

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010509.D
 Acq On : 15 Sep 2022 14:28
 Operator : KP/MD
 Sample : N3980-01 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Sep 16 04:55:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 16 04:54:10 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	204627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	294813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	111730	54.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.420%	
35) Dibromofluoromethane	7.710	113	108856	46.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.440%	
50) Toluene-d8	10.179	98	394157	52.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.477	95	140251	40.478	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	9528	6.077	ug/l	100
3) Chloromethane	2.107	50	10399	4.523	ug/l	96
4) Vinyl Chloride	2.247	62	12622	4.450	ug/l	97
5) Bromomethane	2.650	94	9675	4.869	ug/l	100
6) Chloroethane	2.790	64	8971	4.729	ug/l	94
7) Trichlorofluoromethane	3.113	101	16664	4.638	ug/l	99
8) Diethyl Ether	3.528	74	5458	4.691	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	9701	4.612	ug/l	96
10) Methyl Iodide	4.088	142	10281	3.950	ug/l	93
11) Tert butyl alcohol	4.936	59	10005	35.941	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	8490	4.302	ug/l	87
13) Acrolein	3.729	56	3309m	16.830	ug/l	
14) Allyl chloride	4.479	41	12504	4.400	ug/l #	94
15) Acrylonitrile	5.161	53	12864	22.838	ug/l	99
16) Acetone	3.942	43	13416	28.366	ug/l	93
17) Carbon Disulfide	4.186	76	21706	4.068	ug/l	99
18) Methyl Acetate	4.479	43	9620	6.612	ug/l #	87
19) Methyl tert-butyl Ether	5.204	73	23881	4.382	ug/l #	90
20) Methylene Chloride	4.710	84	32216	11.161	ug/l #	79
21) trans-1,2-Dichloroethene	5.204	96	9738	4.346	ug/l	86
22) Diisopropyl ether	6.113	45	27386	4.317	ug/l #	91
23) Vinyl Acetate	6.052	43	69869	17.971	ug/l	95
24) 1,1-Dichloroethane	6.009	63	18105	4.714	ug/l	96
25) 2-Butanone	6.984	43	21298	28.335	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	21233	5.794	ug/l	90
27) cis-1,2-Dichloroethene	6.972	96	11576	4.445	ug/l	98
28) Bromochloromethane	7.326	49	6753	5.484	ug/l	85
29) Tetrahydrofuran	7.344	42	10505	22.393	ug/l #	81
30) Chloroform	7.503	83	18788	4.612	ug/l	97
31) Cyclohexane	7.783	56	17718	5.089	ug/l #	62
32) 1,1,1-Trichloroethane	7.698	97	16309	4.421	ug/l	94
36) 1,1-Dichloropropene	7.911	75	13224	4.146	ug/l	95
37) Ethyl Acetate	7.070	43	7879	4.699	ug/l #	89
38) Carbon Tetrachloride	7.893	117	15086	4.252	ug/l	97
39) Methylcyclohexane	9.179	83	16381	4.119	ug/l	91
40) Benzene	8.155	78	40691	4.432	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	3280m	3.422	ug/l	
42) 1,2-Dichloroethane	8.234	62	12518	4.585	ug/l	94
43) Isopropyl Acetate	8.271	43	13085	4.264	ug/l #	91
44) Trichloroethene	8.935	130	11382	4.211	ug/l	97
45) 1,2-Dichloropropane	9.210	63	9757	4.357	ug/l	96
46) Dibromomethane	9.301	93	6116	4.529	ug/l	97
47) Bromodichloromethane	9.490	83	14059	4.383	ug/l	99
48) Methyl methacrylate	9.289	41	5312	3.855	ug/l #	79
49) 1,4-Dioxane	9.307	88	1642	91.858	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	35088	20.848	ug/l	88
52) Toluene	10.240	92	25863	4.305	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	13870	4.202	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	15535	4.173	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	8549	4.451	ug/l	97
56) Ethyl methacrylate	10.508	69	9584	3.799	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	14116	4.420	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	24829	28.932	ug/l	93
59) 2-Hexanone	10.831	43	22803	19.876	ug/l	88
60) Dibromochloromethane	10.984	129	9996	4.258	ug/l	97
61) 1,2-Dibromoethane	11.087	107	8034	4.309	ug/l	99
64) Tetrachloroethene	10.715	164	11507	4.330	ug/l	97
65) Chlorobenzene	11.514	112	28625	4.342	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	10169	4.164	ug/l	97
67) Ethyl Benzene	11.593	91	48014	4.115	ug/l	97
68) m/p-Xylenes	11.703	106	36575	7.984	ug/l	94
69) o-Xylene	12.026	106	17538	4.009	ug/l	94
70) Styrene	12.044	104	28816	3.892	ug/l	95
71) Bromoform	12.203	173	6096	3.993	ug/l #	97
73) Isopropylbenzene	12.331	105	46229	3.938	ug/l	97
74) N-amyl acetate	12.142	43	9314	3.400	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	9614	4.378	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	7341m	4.420	ug/l	
77) Bromobenzene	12.611	156	11644	4.186	ug/l	93
78) n-propylbenzene	12.666	91	56453	4.061	ug/l	98
79) 2-Chlorotoluene	12.752	91	32831	4.204	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	41040	4.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	2884	3.856	ug/l	94
82) 4-Chlorotoluene	12.855	91	32422	3.991	ug/l	97
83) tert-Butylbenzene	13.075	119	33920	3.918	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	39696	4.096	ug/l	100
85) sec-Butylbenzene	13.251	105	49544	3.864	ug/l	98
86) p-Isopropyltoluene	13.367	119	41500	3.827	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	22804	4.082	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	22829	4.127	ug/l	94
89) n-Butylbenzene	13.697	91	38149	3.875	ug/l	99
90) Hexachloroethane	13.959	117	8463	4.156	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	20430	4.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1583	4.270	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	11215	3.649	ug/l	98
94) Hexachlorobutadiene	15.111	225	7308	3.941	ug/l	97
95) Naphthalene	15.233	128	21813	3.599	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	10030	3.739	ug/l	97

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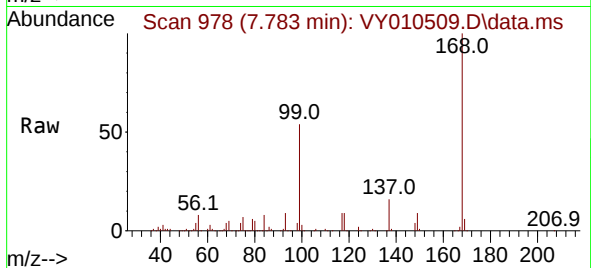
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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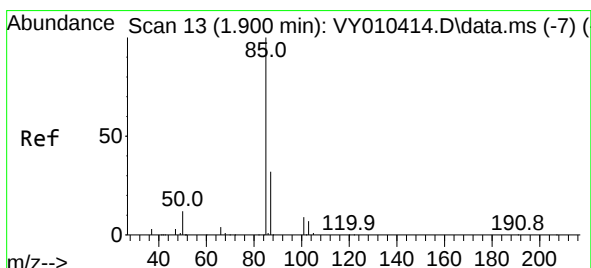
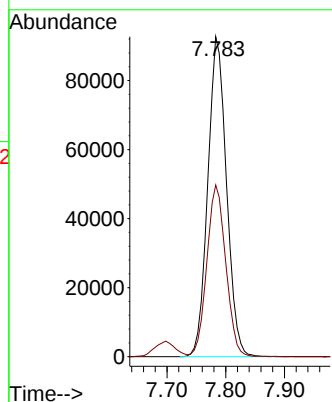
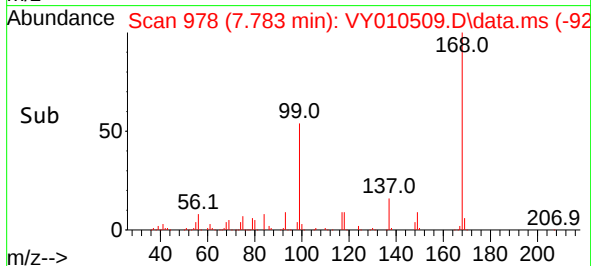
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:168 Resp: 20462
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3

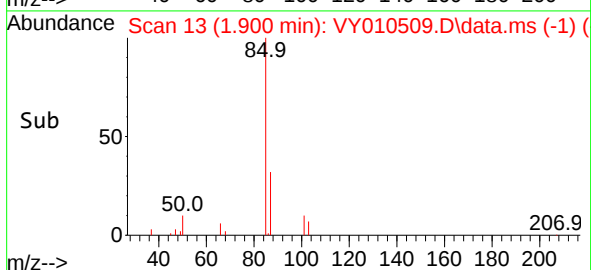
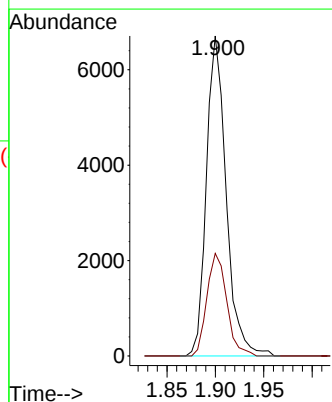
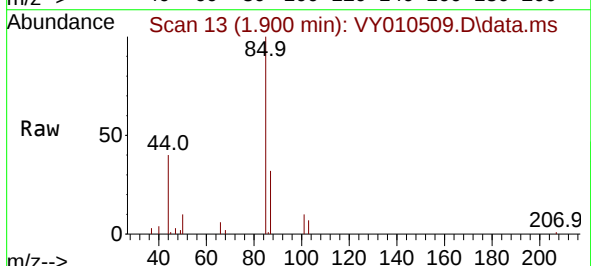
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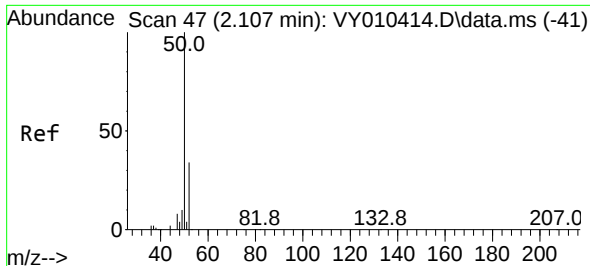
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Supervised By :Mahesh Dadoda 09/16/2022



#2
Dichlorodifluoromethane
Concen: 6.077 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

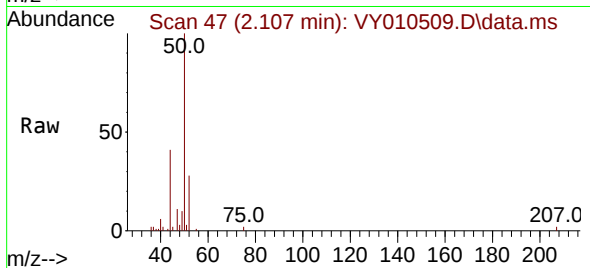
Tgt Ion: 85 Resp: 9528
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





#3
Chloromethane
Concen: 4.523 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

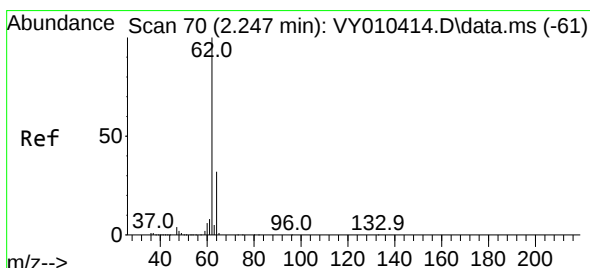
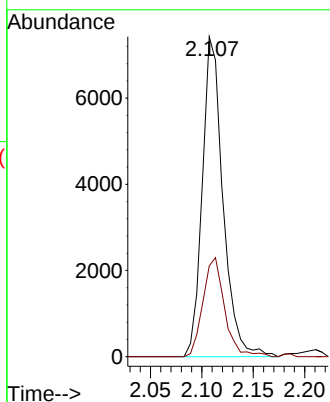
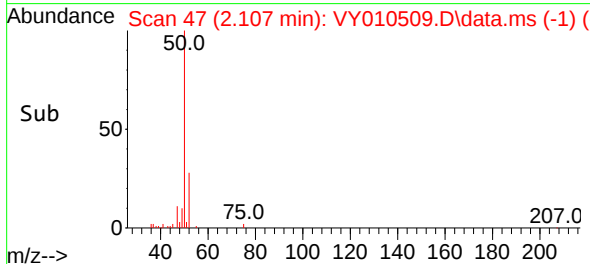
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Tgt Ion: 50 Resp: 10399
Ion Ratio Lower Upper
50 100
52 28.4 24.6 37.0

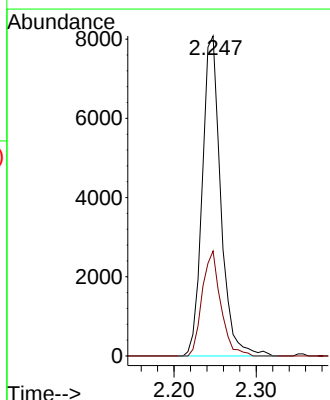
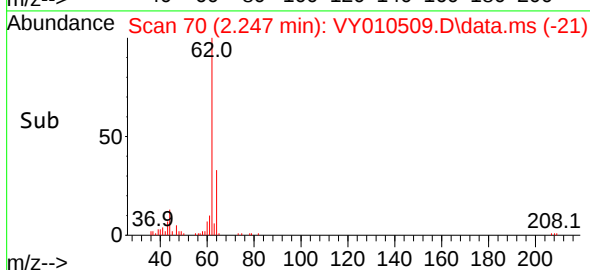
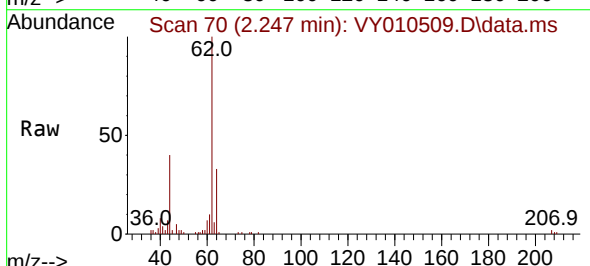
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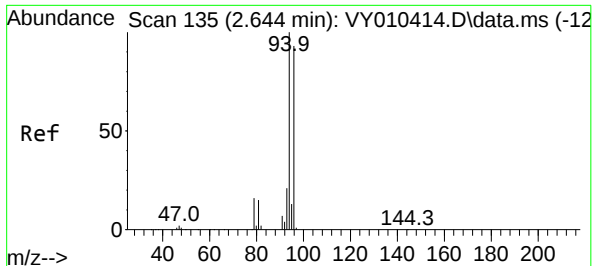
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#4
Vinyl Chloride
Concen: 4.450 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010509.D
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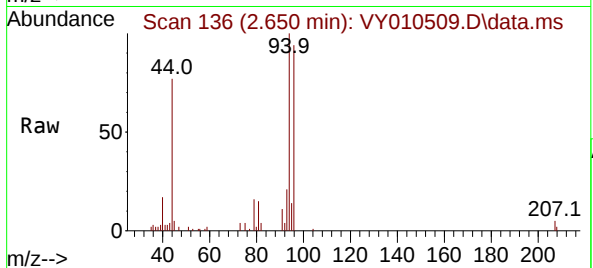
Tgt Ion: 62 Resp: 12622
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6





#5
Bromomethane
Concen: 4.869 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

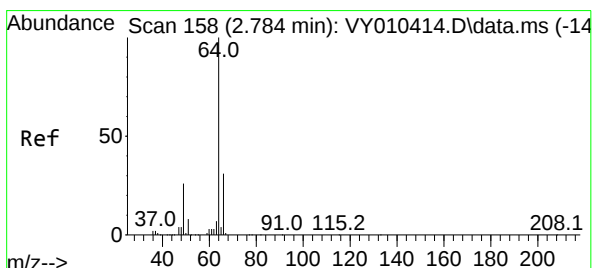
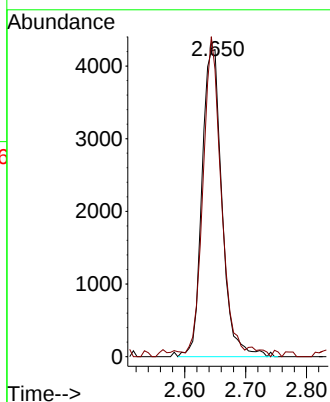
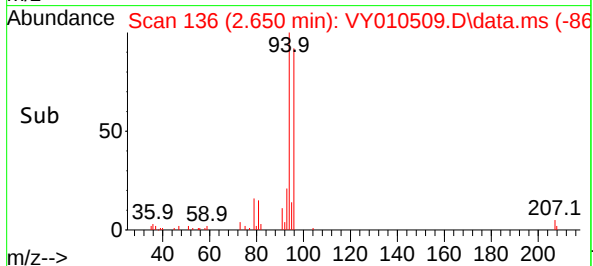
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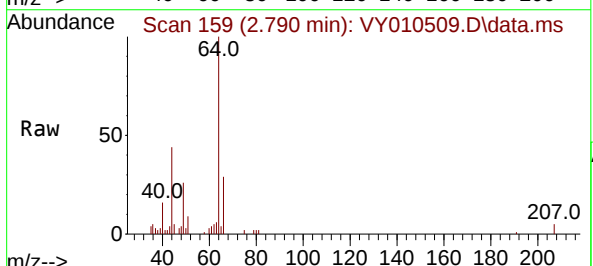
Tgt Ion: 94 Resp: 967
Ion Ratio Lower Upper
94 100
96 92.1 73.5 110.3

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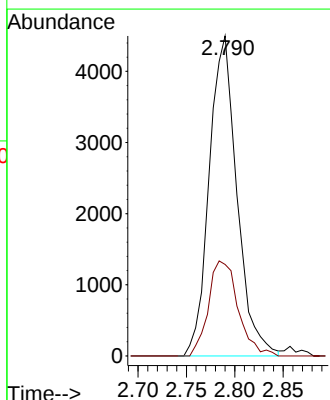
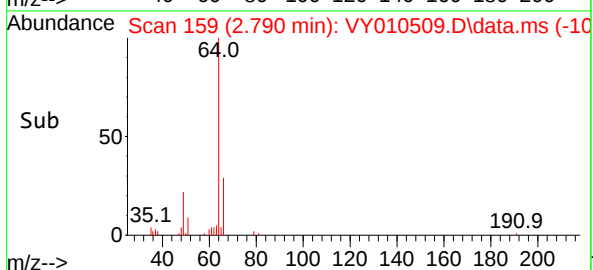
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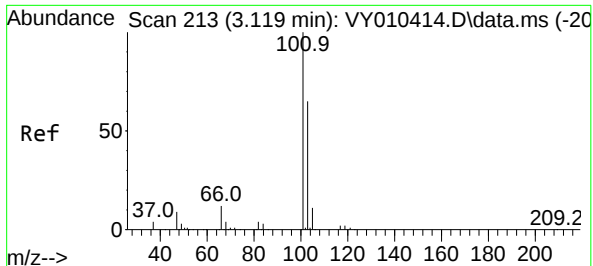


#6
Chloroethane
Concen: 4.729 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



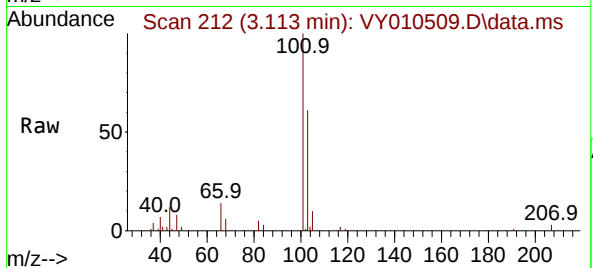
Tgt Ion: 64 Resp: 8971
Ion Ratio Lower Upper
64 100
66 28.6 25.4 38.0





#7
Trichlorofluoromethane
Concen: 4.638 ug/l
RT: 3.113 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY010509.D
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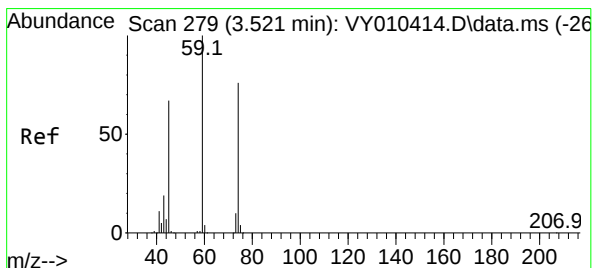
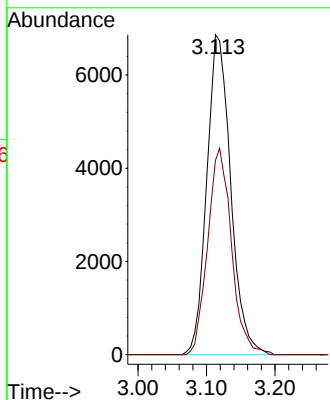
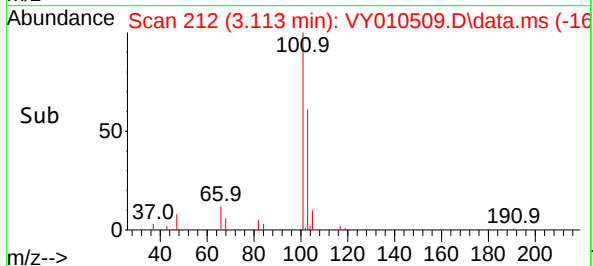
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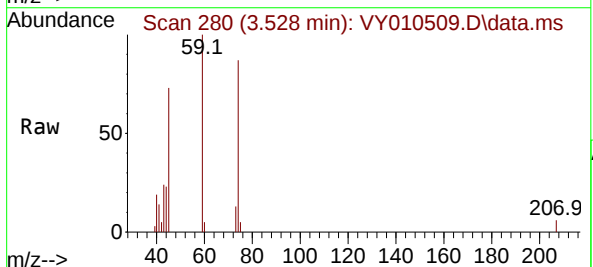
Tgt Ion:101 Resp: 1666
Ion Ratio Lower Upper
101 100
103 60.7 48.0 72.0

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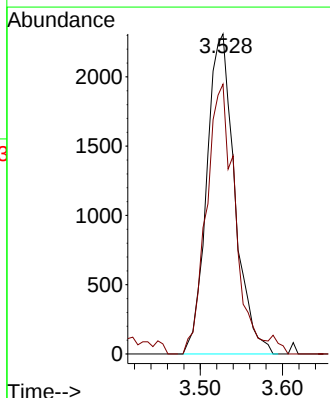
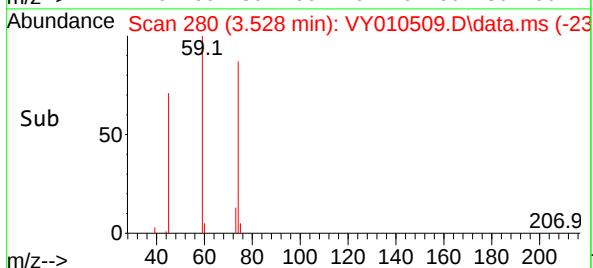
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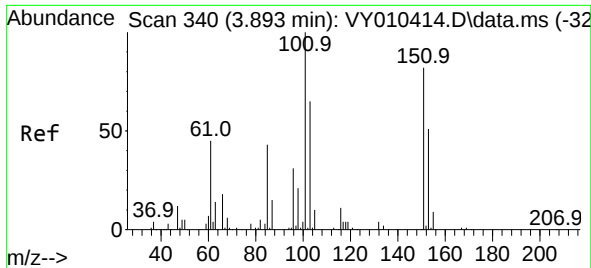


#8
Diethyl Ether
Concen: 4.691 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY010509.D
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Tgt Ion: 74 Resp: 5458
Ion Ratio Lower Upper
74 100
45 86.3 55.1 165.5





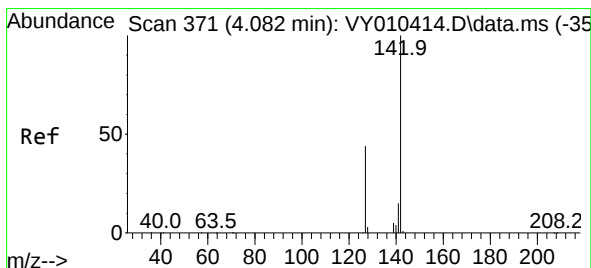
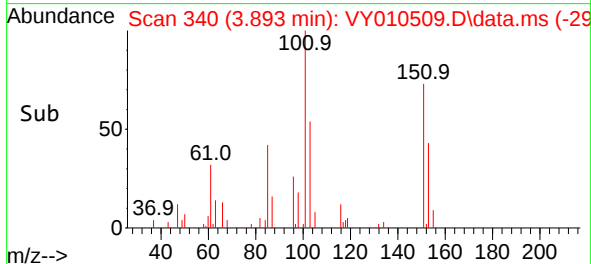
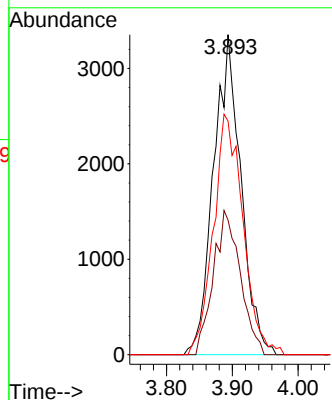
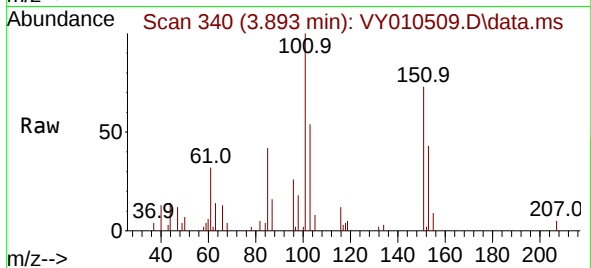
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.612 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:101 Resp: 970
Ion Ratio Lower Upper
101 100
85 44.3 40.6 60.8
151 81.3 64.9 97.3

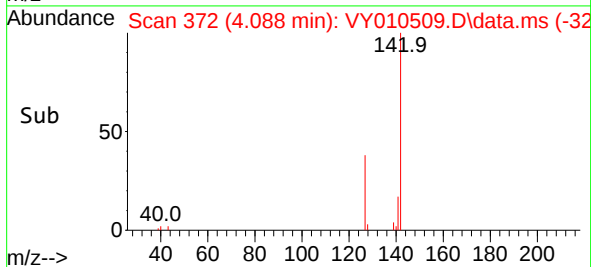
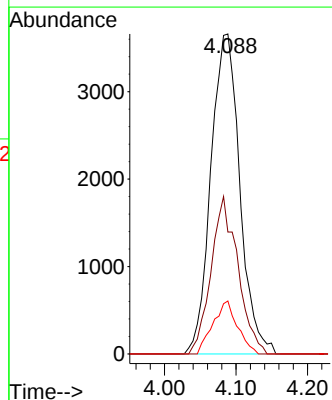
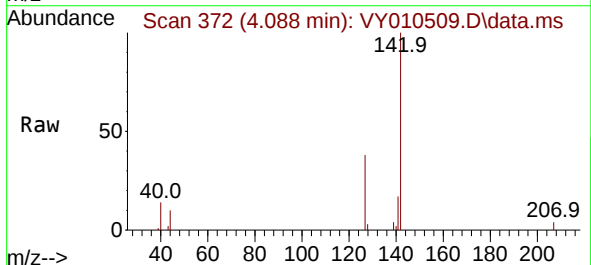
Manual Integrations
APPROVED

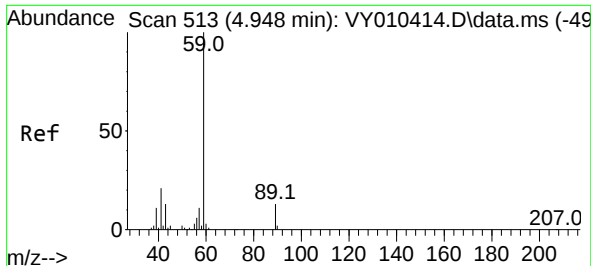
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 3.950 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

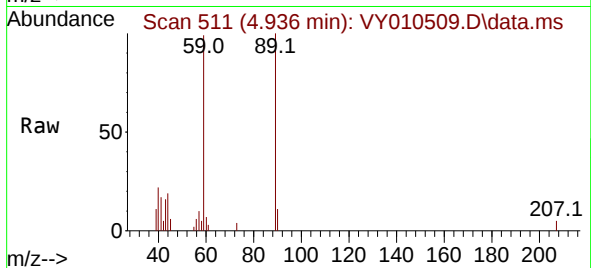
Tgt Ion:142 Resp: 10281
Ion Ratio Lower Upper
142 100
127 45.6 41.5 62.3
141 14.0 11.9 17.9





#11
Tert butyl alcohol
Concen: 35.941 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

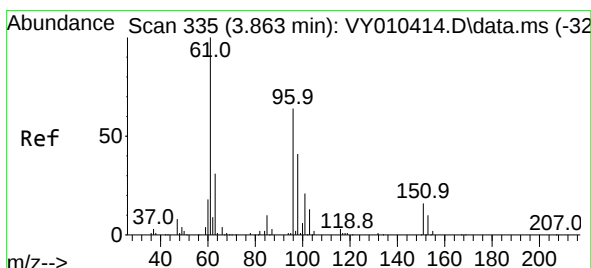
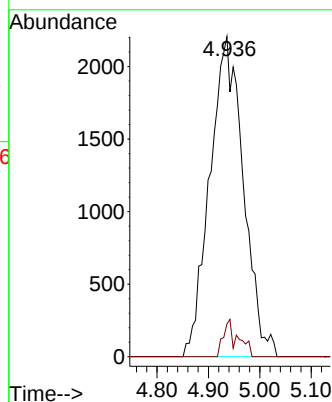
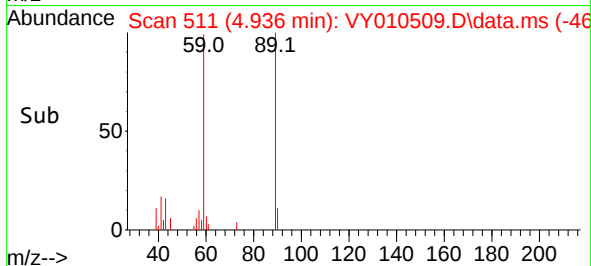
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



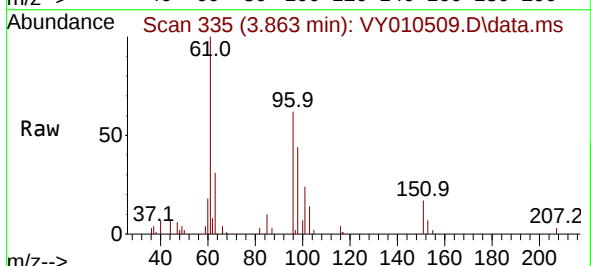
Tgt Ion: 59 Resp: 1000
Ion Ratio Lower Upper
59 100
57 5.0 6.4 9.6

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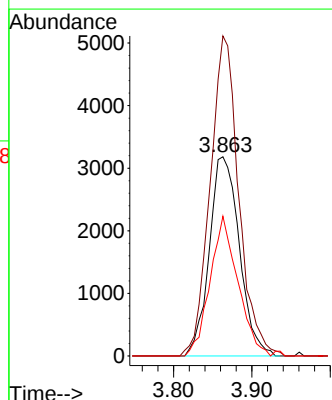
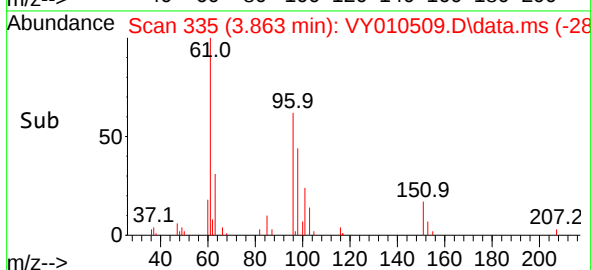
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

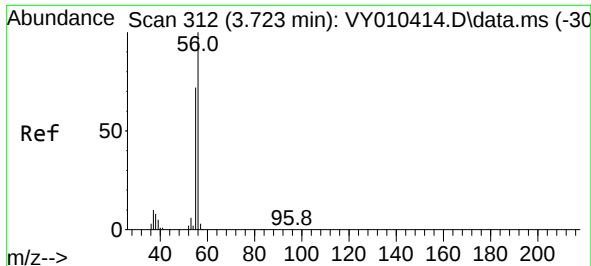


#12
1,1-Dichloroethene
Concen: 4.302 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



Tgt Ion: 96 Resp: 8490
Ion Ratio Lower Upper
96 100
61 160.6 145.8 218.6
98 70.1 52.5 78.7





#13

Acrolein

Concen: 16.830 ug/l m

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 56 Resp: 3309

Ion Ratio Lower Upper

56 100

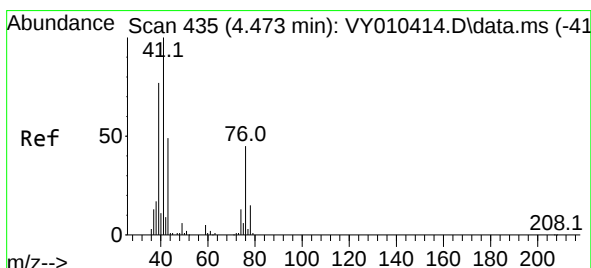
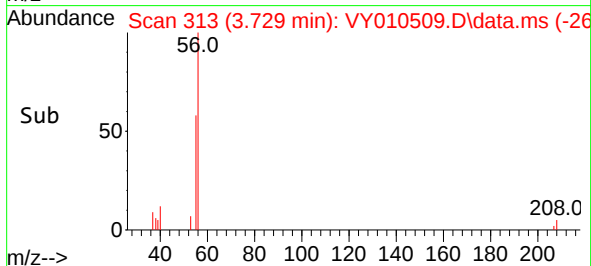
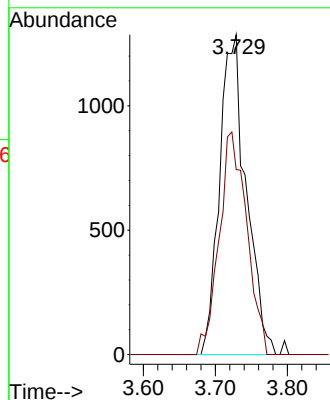
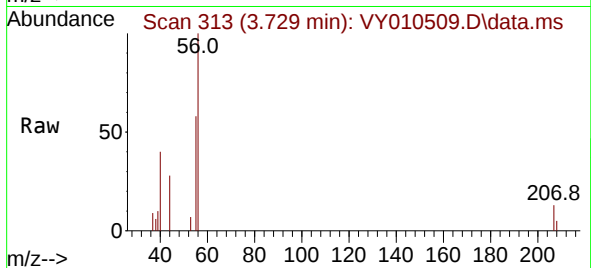
55 0.0 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#14

Allyl chloride

Concen: 4.400 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

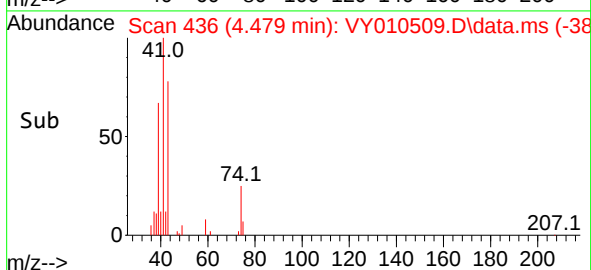
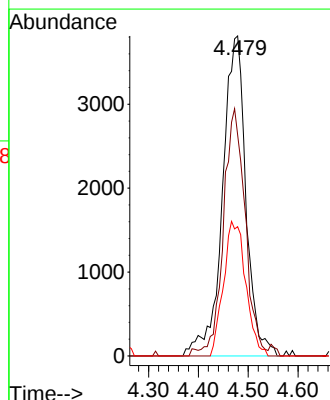
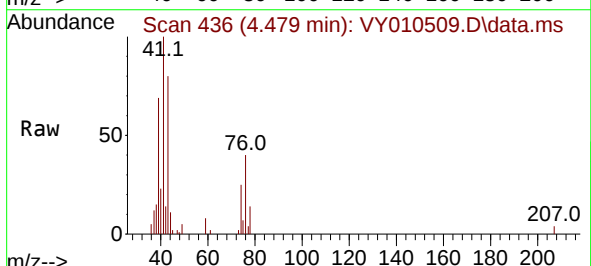
Tgt Ion: 41 Resp: 12504

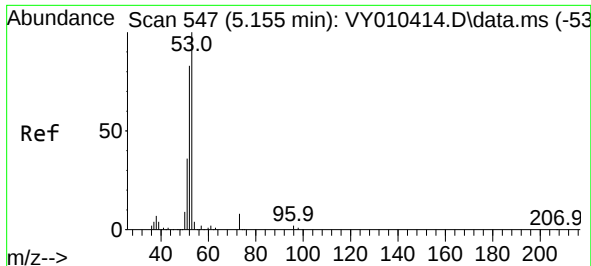
Ion Ratio Lower Upper

41 100

39 71.2 58.8 88.2

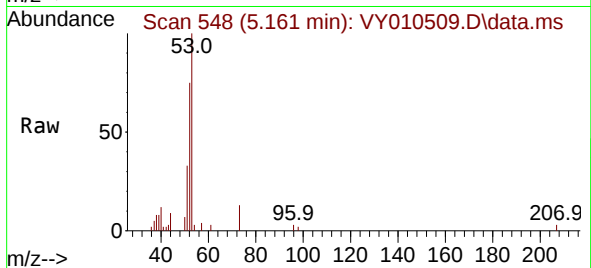
76 39.7 25.1 37.7





#15
Acrylonitrile
Concen: 22.838 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

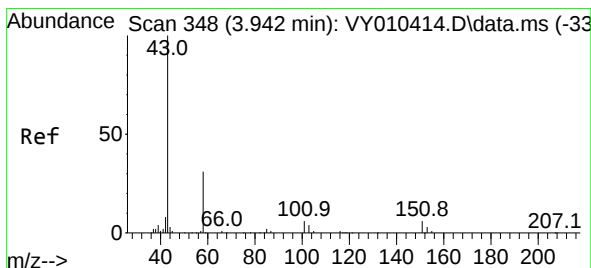
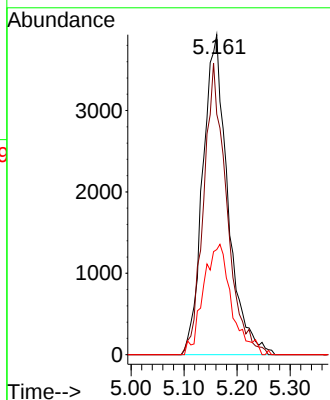
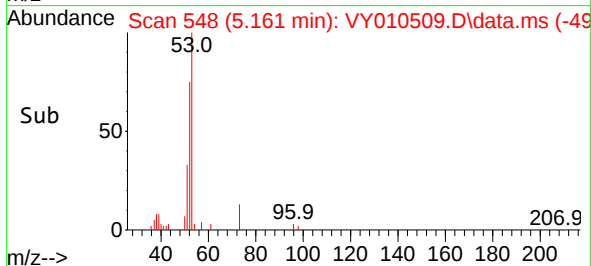
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 53 Resp: 12864
Ion Ratio Lower Upper
53 100
52 84.2 67.0 100.4
51 38.8 29.8 44.6

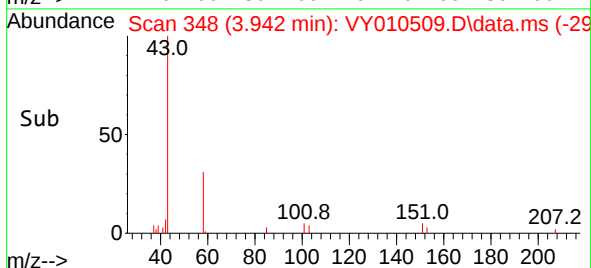
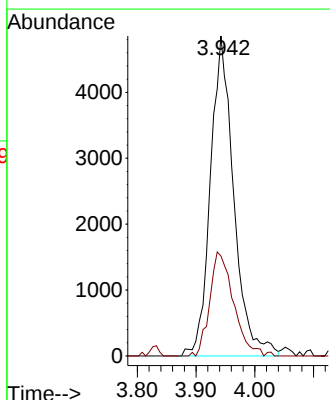
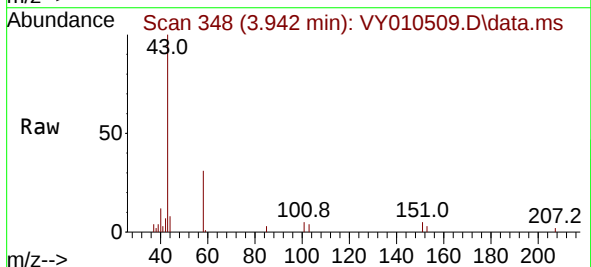
Manual Integrations
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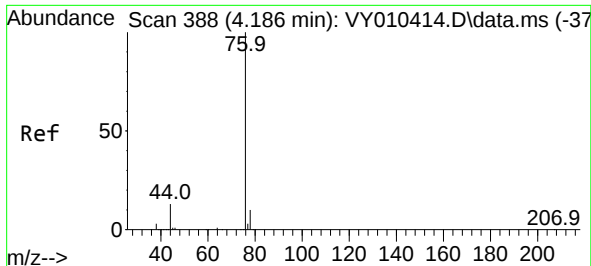
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#16
Acetone
Concen: 28.366 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

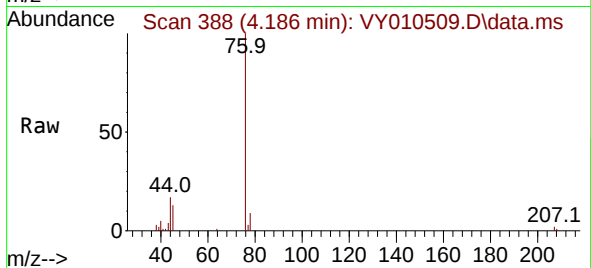
Tgt Ion: 43 Resp: 13416
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0





#17
Carbon Disulfide
Concen: 4.068 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

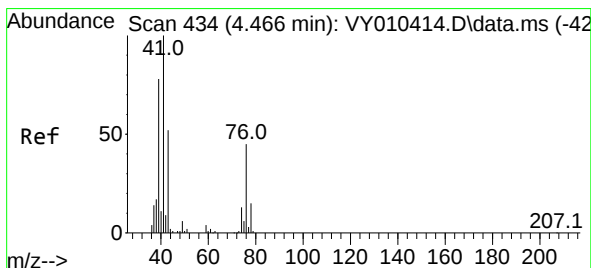
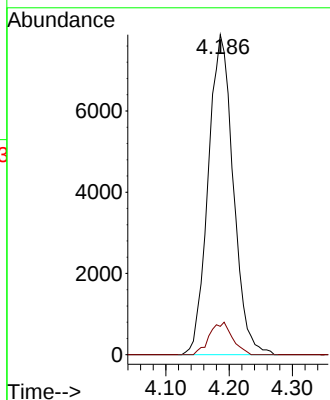
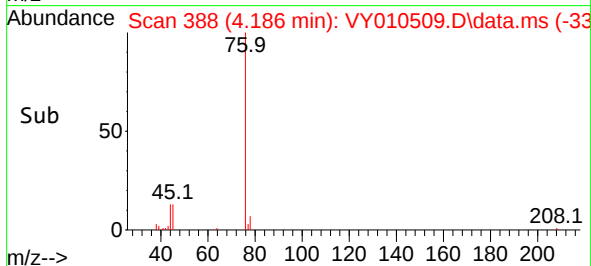
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



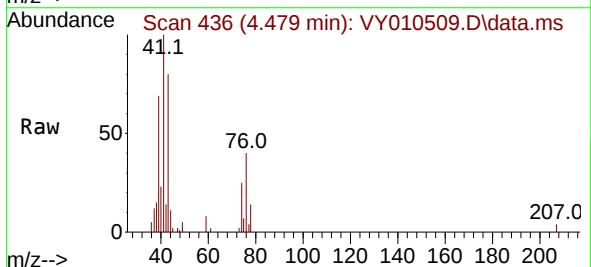
Tgt Ion: 76 Resp: 21700
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

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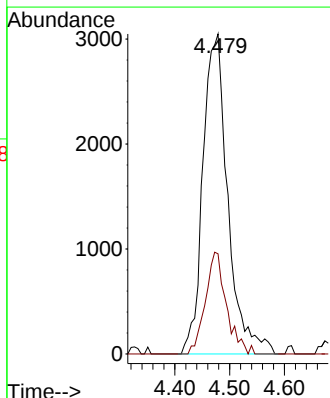
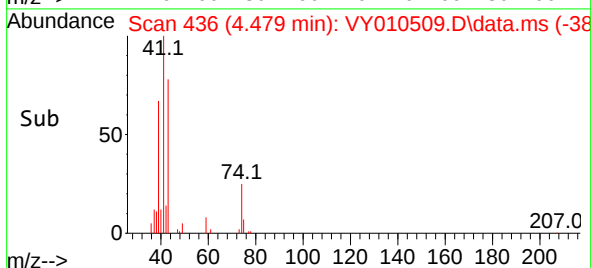
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

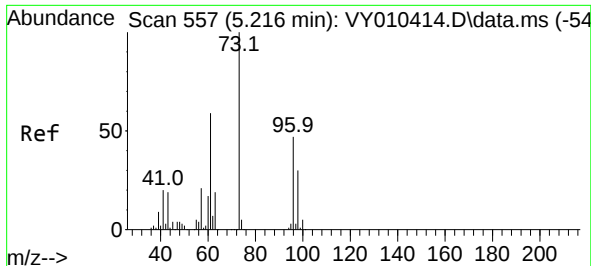


#18
Methyl Acetate
Concen: 6.612 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



Tgt Ion: 43 Resp: 9620
Ion Ratio Lower Upper
43 100
74 26.8 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 4.382 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 73 Resp: 2388

Ion Ratio Lower Upper

73 100

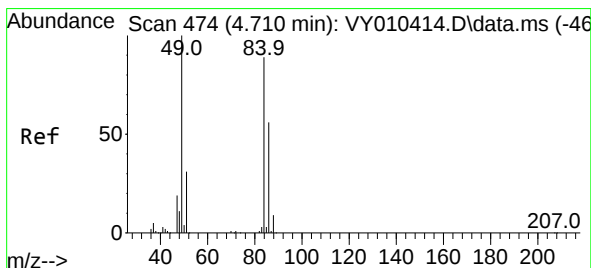
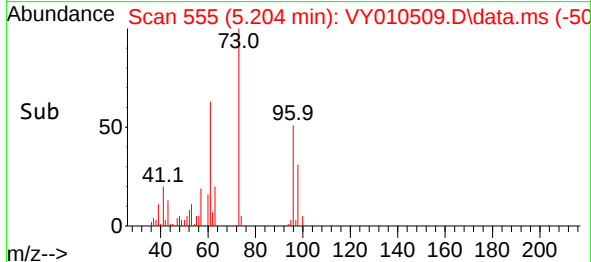
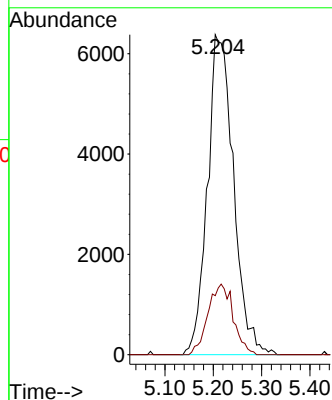
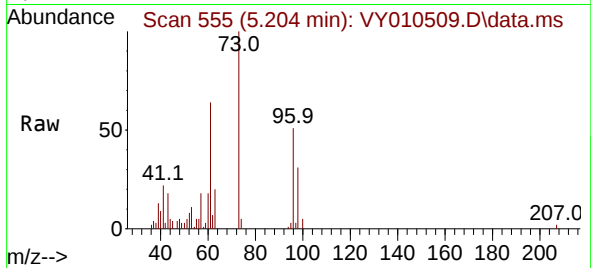
57 18.5 18.6 27.8

Manual Integrations

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Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#20

Methylene Chloride

Concen: 11.161 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Tgt Ion: 84 Resp: 32216

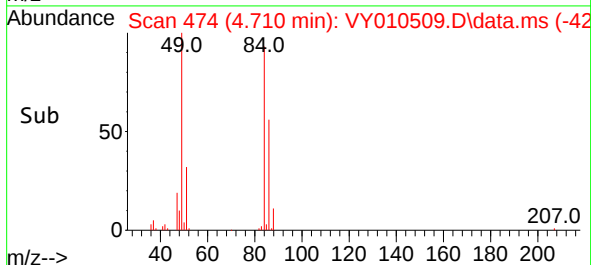
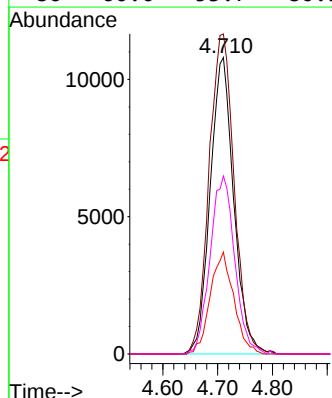
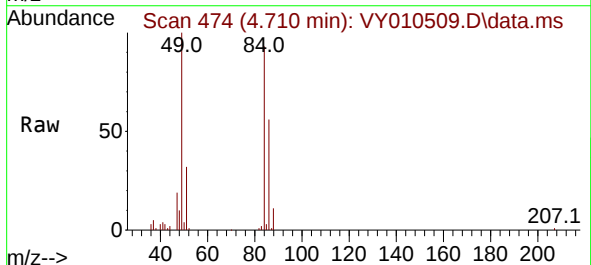
Ion Ratio Lower Upper

84 100

49 107.9 114.4 171.6#

51 34.3 35.3 52.9#

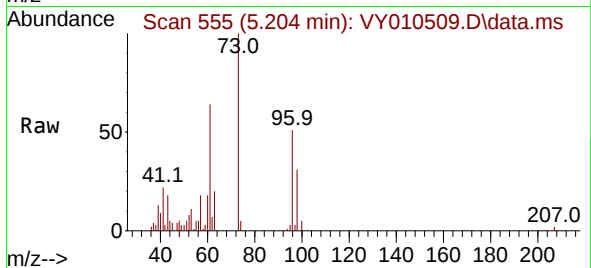
86 60.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 4.346 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

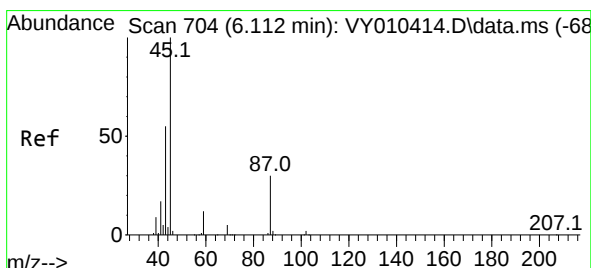
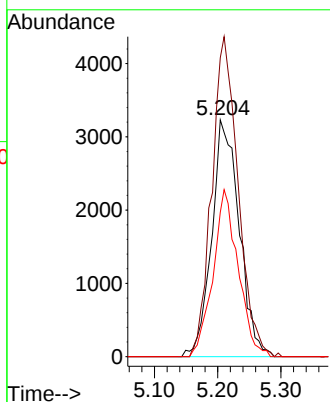
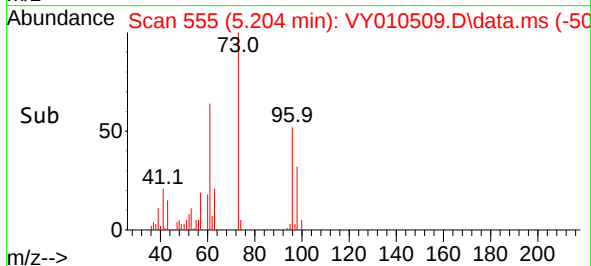
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



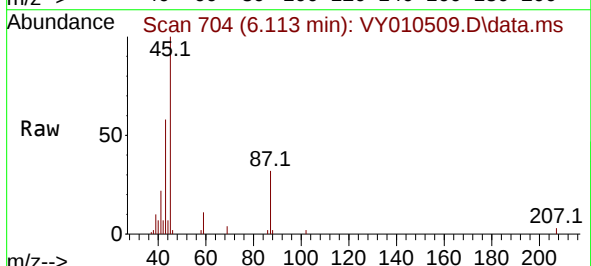
Tgt Ion: 96 Resp: 9738
Ion Ratio Lower Upper
96 100
61 126.2 120.5 180.7
98 61.0 49.8 74.8

Manual Integrations
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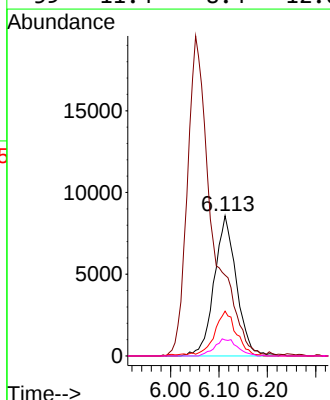
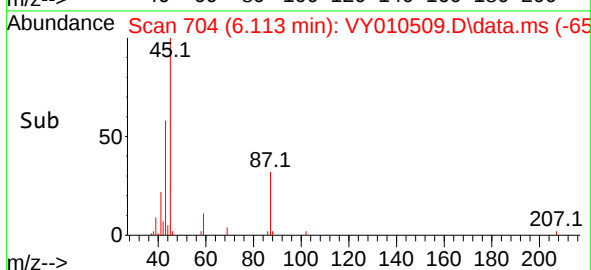
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

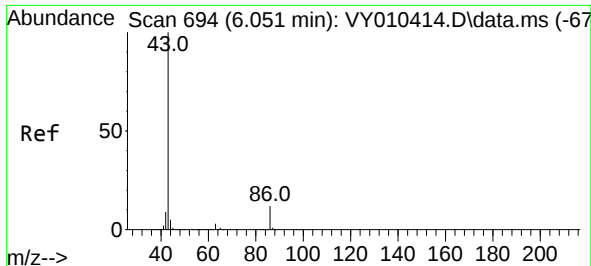


#22
Diisopropyl ether
Concen: 4.317 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



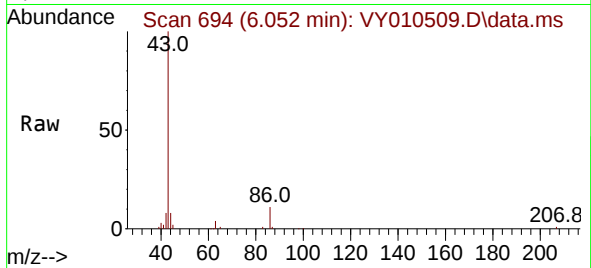
Tgt Ion: 45 Resp: 27386
Ion Ratio Lower Upper
45 100
43 56.4 49.3 73.9
87 32.0 19.2 28.8#
59 11.4 8.4 12.6





#23
 Vinyl Acetate
 Concen: 17.971 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY010509.D
 Acq: 15 Sep 2022 14:28

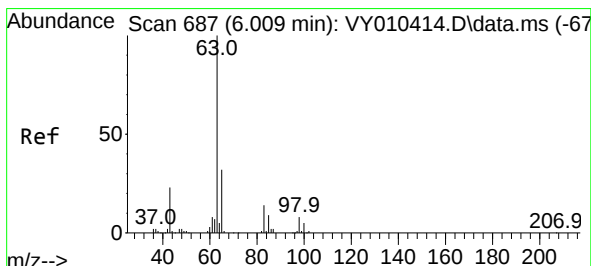
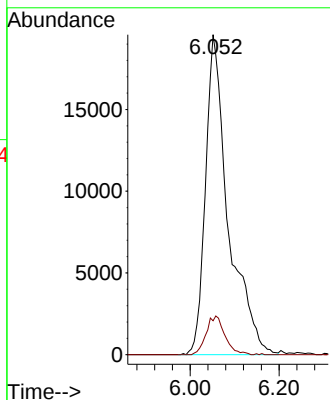
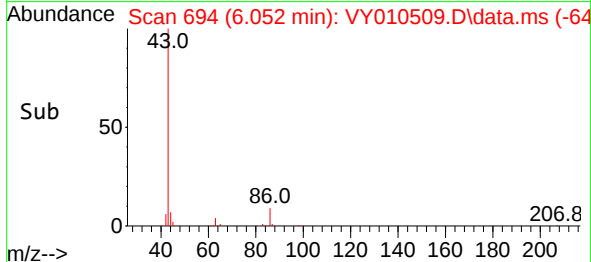
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



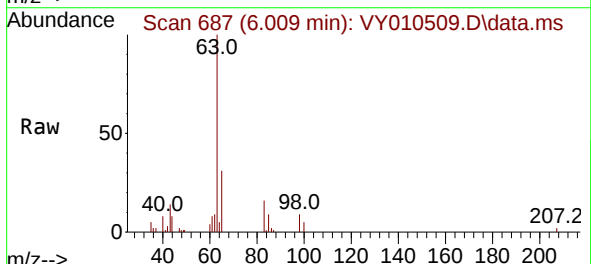
Tgt Ion: 43 Resp: 6986
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7

Manual Integrations
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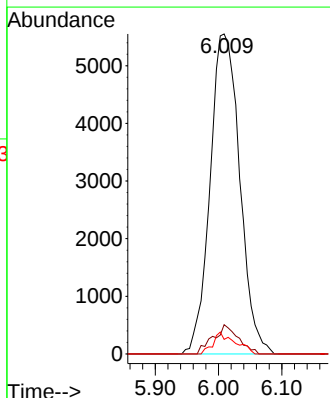
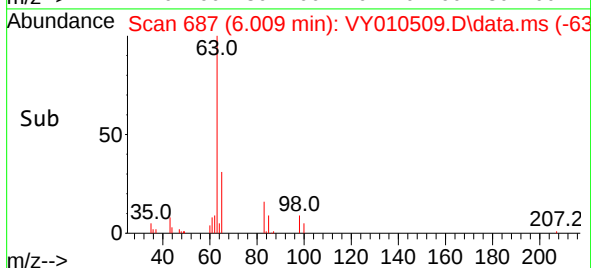
Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#24
 1,1-Dichloroethane
 Concen: 4.714 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010509.D
 Acq: 15 Sep 2022 14:28



Tgt Ion: 63 Resp: 18105
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.6 10.8
 100 4.6 2.0 5.8





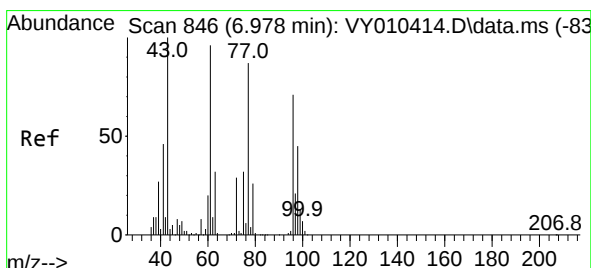
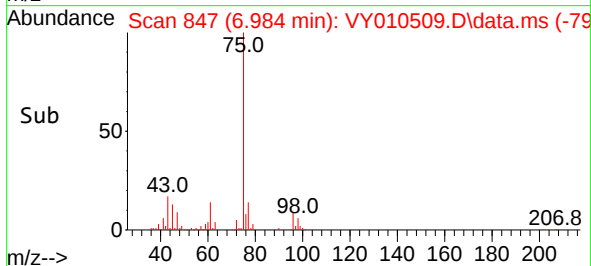
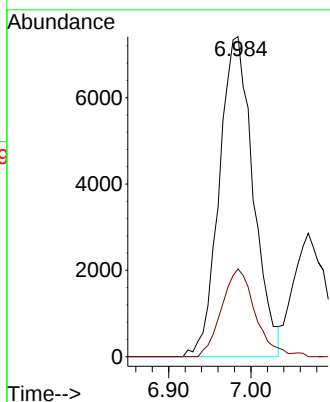
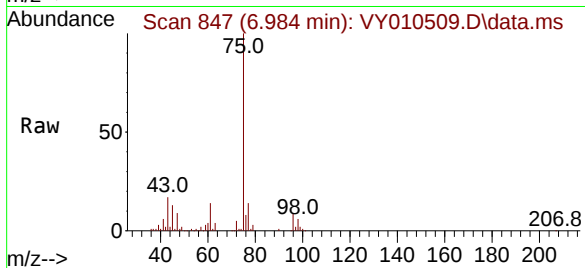
#25
2-Butanone
Concen: 28.335 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 43 Resp: 21298
Ion Ratio Lower Upper
43 100
72 27.5 17.7 26.5

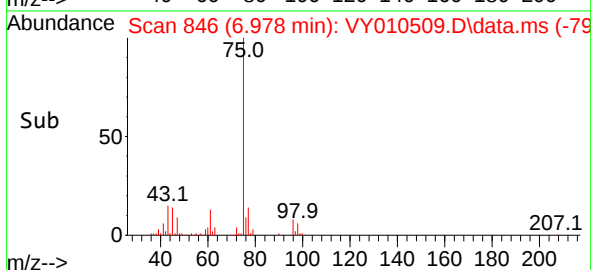
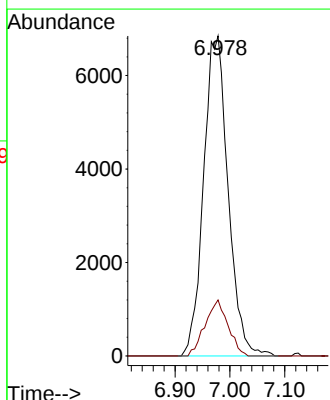
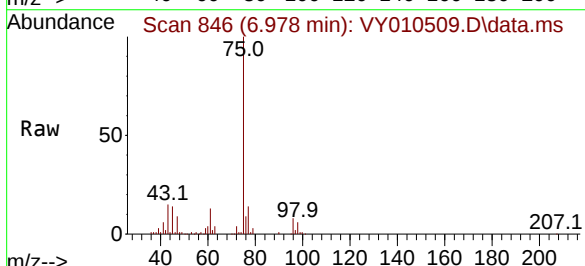
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#26
2,2-Dichloropropane
Concen: 5.794 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

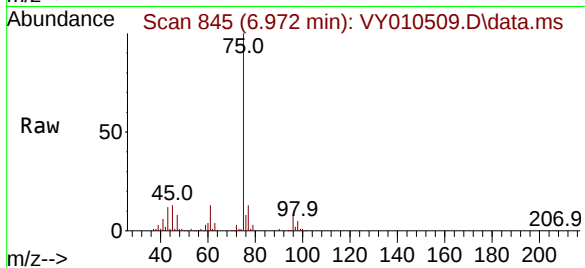
Tgt Ion: 77 Resp: 21233
Ion Ratio Lower Upper
77 100
97 16.3 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 4.445 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY010509.D
 Acq: 15 Sep 2022 14:28

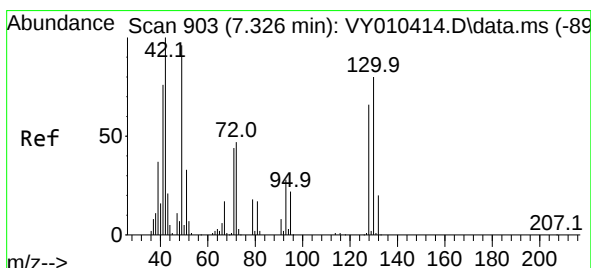
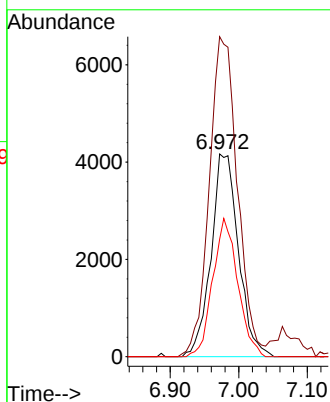
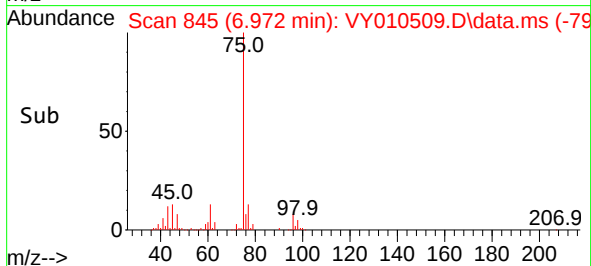
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



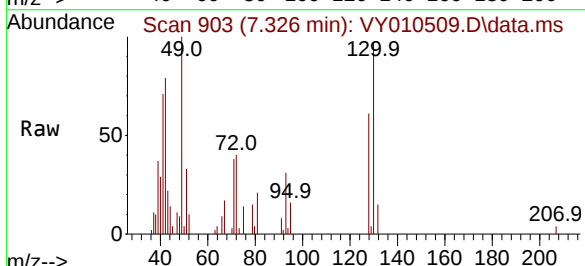
Tgt Ion: 96 Resp: 11570
 Ion Ratio Lower Upper
 96 100
 61 162.9 0.0 319.8
 98 62.3 0.0 127.0

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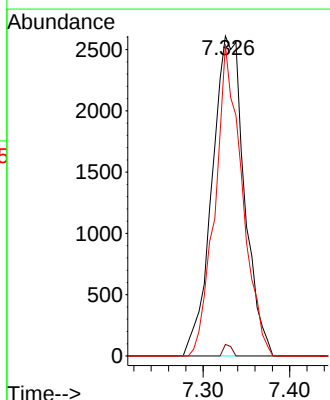
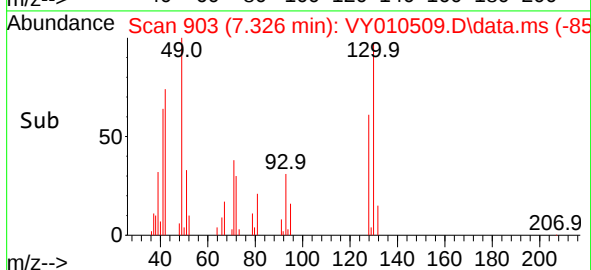
Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

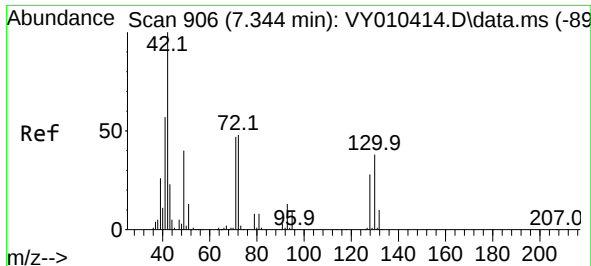


#28
 Bromochloromethane
 Concen: 5.484 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY010509.D
 Acq: 15 Sep 2022 14:28



Tgt Ion: 49 Resp: 6753
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.2
 130 81.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 22.393 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY010509.D

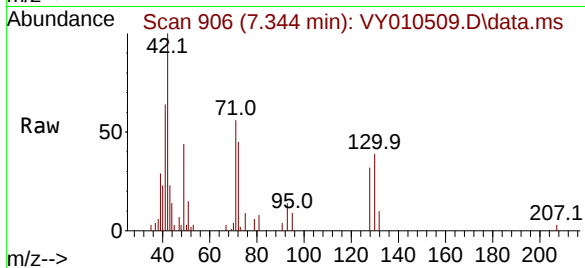
Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



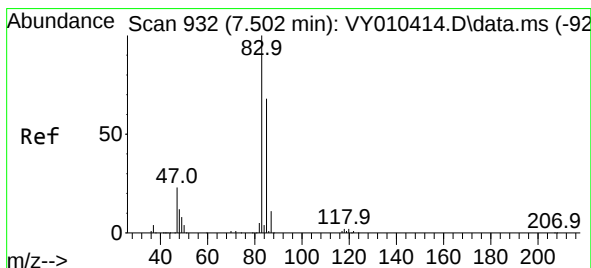
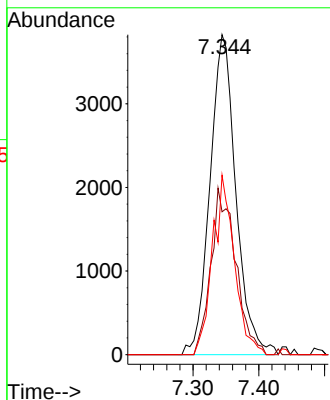
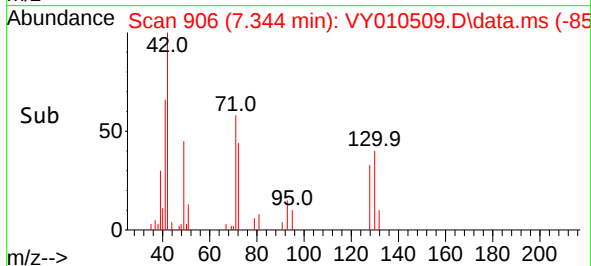
Tgt Ion:	42	Resp:	1050
Ion Ratio	100	Lower	Upper
42	100		
72	49.9	30.3	45.5
71	47.4	29.0	43.4

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#30

Chloroform

Concen: 4.612 ug/l

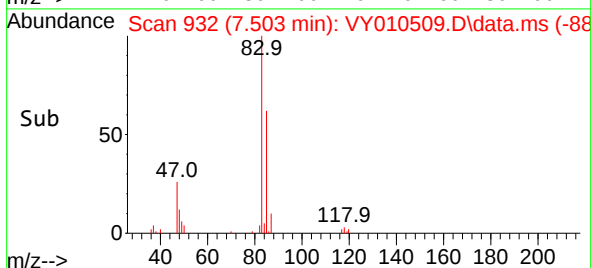
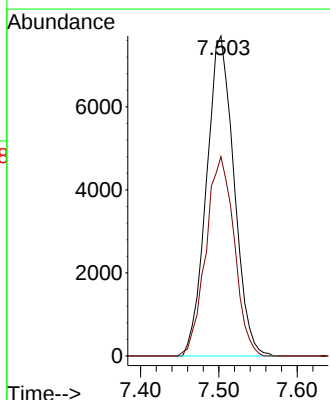
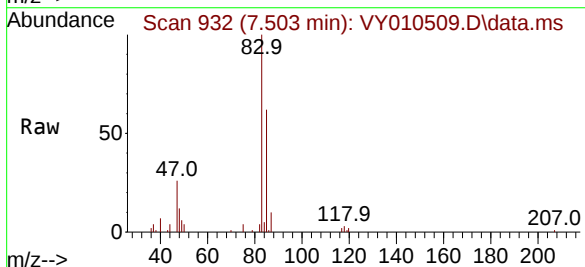
RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

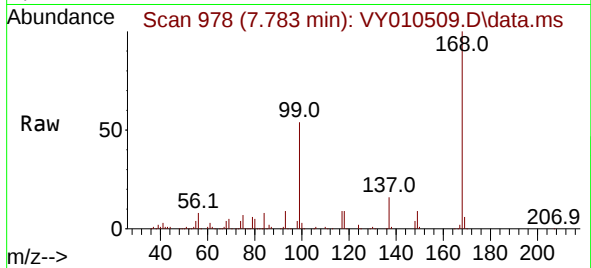
Tgt Ion:	83	Resp:	18788
Ion Ratio	100	Lower	Upper
83	100		
85	62.2	51.8	77.6





#31
Cyclohexane
Concen: 5.089 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

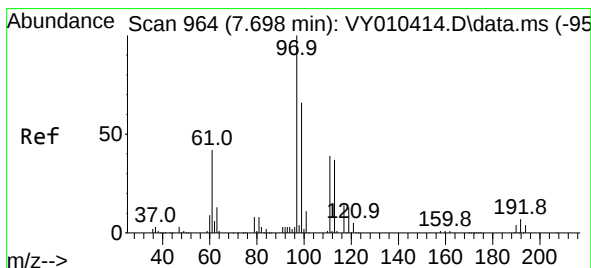
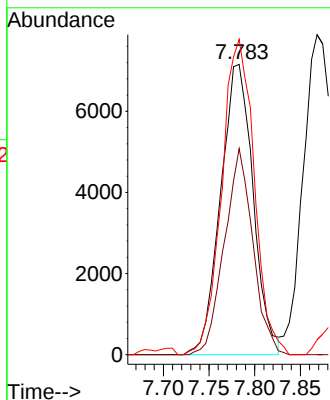
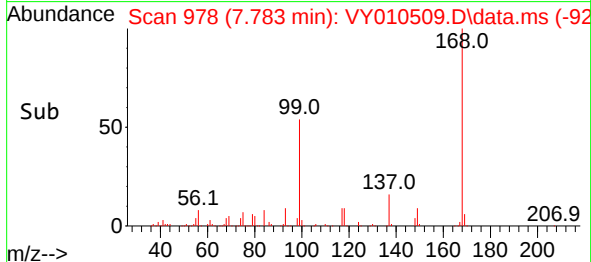
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



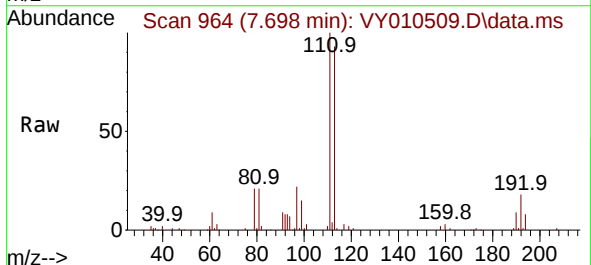
Tgt Ion: 56 Resp: 17718
Ion Ratio Lower Upper
56 100
69 71.0 26.7 40.1
84 108.6 67.2 100.8

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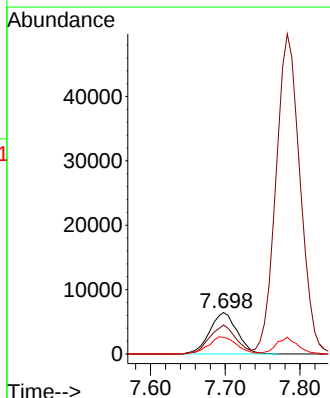
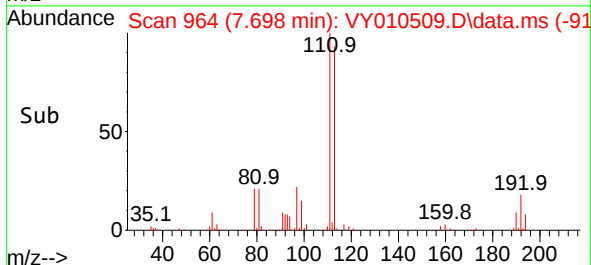
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

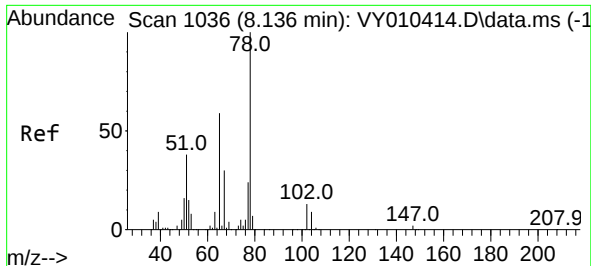


#32
1,1,1-Trichloroethane
Concen: 4.421 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



Tgt Ion: 97 Resp: 16309
Ion Ratio Lower Upper
97 100
99 67.0 50.7 76.1
61 42.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 54.213 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 65 Resp: 111730

Ion Ratio Lower Upper

65 100

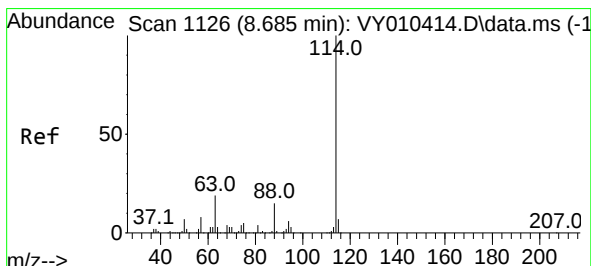
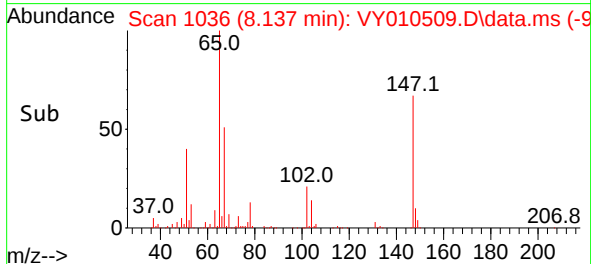
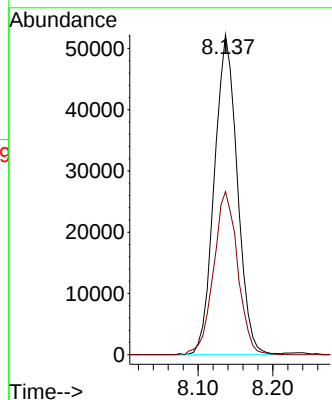
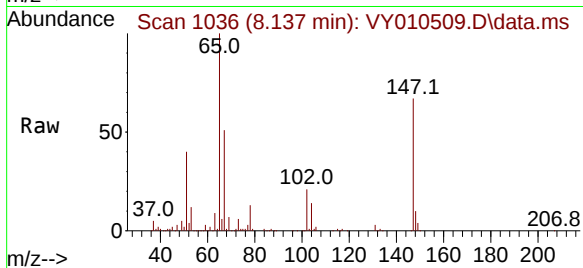
67 53.4 0.0 99.4

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Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

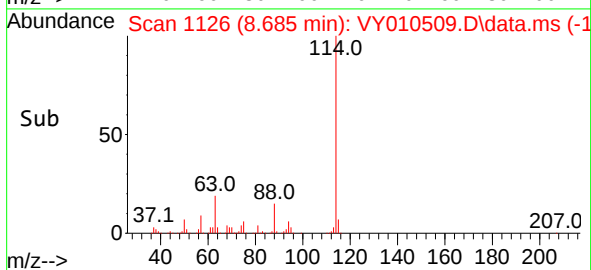
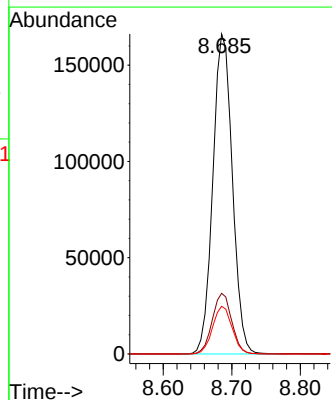
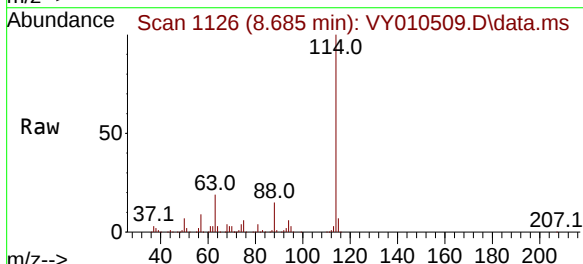
Tgt Ion:114 Resp: 328040

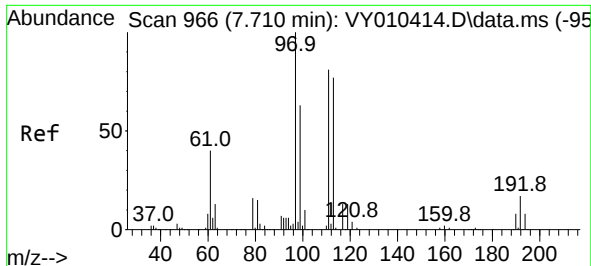
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

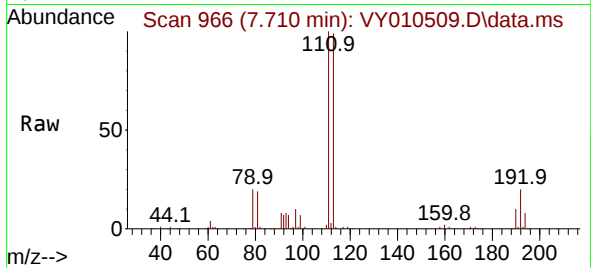
88 14.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.724 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

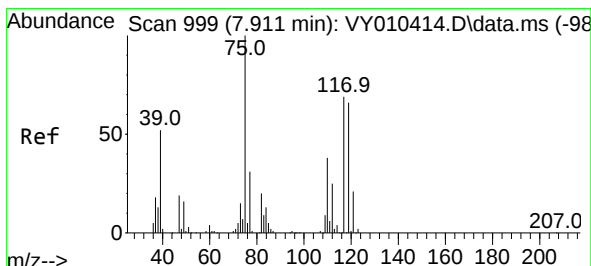
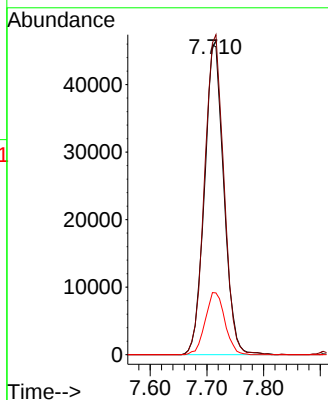
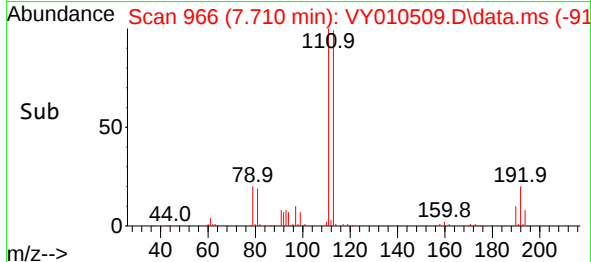
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 113 Resp: 108850
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.3 17.6 26.4

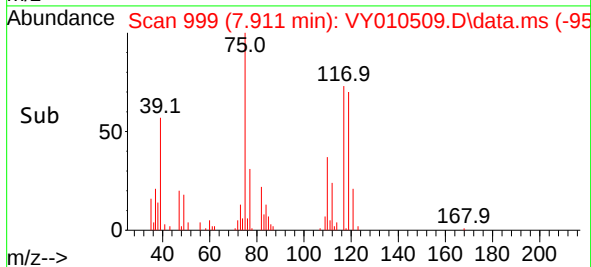
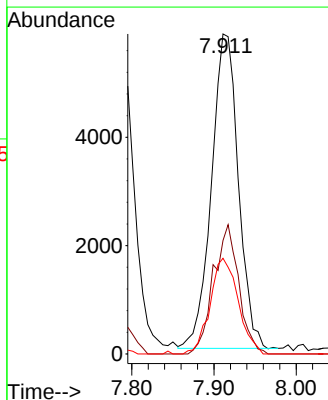
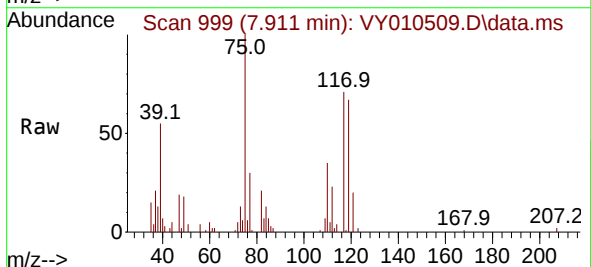
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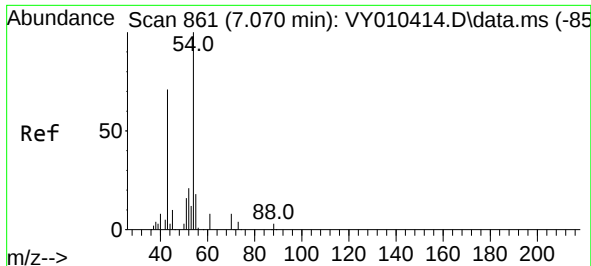
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#36
1,1-Dichloropropene
Concen: 4.146 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion: 75 Resp: 13224
Ion Ratio Lower Upper
75 100
110 38.8 17.1 51.2
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 4.699 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

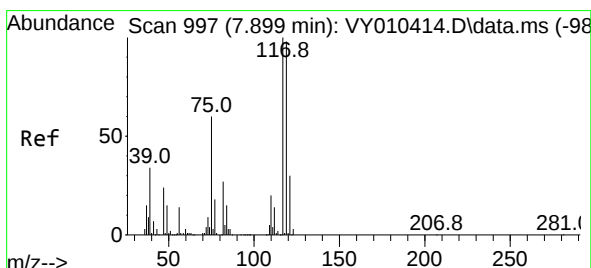
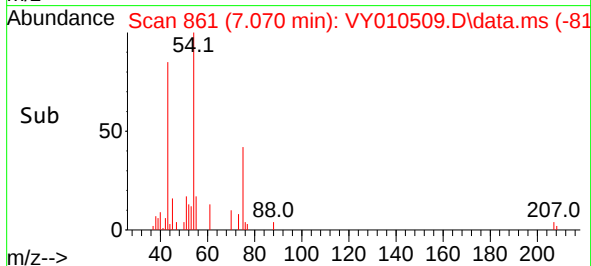
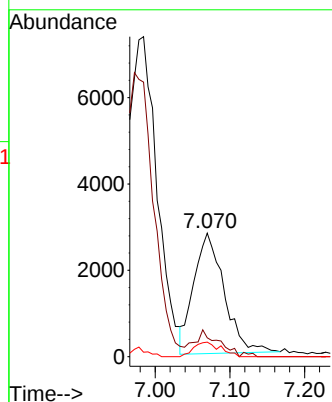
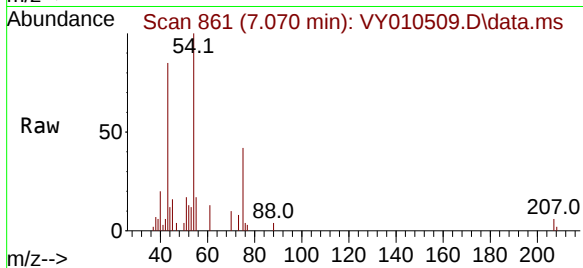
Tgt Ion: 43	Resp: 7879
Ion Ratio	Lower Upper
43 100	
61 18.4	9.7 14.5
70 10.7	7.1 10.7

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Supervised By :Mahesh Dadoda 09/16/2022



#38

Carbon Tetrachloride

Concen: 4.252 ug/l

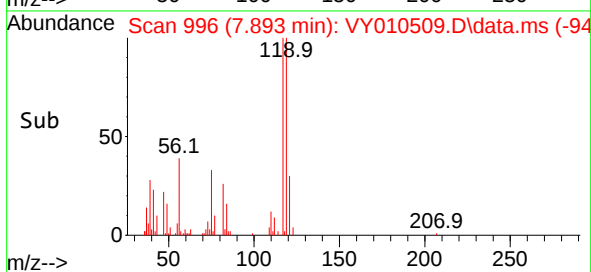
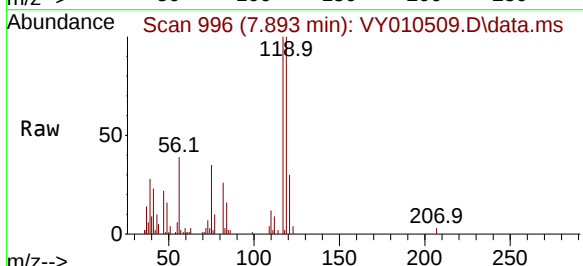
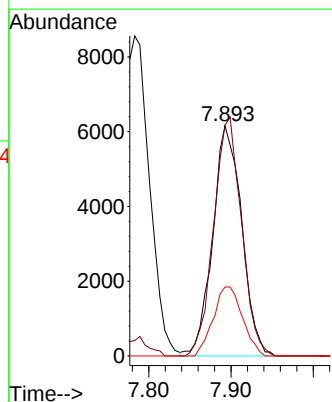
RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Tgt Ion:117	Resp: 15086
Ion Ratio	Lower Upper
117 100	
119 100.3	77.9 116.9
121 30.0	24.8 37.2





#39

Methylcyclohexane

Concen: 4.119 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010509.D

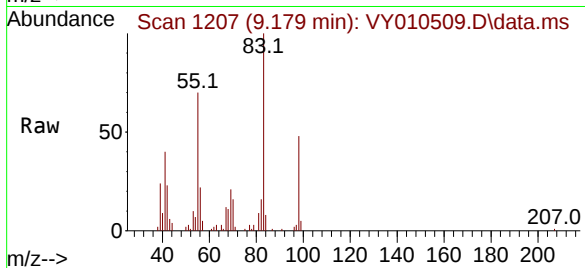
Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



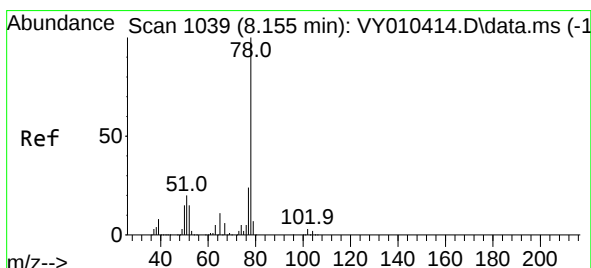
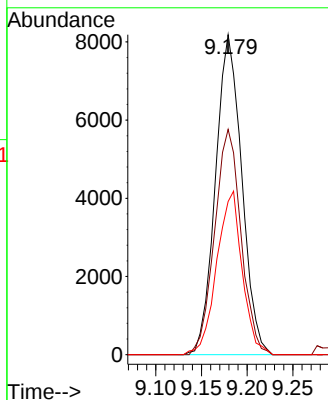
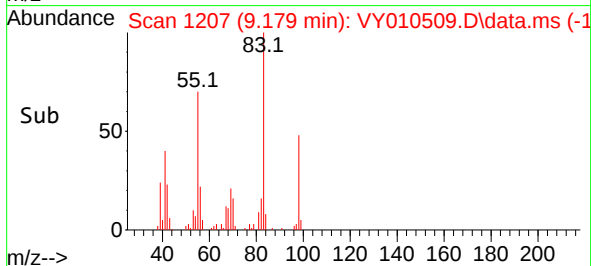
Tgt Ion:	83	Resp:	1638
Ion Ratio	Lower	Upper	
83	100		
55	70.4	66.5	99.7
98	47.8	37.9	56.9

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Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 4.432 ug/l

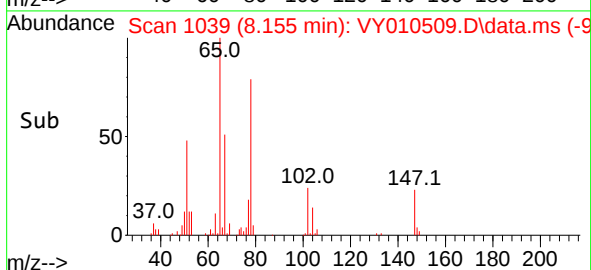
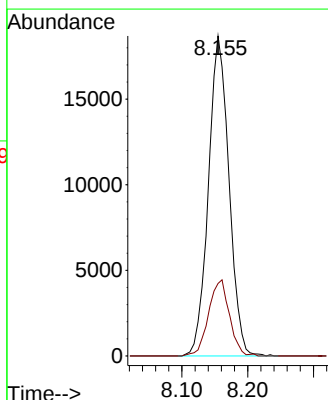
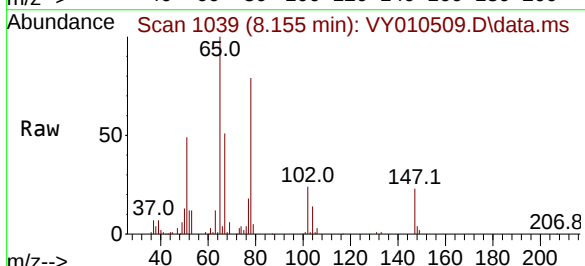
RT: 8.155 min Scan# 1039

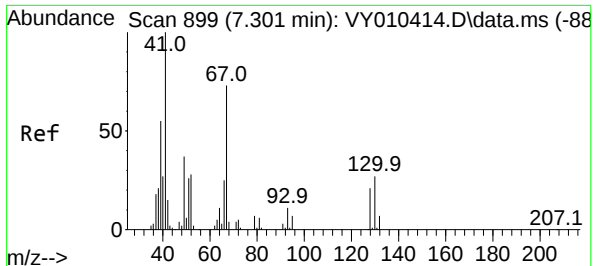
Delta R.T. -0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

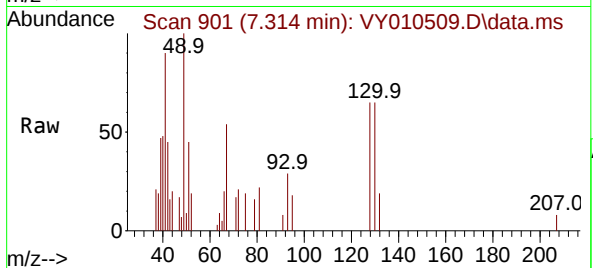
Tgt Ion:	78	Resp:	40691
Ion Ratio	Lower	Upper	
78	100		
77	22.7	20.4	30.6





#41
Methacrylonitrile
Concen: 3.422 ug/l m
RT: 7.314 min Scan# 901
Delta R.T. 0.013 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

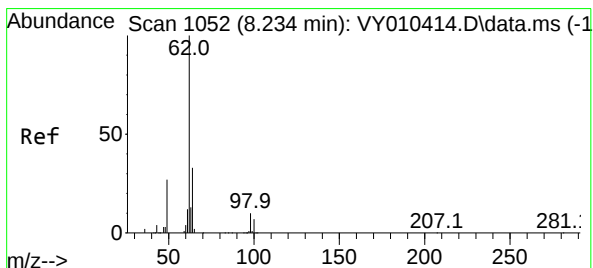
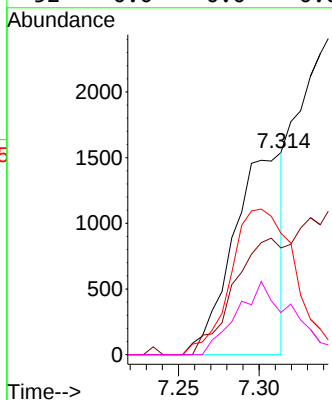
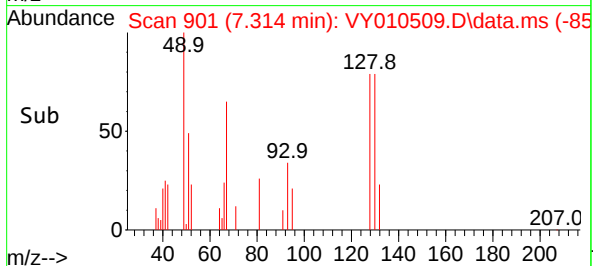
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 41 Resp: 3280
Ion Ratio Lower Upper
41 100
39 100.1 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

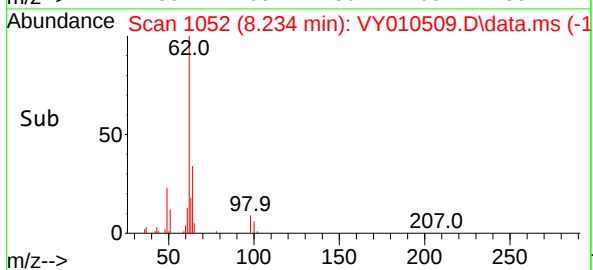
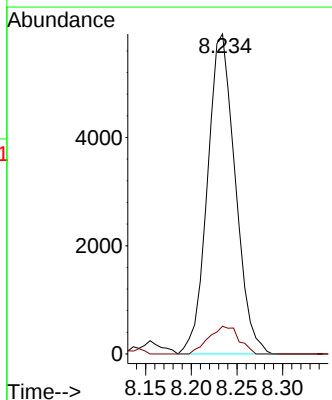
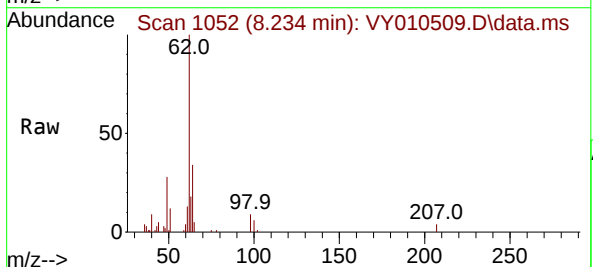
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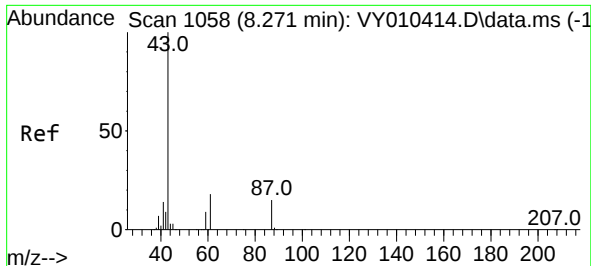
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#42
1,2-Dichloroethane
Concen: 4.585 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

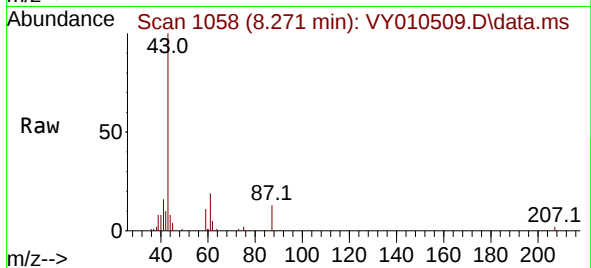
Tgt Ion: 62 Resp: 12518
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8





#43
Isopropyl Acetate
Concen: 4.264 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

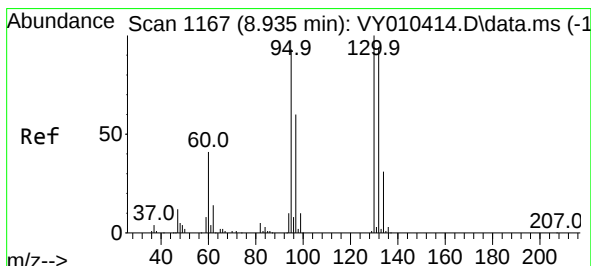
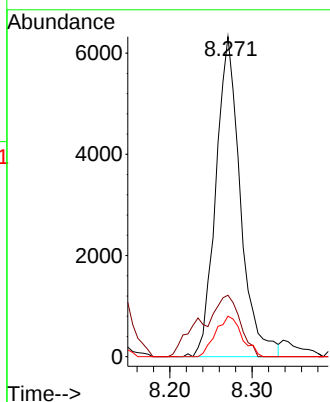
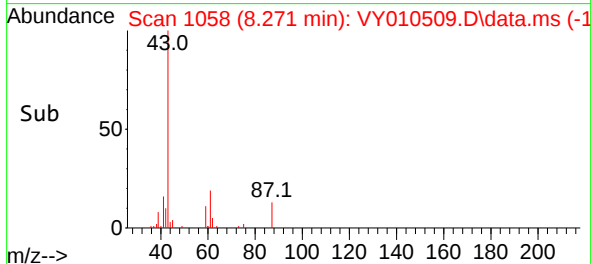
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 43 Resp: 13085
Ion Ratio Lower Upper
43 100
61 19.9 20.2 30.2
87 13.5 8.9 13.3

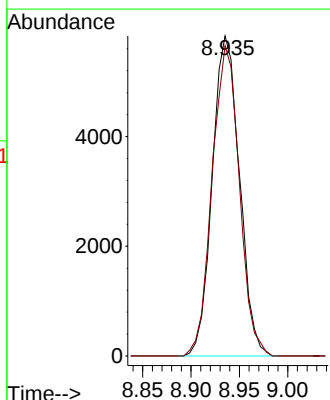
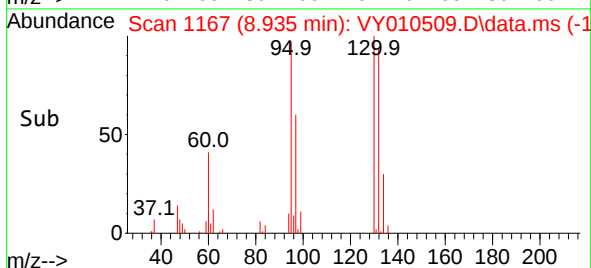
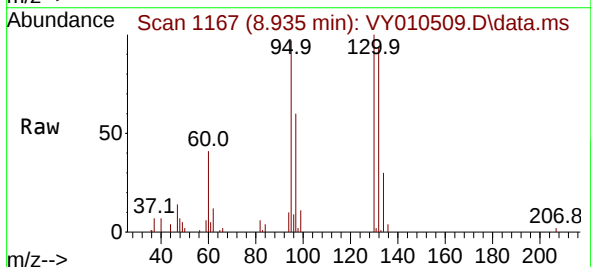
Manual Integrations
APPROVED

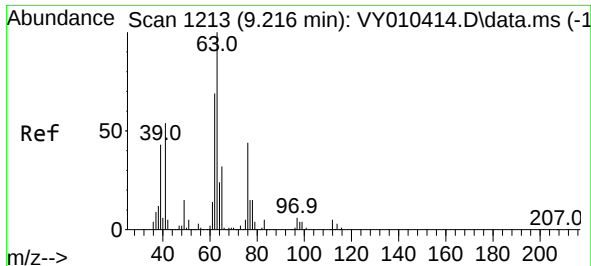
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#44
Trichloroethene
Concen: 4.211 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:130 Resp: 11382
Ion Ratio Lower Upper
130 100
95 96.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.357 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

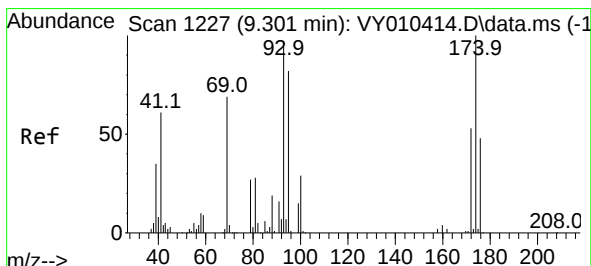
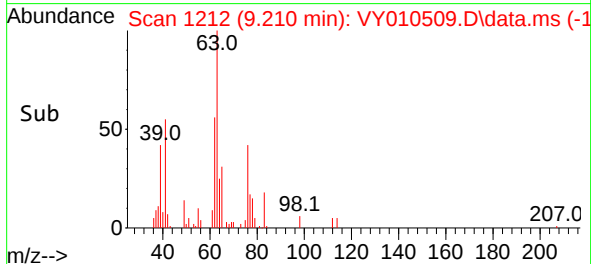
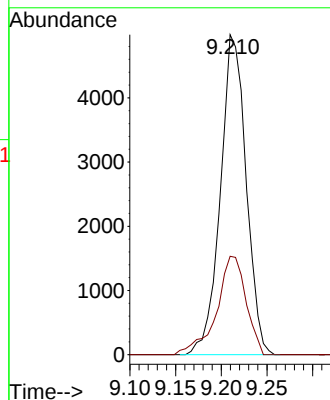
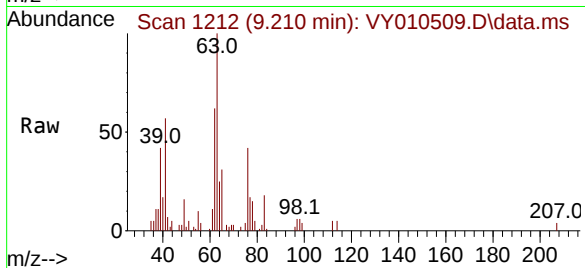
Tgt Ion: 63 Resp: 975
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 4.529 ug/l

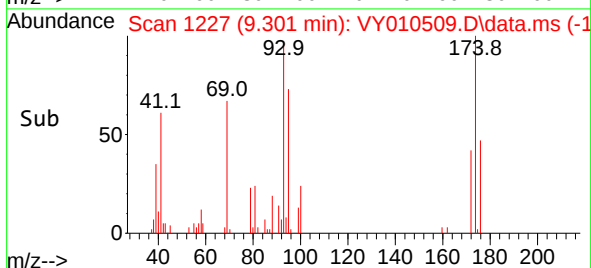
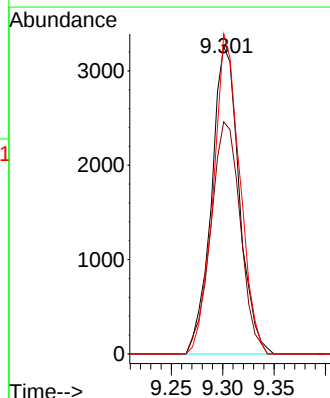
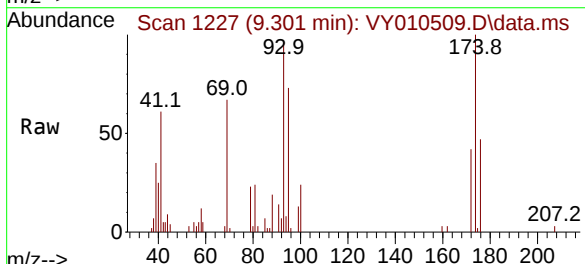
RT: 9.301 min Scan# 1227

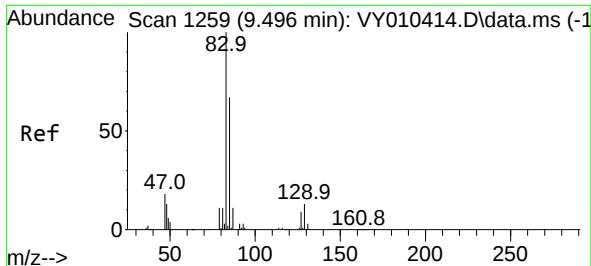
Delta R.T. -0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

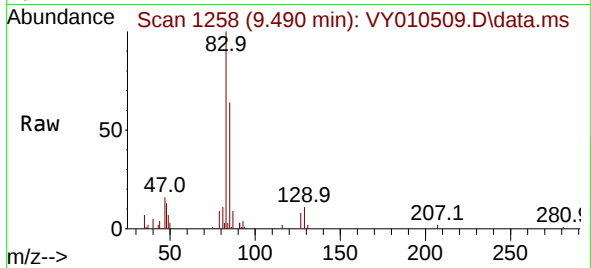
Tgt Ion: 93 Resp: 6116
 Ion Ratio Lower Upper
 93 100
 95 80.3 64.3 96.5
 174 99.3 83.4 125.0





#47
Bromodichloromethane
Concen: 4.383 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

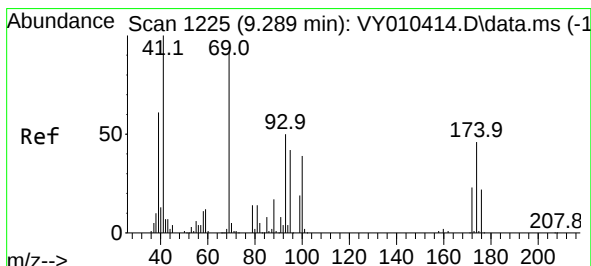
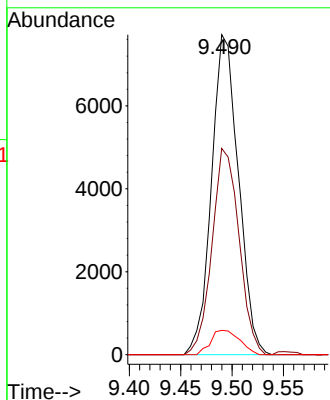
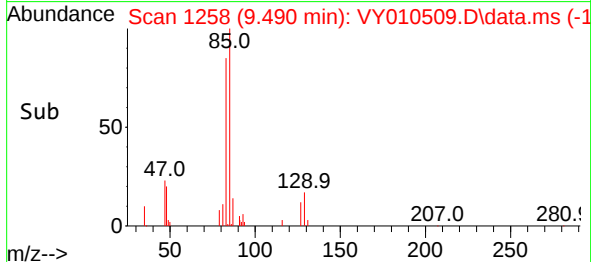
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



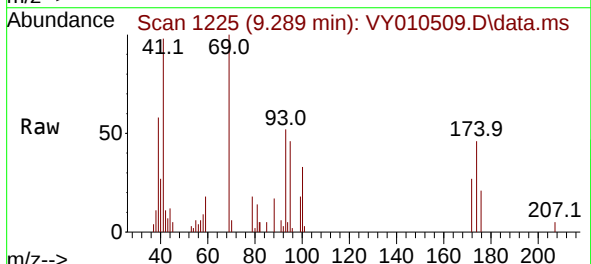
Tgt Ion: 83 Resp: 14059
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9
127 7.6 6.6 10.0

Manual Integrations
APPROVED

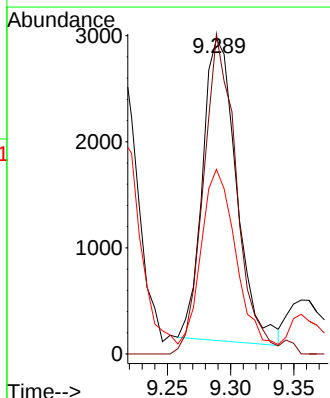
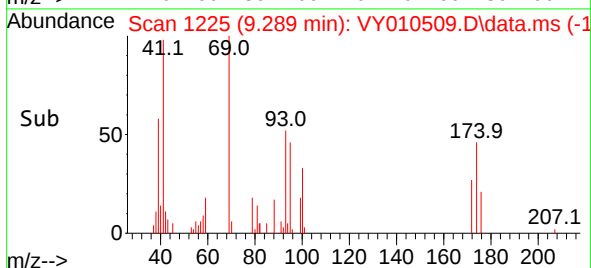
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

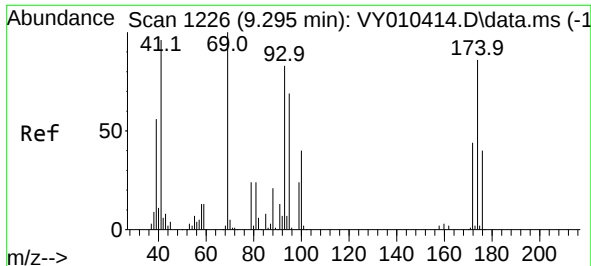


#48
Methyl methacrylate
Concen: 3.855 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



Tgt Ion: 41 Resp: 5312
Ion Ratio Lower Upper
41 100
69 104.3 58.2 87.2#
39 59.1 47.4 71.0





#49

1,4-Dioxane

Concen: 91.858 ug/l

RT: 9.307 min Scan# 1226

Delta R.T. 0.012 min

Lab File: VY010509.D

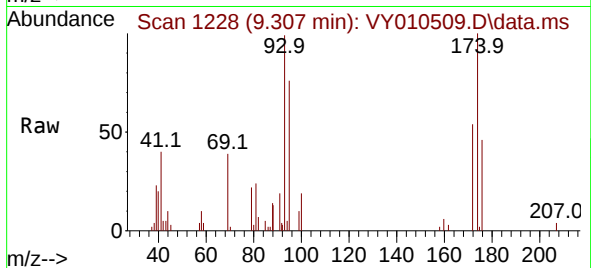
Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



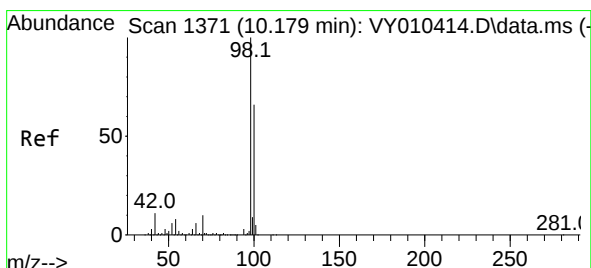
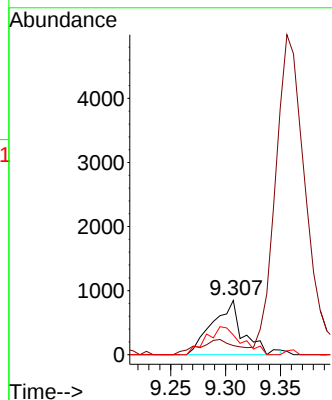
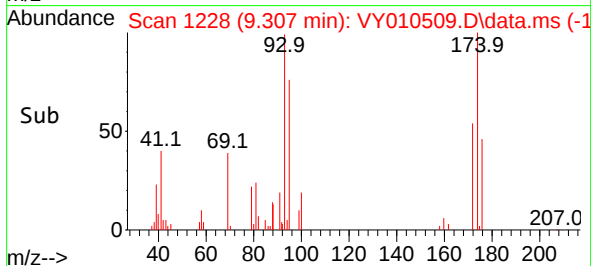
Tgt Ion:	88	Resp:	164
Ion	Ratio	Lower	Upper
88	100		
43	34.2	32.8	49.2
58	58.0	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 52.202 ug/l

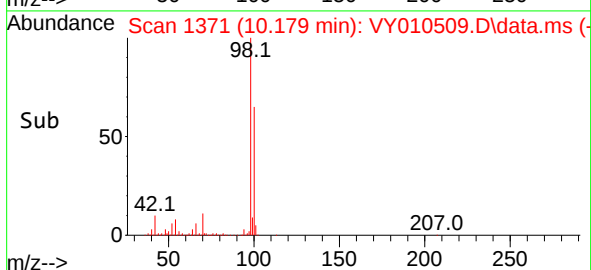
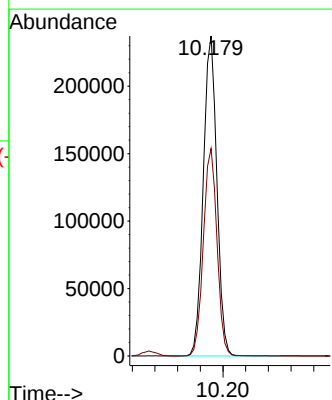
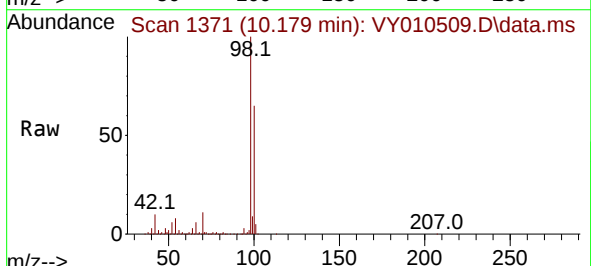
RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

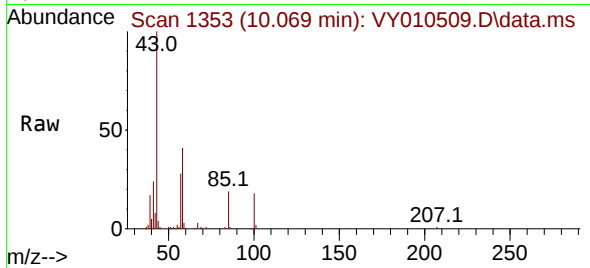
Tgt Ion:	98	Resp:	394157
Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 20.848 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

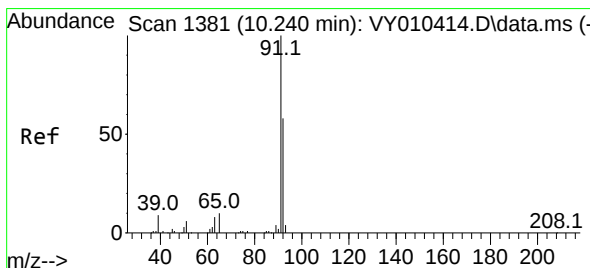
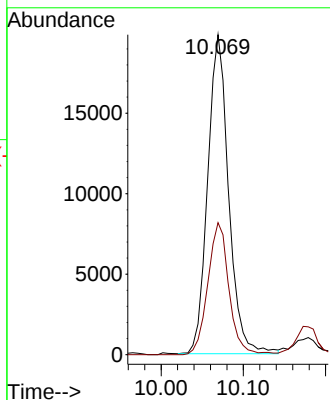
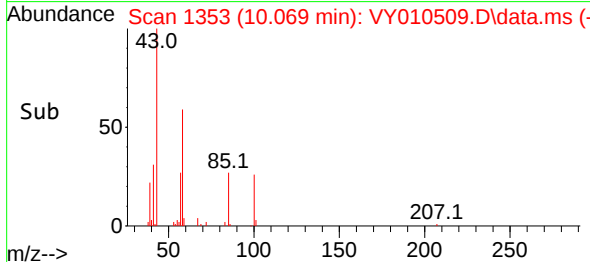
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 43 Resp: 35088
Ion Ratio Lower Upper
43 100
58 41.9 28.1 42.1

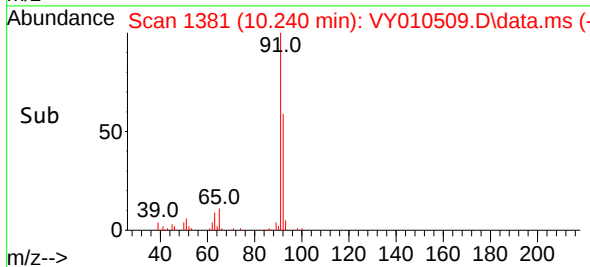
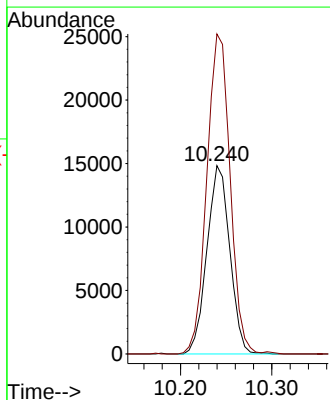
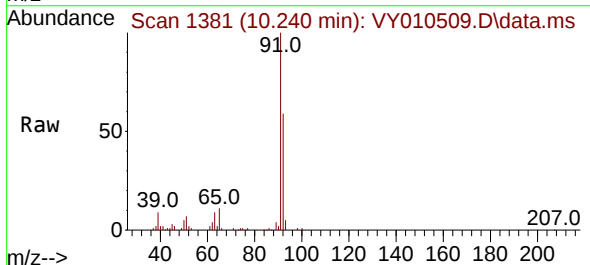
Manual Integrations
APPROVED

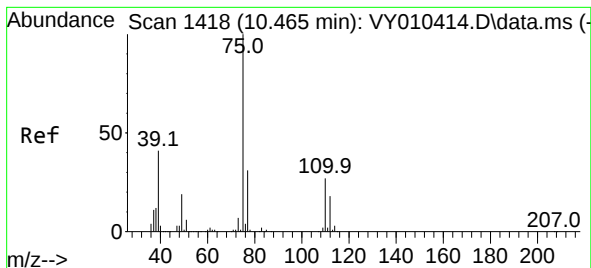
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#52
Toluene
Concen: 4.305 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

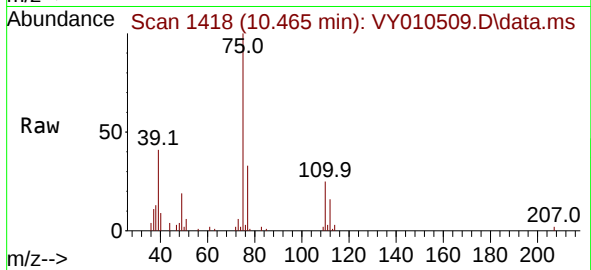
Tgt Ion: 92 Resp: 25863
Ion Ratio Lower Upper
92 100
91 172.4 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 4.202 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

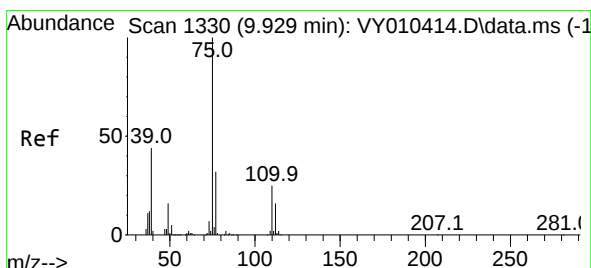
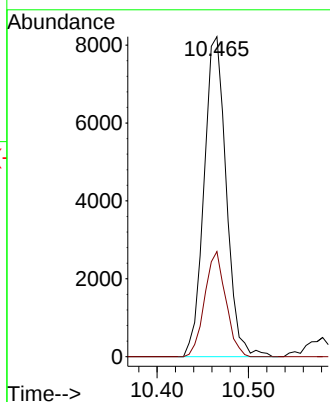
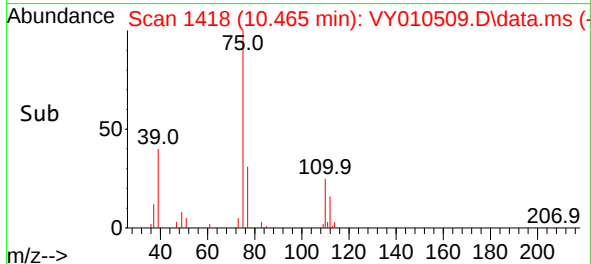
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



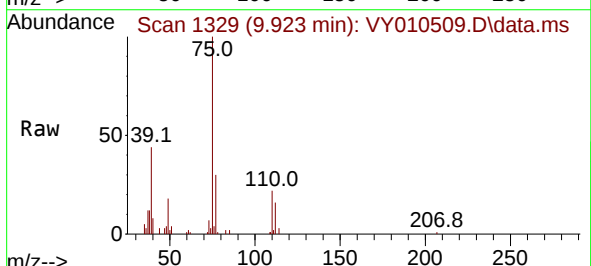
Tgt Ion: 75 Resp: 13870
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2

Manual Integrations
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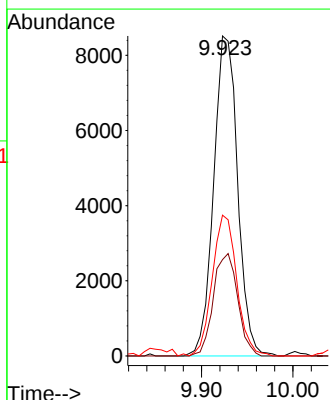
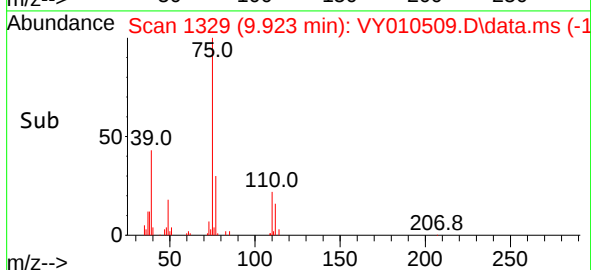
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

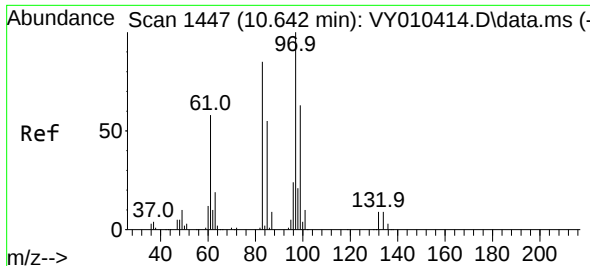


#54
cis-1,3-Dichloropropene
Concen: 4.173 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



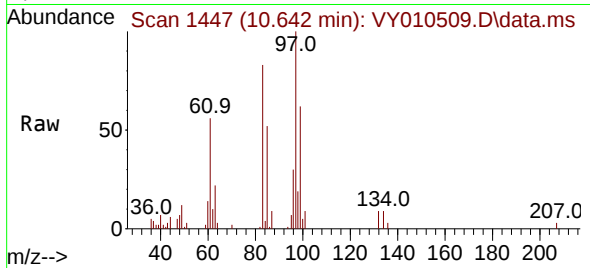
Tgt Ion: 75 Resp: 15535
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4
39 44.0 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 4.451 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

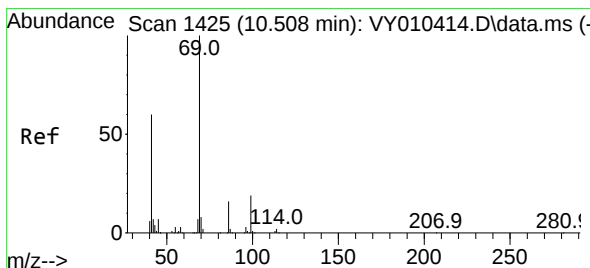
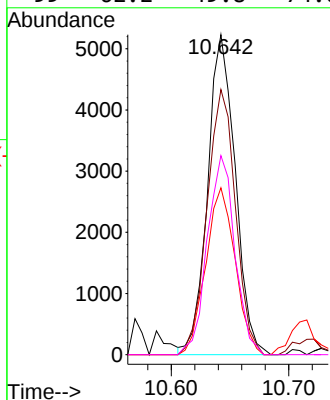
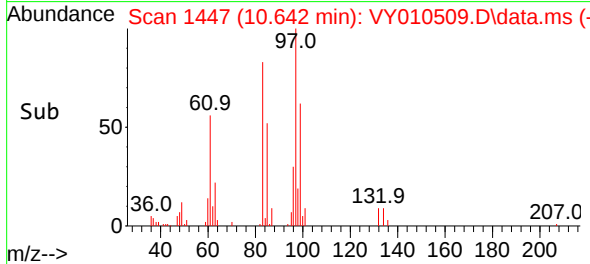
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



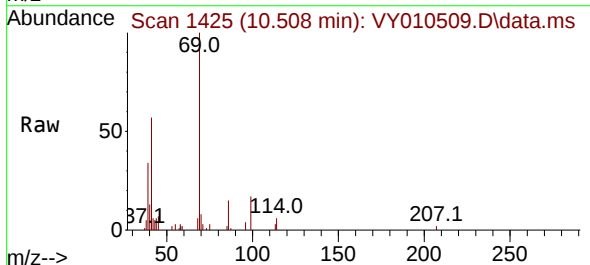
Tgt Ion:	97	Resp:	8549
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.8	104.8
85	52.2	44.3	66.5
99	62.2	49.8	74.6

Manual Integrations
APPROVED

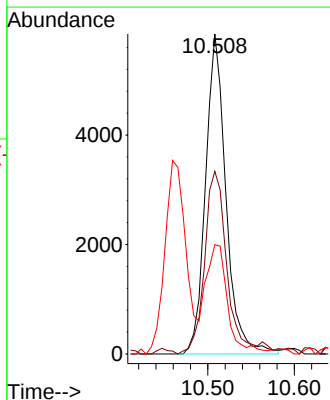
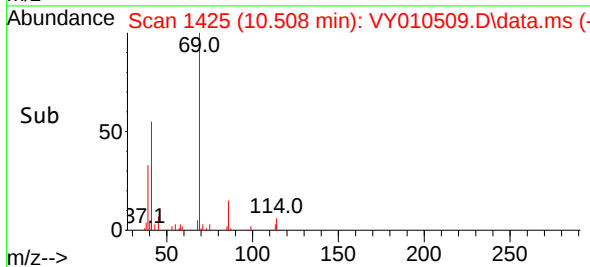
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

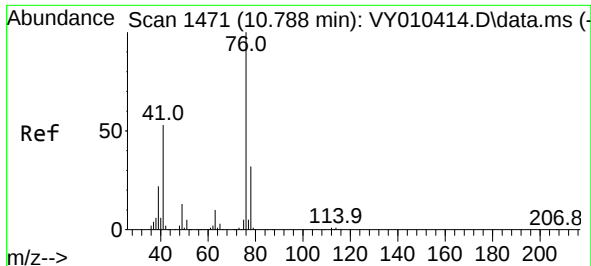


#56
Ethyl methacrylate
Concen: 3.799 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



Tgt Ion:	69	Resp:	9584
Ion	Ratio	Lower	Upper
69	100		
41	61.5	63.4	95.0#
39	36.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 4.420 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 76 Resp: 14110

Ion Ratio Lower Upper

76 100

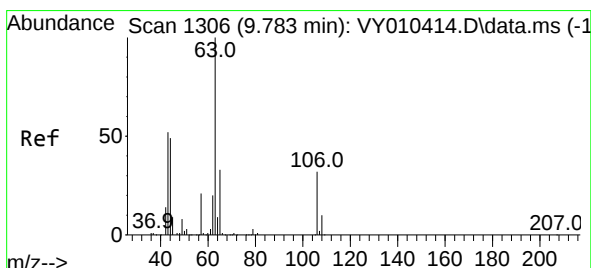
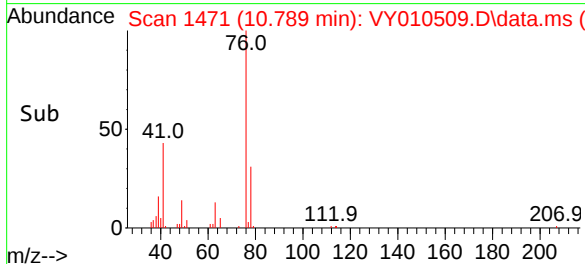
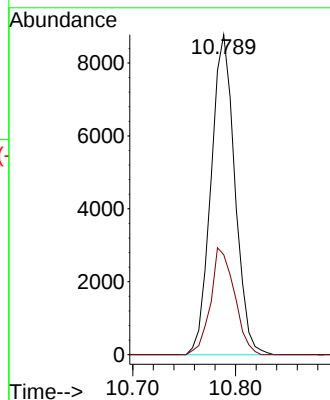
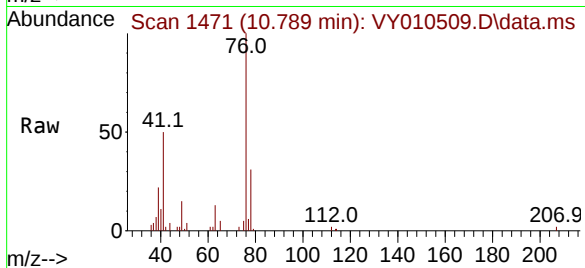
78 33.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 28.932 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY010509.D

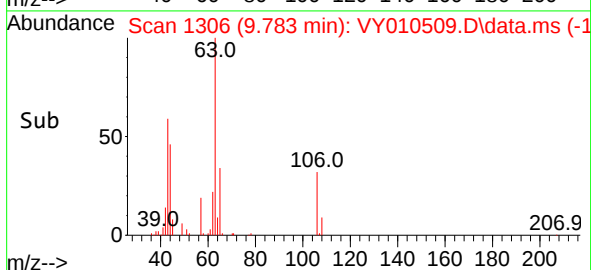
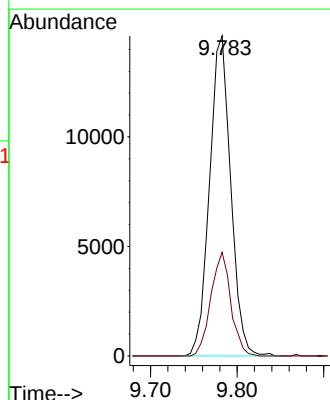
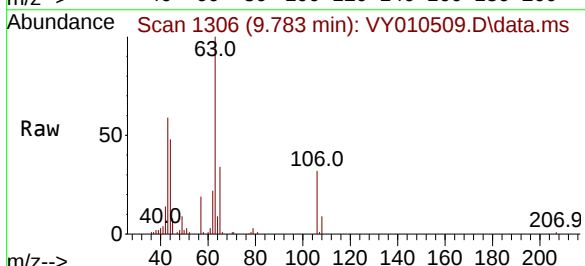
Acq: 15 Sep 2022 14:28

Tgt Ion: 63 Resp: 24829

Ion Ratio Lower Upper

63 100

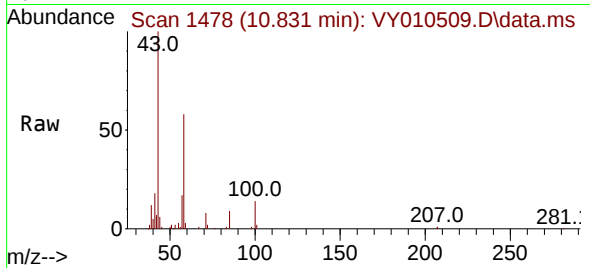
106 30.5 21.5 32.3





#59
2-Hexanone
Concen: 19.876 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

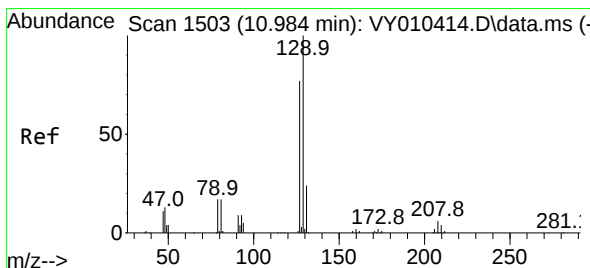
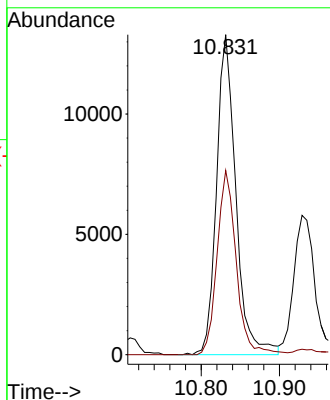
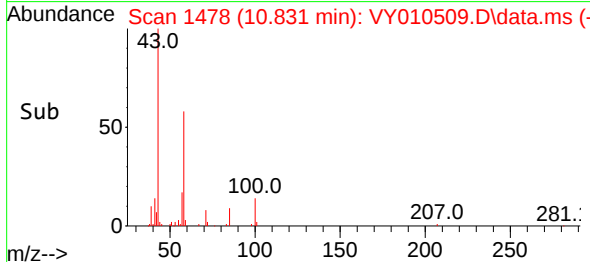
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 43 Resp: 2280
Ion Ratio Lower Upper
43 100
58 57.2 24.4 73.4

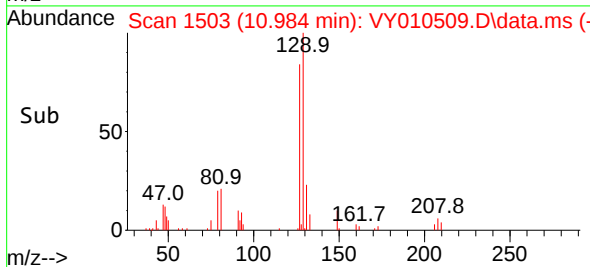
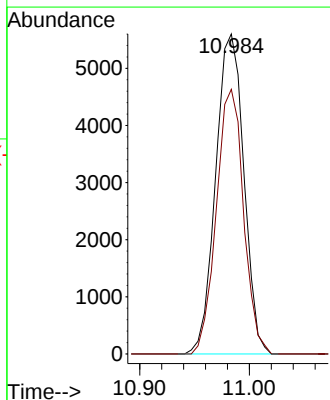
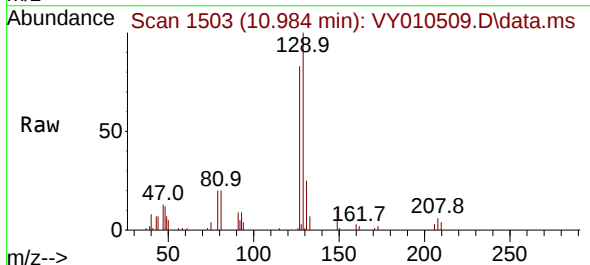
Manual Integrations
APPROVED

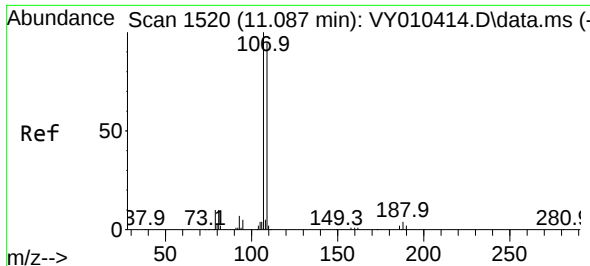
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 4.258 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

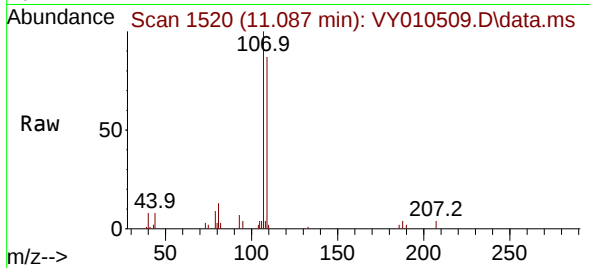
Tgt Ion:129 Resp: 9996
Ion Ratio Lower Upper
129 100
127 79.9 38.7 116.1





#61
1,2-Dibromoethane
Concen: 4.309 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

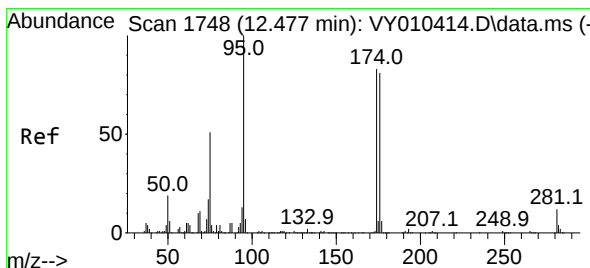
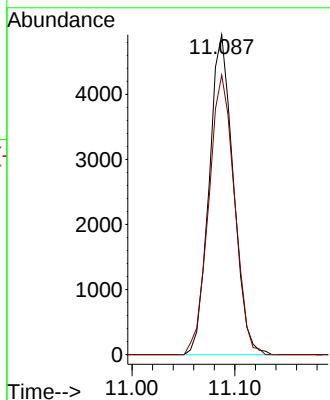
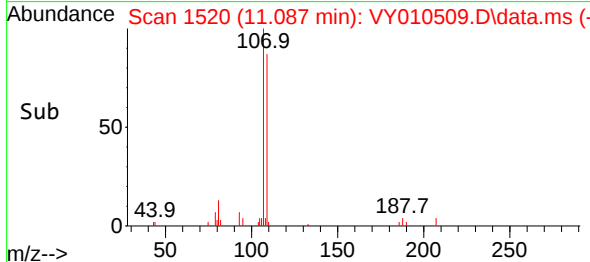
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



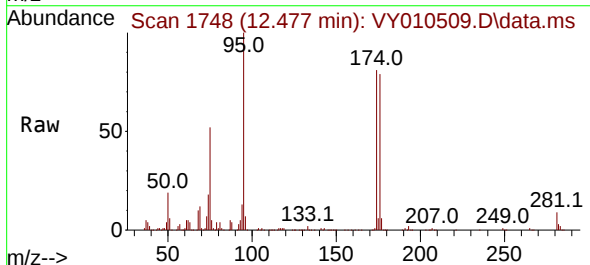
Tgt Ion: 107 Resp: 8034
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2

Manual Integrations
APPROVED

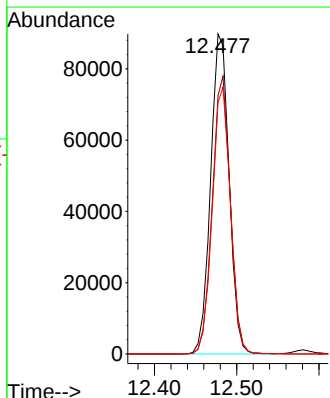
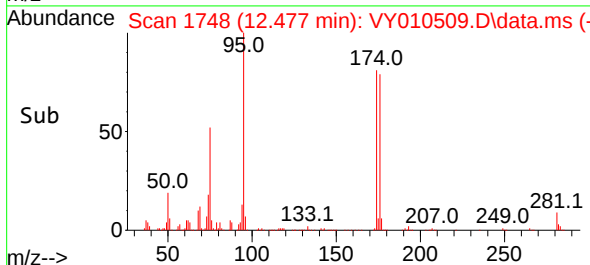
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

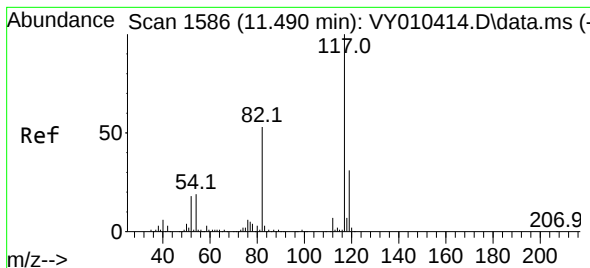


#62
4-Bromofluorobenzene
Concen: 40.478 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



Tgt Ion: 95 Resp: 140251
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 82.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY010509.D

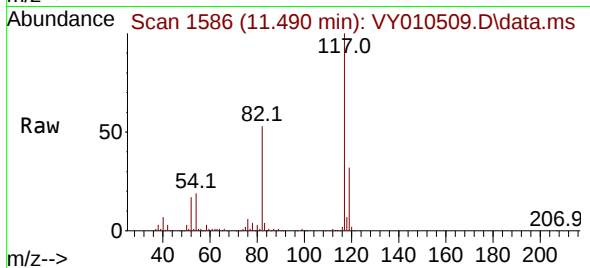
Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



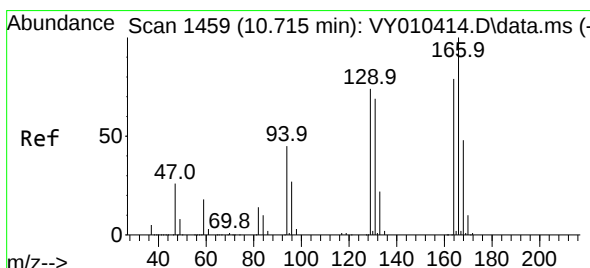
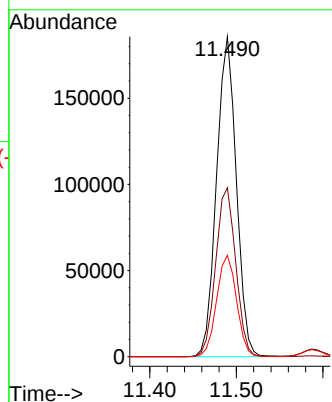
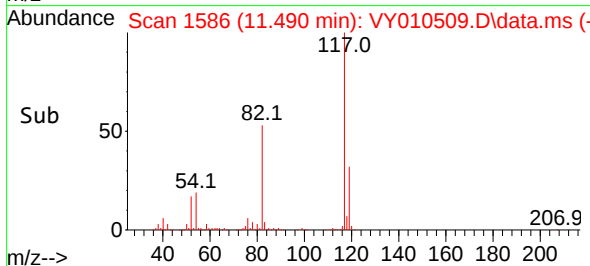
Tgt Ion:	117	Resp:	29481
Ion Ratio	100	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	31.7	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#64

Tetrachloroethene

Concen: 4.330 ug/l

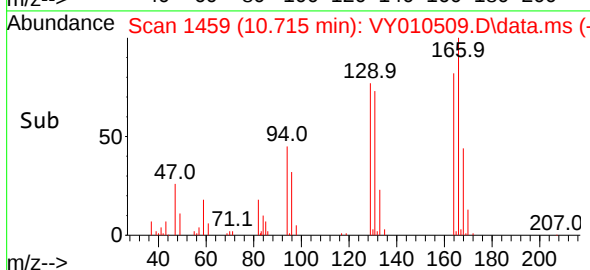
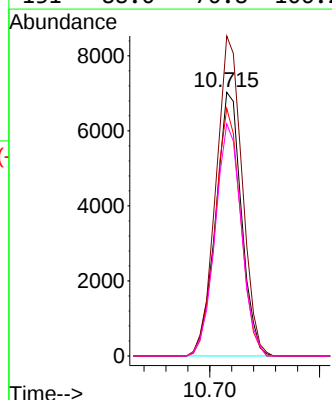
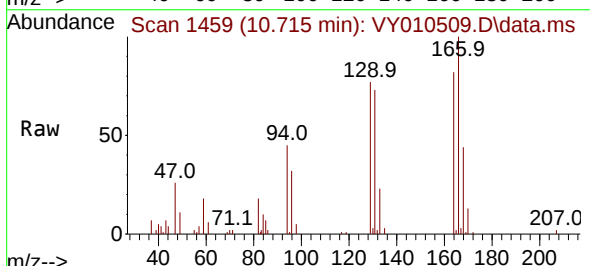
RT: 10.715 min Scan# 1459

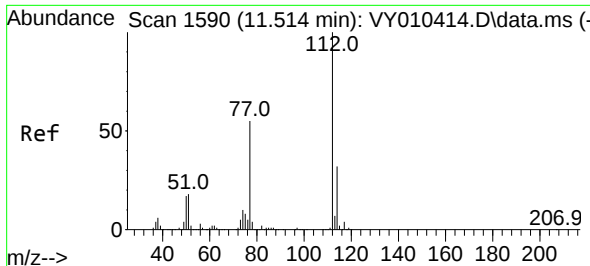
Delta R.T. 0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

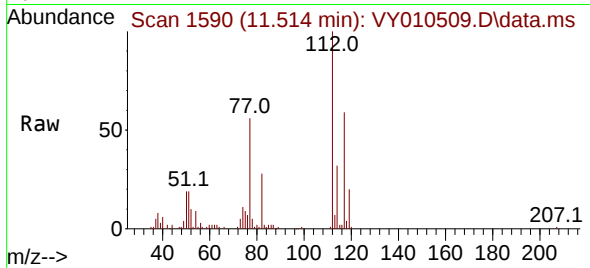
Tgt Ion:	164	Resp:	11507
Ion Ratio	100	Lower	Upper
164	100		
166	121.4	100.4	150.6
129	93.9	71.4	107.0
131	88.0	70.8	106.2





#65
Chlorobenzene
Concen: 4.342 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

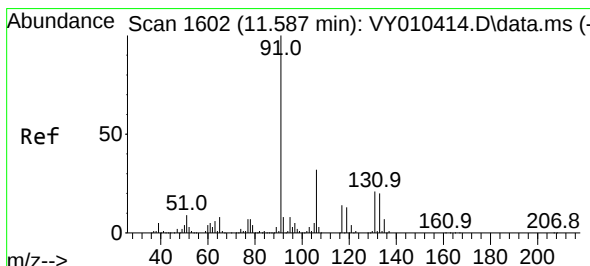
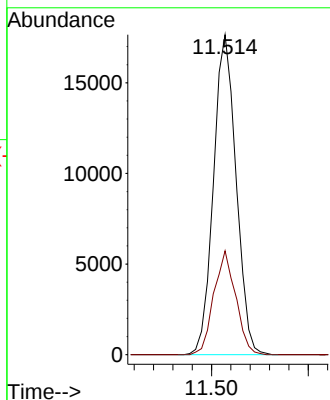
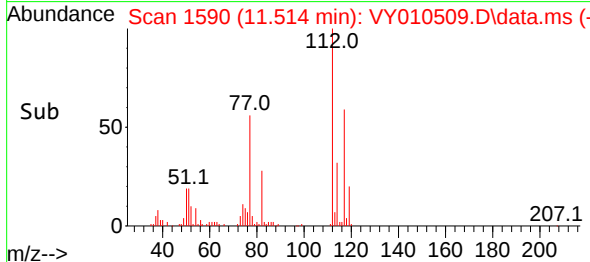
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



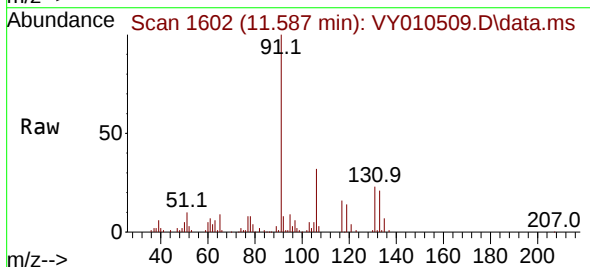
Tgt Ion:112 Resp: 2862
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

Manual Integrations
APPROVED

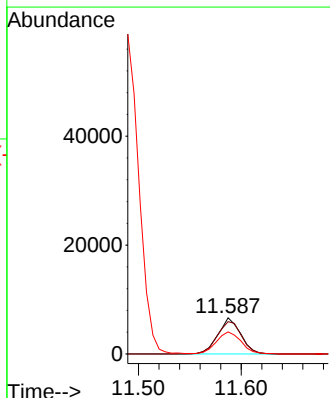
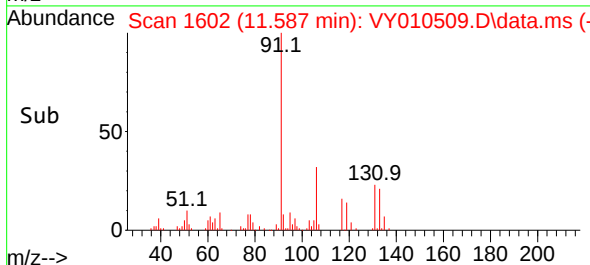
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

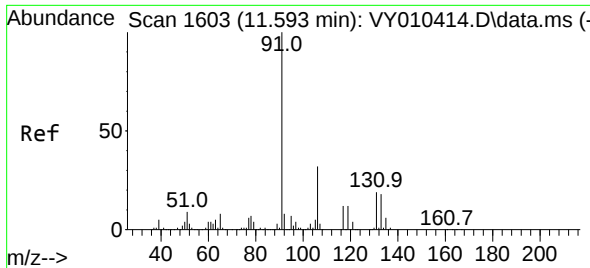


#66
1,1,1,2-Tetrachloroethane
Concen: 4.164 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



Tgt Ion:131 Resp: 10169
Ion Ratio Lower Upper
131 100
133 97.1 47.9 143.6
119 66.5 30.8 92.3





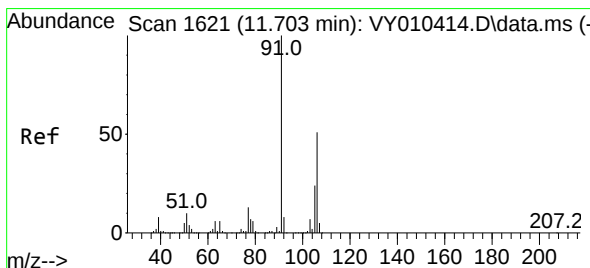
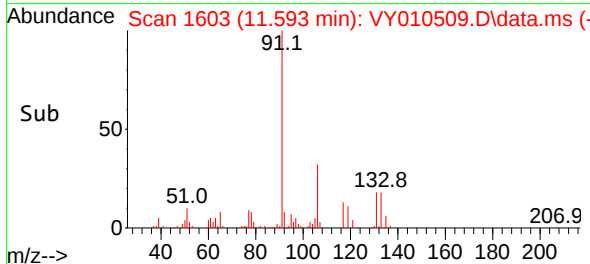
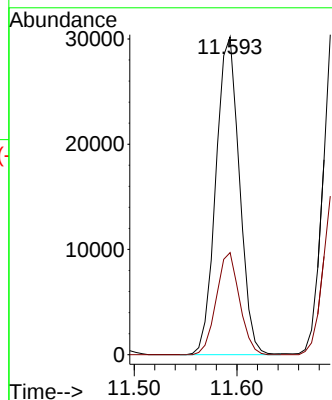
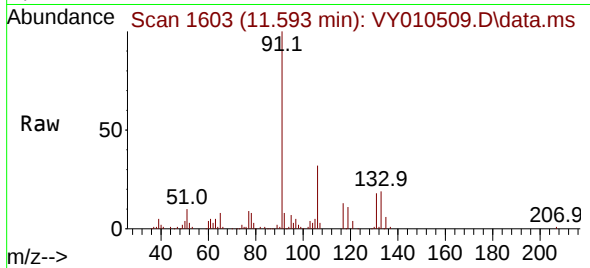
#67
Ethyl Benzene
Concen: 4.115 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 48014
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7

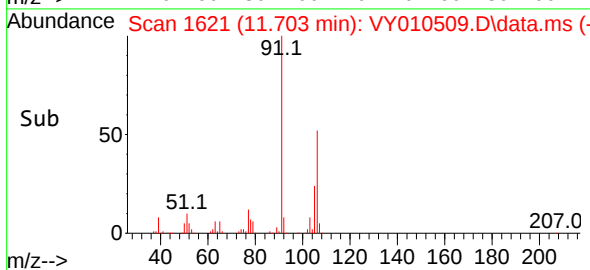
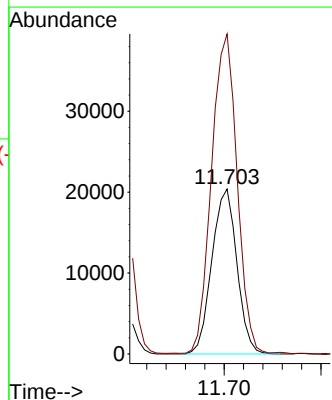
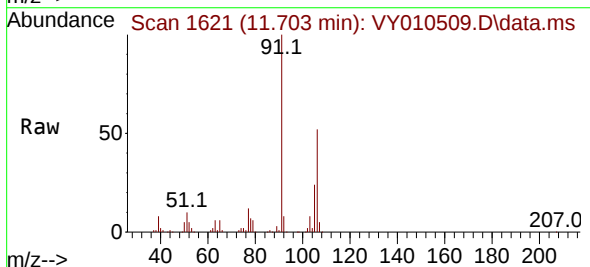
Manual Integrations
APPROVED

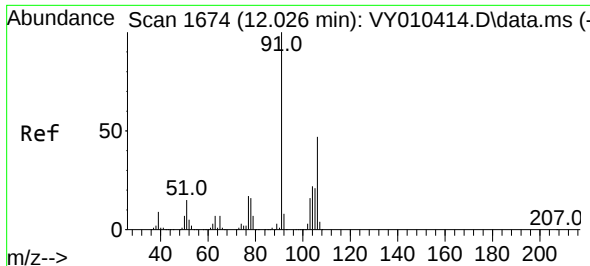
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#68
m/p-Xylenes
Concen: 7.984 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

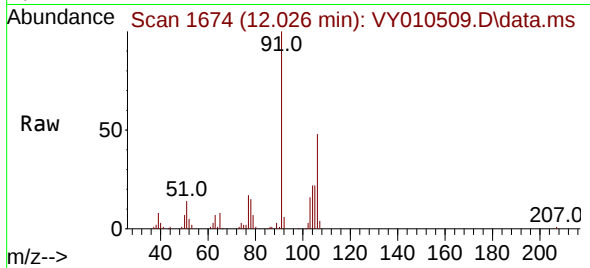
Tgt Ion:106 Resp: 36575
Ion Ratio Lower Upper
106 100
91 199.5 166.6 249.8





#69
o-Xylene
Concen: 4.009 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

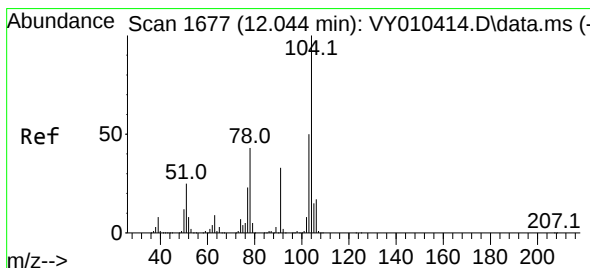
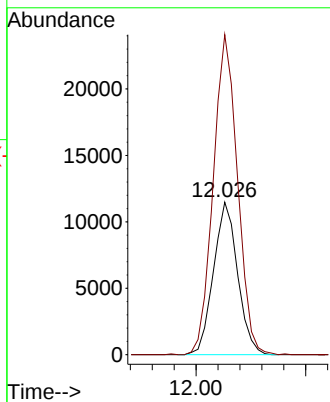
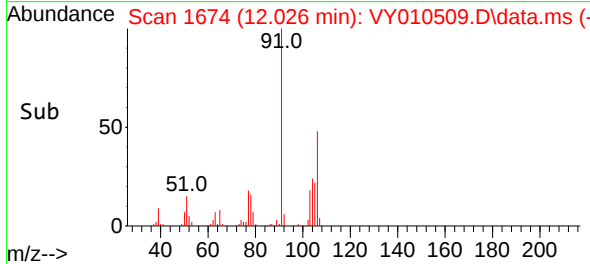
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:106 Resp: 17538
Ion Ratio Lower Upper
106 100
91 211.4 110.3 331.0

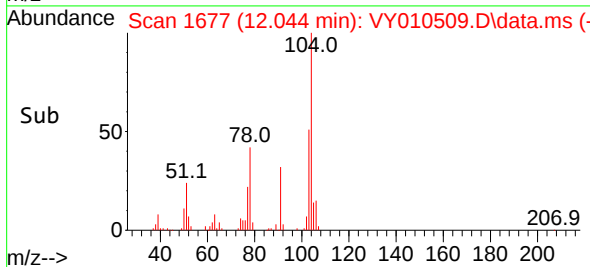
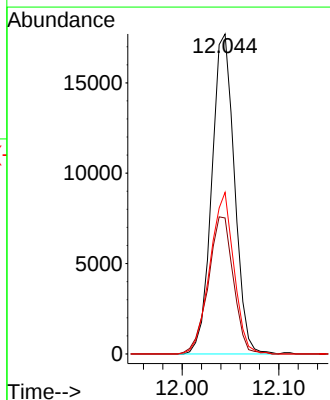
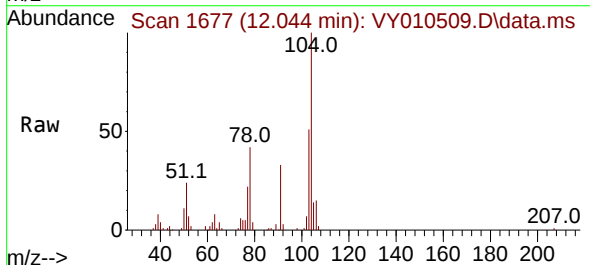
Manual Integrations
APPROVED

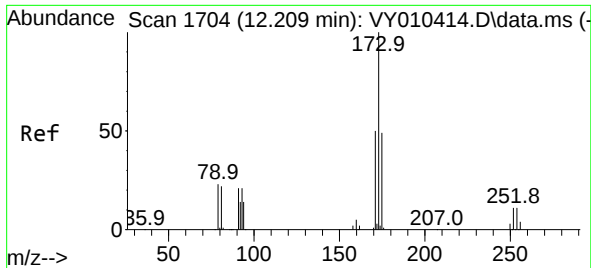
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#70
Styrene
Concen: 3.892 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

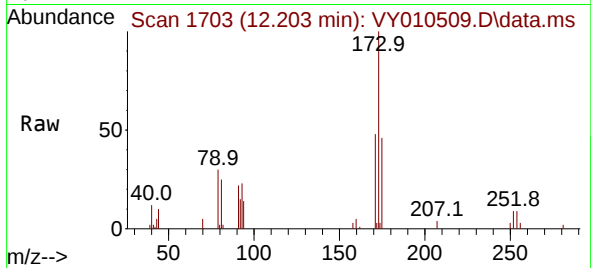
Tgt Ion:104 Resp: 28816
Ion Ratio Lower Upper
104 100
78 47.5 42.4 63.6
103 53.4 44.4 66.6





#71
Bromoform
Concen: 3.993 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

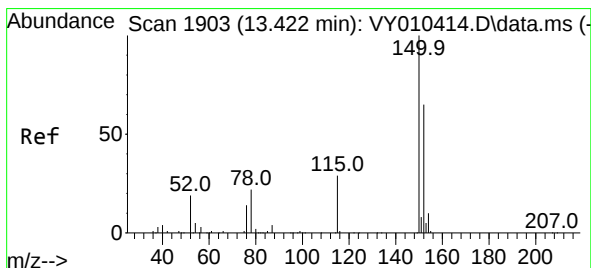
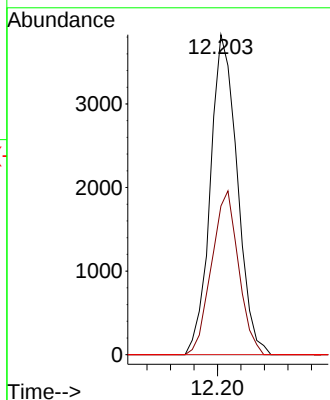
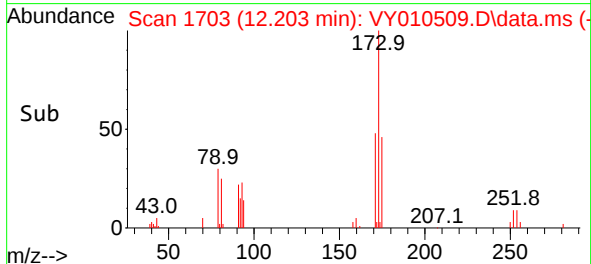
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



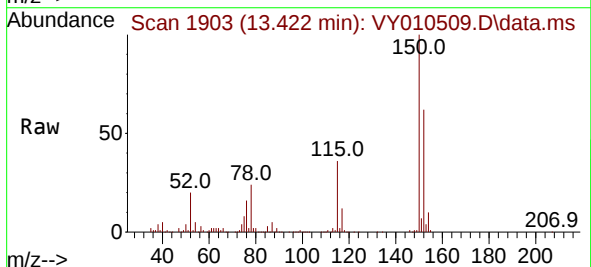
Tgt Ion:173 Resp: 6090
Ion Ratio Lower Upper
173 100
175 51.1 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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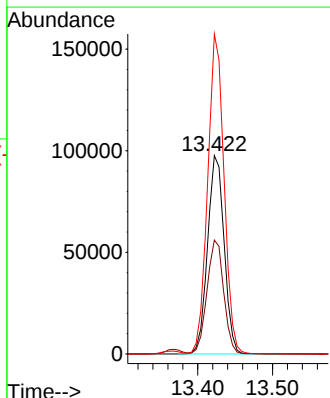
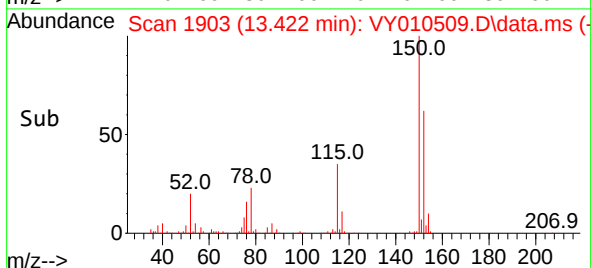
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

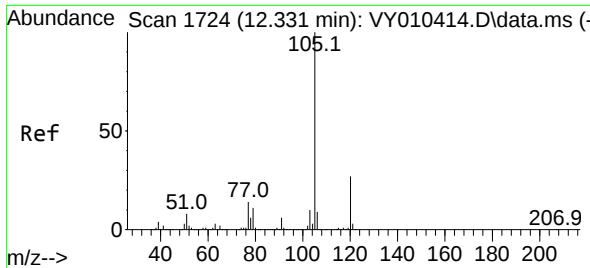


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



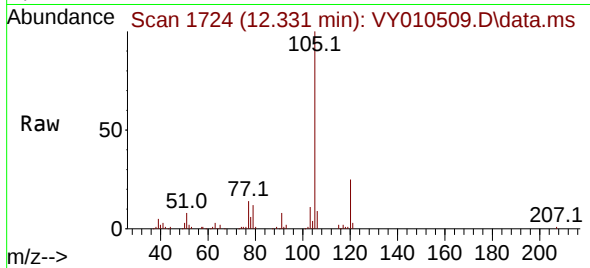
Tgt Ion:152 Resp: 150473
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.6 0.0 347.6





#73
Isopropylbenzene
Concen: 3.938 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

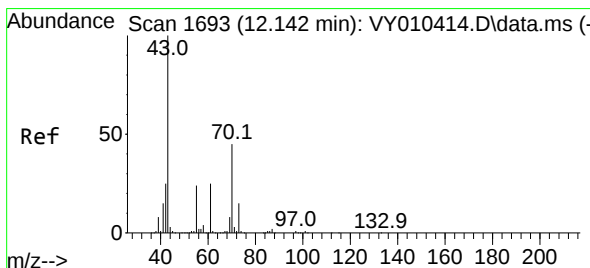
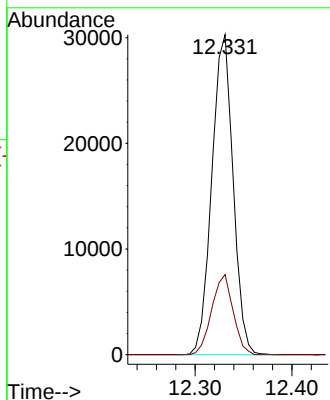
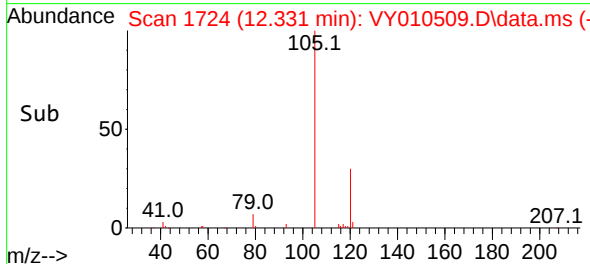
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:105 Resp: 46229
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.2

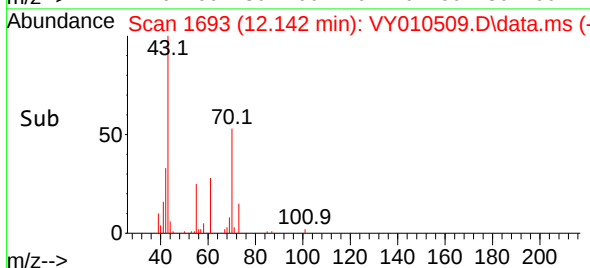
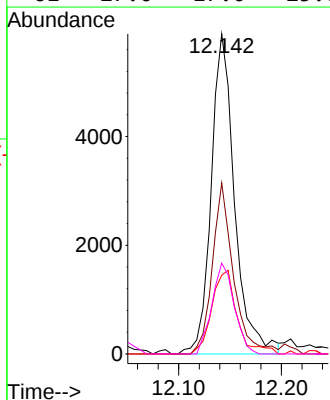
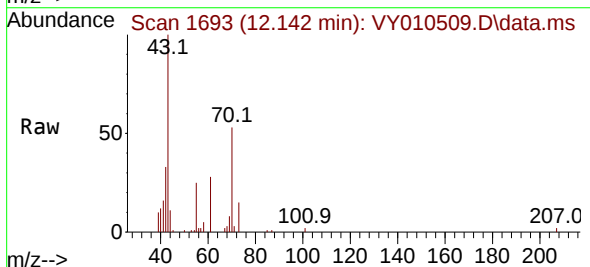
Manual Integrations
APPROVED

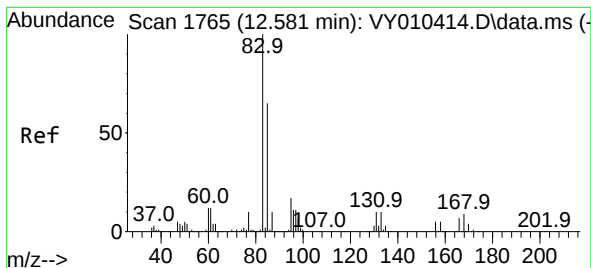
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#74
N-ethyl acetate
Concen: 3.400 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

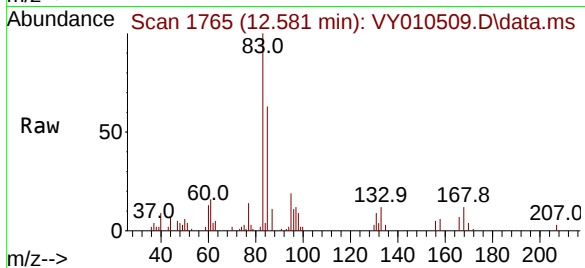
Tgt Ion: 43 Resp: 9314
Ion Ratio Lower Upper
43 100
70 48.2 28.7 43.1#
55 28.1 17.3 25.9#
61 27.0 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.378 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

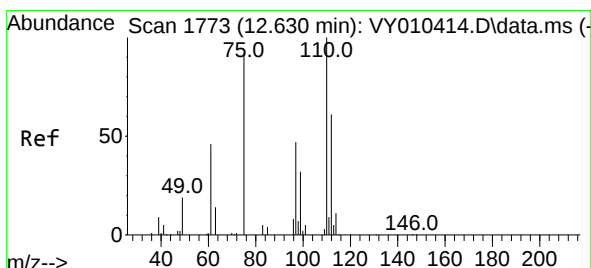
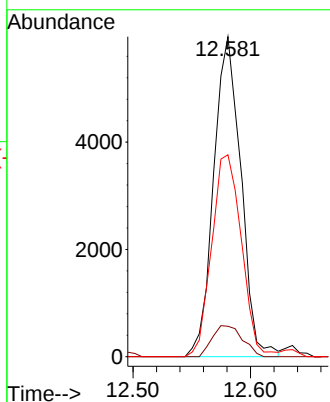
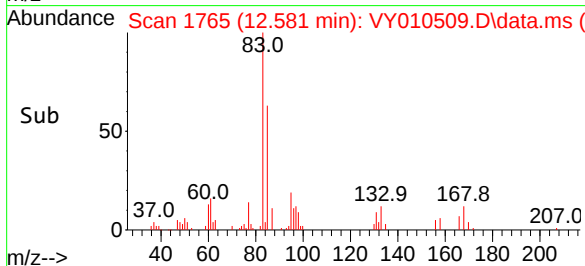
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



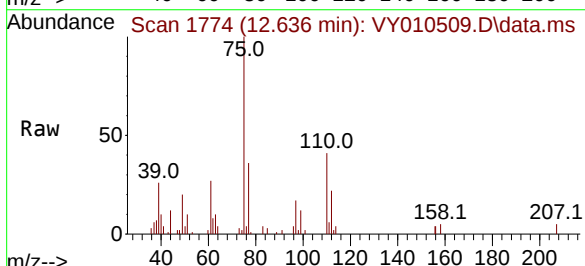
Tgt Ion: 83 Resp: 9614
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 68.8 32.3 96.8

Manual Integrations
APPROVED

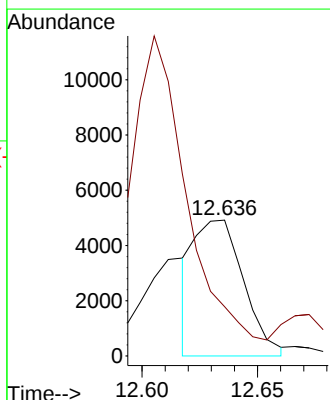
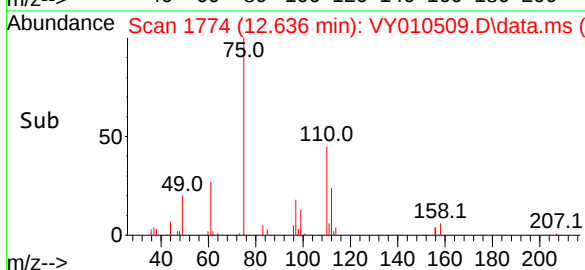
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

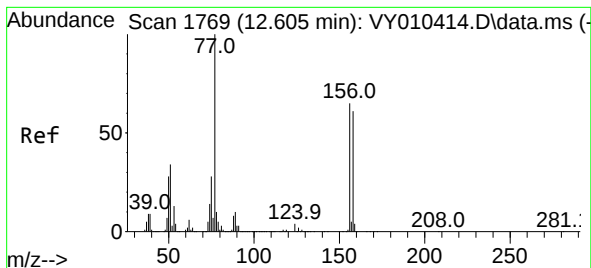


#76
1,2,3-Trichloropropane
Concen: 4.420 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



Tgt Ion: 75 Resp: 7341
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.186 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

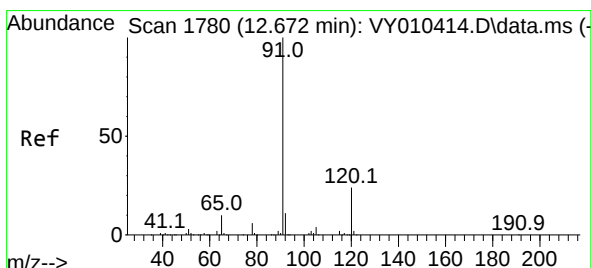
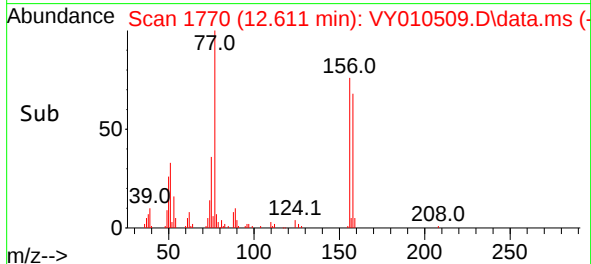
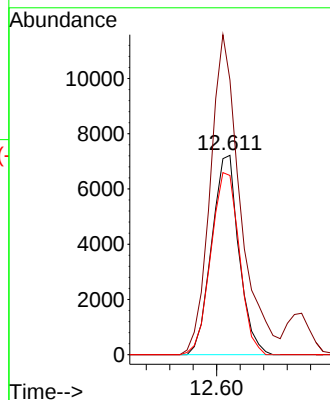
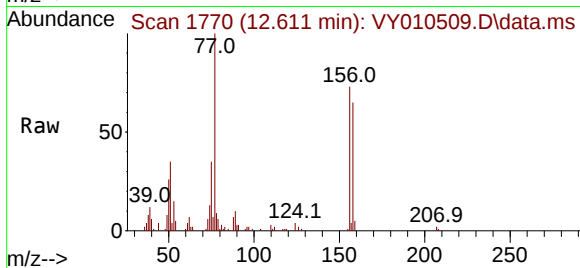
Tgt Ion:	156	Resp:	11644
Ion Ratio	Lower	Upper	
156	100		
77	176.9	95.5	286.4
158	95.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#78

n-propylbenzene

Concen: 4.061 ug/l

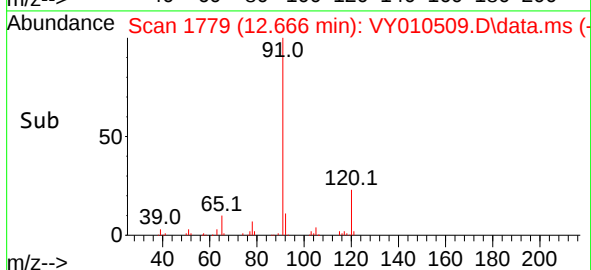
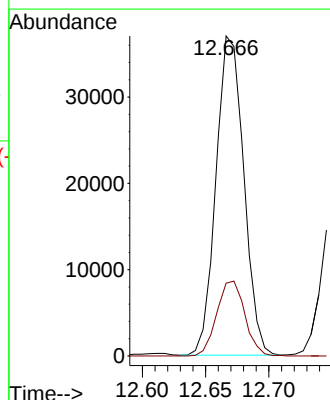
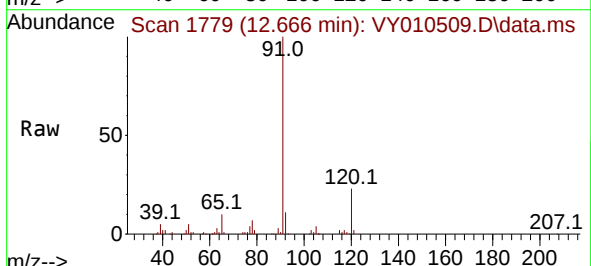
RT: 12.666 min Scan# 1779

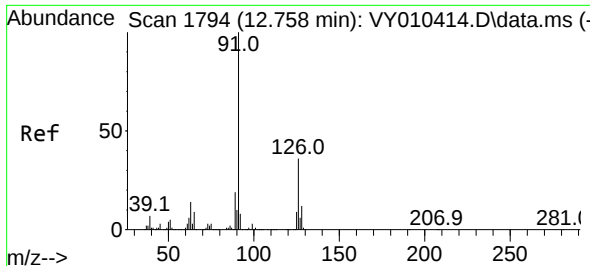
Delta R.T. -0.006 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Tgt Ion:	91	Resp:	56453
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.3	33.9





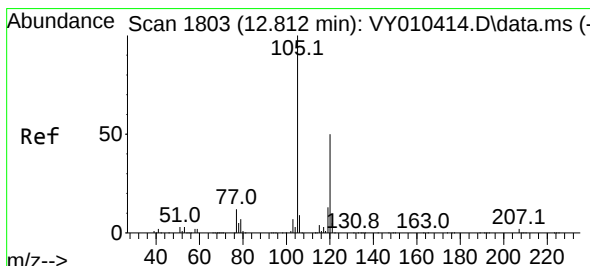
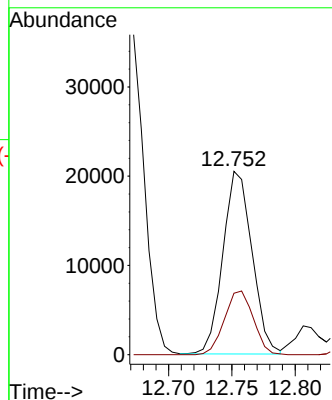
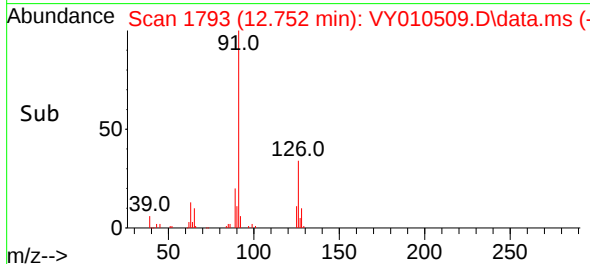
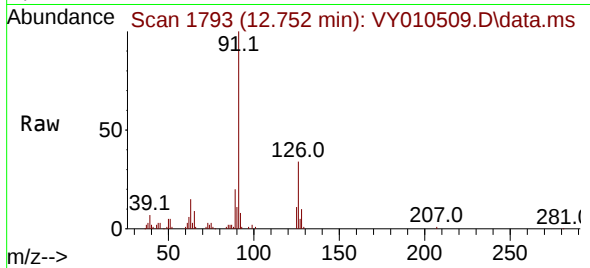
#79
2-Chlorotoluene
Concen: 4.204 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 3283
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.6

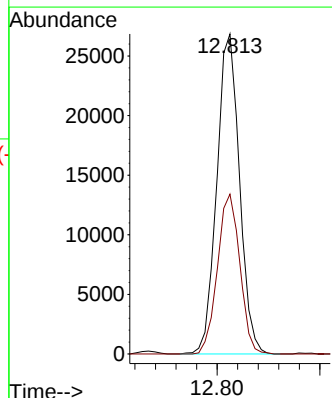
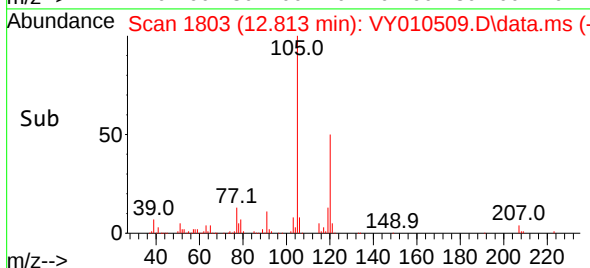
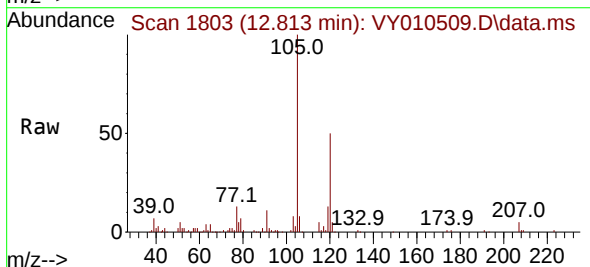
Manual Integrations
APPROVED

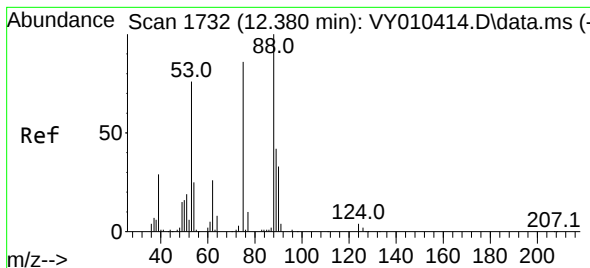
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.143 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:105 Resp: 41040
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4





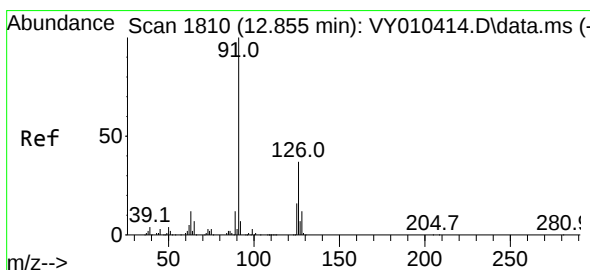
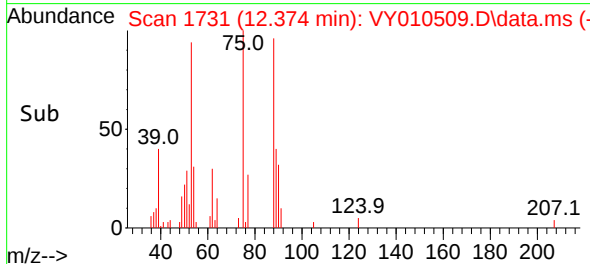
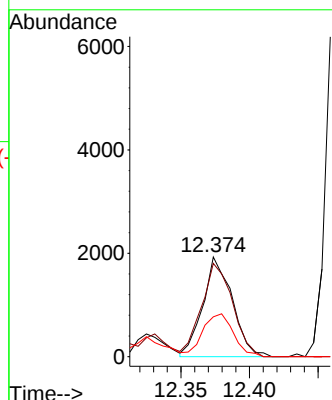
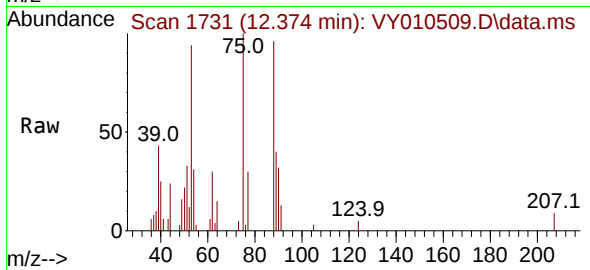
#81
trans-1,4-Dichloro-2-butene
Concen: 3.856 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 75 Resp: 2884
Ion Ratio Lower Upper
75 100
53 98.9 85.3 127.9
89 44.9 37.0 55.4

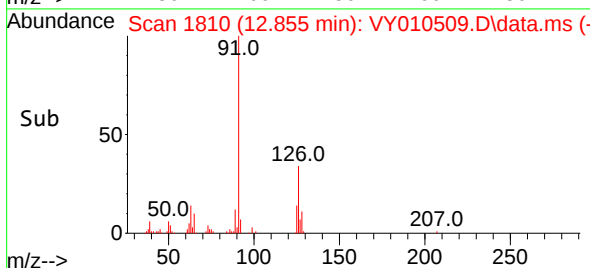
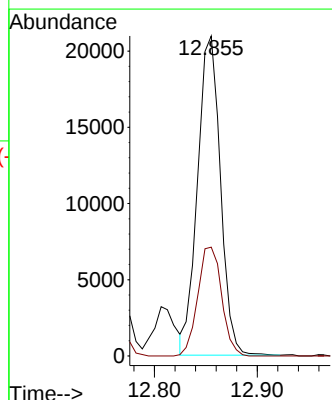
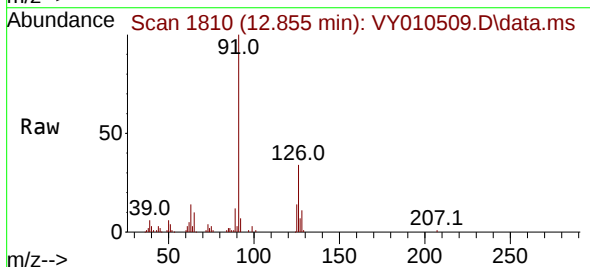
Manual Integrations
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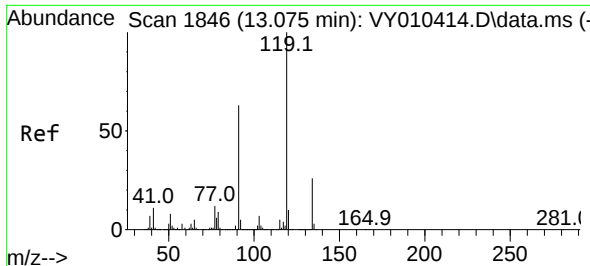
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#82
4-Chlorotoluene
Concen: 3.991 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

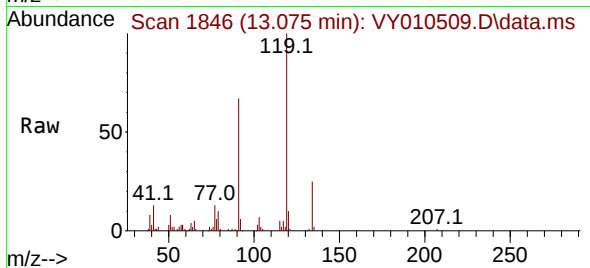
Tgt Ion: 91 Resp: 32422
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0





#83
tert-Butylbenzene
Concen: 3.918 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

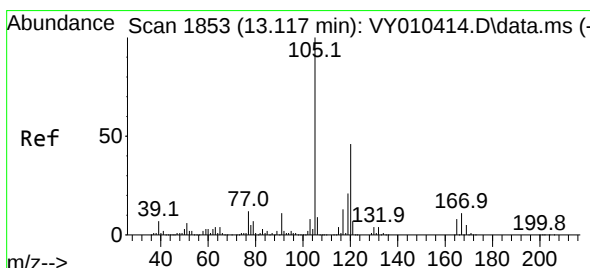
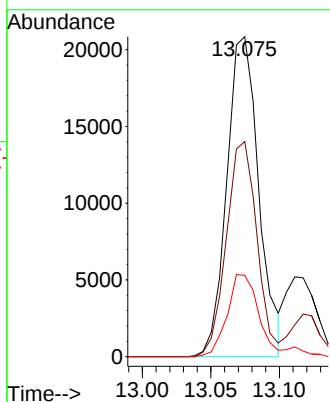
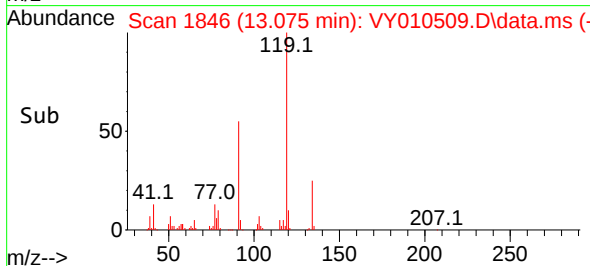
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



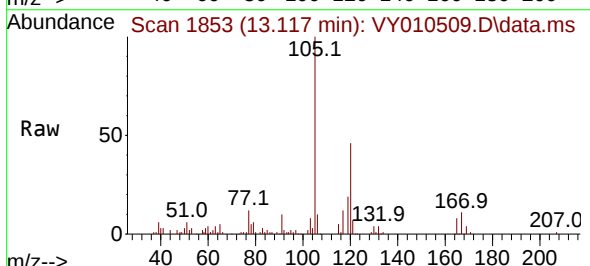
Tgt Ion:119 Resp: 33920
Ion Ratio Lower Upper
119 100
91 64.3 34.8 104.4
134 26.8 13.3 39.9

Manual Integrations
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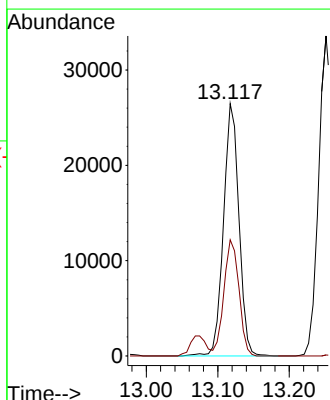
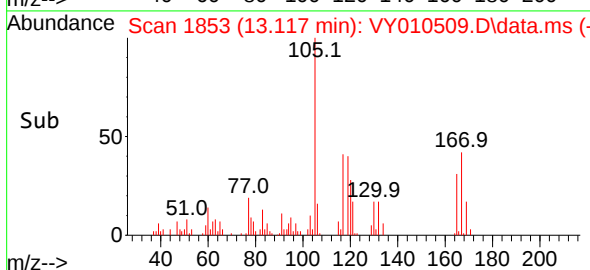
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

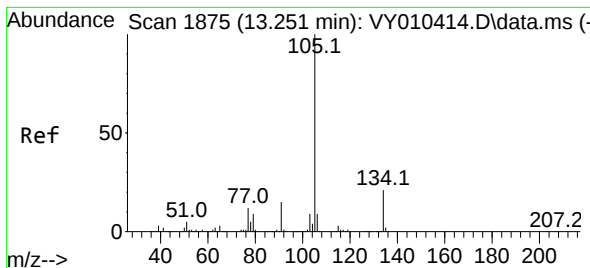


#84
1,2,4-Trimethylbenzene
Concen: 4.096 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



Tgt Ion:105 Resp: 39696
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9





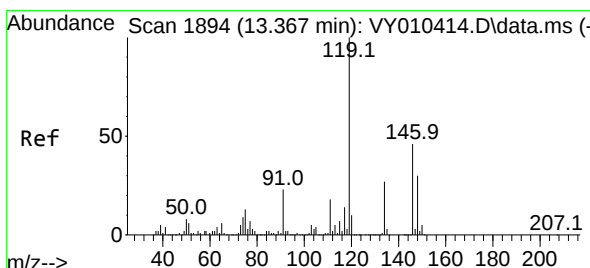
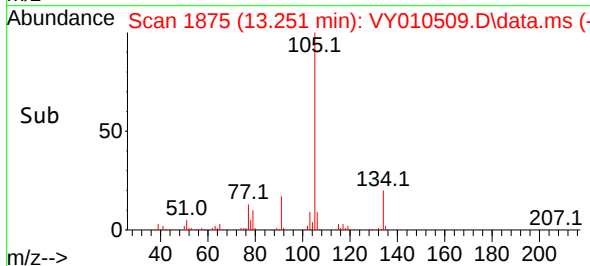
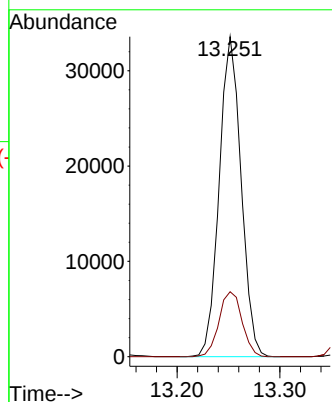
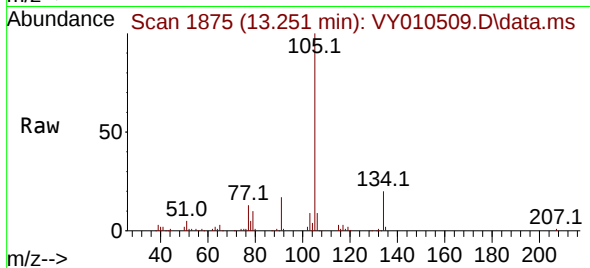
#85
 sec-Butylbenzene
 Concen: 3.864 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010509.D
 Acq: 15 Sep 2022 14:28

Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:105 Resp: 49544
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.2 30.4

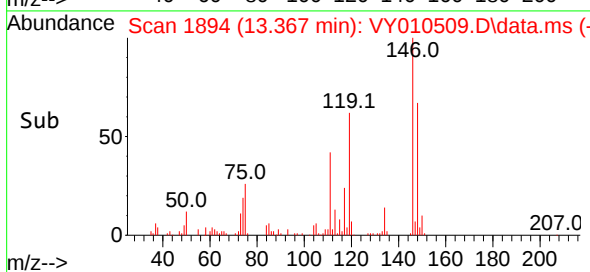
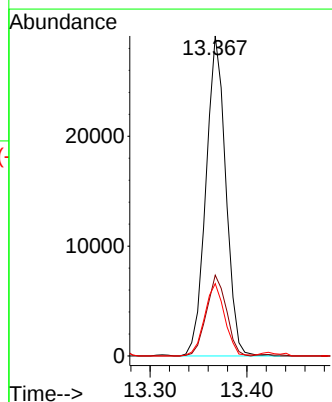
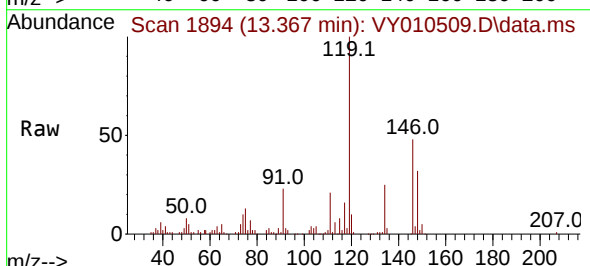
Manual Integrations
 APPROVED

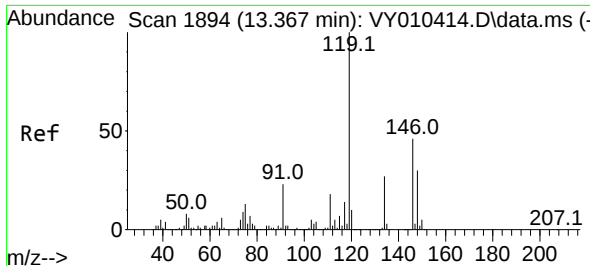
Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#86
 p-Isopropyltoluene
 Concen: 3.827 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010509.D
 Acq: 15 Sep 2022 14:28

Tgt Ion:119 Resp: 41500
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 23.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.082 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

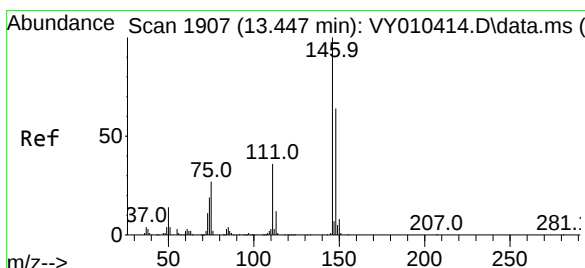
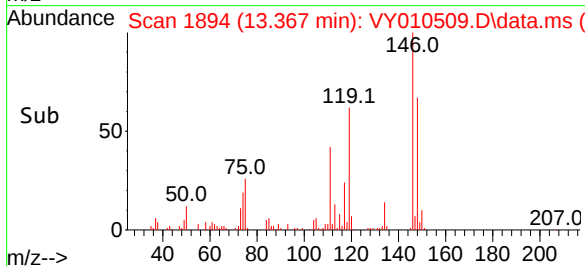
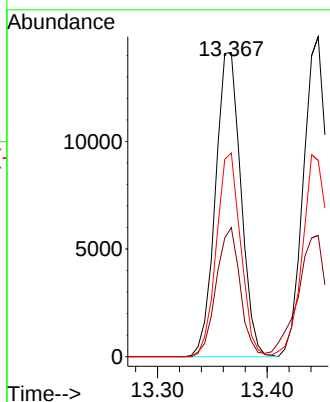
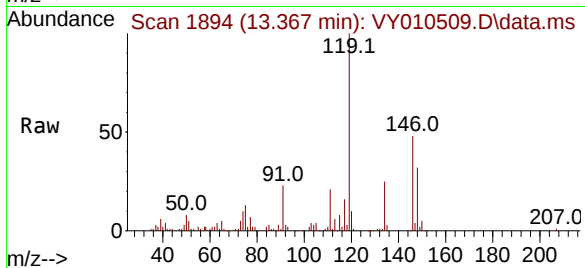
Tgt Ion:146	Resp:	22804
Ion Ratio	Lower	Upper
146	100	
111	40.2	19.5 58.5
148	63.8	31.6 95.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#88

1,4-Dichlorobenzene

Concen: 4.127 ug/l

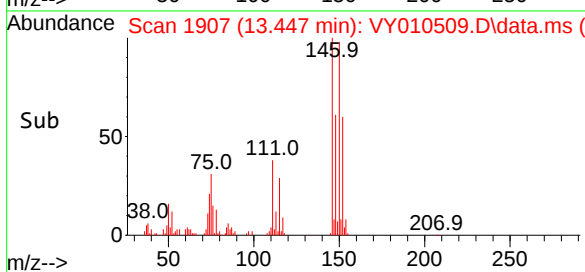
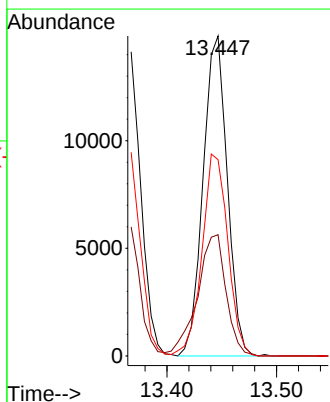
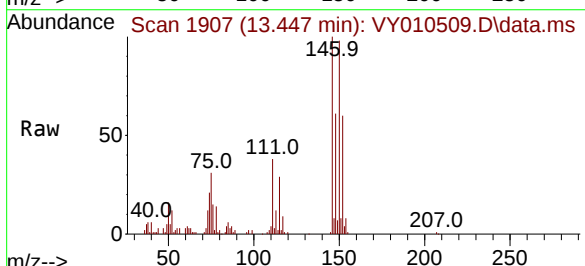
RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY010509.D

Acq: 15 Sep 2022 14:28

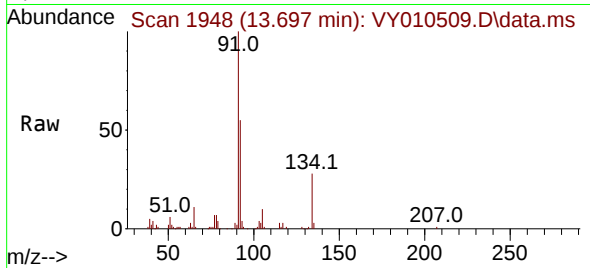
Tgt Ion:146	Resp:	22829
Ion Ratio	Lower	Upper
146	100	
111	45.1	19.3 57.8
148	67.2	32.6 97.8





#89
n-Butylbenzene
Concen: 3.875 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

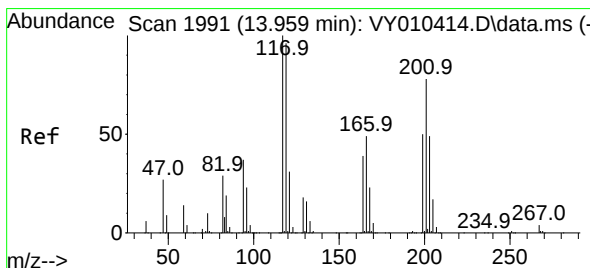
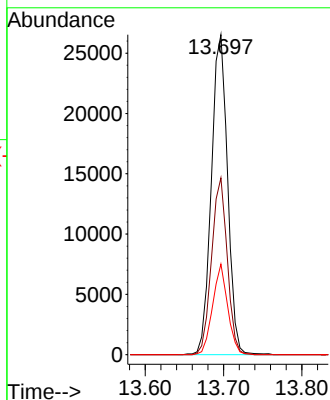
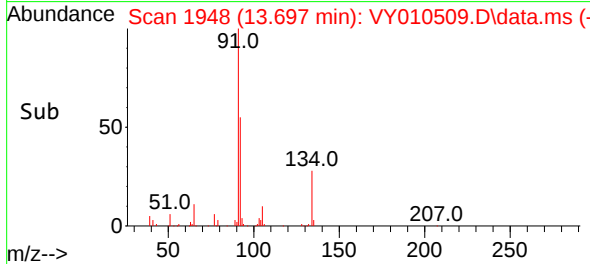
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 91 Resp: 38149
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.9
134 26.4 13.0 38.9

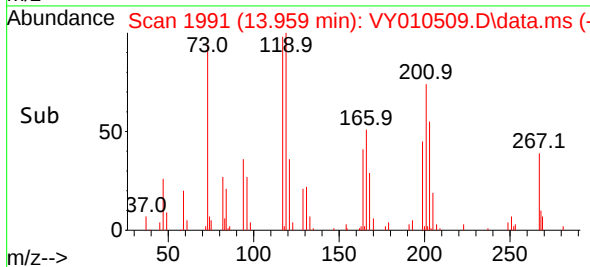
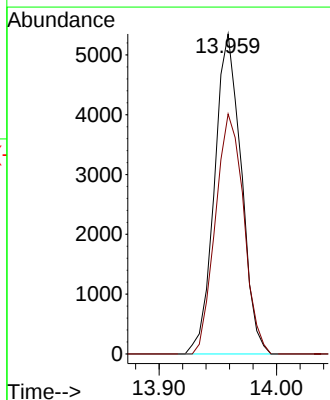
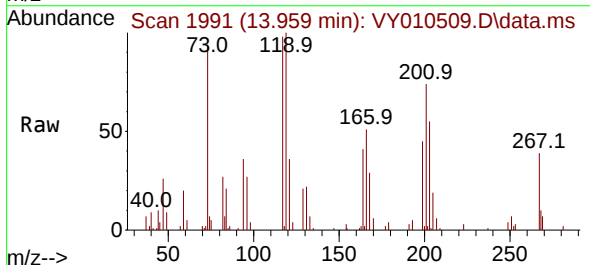
Manual Integrations
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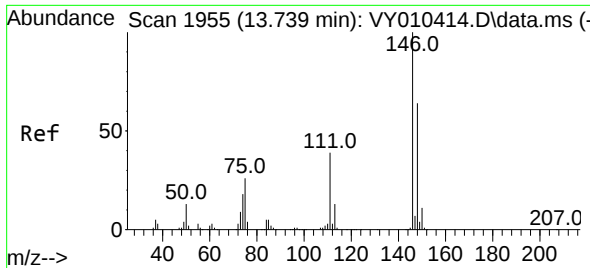
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#90
Hexachloroethane
Concen: 4.156 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:117 Resp: 8463
Ion Ratio Lower Upper
117 100
201 79.5 43.0 128.8





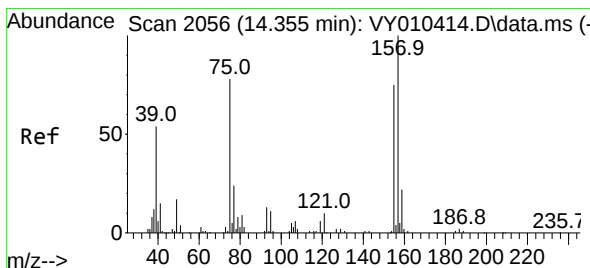
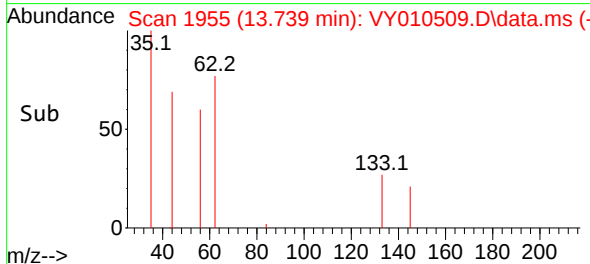
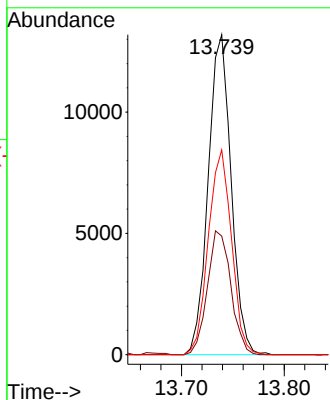
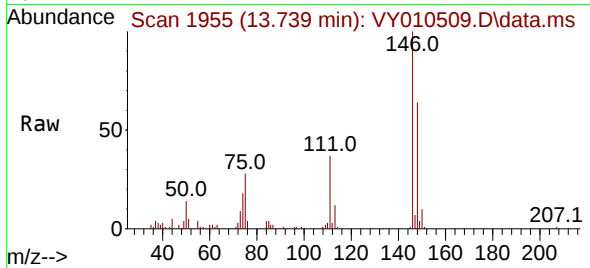
#91
1,2-Dichlorobenzene
Concen: 4.129 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:146 Resp: 20430
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.9
148 64.8 32.3 96.9

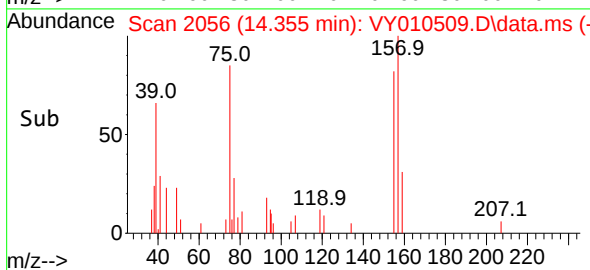
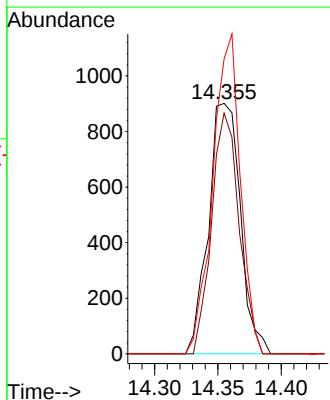
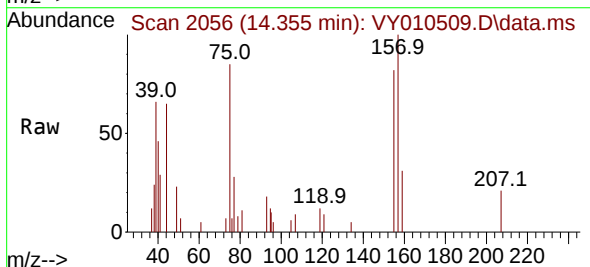
Manual Integrations
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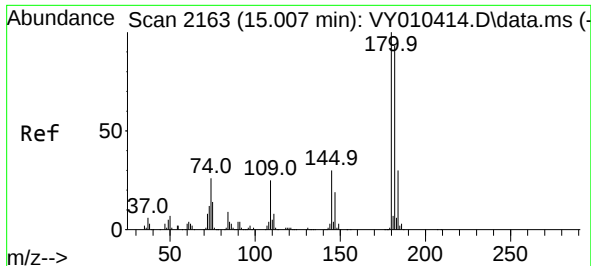
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.270 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

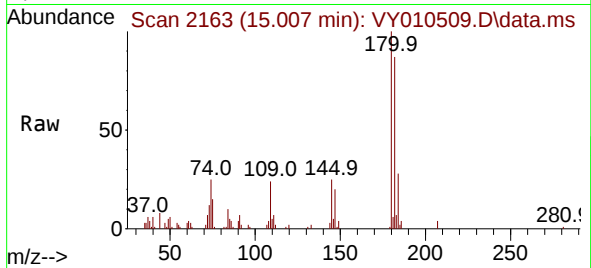
Tgt Ion: 75 Resp: 1583
Ion Ratio Lower Upper
75 100
155 83.2 38.0 113.9
157 110.0 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 3.649 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

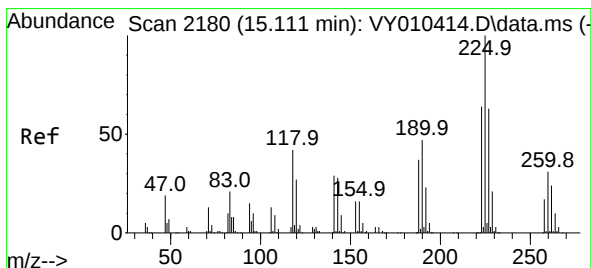
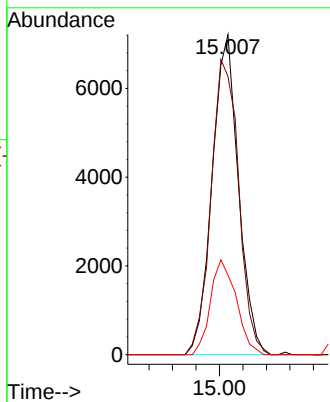
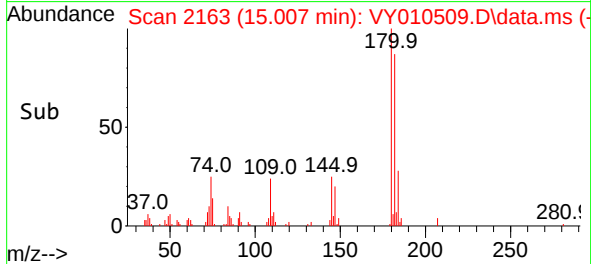
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



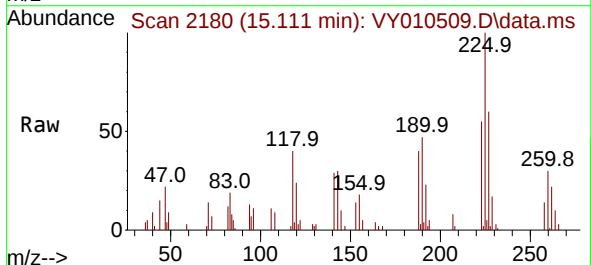
Tgt Ion:180 Resp: 11215
Ion Ratio Lower Upper
180 100
182 96.9 47.3 141.9
145 29.1 14.6 43.8

Manual Integrations
APPROVED

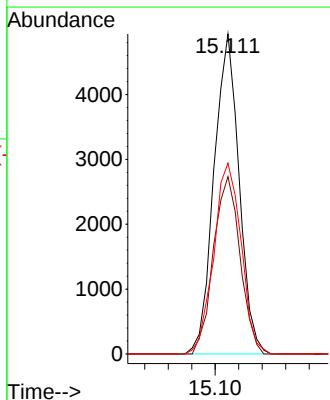
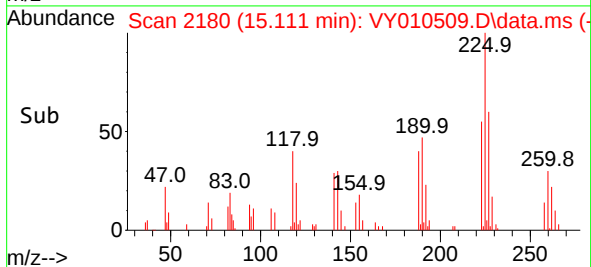
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

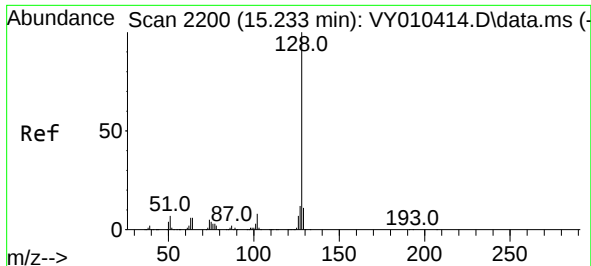


#94
Hexachlorobutadiene
Concen: 3.941 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28



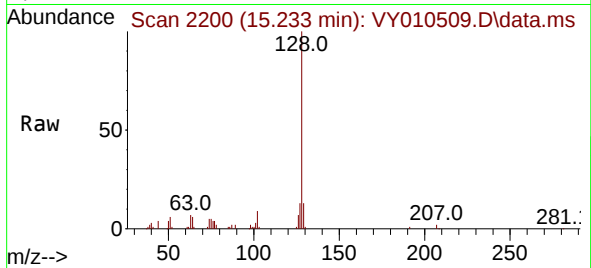
Tgt Ion:225 Resp: 7308
Ion Ratio Lower Upper
225 100
223 58.7 30.8 92.3
227 65.1 31.6 94.7





#95
Naphthalene
Concen: 3.599 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

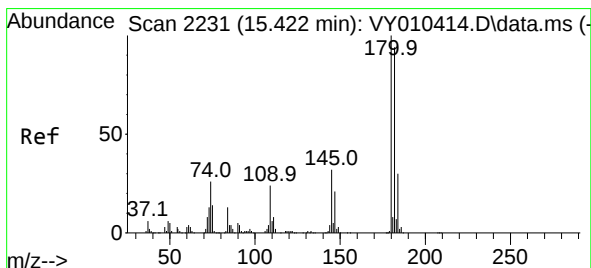
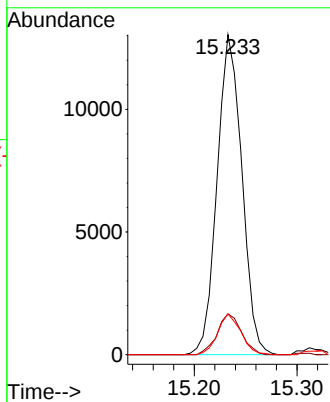
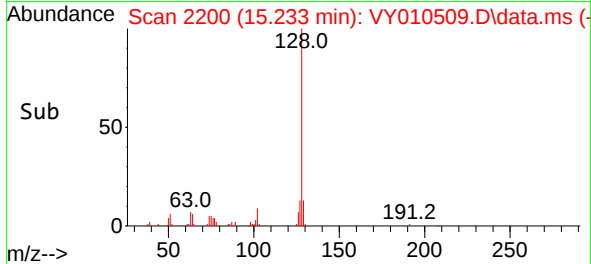
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:128 Resp: 2181
Ion Ratio Lower Upper
128 100
127 12.5 11.0 16.4
129 11.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 3.739 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010509.D
Acq: 15 Sep 2022 14:28

Tgt Ion:180 Resp: 10030
Ion Ratio Lower Upper
180 100
182 92.8 47.3 141.9
145 33.7 15.3 45.9

