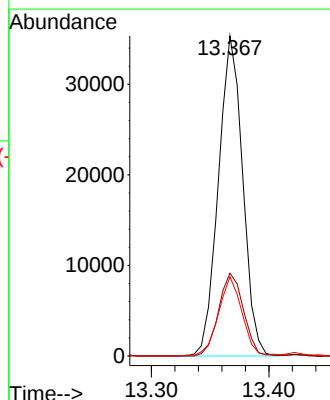
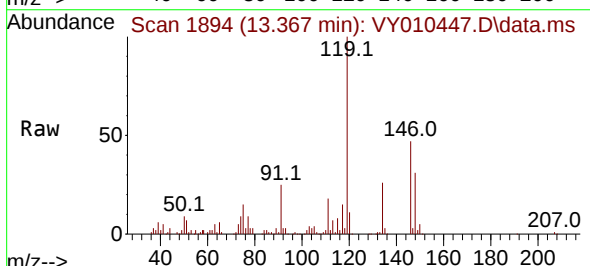
Tgt Ion:119 Resp: 50794

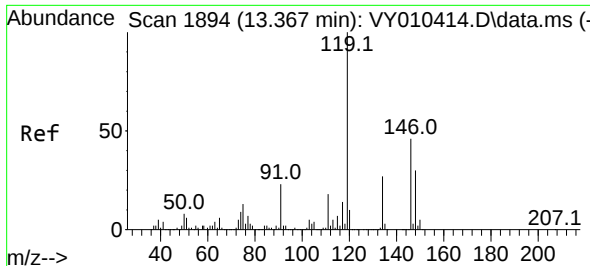
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 24.2 12.4 37.2





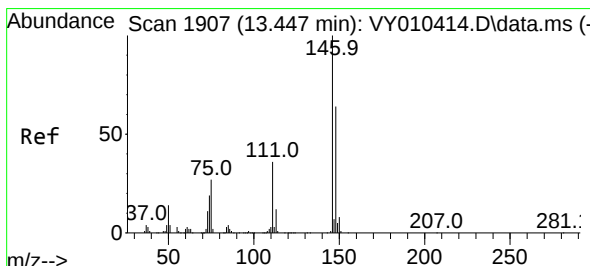
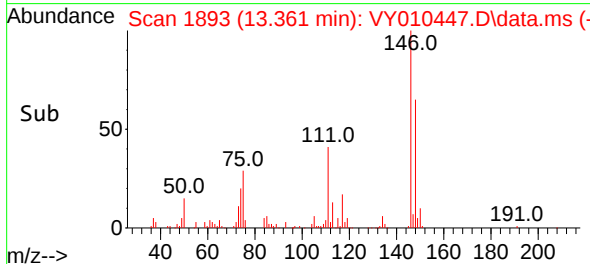
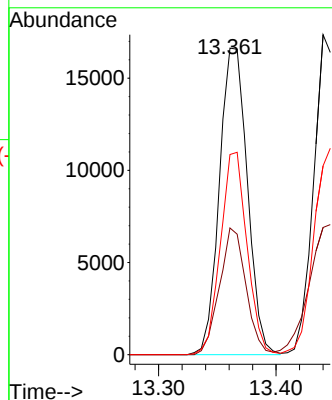
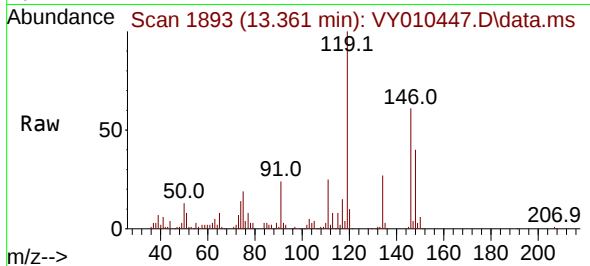
#87
1,3-Dichlorobenzene
Concen: 5.316 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB

Tgt Ion:146 Resp: 2748
Ion Ratio Lower Upper
146 100
111 39.2 19.5 58.5
148 62.9 31.6 95.0

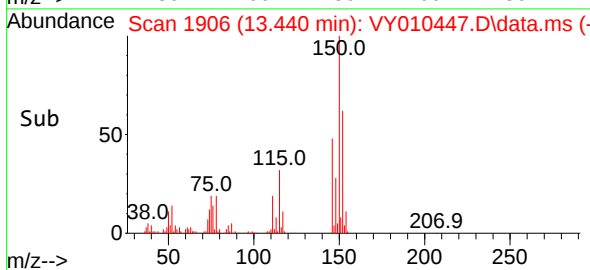
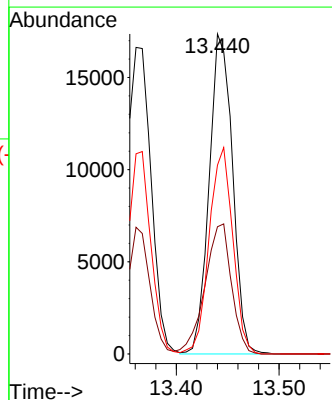
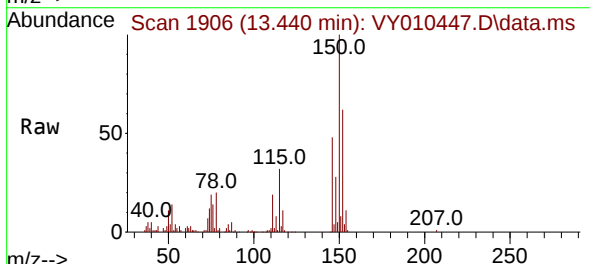
Manual Integrations
APPROVED

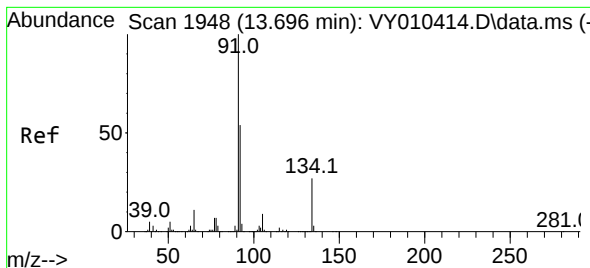
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022



#88
1,4-Dichlorobenzene
Concen: 5.345 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.007 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

Tgt Ion:146 Resp: 27363
Ion Ratio Lower Upper
146 100
111 46.4 19.3 57.8
148 65.3 32.6 97.8





#89

n-Butylbenzene

Concen: 5.225 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY010447.D

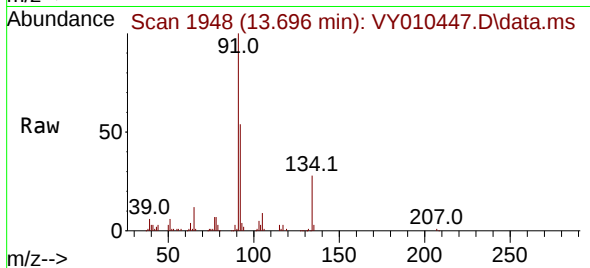
Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB



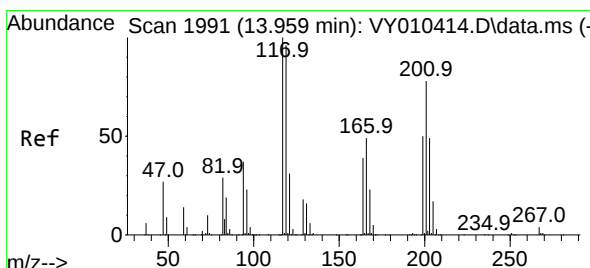
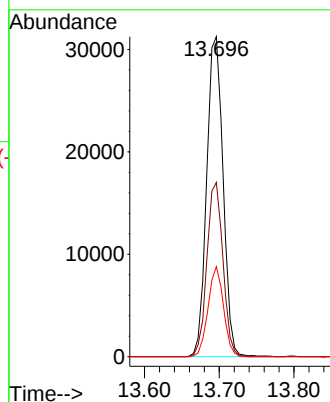
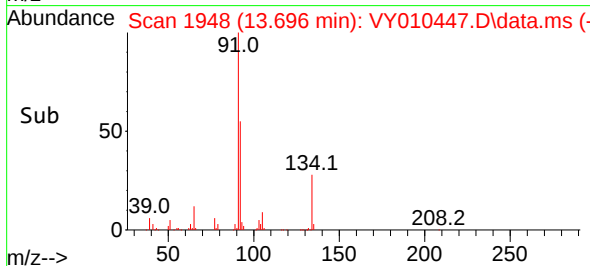
Tgt Ion:	91	Resp:	47600
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.3	78.9
134	26.5	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#90

Hexachloroethane

Concen: 5.782 ug/l

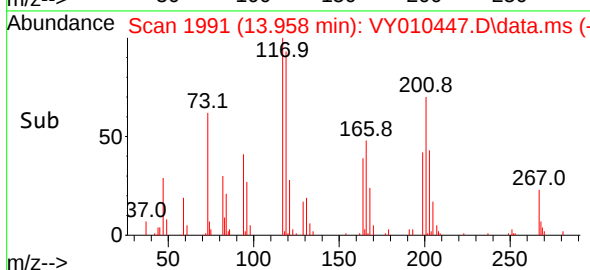
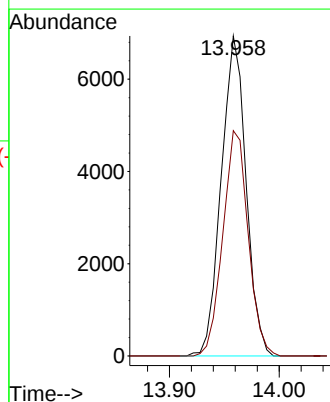
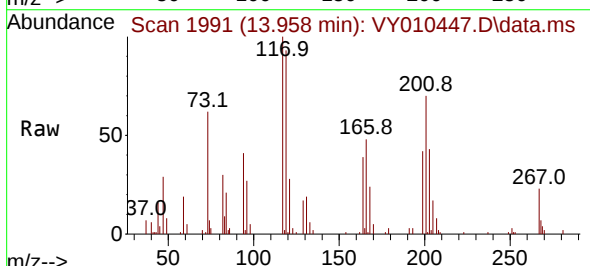
RT: 13.958 min Scan# 1991

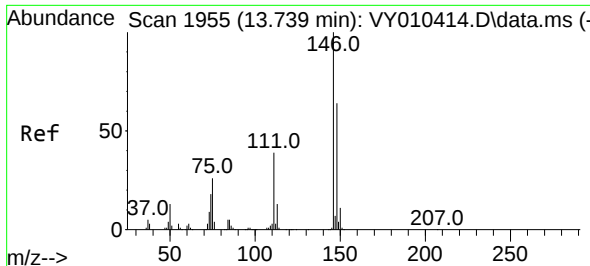
Delta R.T. -0.001 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

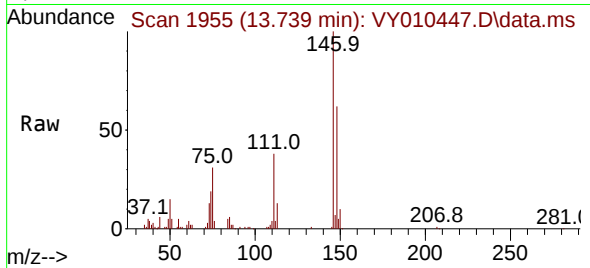
Tgt Ion:	117	Resp:	10896
Ion	Ratio	Lower	Upper
117	100		
201	72.0	43.0	128.8





#91
1,2-Dichlorobenzene
Concen: 5.326 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29

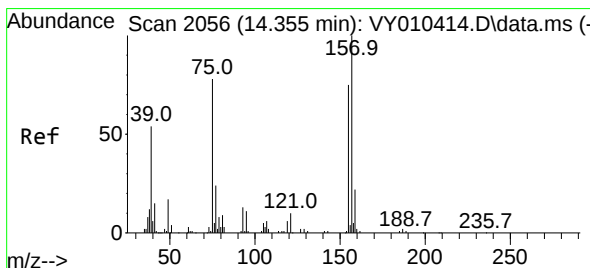
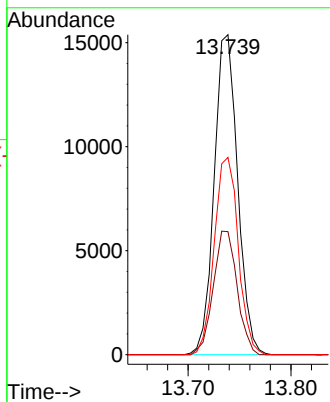
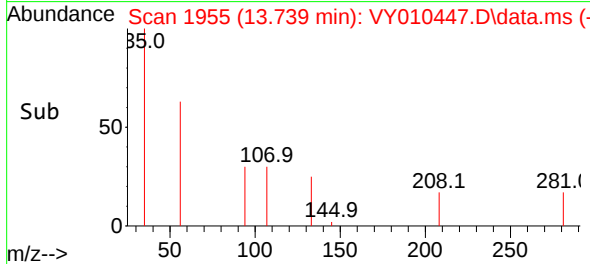
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2022 5.0PPB



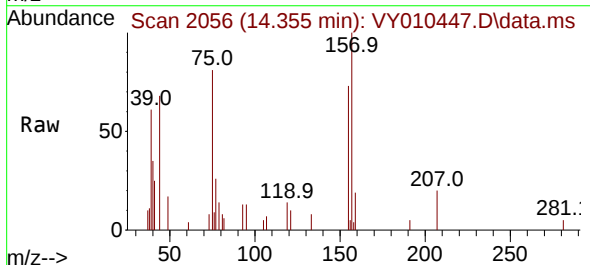
Tgt Ion:146 Resp: 2438
Ion Ratio Lower Upper
146 100
111 39.3 20.3 60.9
148 63.0 32.3 96.9

Manual Integrations
APPROVED

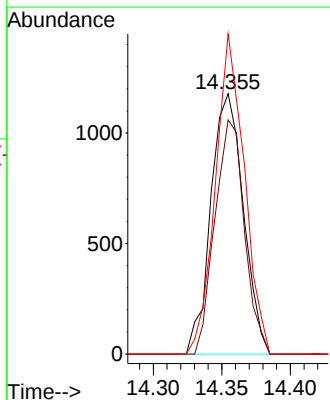
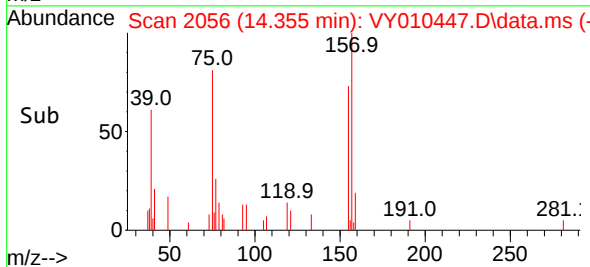
Reviewed By :Krupa Patel 09/13/2022
Supervised By :Mahesh Dadoda 09/13/2022

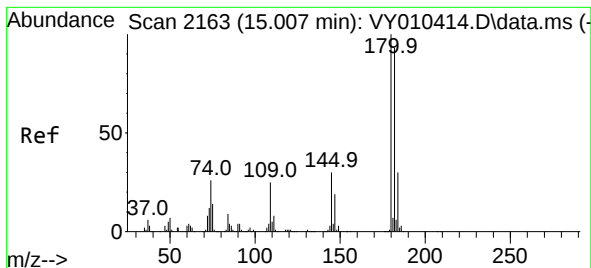


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.660 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010447.D
Acq: 12 Sep 2022 16:29



Tgt Ion: 75 Resp: 1942
Ion Ratio Lower Upper
75 100
155 81.6 38.0 113.9
157 109.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.882 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

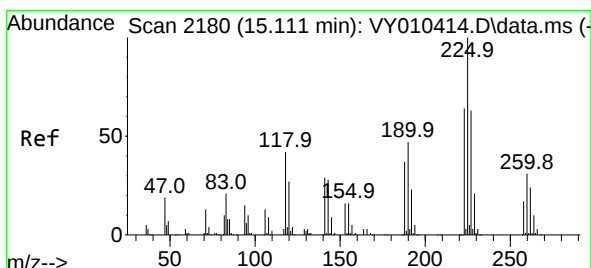
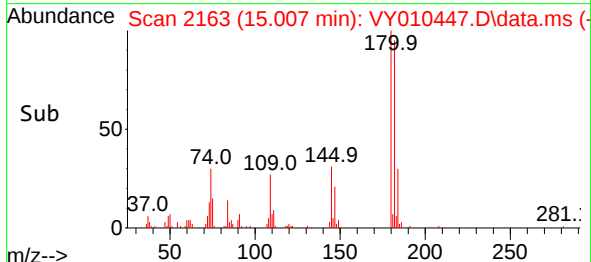
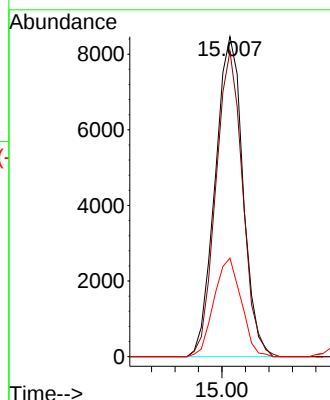
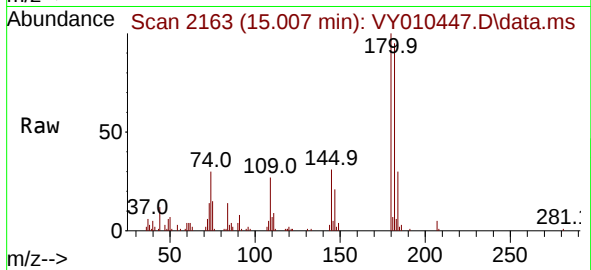
Tgt Ion:180	Resp:	1388
Ion Ratio	Lower	Upper
180	100	
182	92.0	47.3 141.9
145	30.1	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#94

Hexachlorobutadiene

Concen: 5.119 ug/l

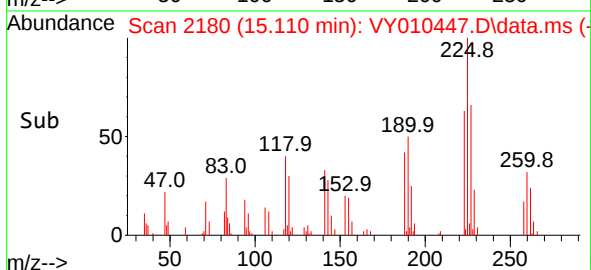
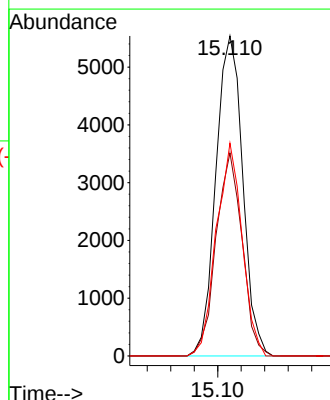
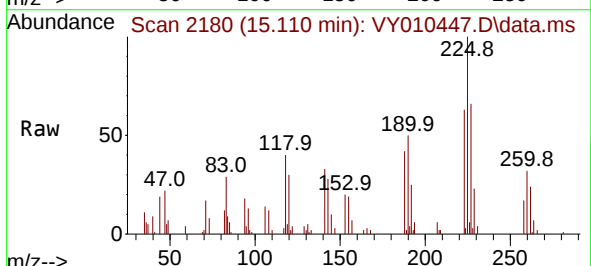
RT: 15.110 min Scan# 2180

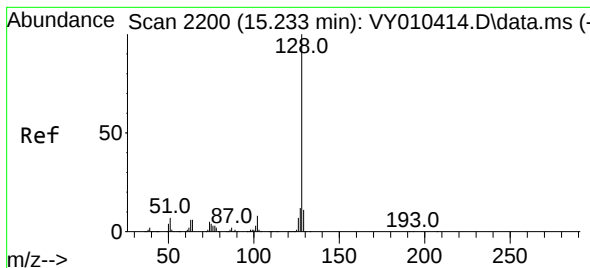
Delta R.T. -0.001 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Tgt Ion:225	Resp:	8784
Ion Ratio	Lower	Upper
225	100	
223	61.5	30.8 92.3
227	63.8	31.6 94.7





#95

Naphthalene

Concen: 4.536 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2022 5.0PPB

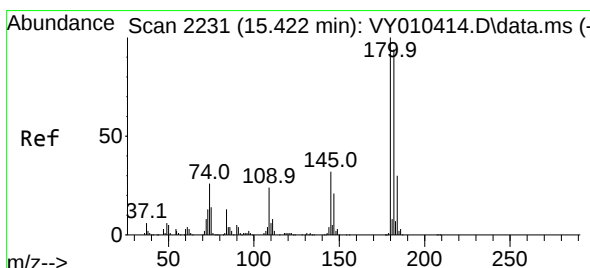
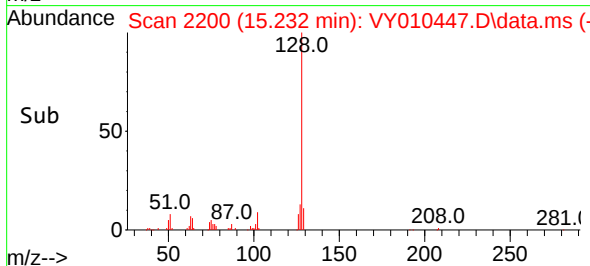
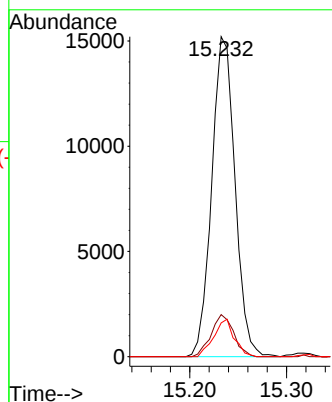
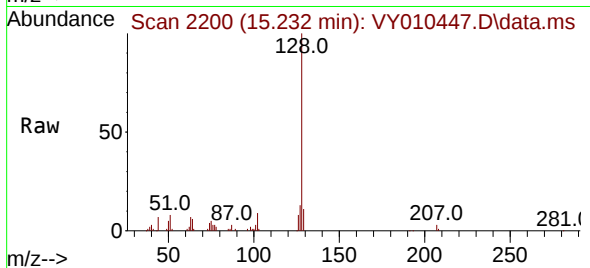
Tgt Ion:128	Resp:	2544
Ion Ratio	Lower	Upper
128	100	
127	12.7	11.0 16.4
129	10.3	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/13/2022

Supervised By :Mahesh Dadoda 09/13/2022



#96

1,2,3-Trichlorobenzene

Concen: 4.650 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.001 min

Lab File: VY010447.D

Acq: 12 Sep 2022 16:29

Tgt Ion:180	Resp:	11544
Ion Ratio	Lower	Upper
180	100	
182	92.9	47.3 141.9
145	34.8	15.3 45.9

