

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010461.D
 Acq On : 13 Sep 2022 16:06
 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 14 06:29:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 06:25:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	215068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	304601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127001	58.632	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.260%			
35) Dibromofluoromethane	7.710	113	123195	50.821	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.640%			
50) Toluene-d8	10.173	98	450589	57.353	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.700%			
62) 4-Bromofluorobenzene	12.477	95	160399	44.491	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	10005	6.072	ug/l	92
3) Chloromethane	2.107	50	12213	5.054	ug/l	99
4) Vinyl Chloride	2.241	62	13846	4.645	ug/l	97
5) Bromomethane	2.637	94	10347	4.954	ug/l	93
6) Chloroethane	2.778	64	9449	4.739	ug/l	99
7) Trichlorofluoromethane	3.107	101	17235	4.564	ug/l	97
8) Diethyl Ether	3.521	74	5603	4.582	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	10062	4.551	ug/l	94
10) Methyl Iodide	4.076	142	10929	3.995	ug/l	92
11) Tert butyl alcohol	4.942	59	8221	28.098	ug/l #	84
12) 1,1-Dichloroethene	3.863	96	9253	4.461	ug/l	85
13) Acrolein	3.723	56	3907	18.907	ug/l	99
14) Allyl chloride	4.466	41	13731	4.597	ug/l #	95
15) Acrylonitrile	5.155	53	13728	23.189	ug/l	98
16) Acetone	3.942	43	13714	27.588	ug/l	93
17) Carbon Disulfide	4.174	76	23264	4.148	ug/l	98
18) Methyl Acetate	4.466	43	9877	6.459	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	26241	4.581	ug/l	94
20) Methylene Chloride	4.698	84	43911	14.474	ug/l	87
21) trans-1,2-Dichloroethene	5.204	96	10282	4.366	ug/l	84
22) Diisopropyl ether	6.106	45	29521	4.427	ug/l #	95
23) Vinyl Acetate	6.051	43	78598	19.235	ug/l #	88
24) 1,1-Dichloroethane	6.003	63	18756	4.646	ug/l	96
25) 2-Butanone	6.972	43	23780	30.102	ug/l	97
26) 2,2-Dichloropropane	6.972	77	23556	6.115	ug/l	91
27) cis-1,2-Dichloroethene	6.978	96	12196	4.455	ug/l	91
28) Bromochloromethane	7.319	49	7028	5.430	ug/l #	81
29) Tetrahydrofuran	7.344	42	12062	24.464	ug/l #	88
30) Chloroform	7.496	83	19813	4.627	ug/l	97
31) Cyclohexane	7.777	56	19446	5.314	ug/l #	74
32) 1,1,1-Trichloroethane	7.691	97	17749	4.578	ug/l	96
36) 1,1-Dichloropropene	7.905	75	14814	4.464	ug/l	99
37) Ethyl Acetate	7.063	43	8084	4.634	ug/l #	91
38) Carbon Tetrachloride	7.893	117	15859	4.295	ug/l	98
39) Methylcyclohexane	9.179	83	17274	4.175	ug/l	94
40) Benzene	8.155	78	43156	4.517	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	3306m	3.315	ug/l	
42) 1,2-Dichloroethane	8.234	62	13128	4.621	ug/l	93
43) Isopropyl Acetate	8.264	43	14141	4.429	ug/l #	89
44) Trichloroethene	8.935	130	12153	4.322	ug/l	94
45) 1,2-Dichloropropane	9.209	63	10333	4.435	ug/l	95
46) Dibromomethane	9.301	93	6334	4.508	ug/l	99
47) Bromodichloromethane	9.490	83	14686	4.401	ug/l	98
48) Methyl methacrylate	9.289	41	6070	4.233	ug/l #	82
49) 1,4-Dioxane	9.289	88	1595	85.756	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	37776	21.571	ug/l	91
52) Toluene	10.240	92	27504	4.400	ug/l	91
53) t-1,3-Dichloropropene	10.459	75	13924	4.054	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	16556	4.274	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	9284	4.645	ug/l	97
56) Ethyl methacrylate	10.508	69	10406	3.964	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	15131	4.553	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	28411	31.818	ug/l	93
59) 2-Hexanone	10.831	43	24290	20.348	ug/l	88
60) Dibromochloromethane	10.977	129	10242	4.193	ug/l	96
61) 1,2-Dibromoethane	11.087	107	8529	4.396	ug/l	97
64) Tetrachloroethene	10.715	164	12066	4.395	ug/l	95
65) Chlorobenzene	11.514	112	30152	4.426	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	10788	4.276	ug/l	94
67) Ethyl Benzene	11.587	91	50945	4.226	ug/l	98
68) m/p-Xylenes	11.697	106	39272	8.297	ug/l	97
69) o-Xylene	12.026	106	18699	4.137	ug/l	95
70) Styrene	12.044	104	30489	3.986	ug/l	95
71) Bromoform	12.203	173	6516	4.131	ug/l #	100
73) Isopropylbenzene	12.325	105	50076	4.193	ug/l	99
74) N-amyl acetate	12.142	43	10554	3.788	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	10368	4.641	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	7397m	4.379	ug/l	
77) Bromobenzene	12.605	156	11823	4.178	ug/l	98
78) n-propylbenzene	12.666	91	60303	4.264	ug/l	97
79) 2-Chlorotoluene	12.751	91	33938	4.272	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	43929	4.360	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	3118	4.098	ug/l	90
82) 4-Chlorotoluene	12.849	91	35612	4.309	ug/l	97
83) tert-Butylbenzene	13.068	119	36390	4.132	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	42222	4.283	ug/l	96
85) sec-Butylbenzene	13.251	105	54303	4.164	ug/l	100
86) p-Isopropyltoluene	13.367	119	44993	4.079	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	23836	4.195	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	24446	4.345	ug/l	93
89) n-Butylbenzene	13.690	91	41462	4.141	ug/l	99
90) Hexachloroethane	13.959	117	9060	4.375	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	21359	4.244	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1752	4.646	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	13257	4.241	ug/l	96
94) Hexachlorobutadiene	15.111	225	8053	4.270	ug/l	96
95) Naphthalene	15.233	128	25724	4.172	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	11707	4.290	ug/l	97

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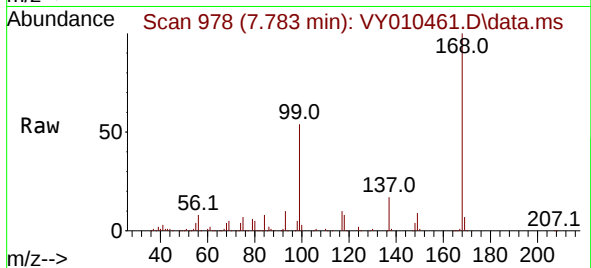
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010461.D
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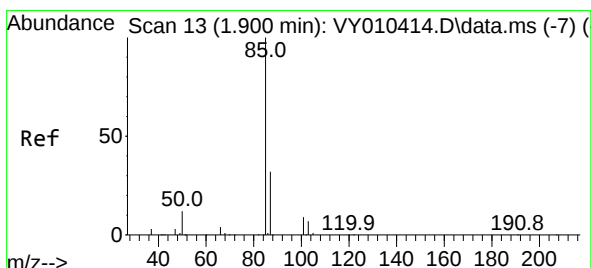
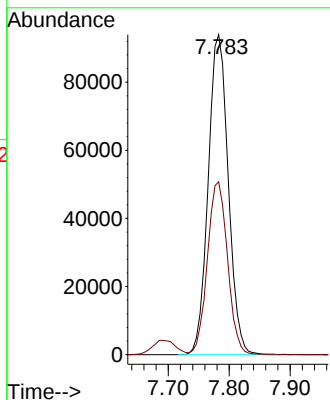
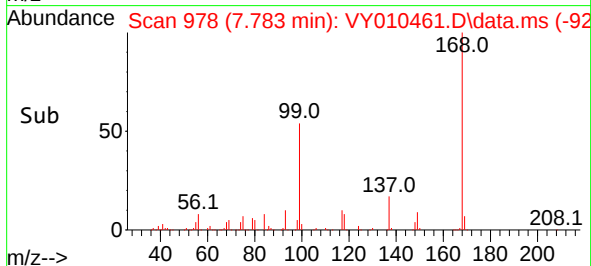
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 215068
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3

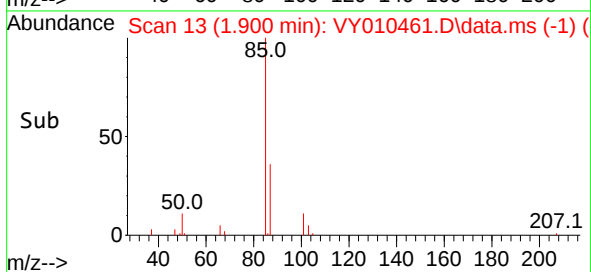
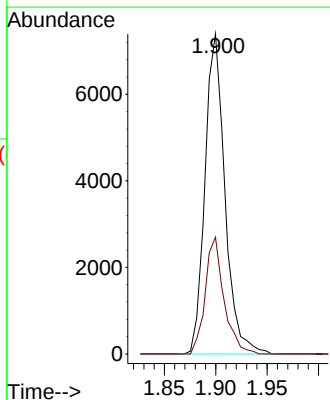
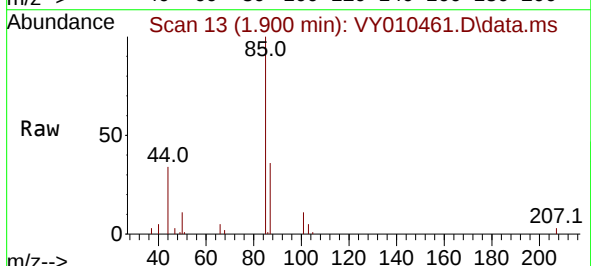
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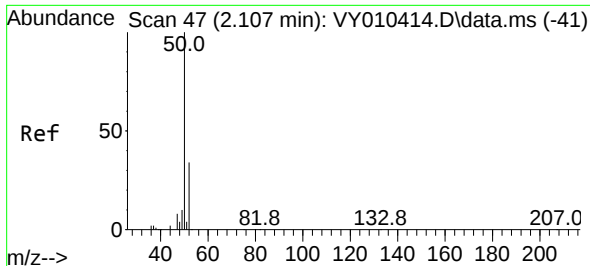
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#2
Dichlorodifluoromethane
Concen: 6.072 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion: 85 Resp: 10005
Ion Ratio Lower Upper
85 100
87 36.5 16.1 48.2





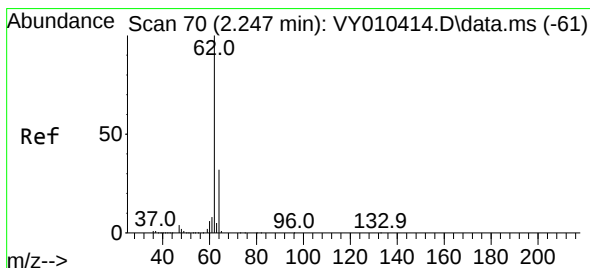
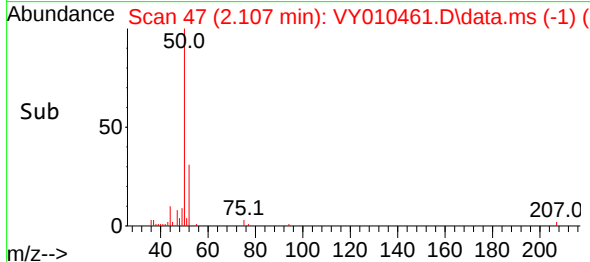
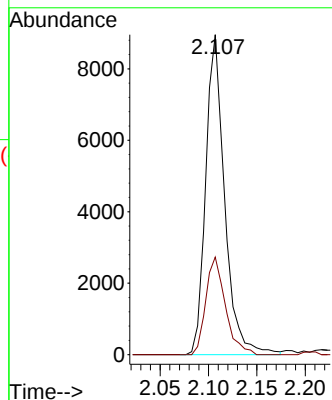
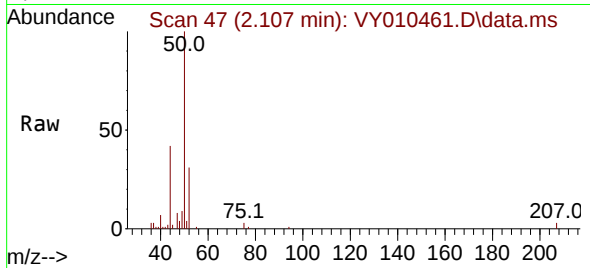
#3
Chloromethane
Concen: 5.054 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010461.D
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Tgt Ion: 50 Resp: 1221
Ion Ratio Lower Upper
50 100
52 30.5 24.6 37.0

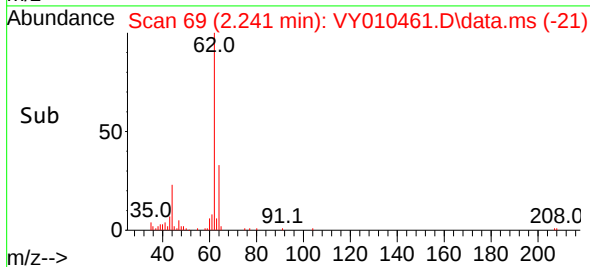
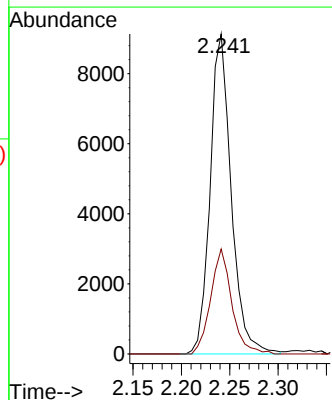
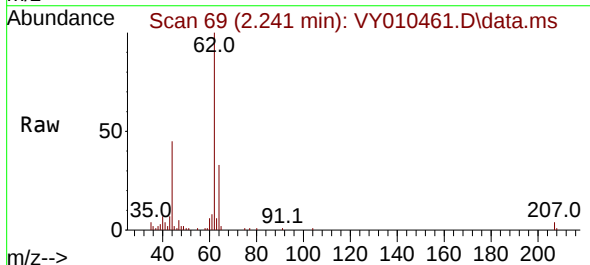
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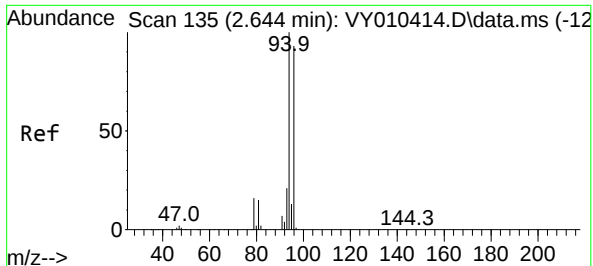
Reviewed By :Krupa Patel 09/14/2022
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#4
Vinyl Chloride
Concen: 4.645 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

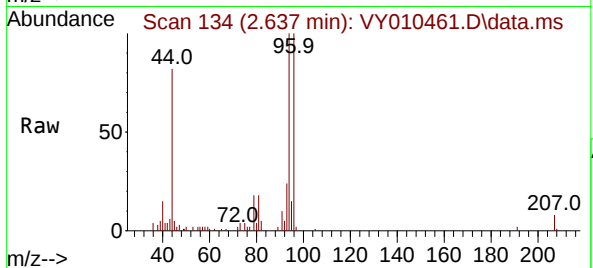
Tgt Ion: 62 Resp: 13846
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6





#5
Bromomethane
Concen: 4.954 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

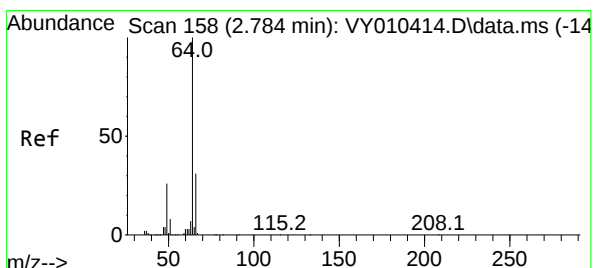
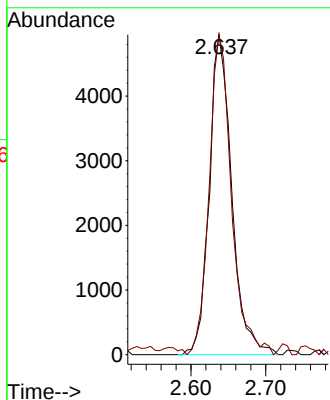
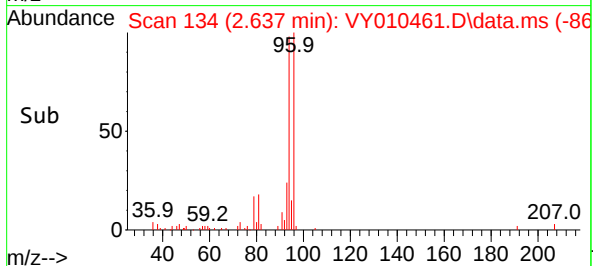
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Tgt Ion: 94 Resp: 1034
Ion Ratio Lower Upper
94 100
96 98.8 73.5 110.3

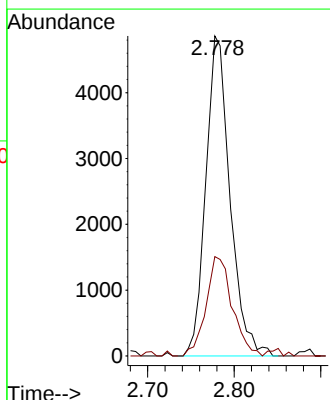
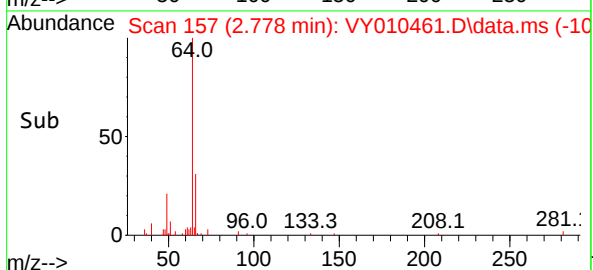
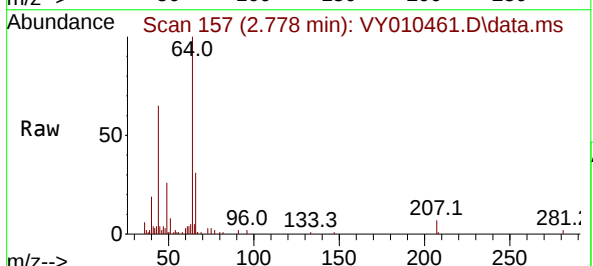
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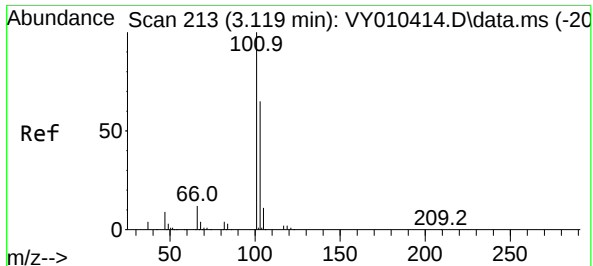
Reviewed By :Krupa Patel 09/14/2022
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#6
Chloroethane
Concen: 4.739 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

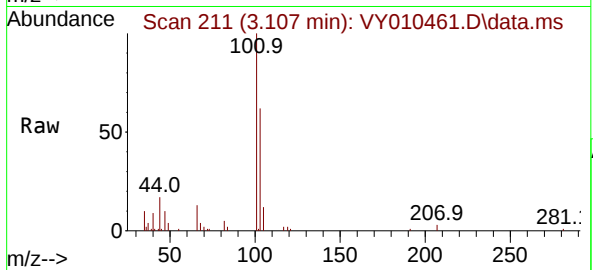
Tgt Ion: 64 Resp: 9449
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0





#7
Trichlorofluoromethane
Concen: 4.564 ug/l
RT: 3.107 min Scan# 213
Delta R.T. -0.012 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

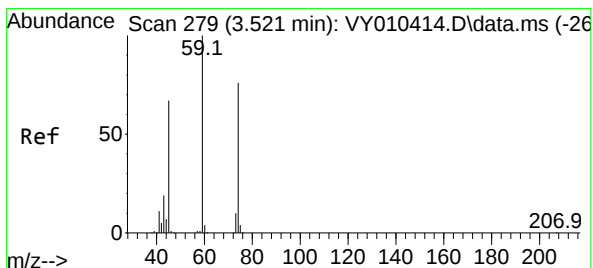
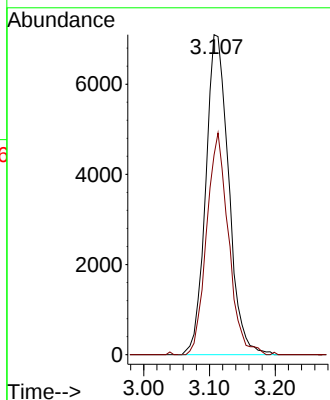
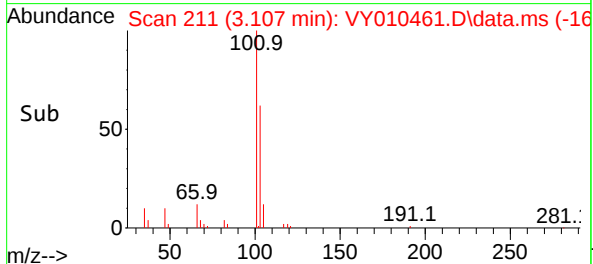
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



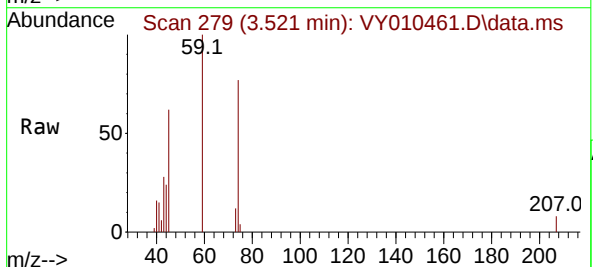
Tgt Ion:101 Resp: 1723
Ion Ratio Lower Upper
101 100
103 62.3 48.0 72.0

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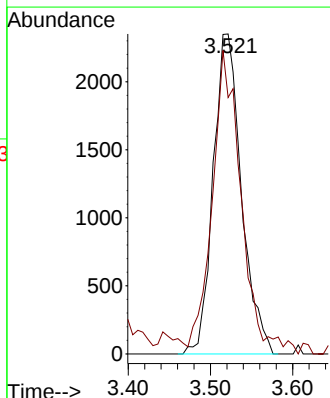
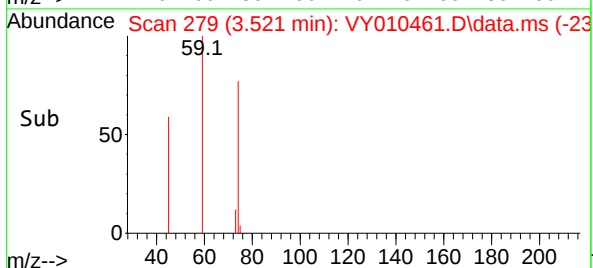
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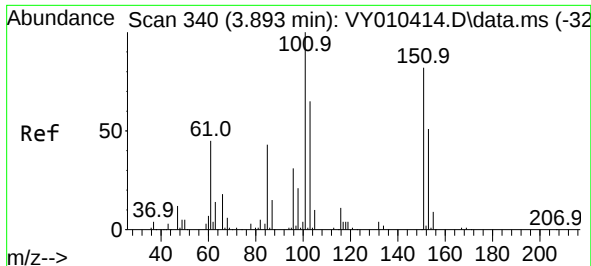


#8
Diethyl Ether
Concen: 4.582 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



Tgt Ion: 74 Resp: 5603
Ion Ratio Lower Upper
74 100
45 97.6 55.1 165.5





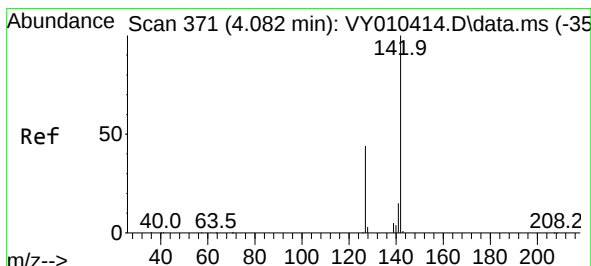
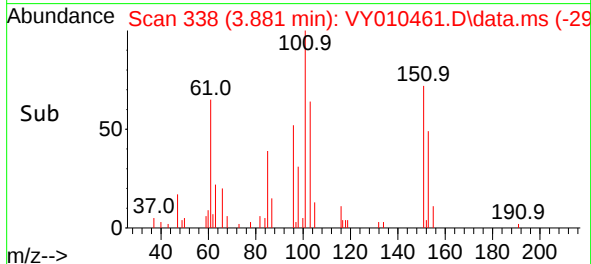
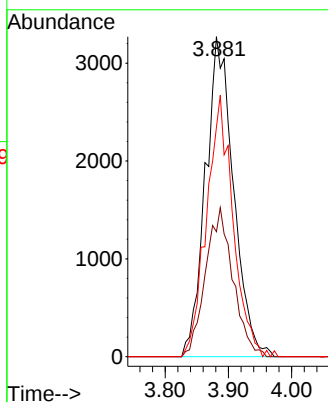
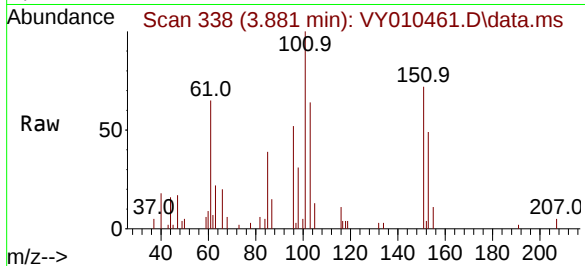
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.551 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

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

Tgt Ion:101 Resp: 1006
Ion Ratio Lower Upper
101 100
85 45.6 40.6 60.8
151 77.2 64.9 97.3

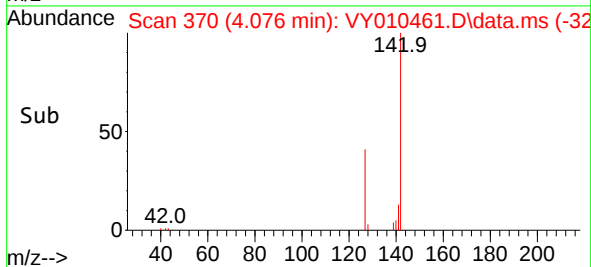
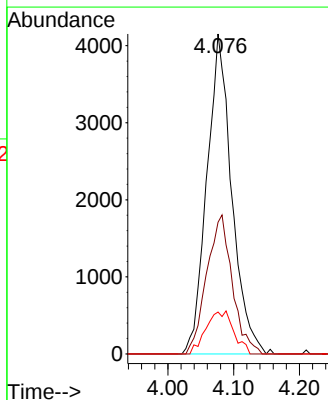
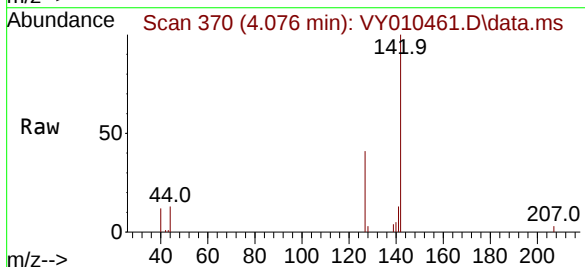
Manual Integrations
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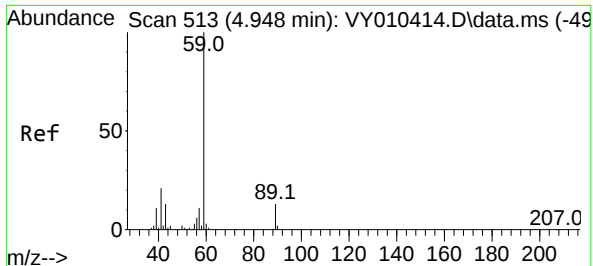
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 3.995 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion:142 Resp: 10929
Ion Ratio Lower Upper
142 100
127 44.6 41.5 62.3
141 14.8 11.9 17.9





#11

Tert butyl alcohol

Concen: 28.098 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

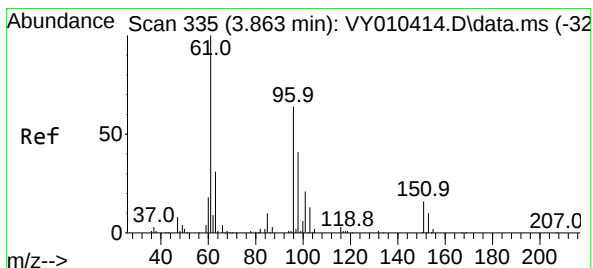
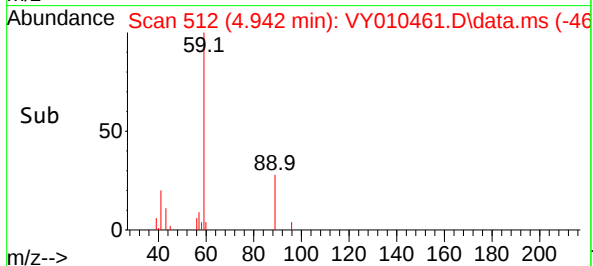
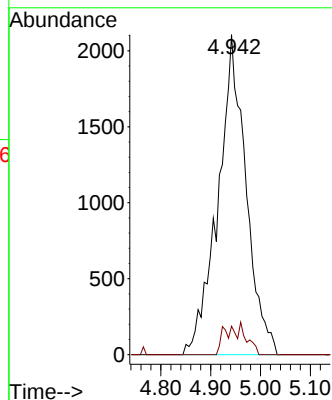
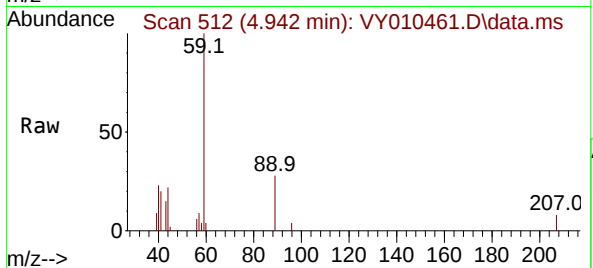
Tgt Ion: 59 Resp: 822
 Ion Ratio Lower Upper
 59 100
 57 2.3 6.4 9.6

Manual Integrations

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Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#12

1,1-Dichloroethene

Concen: 4.461 ug/l

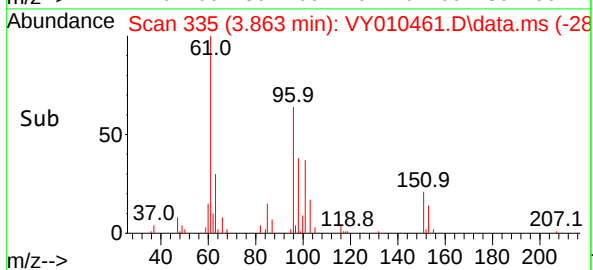
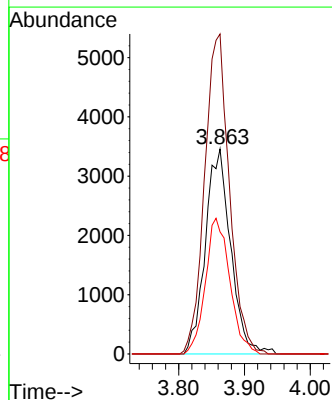
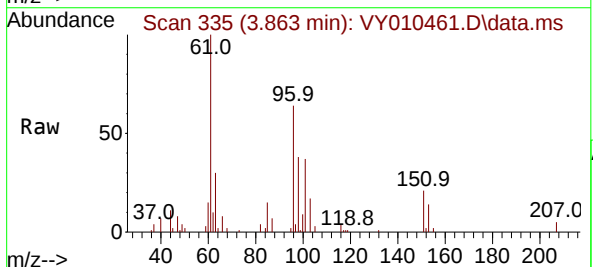
RT: 3.863 min Scan# 335

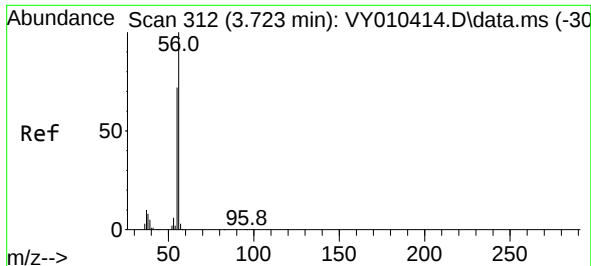
Delta R.T. -0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

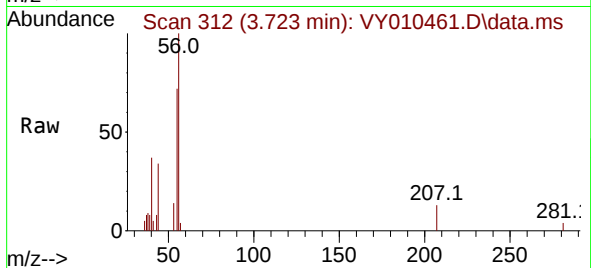
Tgt Ion: 96 Resp: 9253
 Ion Ratio Lower Upper
 96 100
 61 156.1 145.8 218.6
 98 59.6 52.5 78.7





#13
Acrolein
Concen: 18.907 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

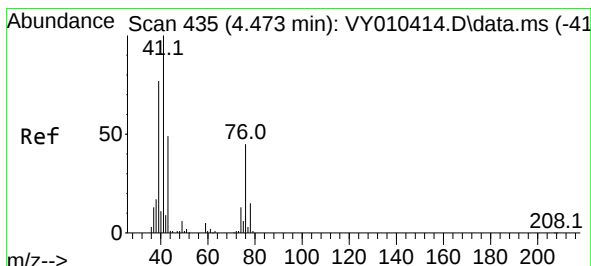
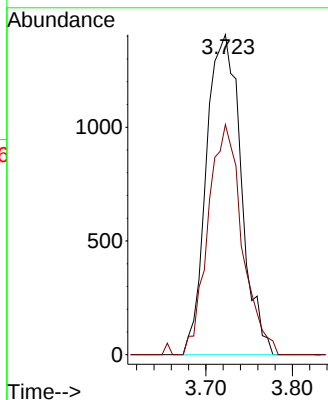
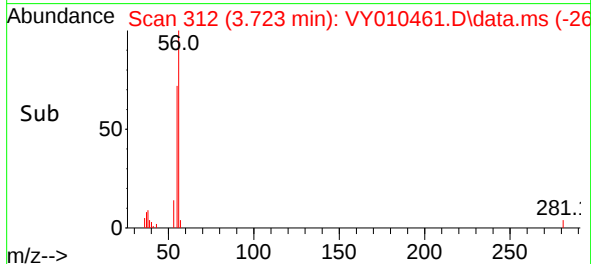
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 56 Resp: 3907
Ion Ratio Lower Upper
56 100
55 70.9 57.6 86.4

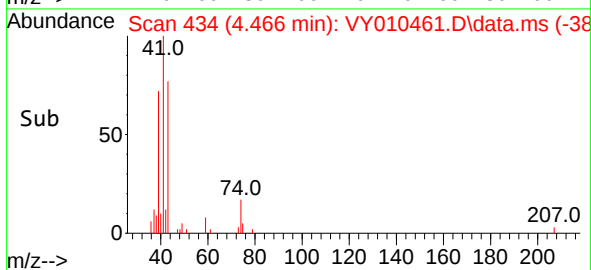
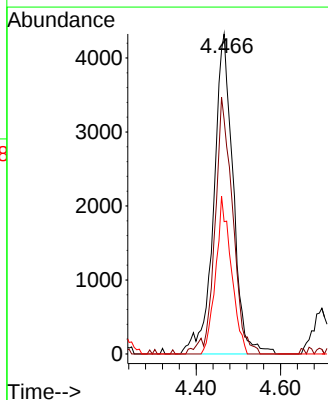
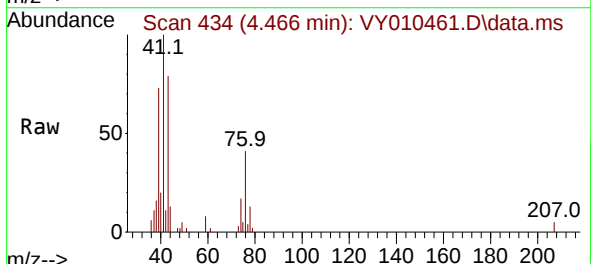
Manual Integrations
APPROVED

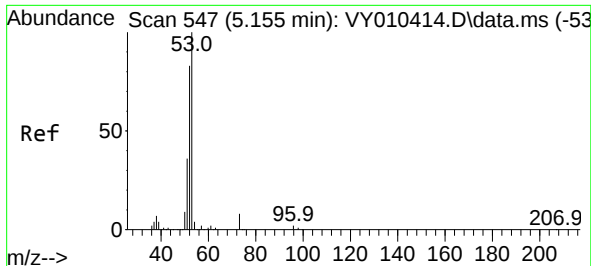
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#14
Allyl chloride
Concen: 4.597 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

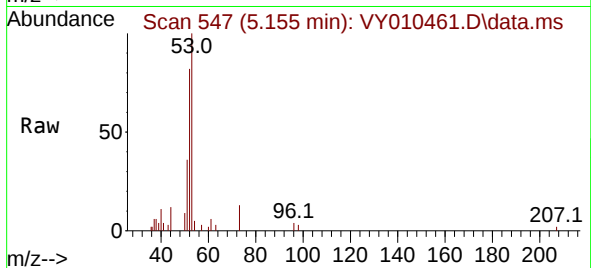
Tgt Ion: 41 Resp: 13731
Ion Ratio Lower Upper
41 100
39 73.3 58.8 88.2
76 39.7 25.1 37.7#





#15
Acrylonitrile
Concen: 23.189 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

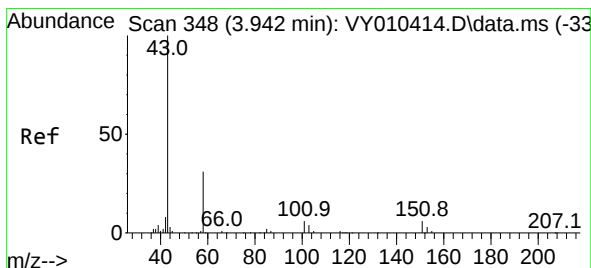
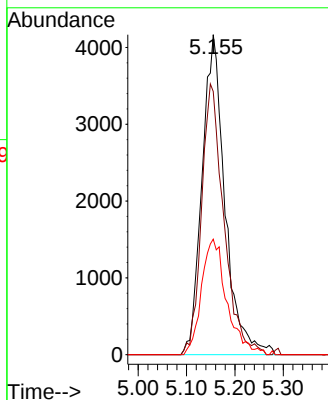
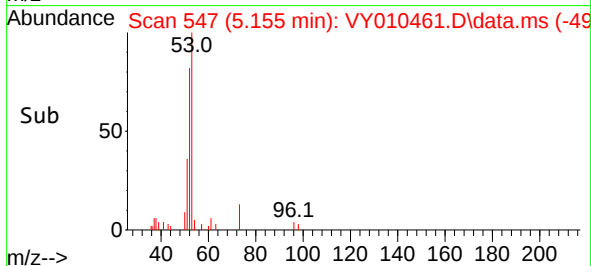
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 53 Resp: 13728
Ion Ratio Lower Upper
53 100
52 82.2 67.0 100.4
51 39.8 29.8 44.6

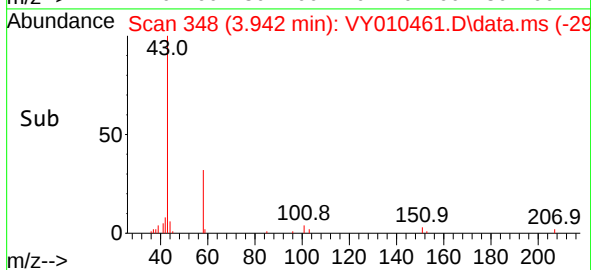
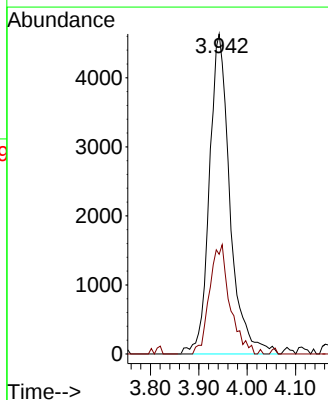
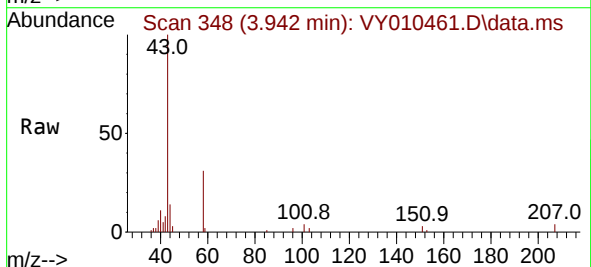
Manual Integrations
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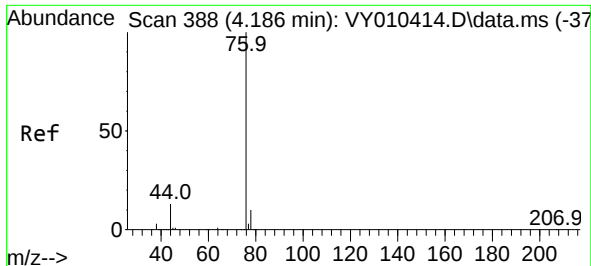
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#16
Acetone
Concen: 27.588 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

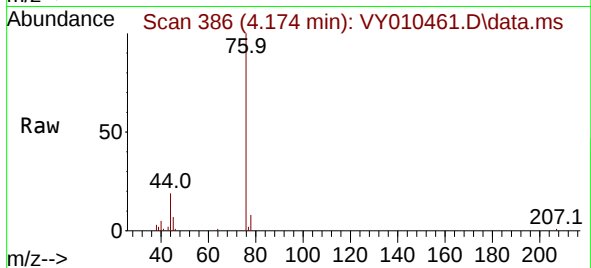
Tgt Ion: 43 Resp: 13714
Ion Ratio Lower Upper
43 100
58 31.2 22.0 33.0





#17
Carbon Disulfide
Concen: 4.148 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

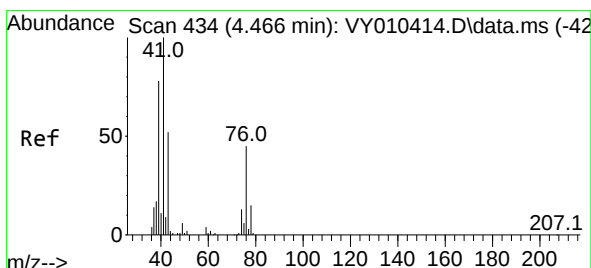
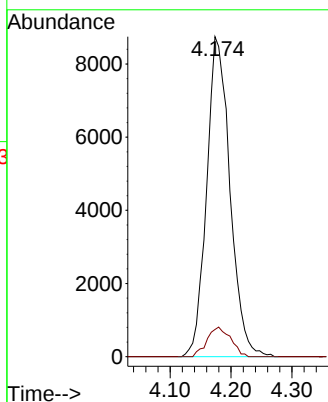
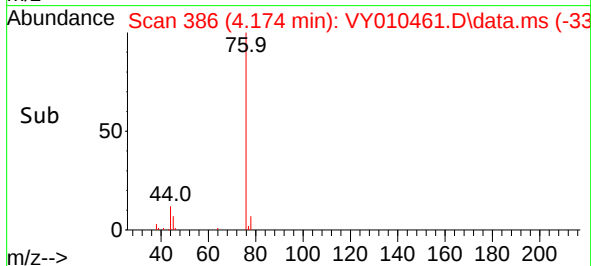
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



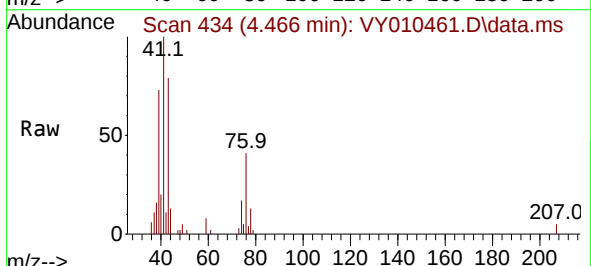
Tgt Ion: 76 Resp: 23264
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
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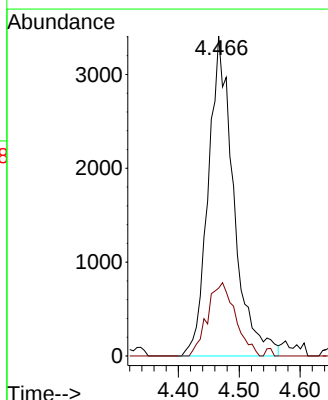
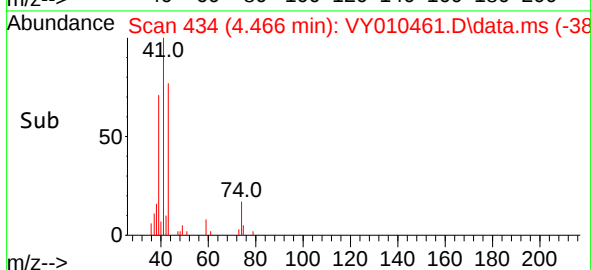
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

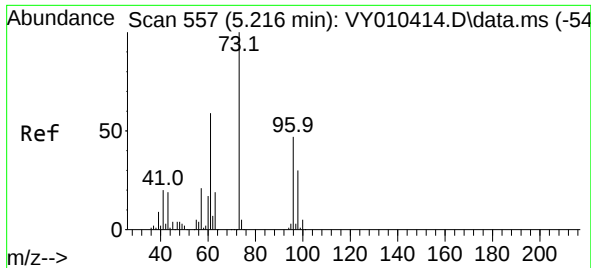


#18
Methyl Acetate
Concen: 6.459 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



Tgt Ion: 43 Resp: 9877
Ion Ratio Lower Upper
43 100
74 25.3 16.6 24.8#





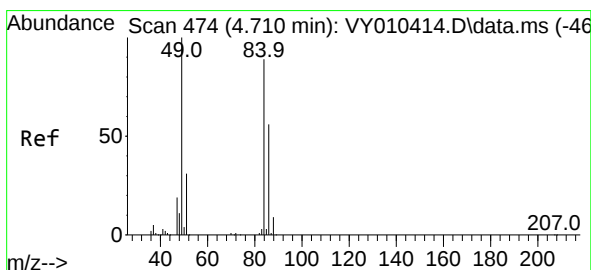
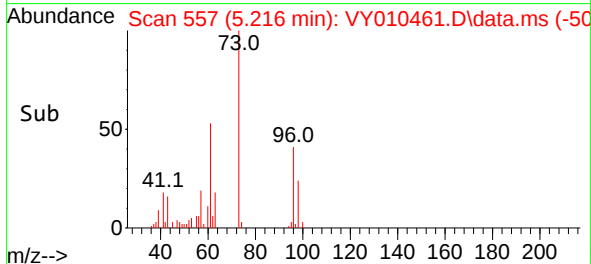
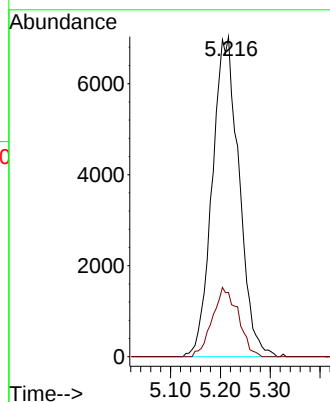
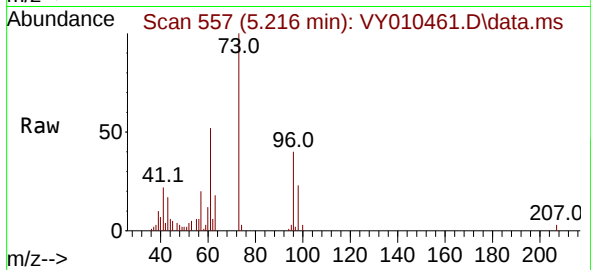
#19
Methyl tert-butyl Ether
Concen: 4.581 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

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

Tgt Ion: 73 Resp: 2624
Ion Ratio Lower Upper
73 100
57 20.0 18.6 27.8

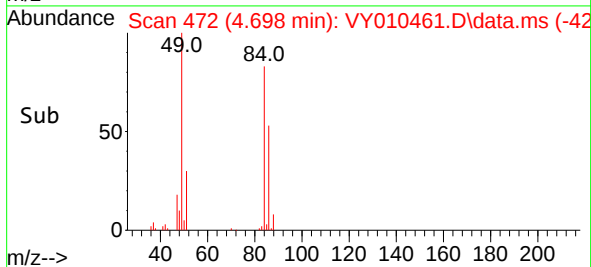
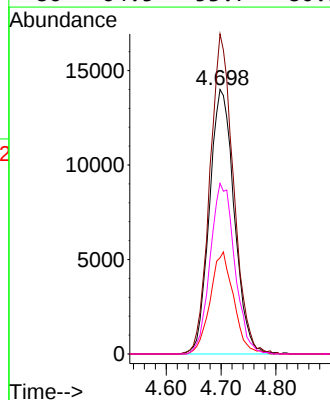
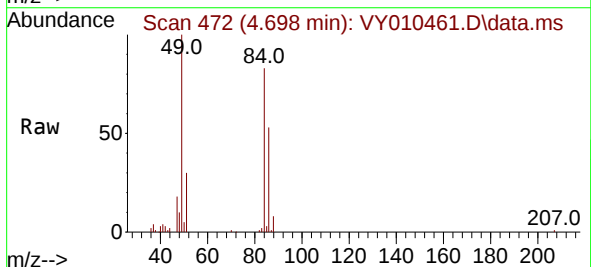
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 14.474 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

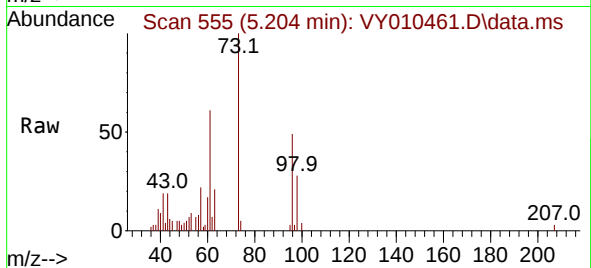
Tgt Ion: 84 Resp: 43911
Ion Ratio Lower Upper
84 100
49 121.0 114.4 171.6
51 36.3 35.3 52.9
86 64.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 4.366 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

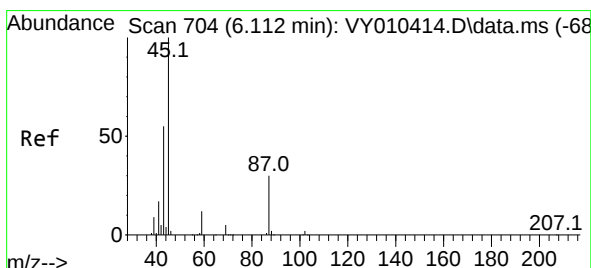
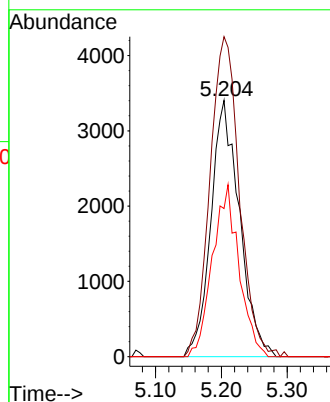
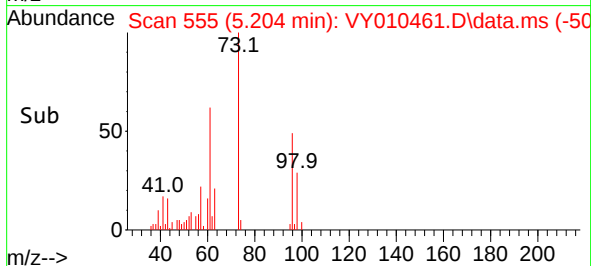
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



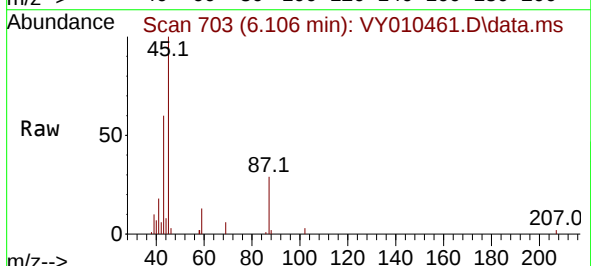
Tgt Ion: 96 Resp: 1028
Ion Ratio Lower Upper
96 100
61 124.9 120.5 180.7
98 57.8 49.8 74.8

Manual Integrations
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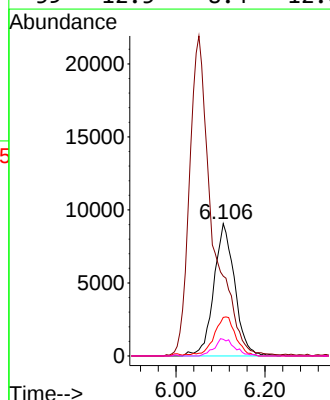
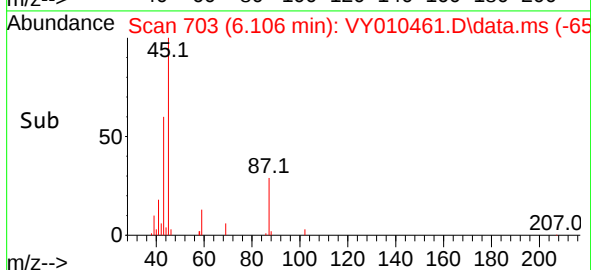
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

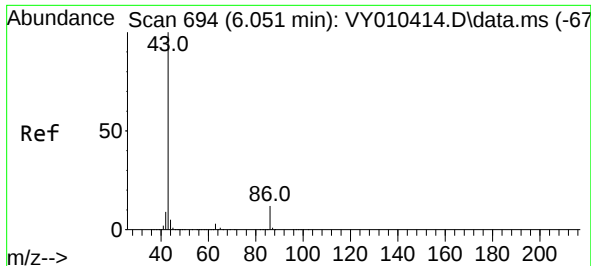


#22
Diisopropyl ether
Concen: 4.427 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



Tgt Ion: 45 Resp: 29521
Ion Ratio Lower Upper
45 100
43 59.5 49.3 73.9
87 29.1 19.2 28.8#
59 12.5 8.4 12.6





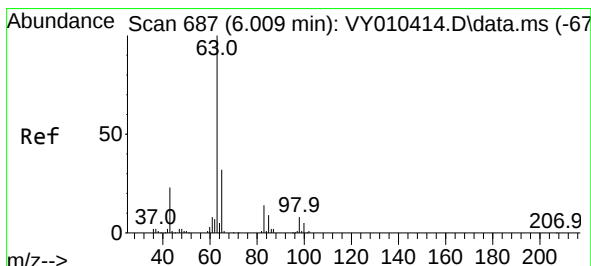
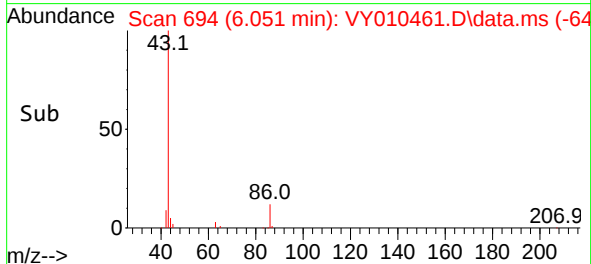
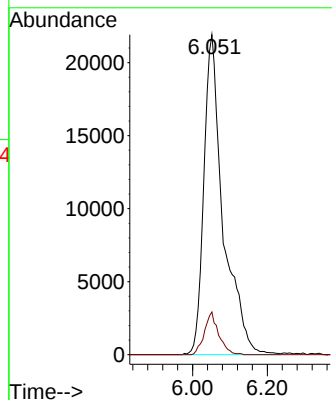
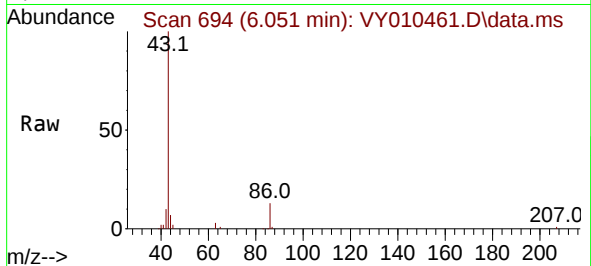
#23
 Vinyl Acetate
 Concen: 19.235 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY010461.D
 Acq: 13 Sep 2022 16:06

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

Tgt Ion: 43 Resp: 78598
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7

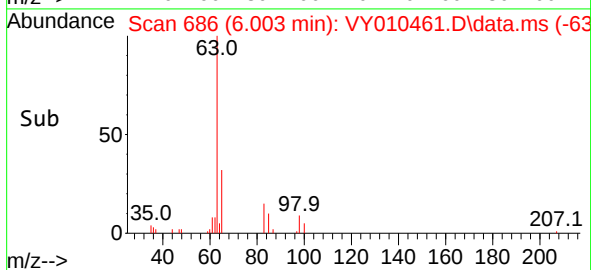
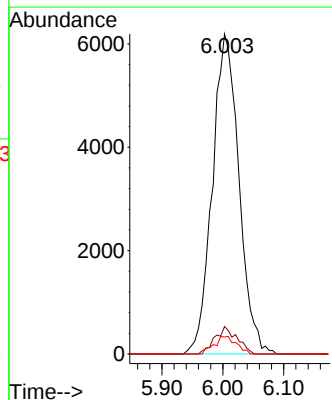
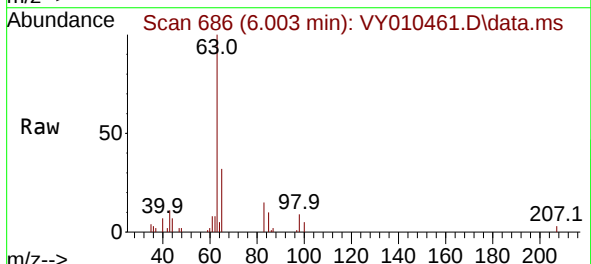
Manual Integrations
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Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#24
 1,1-Dichloroethane
 Concen: 4.646 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY010461.D
 Acq: 13 Sep 2022 16:06

Tgt Ion: 63 Resp: 18756
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 5.3 2.0 5.8





#25

2-Butanone

Concen: 30.102 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010461.D

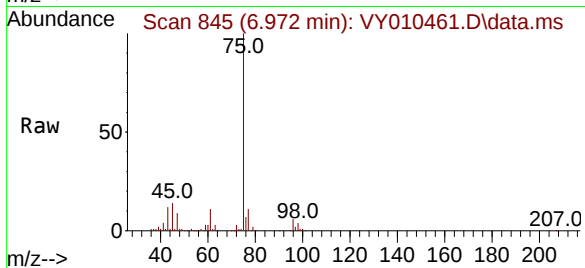
Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



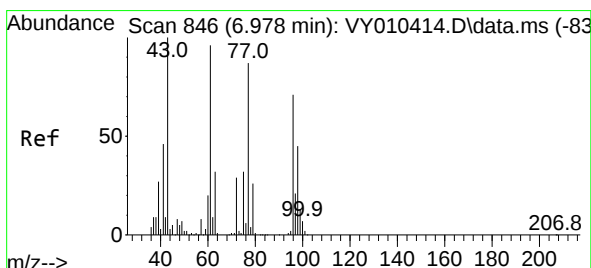
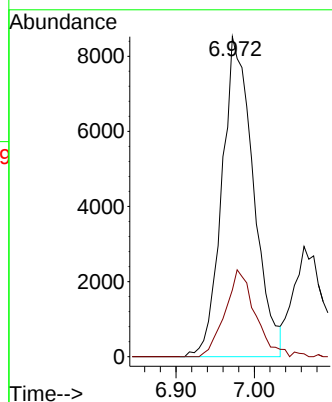
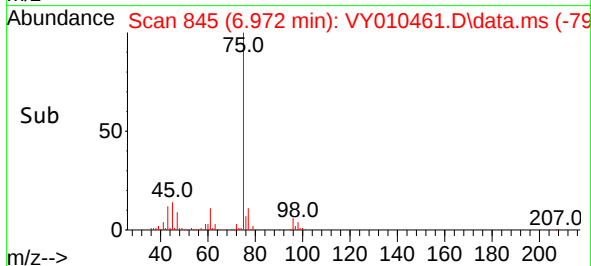
Tgt Ion: 43 Resp: 23780
 Ion Ratio Lower Upper
 43 100
 72 20.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#26

2,2-Dichloropropane

Concen: 6.115 ug/l

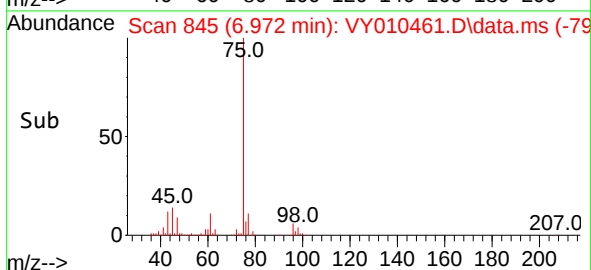
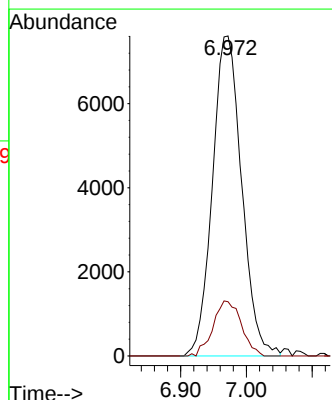
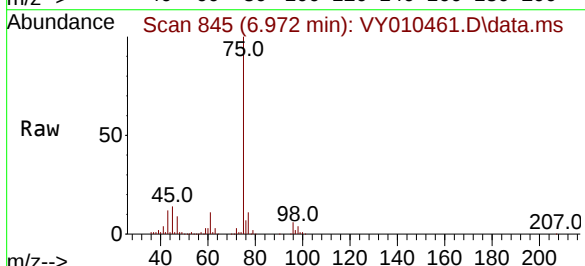
RT: 6.972 min Scan# 845

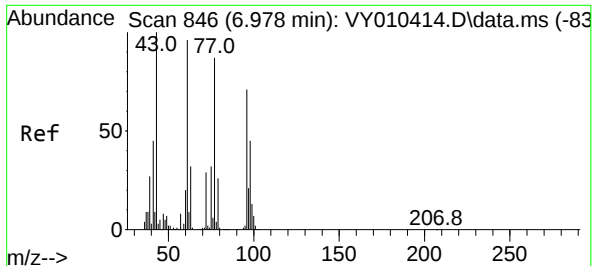
Delta R.T. -0.006 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Tgt Ion: 77 Resp: 23556
 Ion Ratio Lower Upper
 77 100
 97 16.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 4.455 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

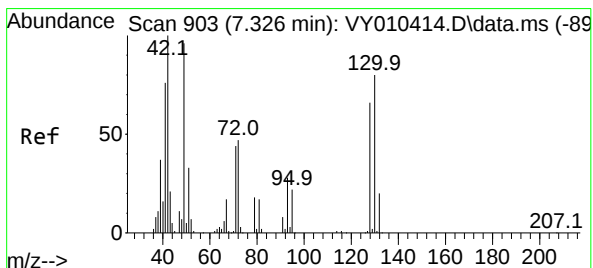
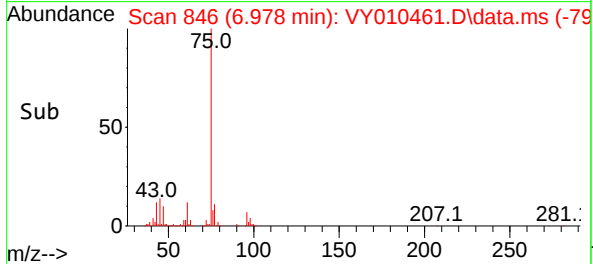
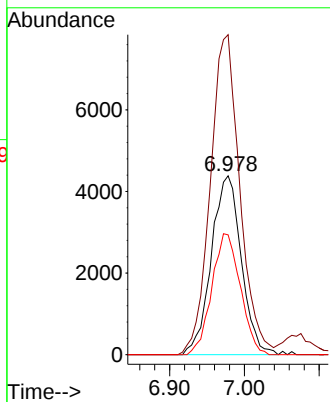
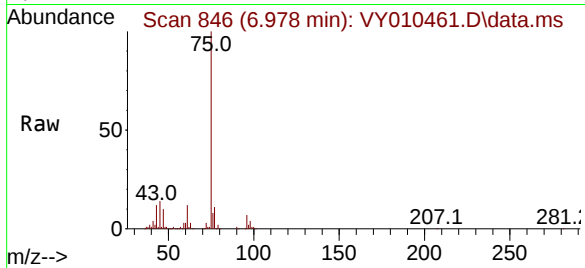
Tgt Ion:	96	Resp:	12190
Ion	Ratio	Lower	Upper
96	100		
61	176.5	0.0	319.8
98	64.5	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#28

Bromochloromethane

Concen: 5.430 ug/l

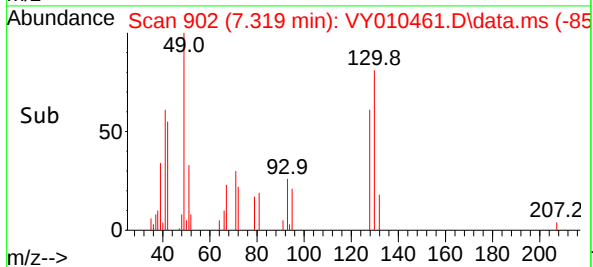
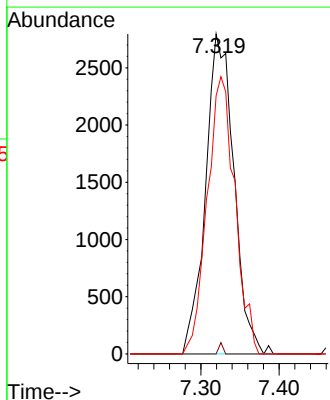
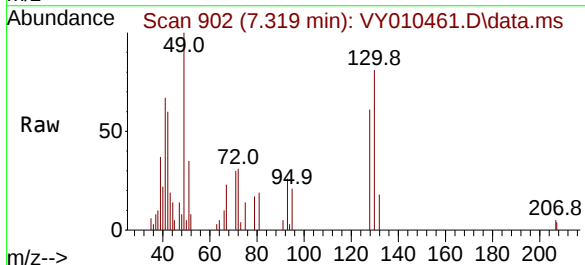
RT: 7.319 min Scan# 902

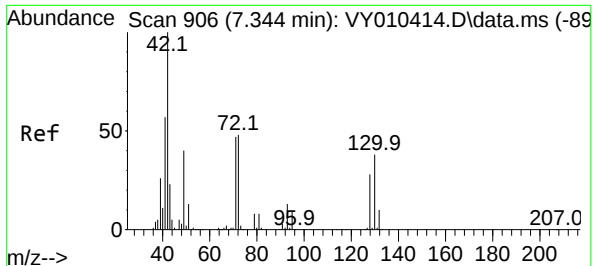
Delta R.T. -0.007 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Tgt Ion:	49	Resp:	7028
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	2.2
130	84.7	55.4	83.0#





#29

Tetrahydrofuran

Concen: 24.464 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

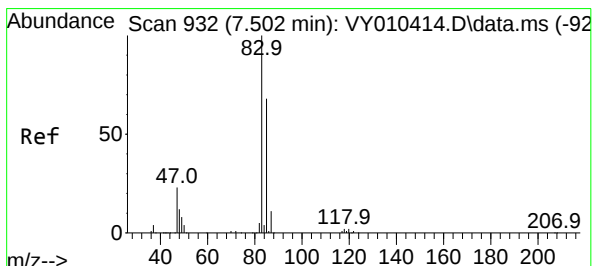
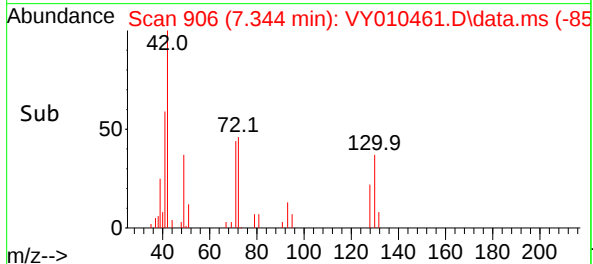
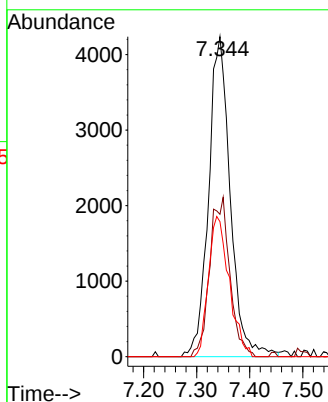
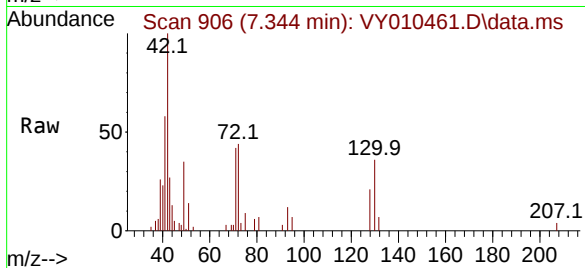
Tgt Ion: 42	Resp: 12062
Ion Ratio	Lower Upper
42	100
72	46.4 30.3 45.5
71	41.8 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 4.627 ug/l

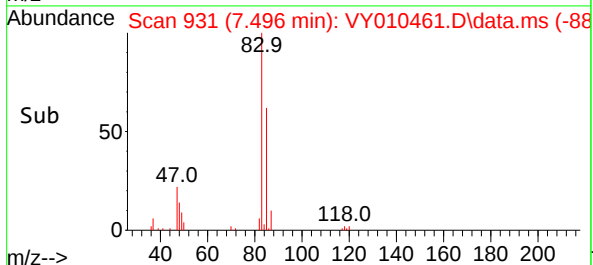
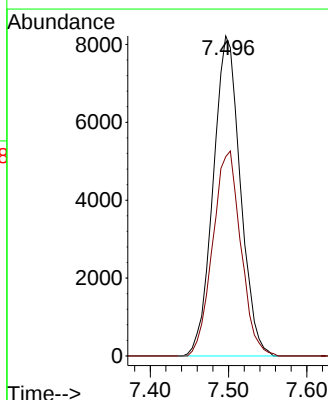
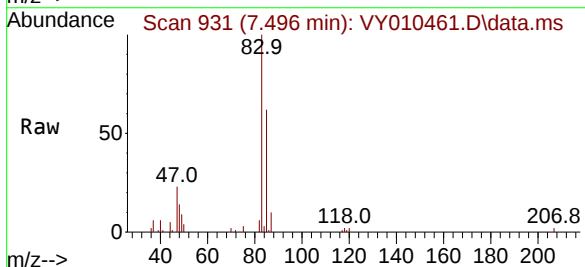
RT: 7.496 min Scan# 931

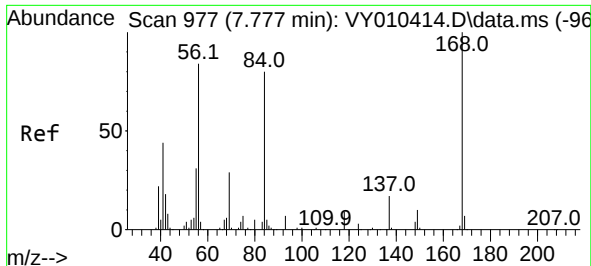
Delta R.T. -0.006 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

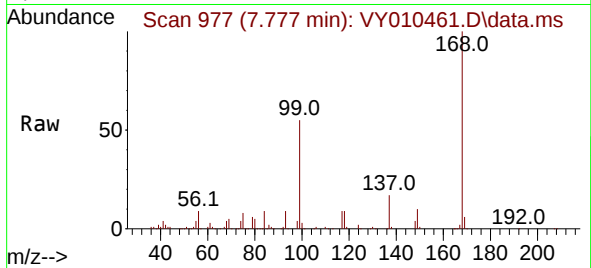
Tgt Ion: 83	Resp: 19813
Ion Ratio	Lower Upper
83	100
85	62.2 51.8 77.6





#31
Cyclohexane
Concen: 5.314 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

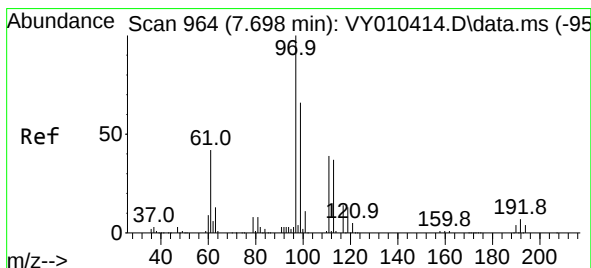
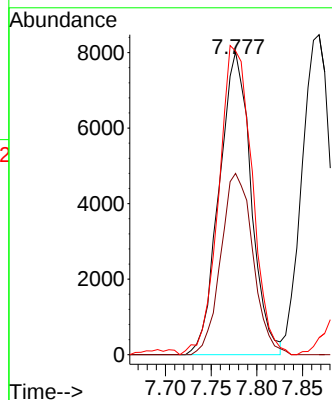
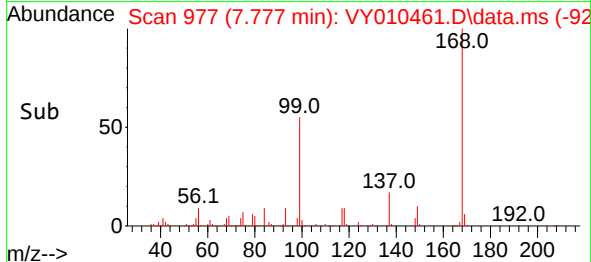
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



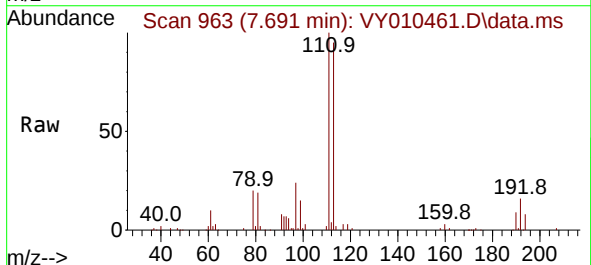
Tgt Ion: 56 Resp: 19440
Ion Ratio Lower Upper
56 100
69 59.9 26.7 40.1
84 100.3 67.2 100.8

Manual Integrations
APPROVED

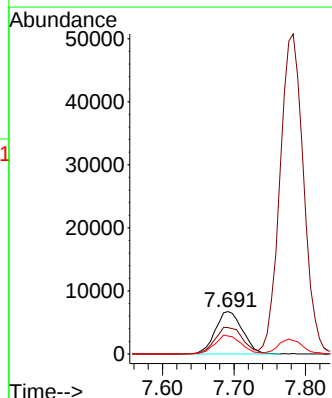
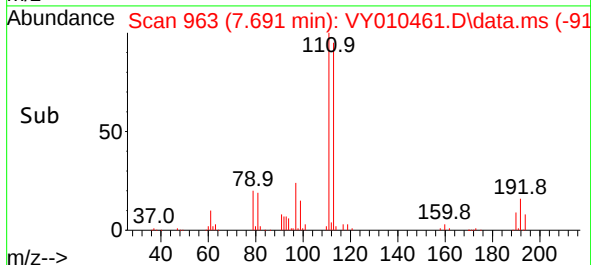
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

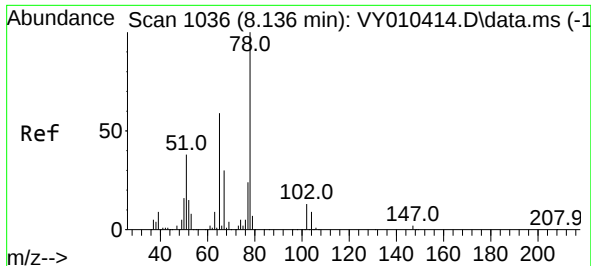


#32
1,1,1-Trichloroethane
Concen: 4.578 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.007 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



Tgt Ion: 97 Resp: 17749
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 42.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 58.632 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 65 Resp: 127000

Ion Ratio Lower Upper

65 100

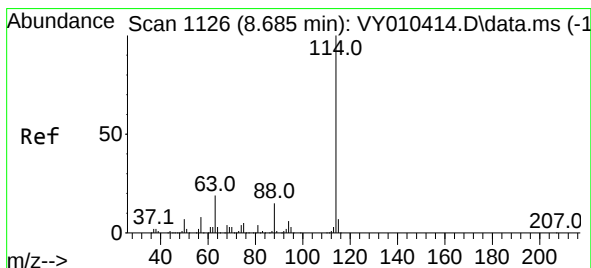
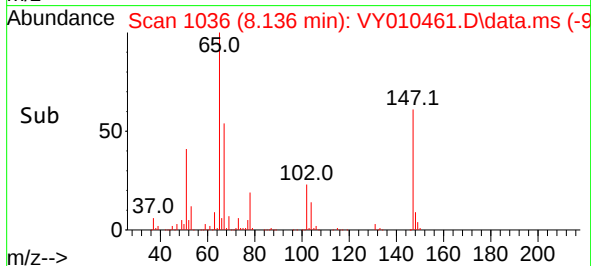
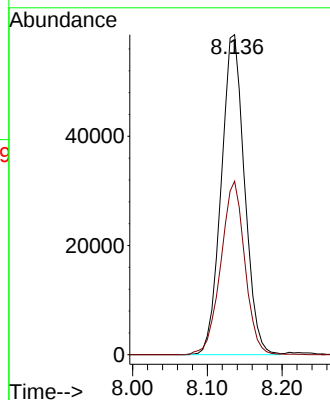
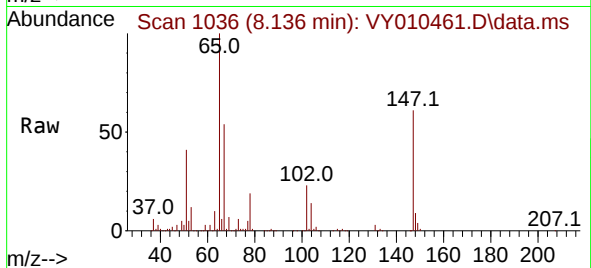
67 55.8 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

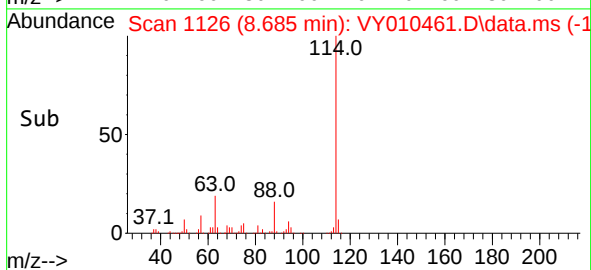
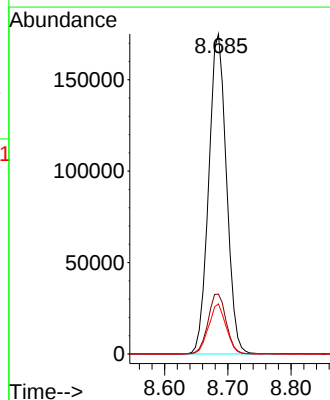
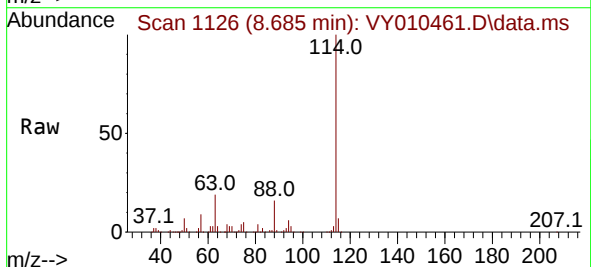
Tgt Ion:114 Resp: 341324

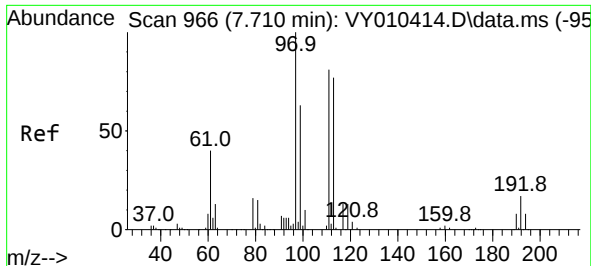
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

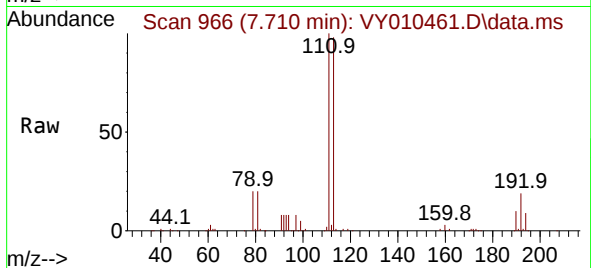
88 15.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 50.821 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

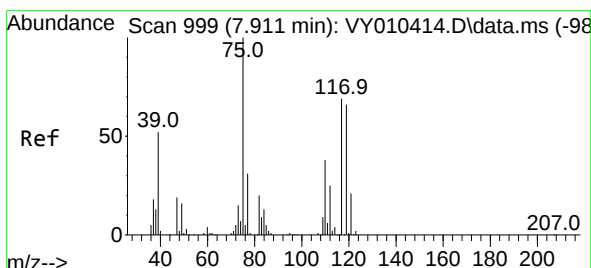
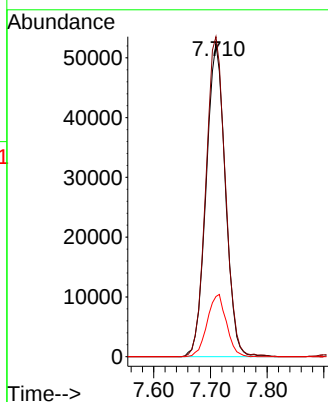
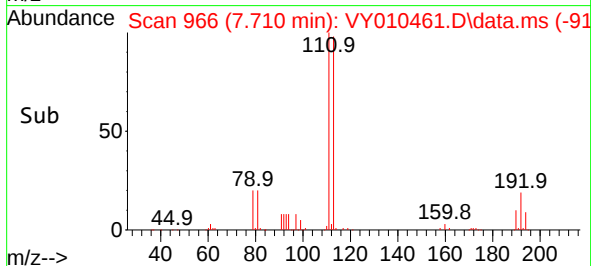
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 113 Resp: 12319
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.9 17.6 26.4

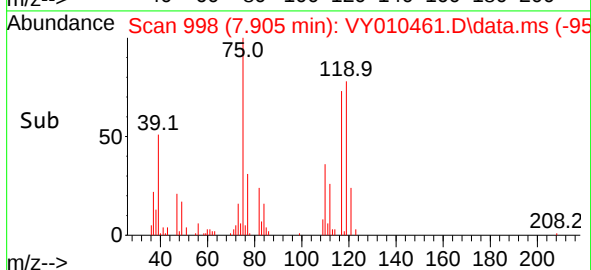
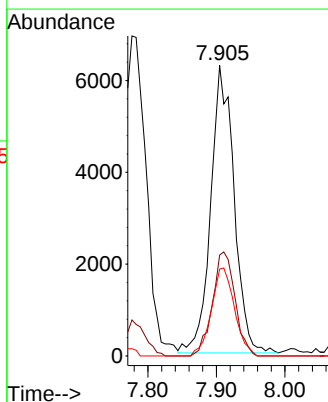
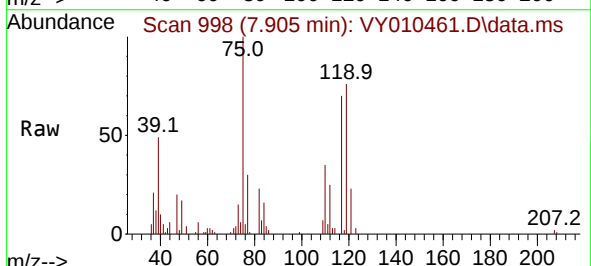
Manual Integrations
APPROVED

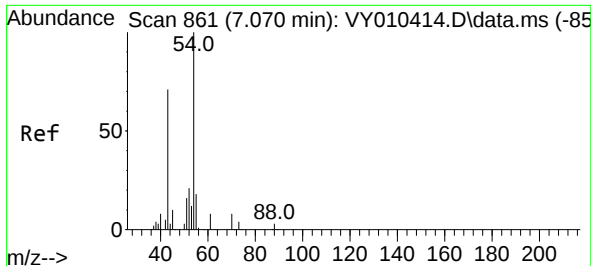
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion: 75 Resp: 14814
Ion Ratio Lower Upper
75 100
110 34.7 17.1 51.2
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 4.634 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.007 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

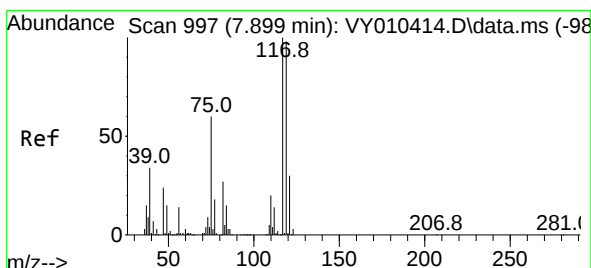
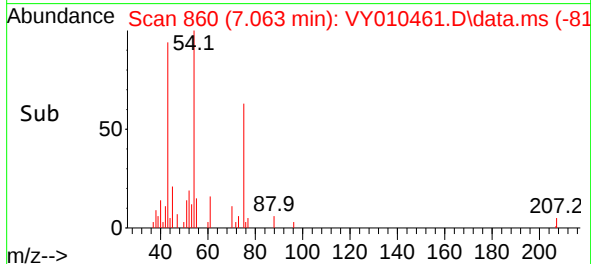
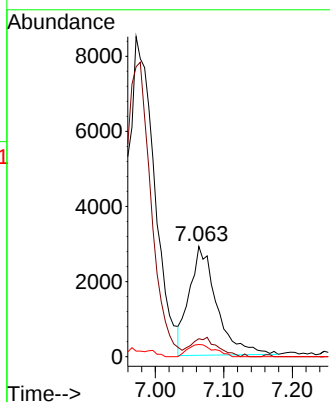
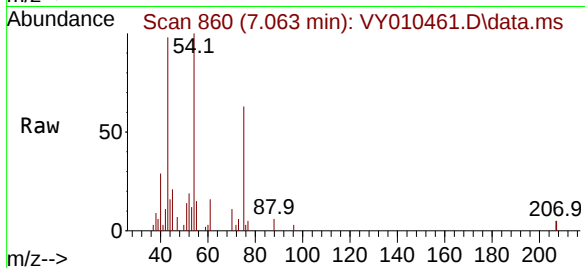
Tgt Ion:	43	Resp:	8084
Ion	Ratio	Lower	Upper
43	100		
61	16.6	9.7	14.5
70	10.8	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#38

Carbon Tetrachloride

Concen: 4.295 ug/l

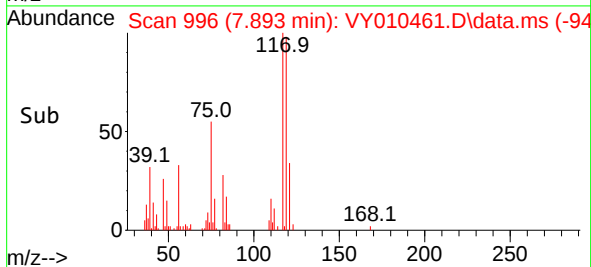
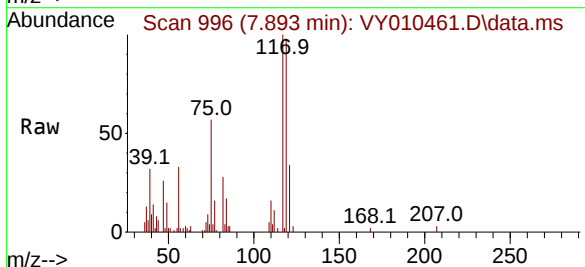
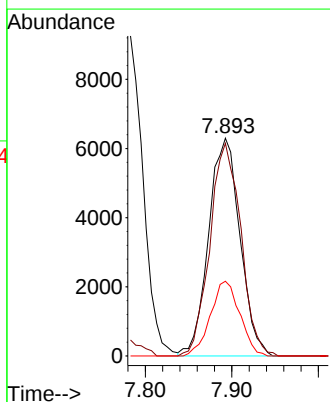
RT: 7.893 min Scan# 996

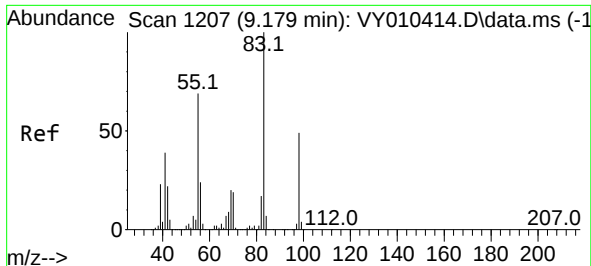
Delta R.T. -0.006 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Tgt Ion:	117	Resp:	15859
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.9	116.9
121	34.3	24.8	37.2





#39

Methylcyclohexane

Concen: 4.175 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010461.D

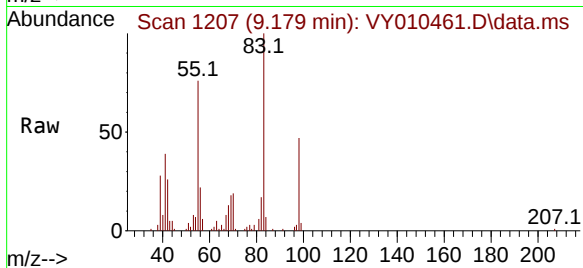
Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



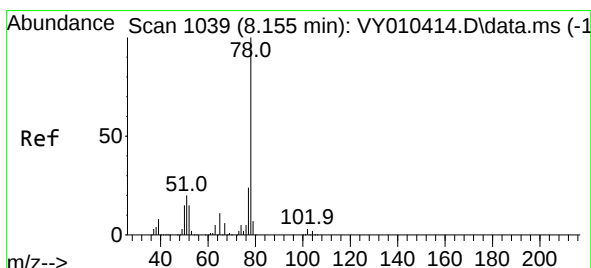
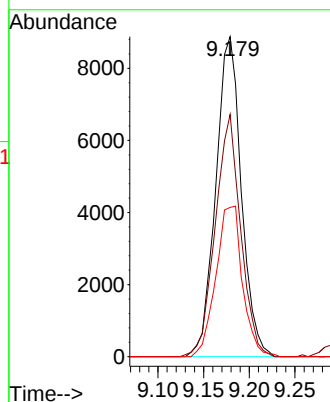
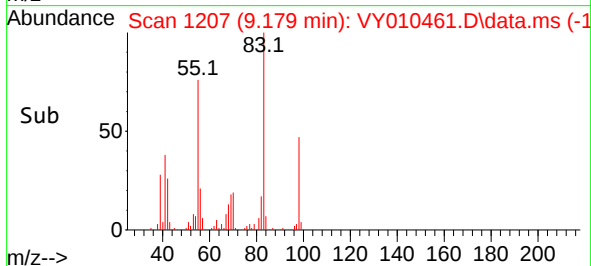
Tgt Ion:	83	Resp:	17274
Ion	Ratio	Lower	Upper
83	100		
55	75.7	66.5	99.7
98	46.6	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 4.517 ug/l

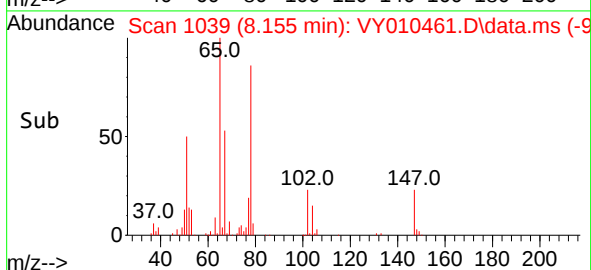
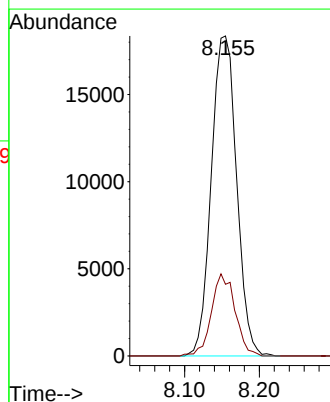
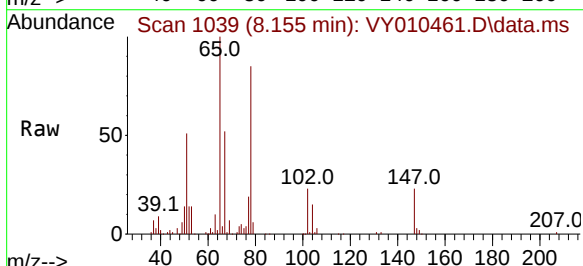
RT: 8.155 min Scan# 1039

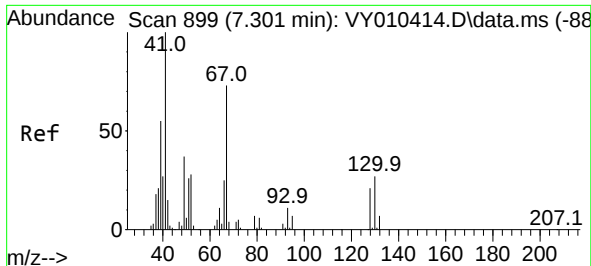
Delta R.T. -0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

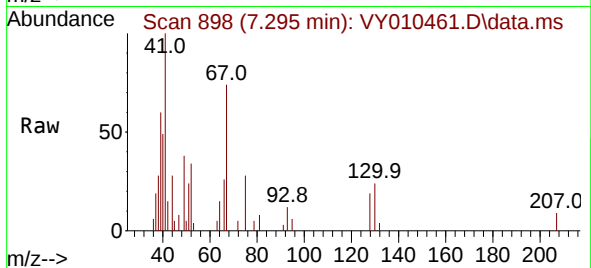
Tgt Ion:	78	Resp:	43156
Ion	Ratio	Lower	Upper
78	100		
77	22.4	20.4	30.6





#41
Methacrylonitrile
Concen: 3.315 ug/l m
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

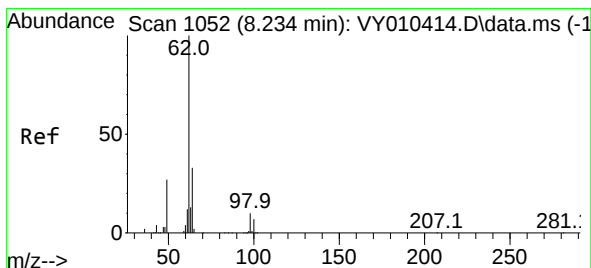
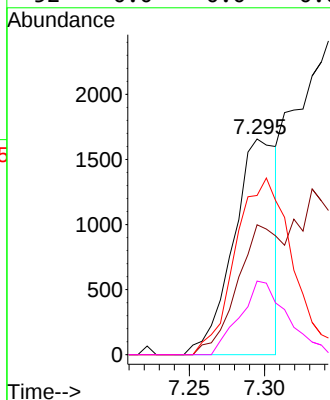
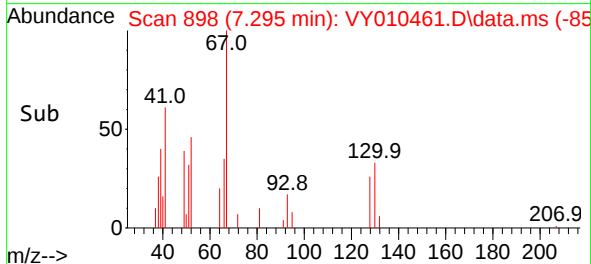
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



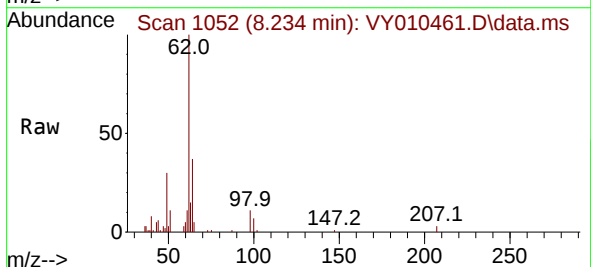
Tgt Ion:	41	Resp:	3300
Ion Ratio	100	Lower	Upper
39	101.1	92.9	139.3
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
APPROVED

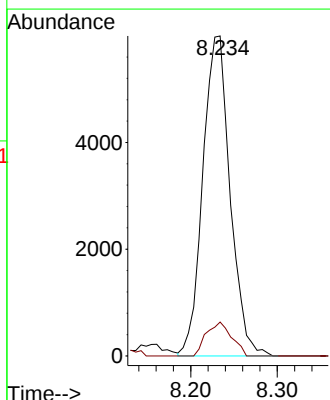
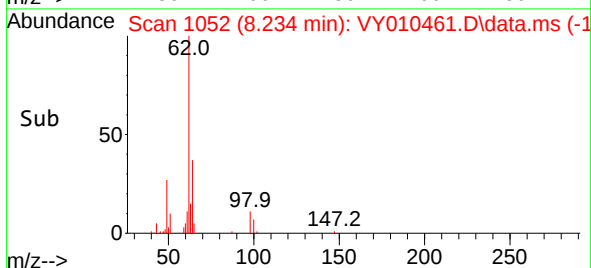
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

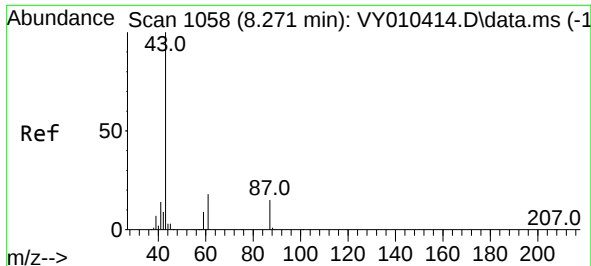


#42
1,2-Dichloroethane
Concen: 4.621 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



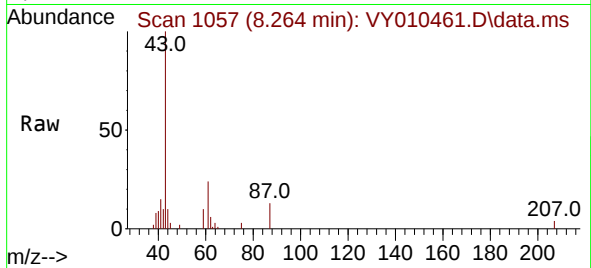
Tgt Ion:	62	Resp:	13128
Ion Ratio	100	Lower	Upper
98	9.8	0.0	14.8





#43
Isopropyl Acetate
Concen: 4.429 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

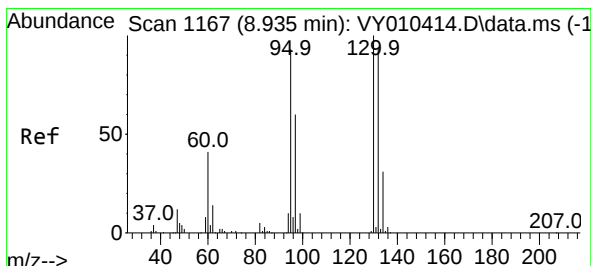
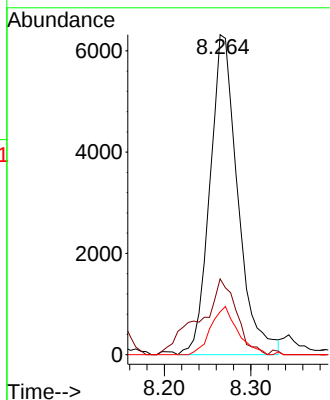
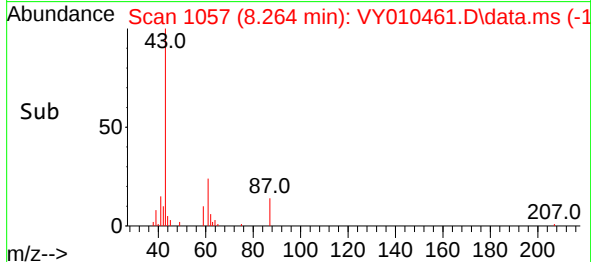
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
61 31.1 20.2 30.2
87 14.4 8.9 13.3

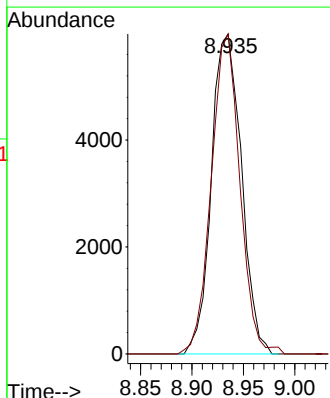
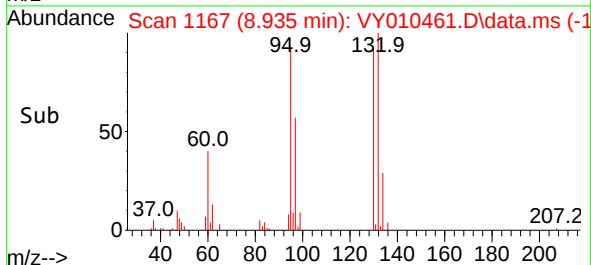
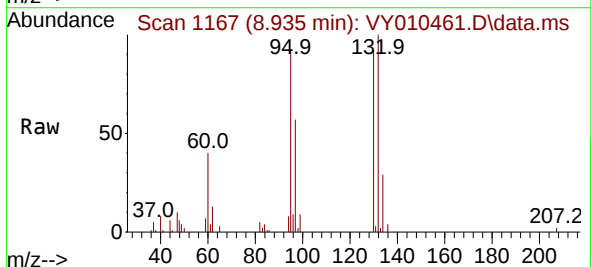
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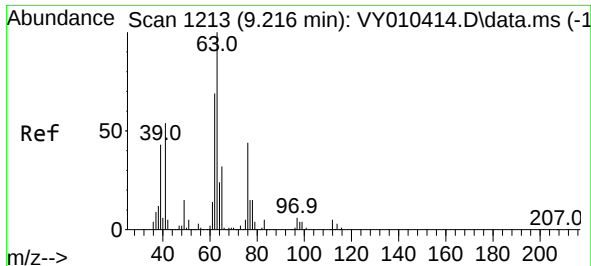
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#44
Trichloroethene
Concen: 4.322 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion:130 Resp: 12153
Ion Ratio Lower Upper
130 100
95 99.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.435 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 63 Resp: 1033

Ion Ratio Lower Upper

63 100

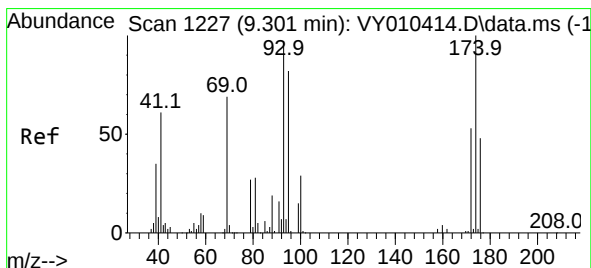
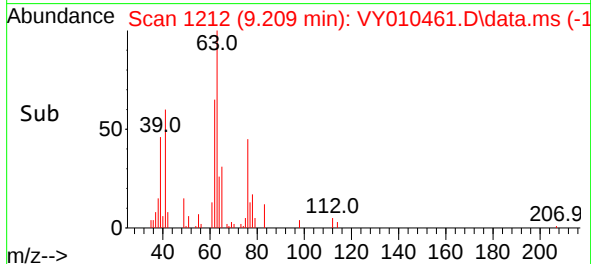
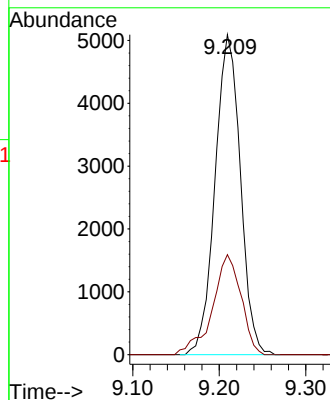
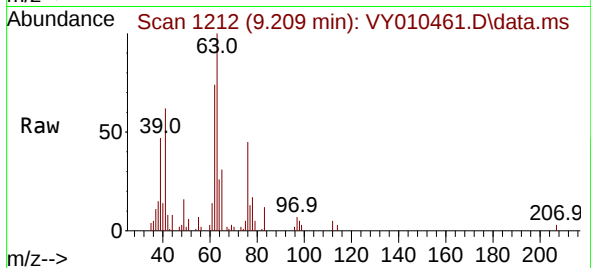
65 31.2 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 4.508 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

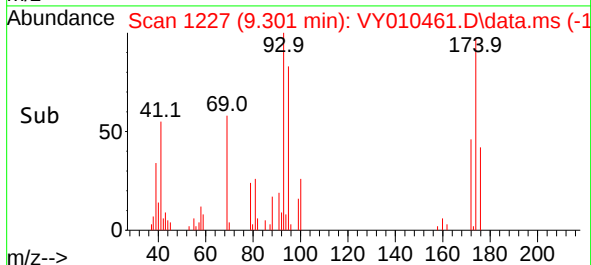
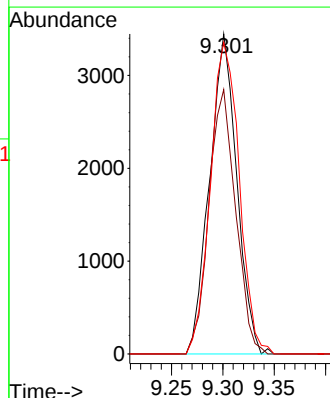
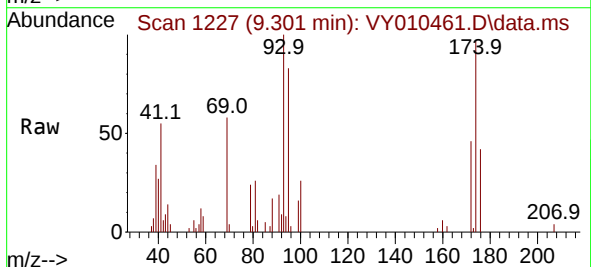
Tgt Ion: 93 Resp: 6334

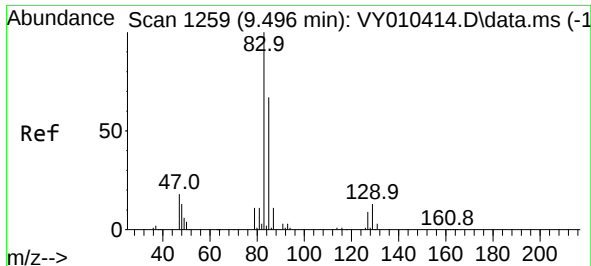
Ion Ratio Lower Upper

93 100

95 81.5 64.3 96.5

174 103.3 83.4 125.0





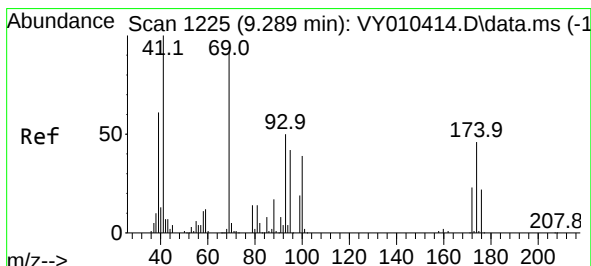
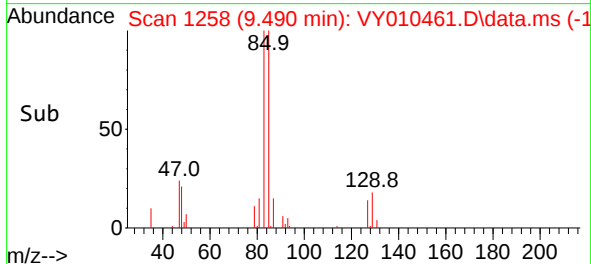
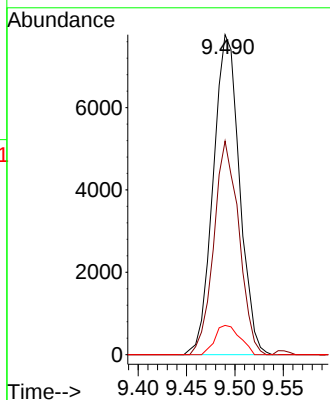
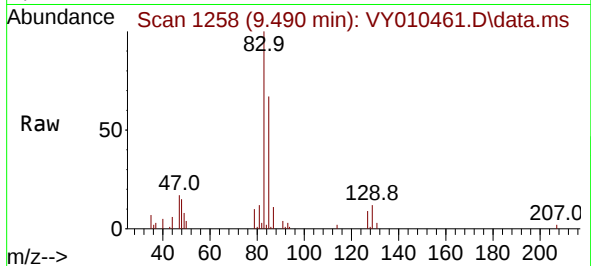
#47
Bromodichloromethane
Concen: 4.401 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

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

Tgt Ion: 83 Resp: 1468
Ion Ratio Lower Upper
83 100
85 66.8 51.9 77.9
127 9.2 6.6 10.0

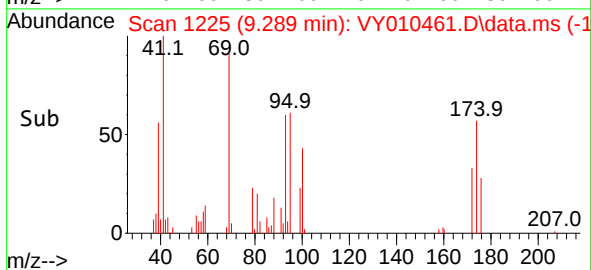
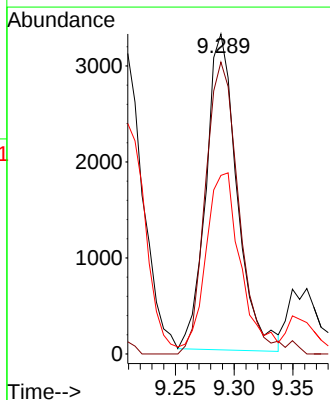
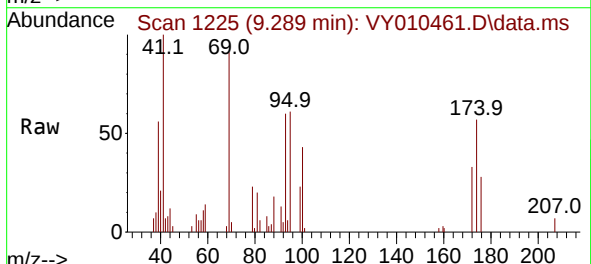
Manual Integrations
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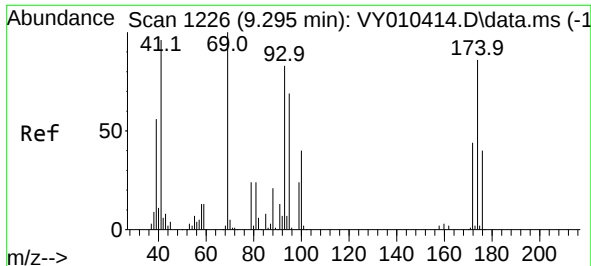
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#48
Methyl methacrylate
Concen: 4.233 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion: 41 Resp: 6070
Ion Ratio Lower Upper
41 100
69 99.7 58.2 87.2#
39 60.0 47.4 71.0





#49

1,4-Dioxane

Concen: 85.756 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010461.D

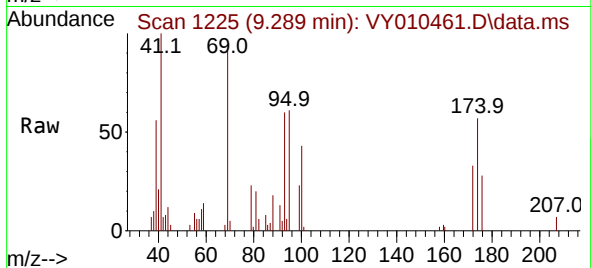
Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



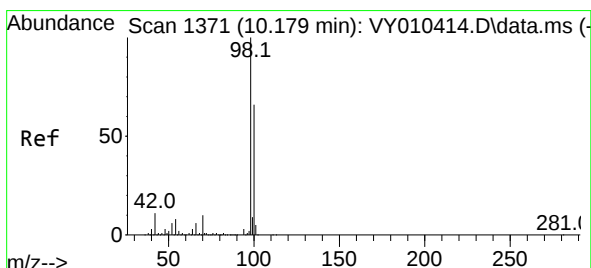
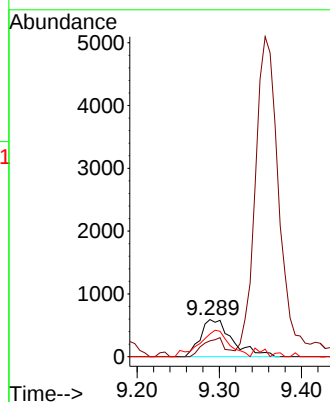
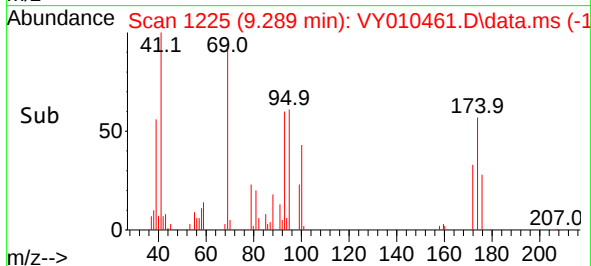
Tgt Ion:	88	Resp:	159
Ion Ratio	Lower	Upper	
88	100		
43	35.9	32.8	49.2
58	65.3	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#50

Toluene-d8

Concen: 57.353 ug/l

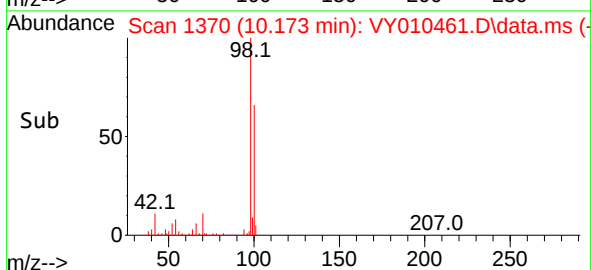
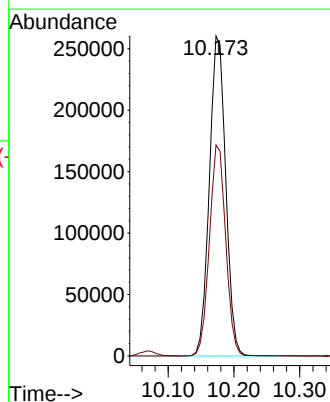
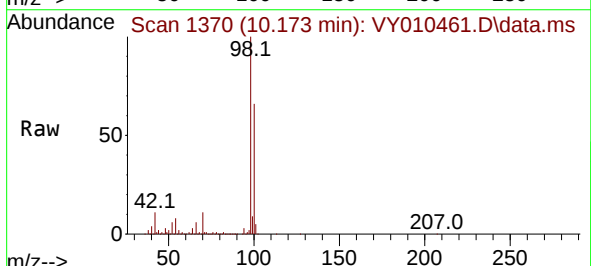
RT: 10.173 min Scan# 1370

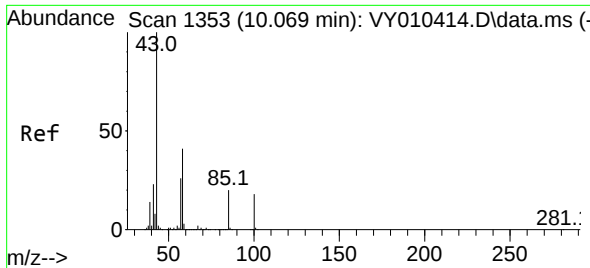
Delta R.T. -0.006 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

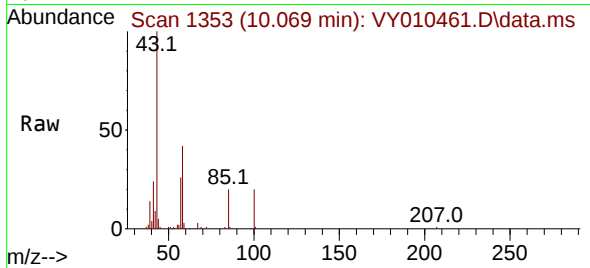
Tgt Ion:	98	Resp:	450589
Ion Ratio	Lower	Upper	
98	100		
100	65.8	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 21.571 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

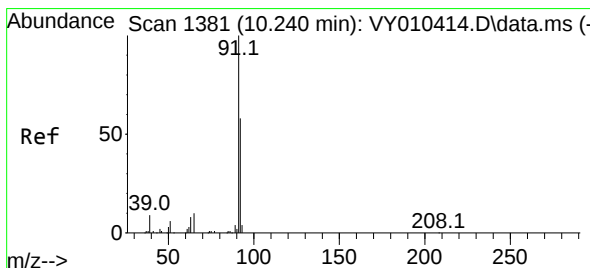
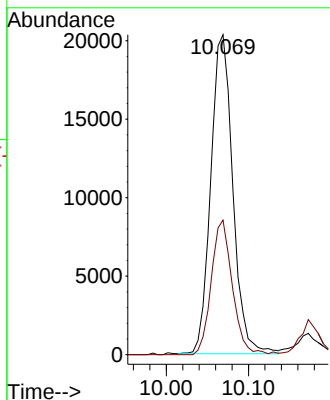
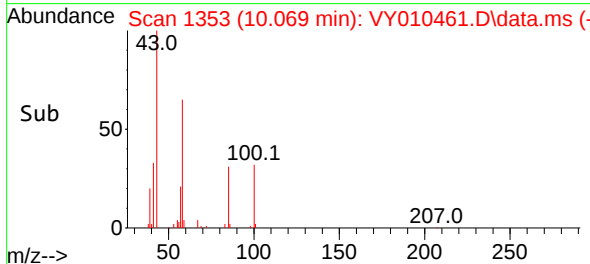
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 43 Resp: 37770
Ion Ratio Lower Upper
43 100
58 40.2 28.1 42.1

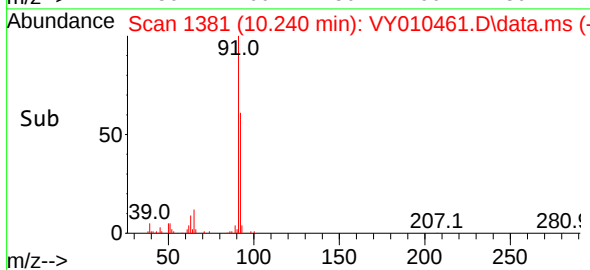
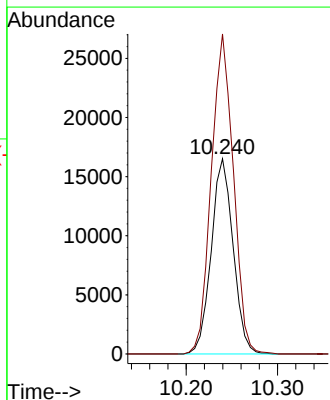
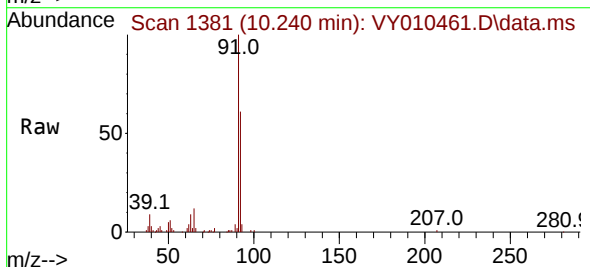
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#52
Toluene
Concen: 4.400 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion: 92 Resp: 27504
Ion Ratio Lower Upper
92 100
91 165.3 142.6 213.8





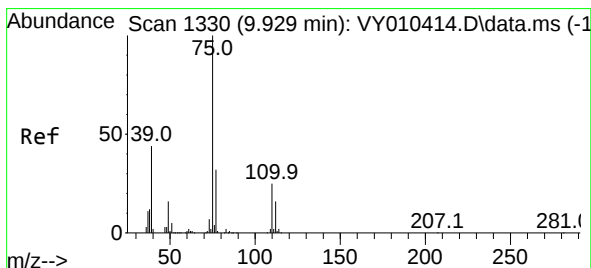
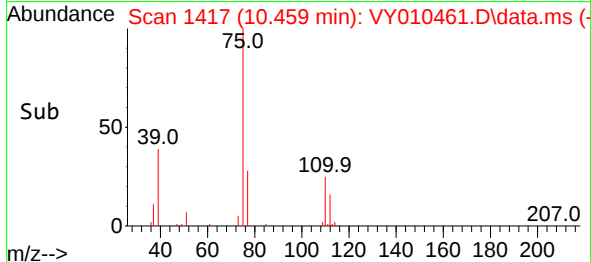
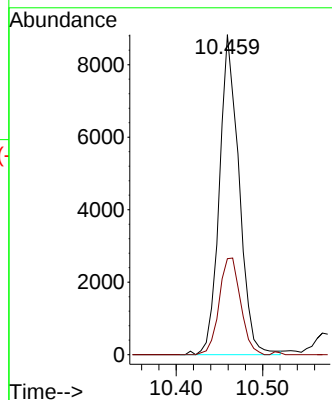
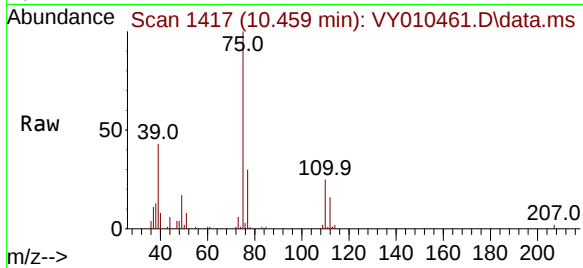
#53
t-1,3-Dichloropropene
Concen: 4.054 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

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

Tgt Ion: 75 Resp: 13924
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.2

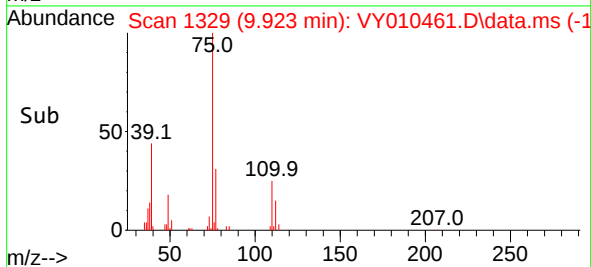
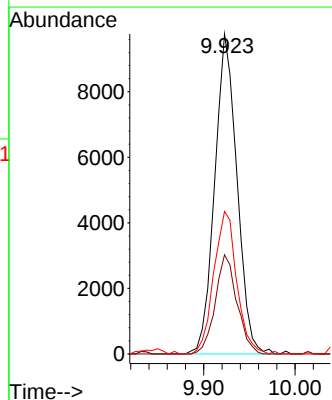
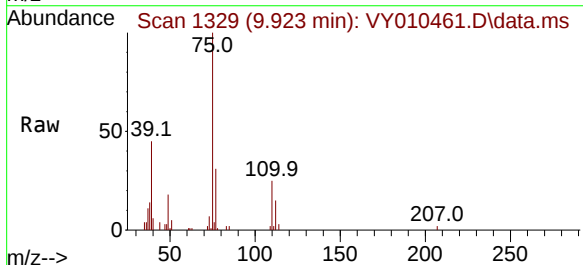
Manual Integrations
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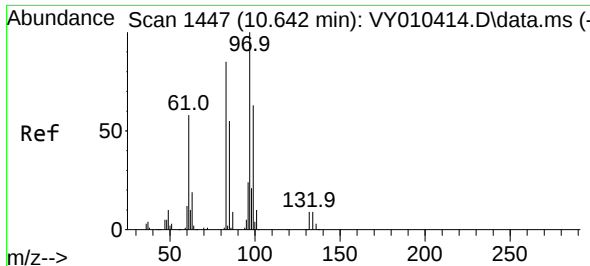
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#54
cis-1,3-Dichloropropene
Concen: 4.274 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

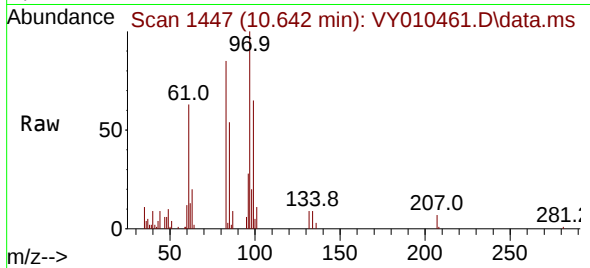
Tgt Ion: 75 Resp: 16556
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 44.5 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 4.645 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

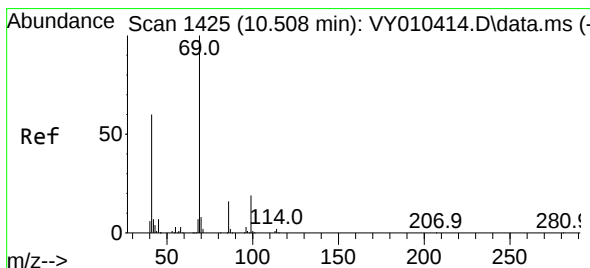
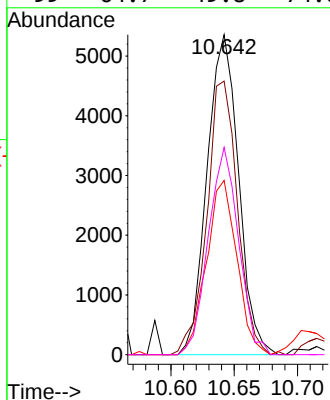
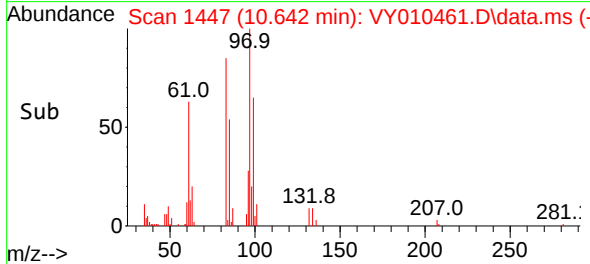
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.8	104.8
85	54.5	44.3	66.5
99	64.7	49.8	74.6

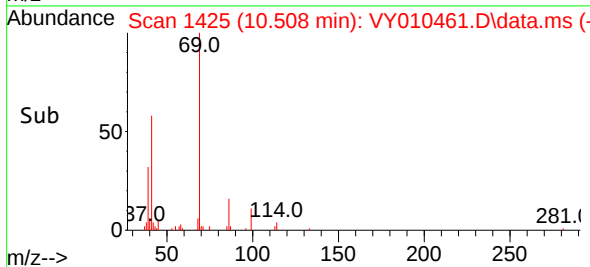
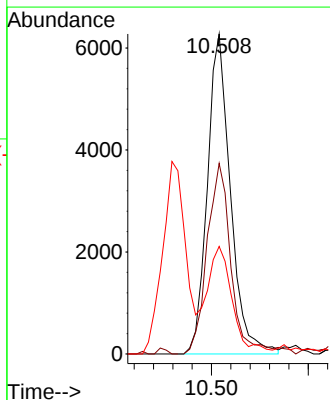
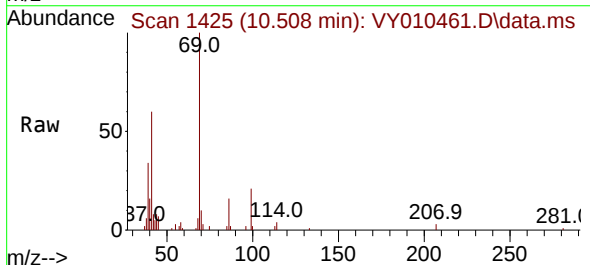
Manual Integrations
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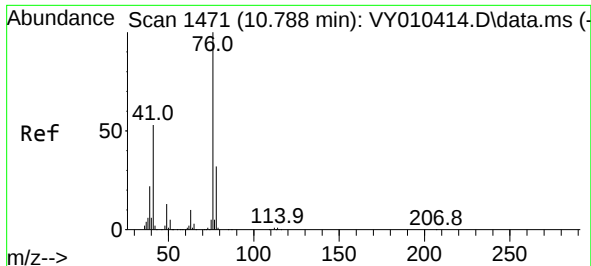
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#56
Ethyl methacrylate
Concen: 3.964 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.1	63.4	95.0#
39	37.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 4.553 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 76 Resp: 1513

Ion Ratio Lower Upper

76 100

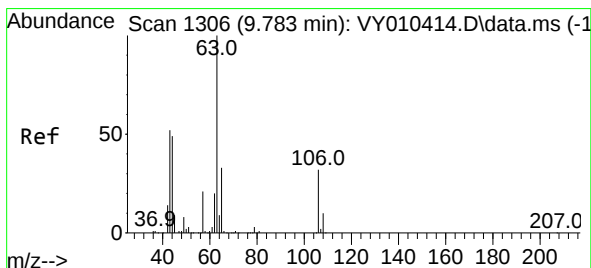
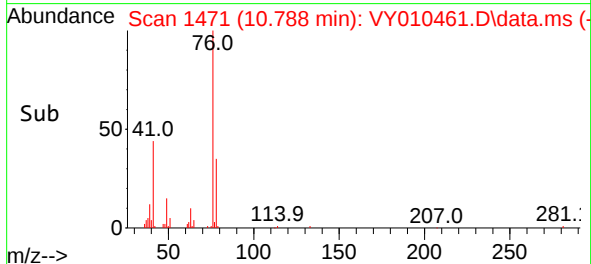
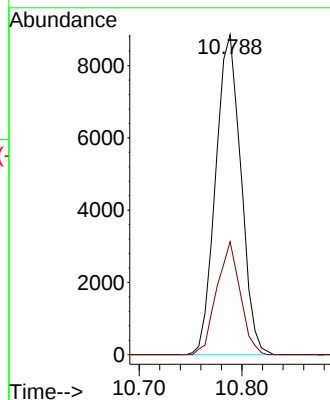
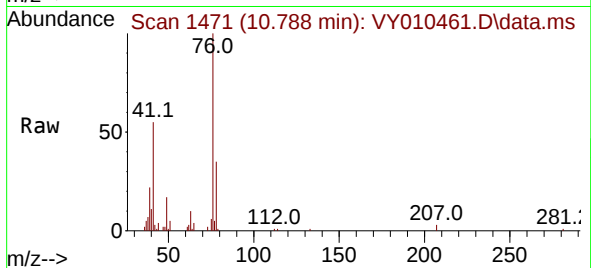
78 32.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 31.818 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY010461.D

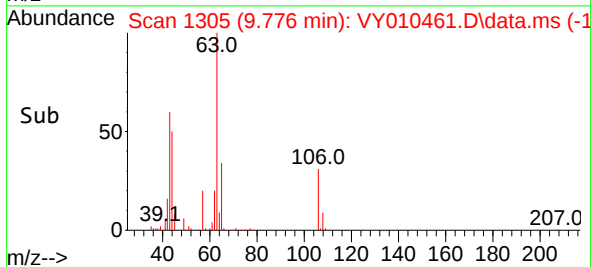
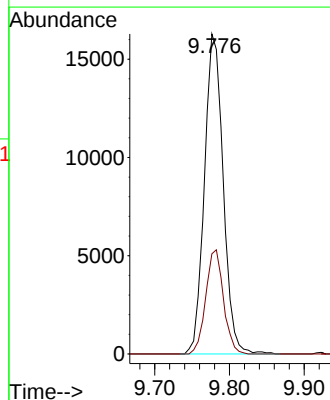
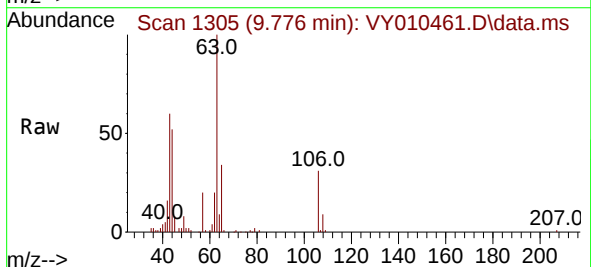
Acq: 13 Sep 2022 16:06

Tgt Ion: 63 Resp: 28411

Ion Ratio Lower Upper

63 100

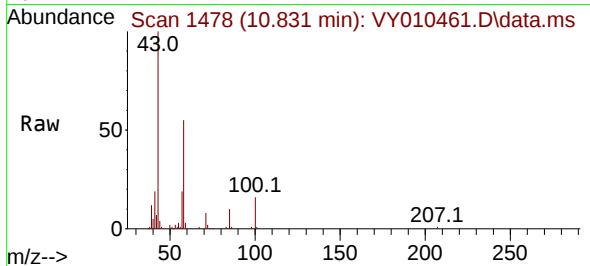
106 30.7 21.5 32.3





#59
2-Hexanone
Concen: 20.348 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

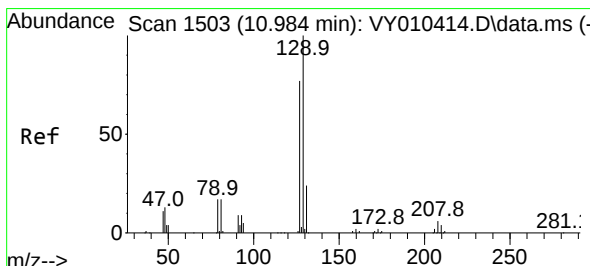
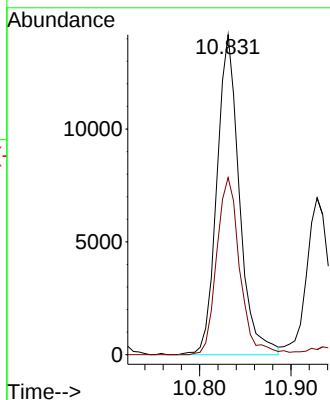
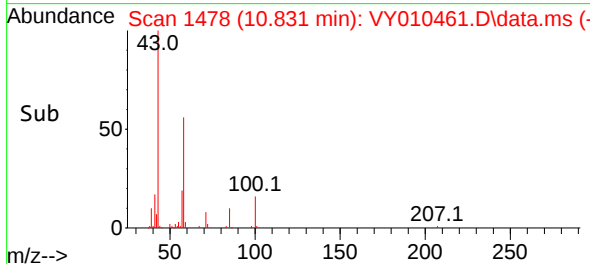
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



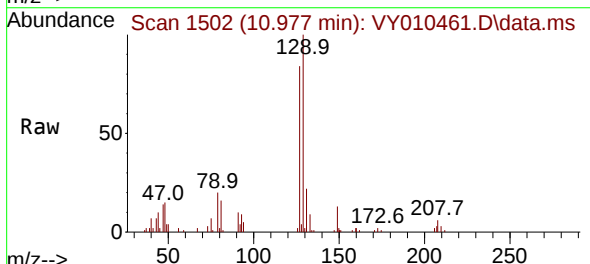
Tgt Ion: 43 Resp: 24290
Ion Ratio Lower Upper
43 100
58 56.9 24.4 73.4

Manual Integrations
APPROVED

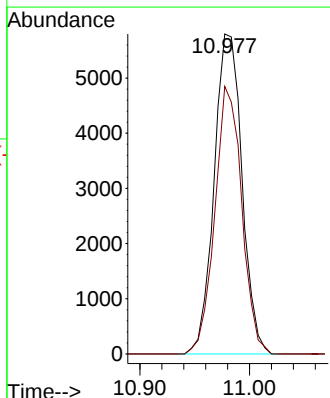
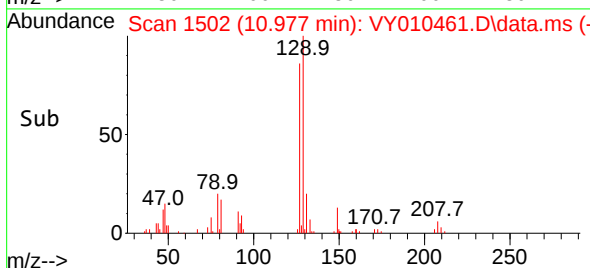
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

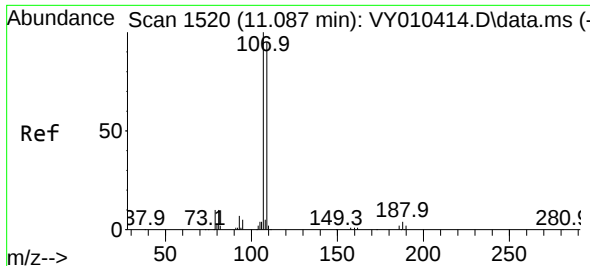


#60
Dibromochloromethane
Concen: 4.193 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.007 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



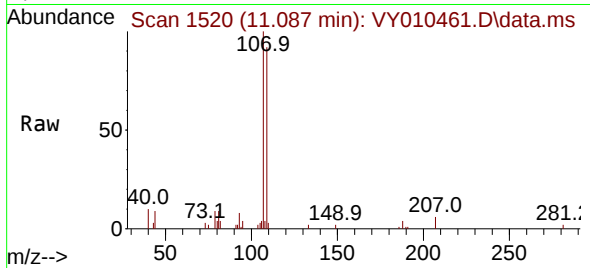
Tgt Ion:129 Resp: 10242
Ion Ratio Lower Upper
129 100
127 80.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 4.396 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

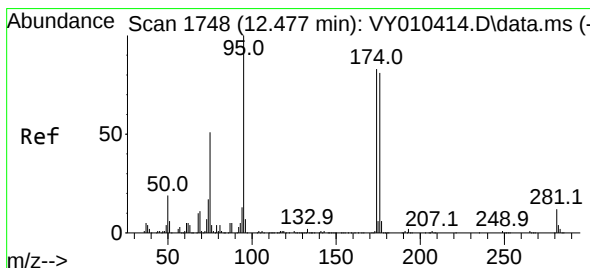
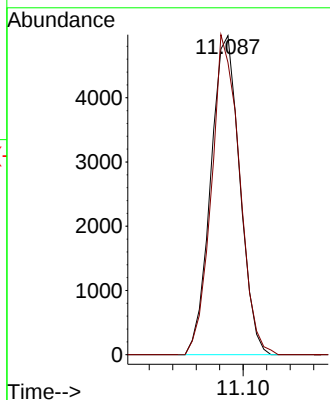
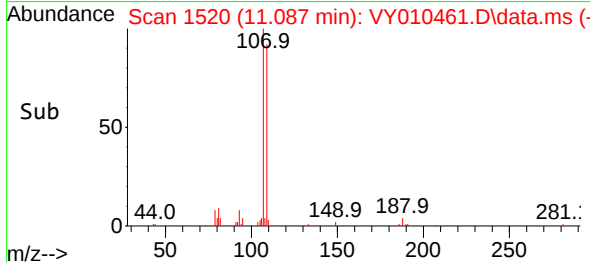
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



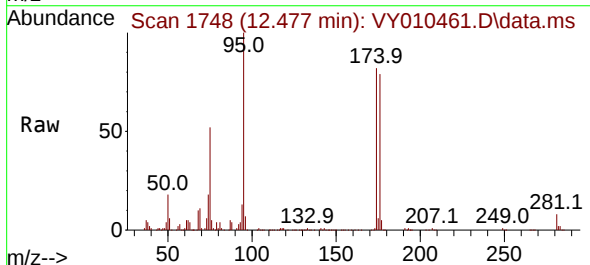
Tgt Ion:107 Resp: 8529
Ion Ratio Lower Upper
107 100
109 96.9 75.4 113.2

Manual Integrations
APPROVED

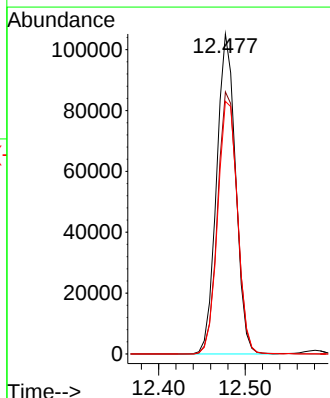
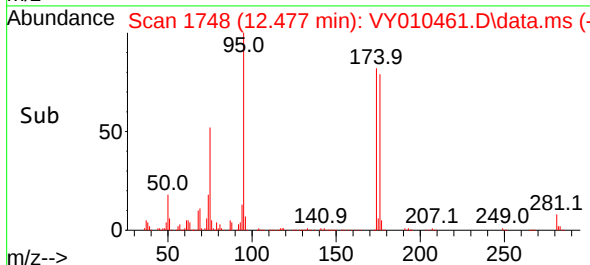
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

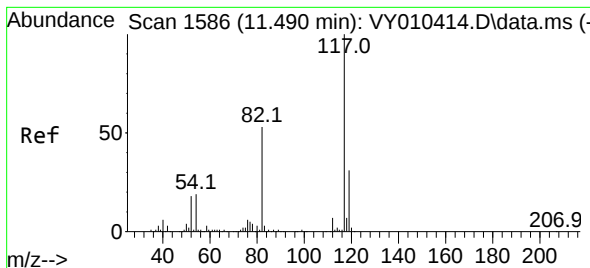


#62
4-Bromofluorobenzene
Concen: 44.491 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



Tgt Ion: 95 Resp: 160399
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 82.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010461.D

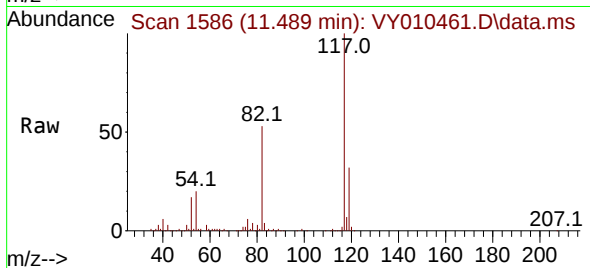
Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

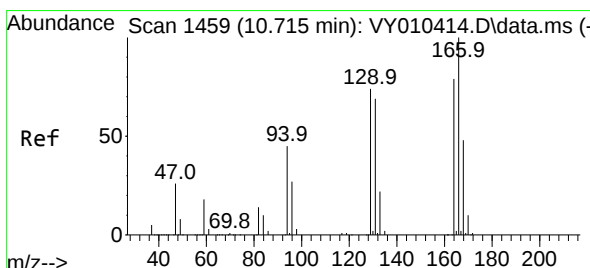
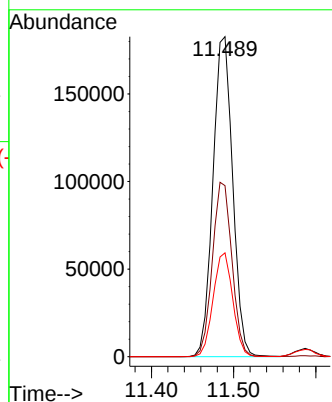
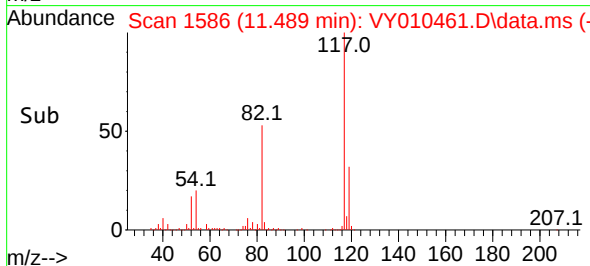


Tgt Ion:	117	Resp:	30460
Ion Ratio	100	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	32.5	25.4	38.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#64

Tetrachloroethene

Concen: 4.395 ug/l

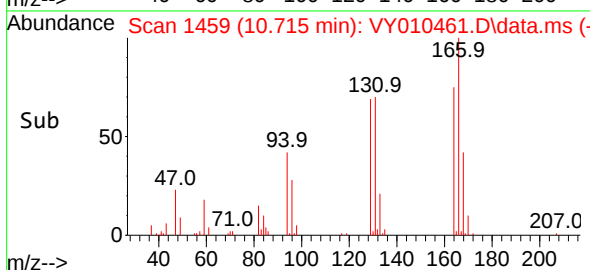
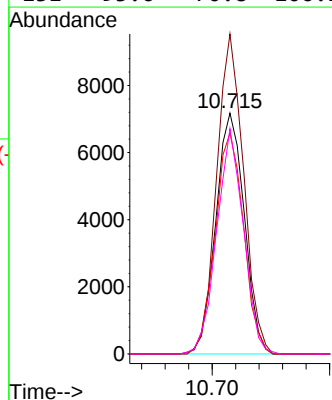
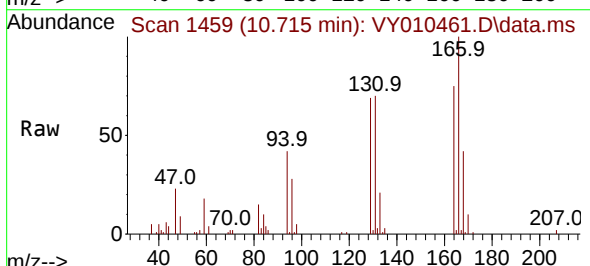
RT: 10.715 min Scan# 1459

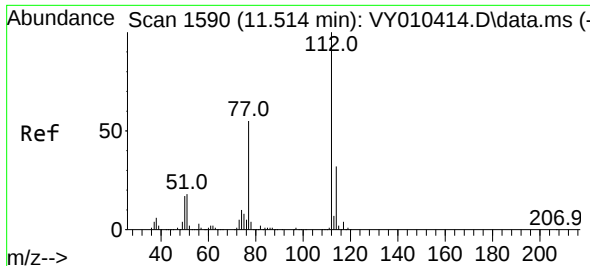
Delta R.T. 0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

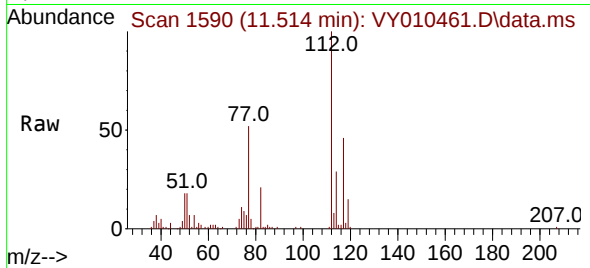
Tgt Ion:	164	Resp:	12066
Ion Ratio	100	Lower	Upper
164	100		
166	132.9	100.4	150.6
129	91.7	71.4	107.0
131	93.6	70.8	106.2





#65
Chlorobenzene
Concen: 4.426 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

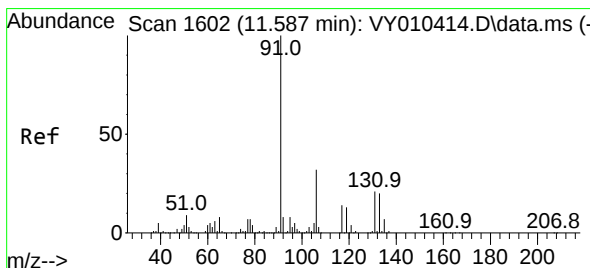
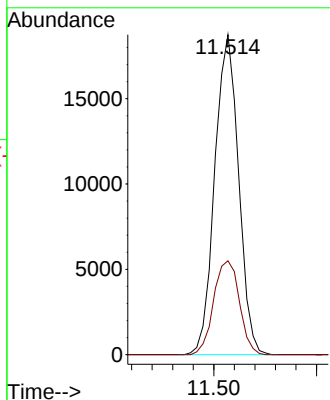
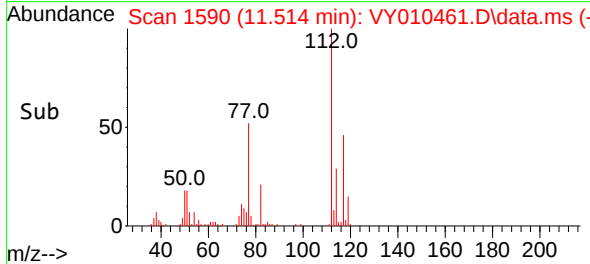
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



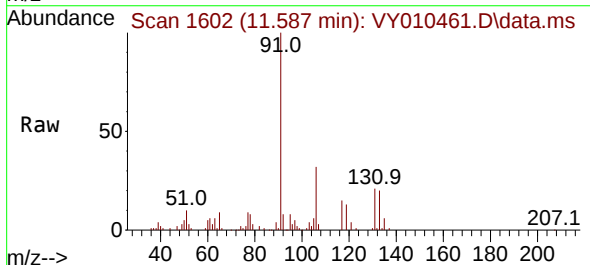
Tgt Ion:112 Resp: 30152
Ion Ratio Lower Upper
112 100
114 29.3 25.8 38.6

Manual Integrations
APPROVED

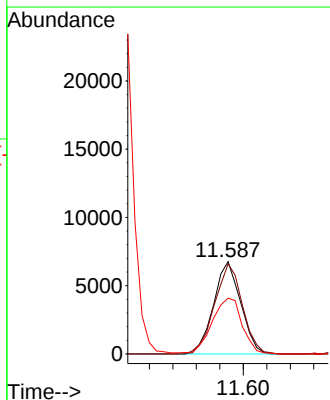
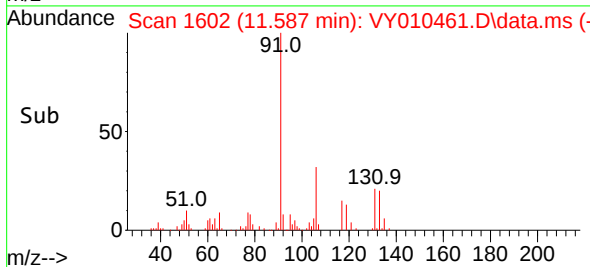
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

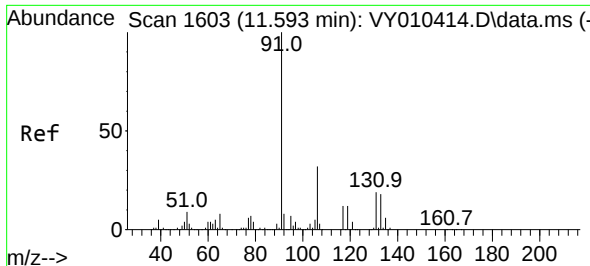


#66
1,1,1,2-Tetrachloroethane
Concen: 4.276 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



Tgt Ion:131 Resp: 10788
Ion Ratio Lower Upper
131 100
133 100.5 47.9 143.6
119 67.4 30.8 92.3





#67

Ethyl Benzene

Concen: 4.226 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 5094

Ion Ratio Lower Upper

91 100

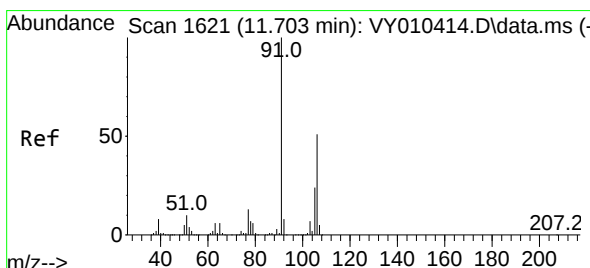
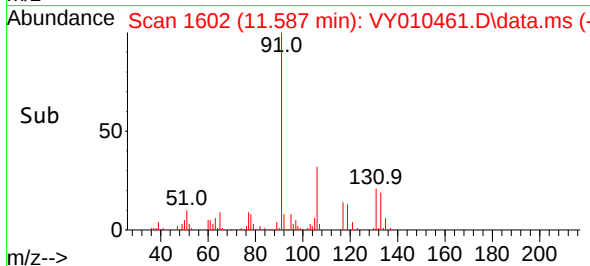
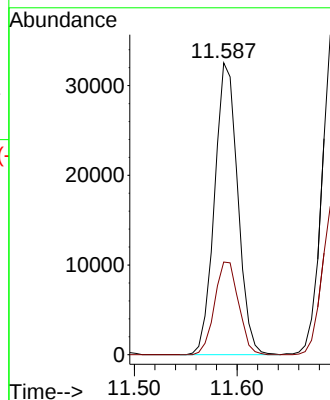
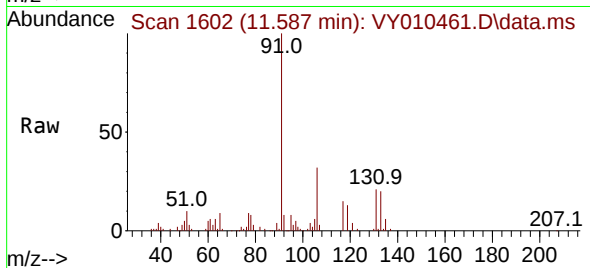
106 31.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#68

m/p-Xylenes

Concen: 8.297 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY010461.D

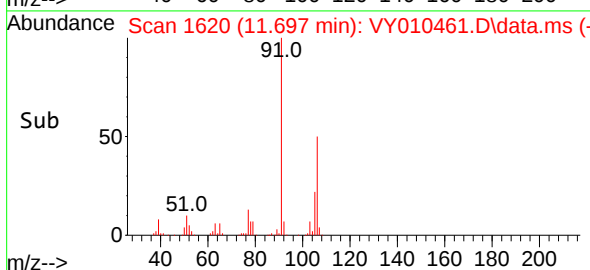
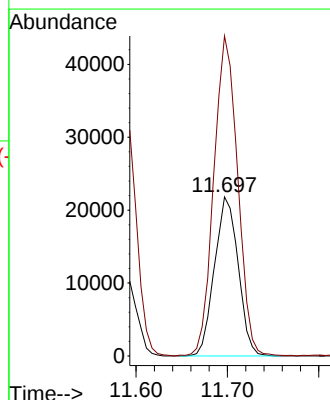
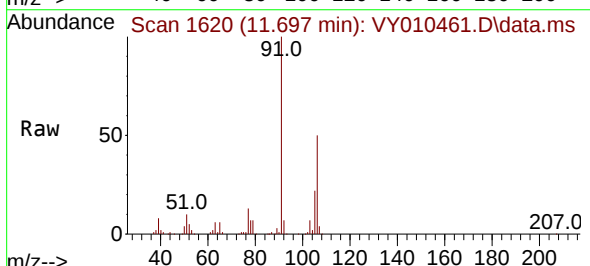
Acq: 13 Sep 2022 16:06

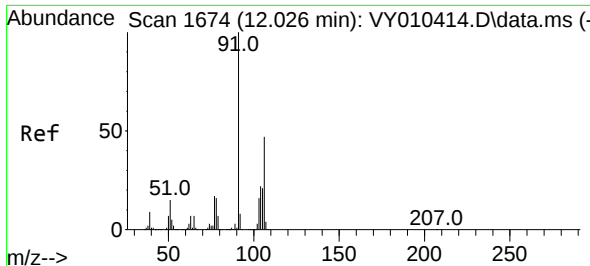
Tgt Ion:106 Resp: 39272

Ion Ratio Lower Upper

106 100

91 203.1 166.6 249.8





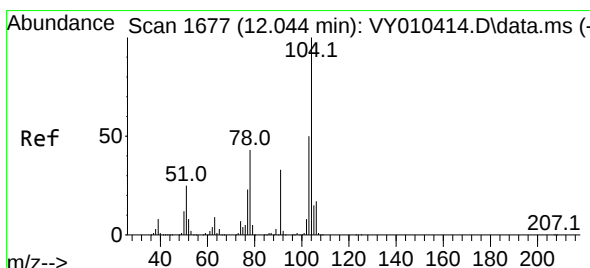
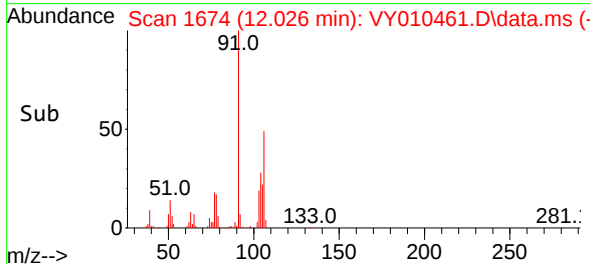
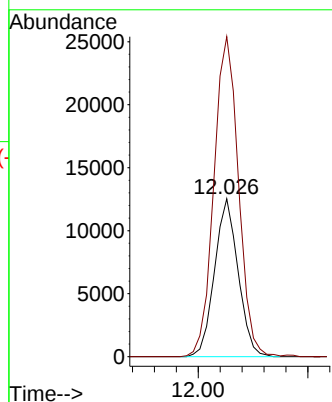
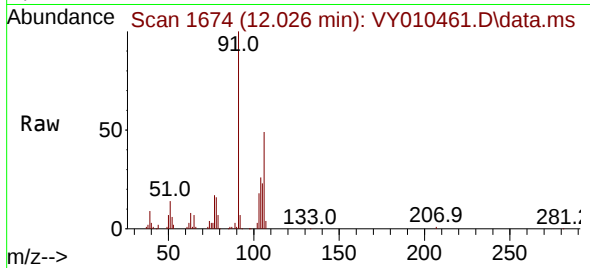
#69
o-Xylene
Concen: 4.137 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

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

Tgt Ion:106 Resp: 18699
Ion Ratio Lower Upper
106 100
91 212.0 110.3 331.0

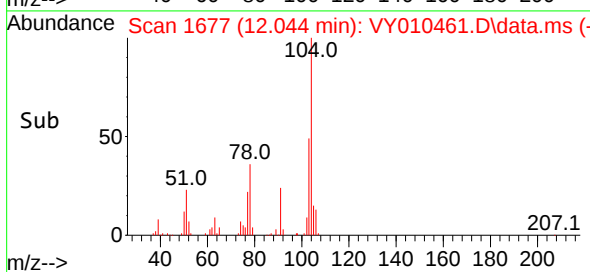
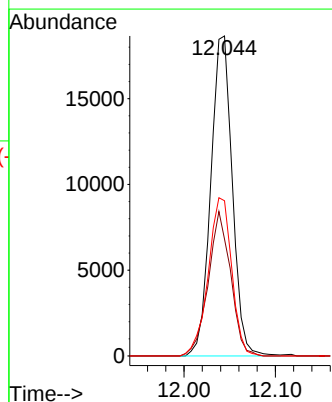
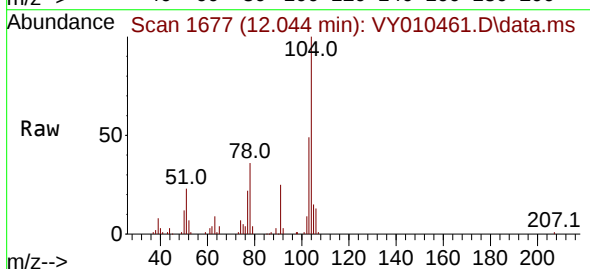
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#70
Styrene
Concen: 3.986 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion:104 Resp: 30489
Ion Ratio Lower Upper
104 100
78 46.9 42.4 63.6
103 53.8 44.4 66.6





#71

Bromoform

Concen: 4.131 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

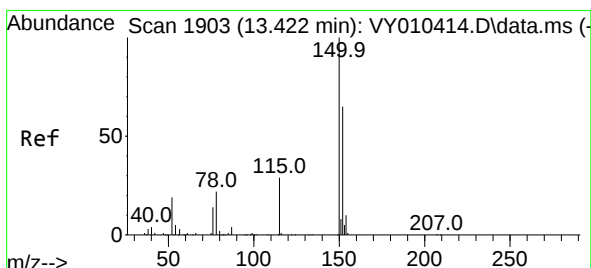
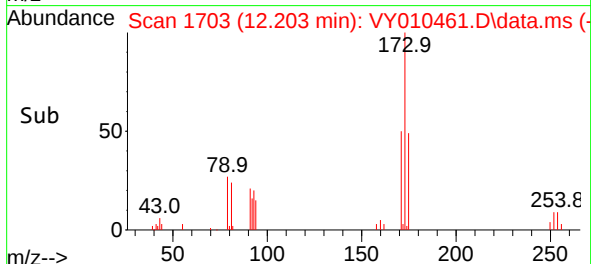
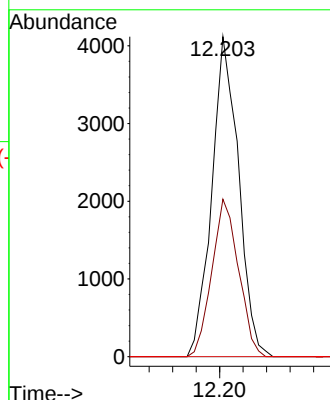
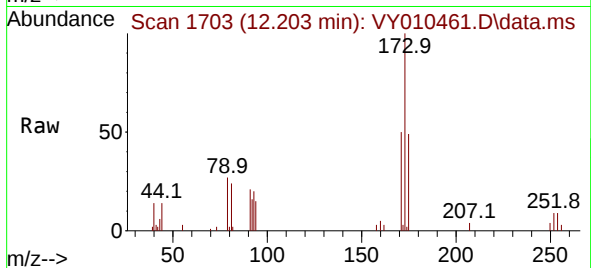
Tgt Ion:173	Resp:	6510
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.6 74.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

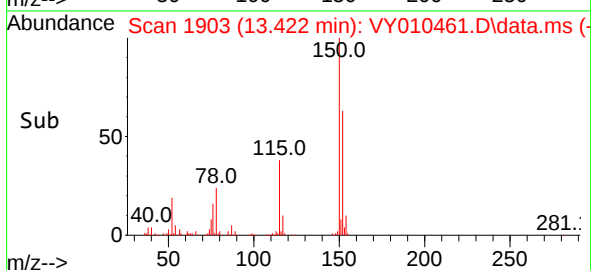
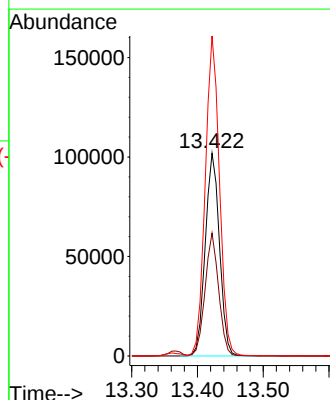
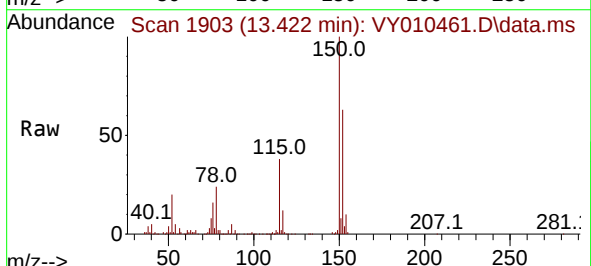
RT: 13.422 min Scan# 1903

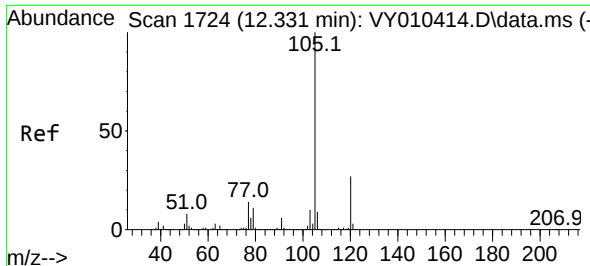
Delta R.T. 0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Tgt Ion:152	Resp:	153058
Ion Ratio	Lower	Upper
152	100	
115	58.2	28.2 84.7
150	158.1	0.0 347.6





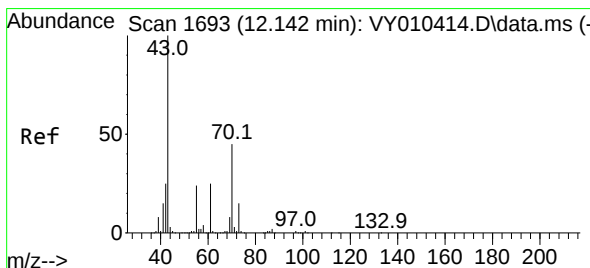
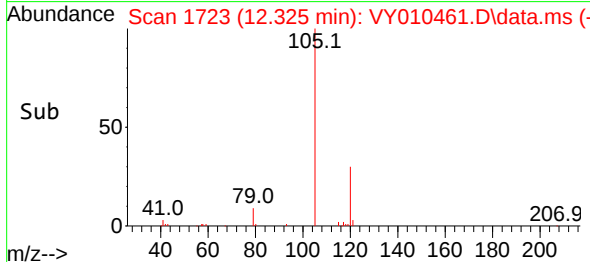
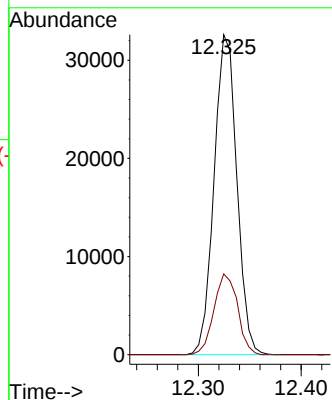
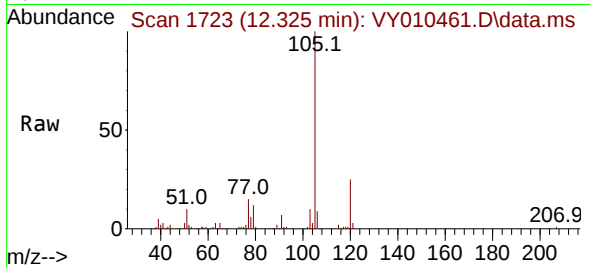
#73
Isopropylbenzene
Concen: 4.193 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

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

Tgt Ion:105 Resp: 50070
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

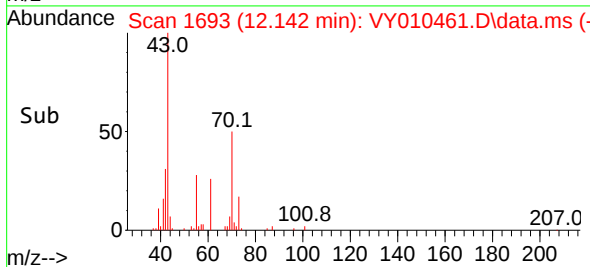
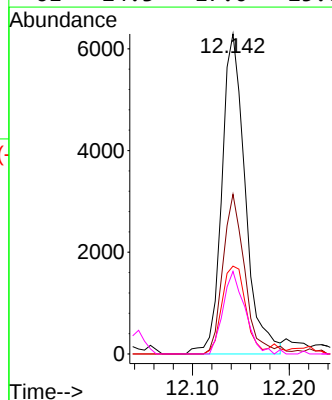
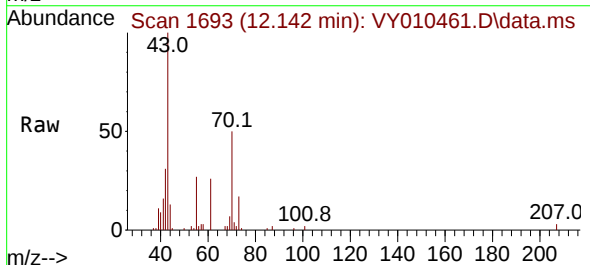
Manual Integrations
APPROVED

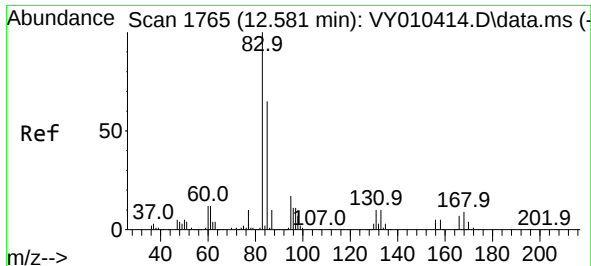
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#74
N-ethyl acetate
Concen: 3.788 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

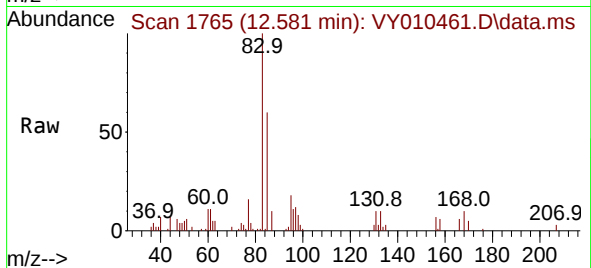
Tgt Ion: 43 Resp: 10554
Ion Ratio Lower Upper
43 100
70 46.9 28.7 43.1#
55 28.0 17.3 25.9#
61 24.3 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 4.641 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

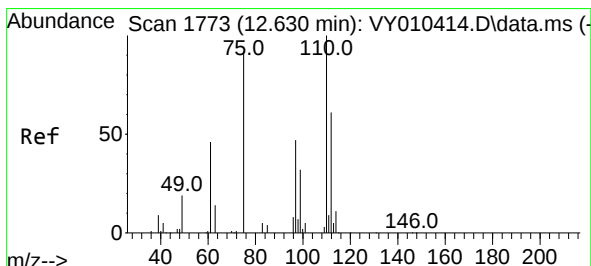
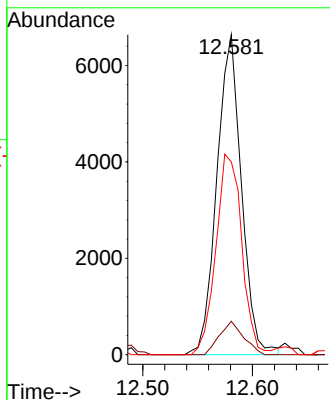
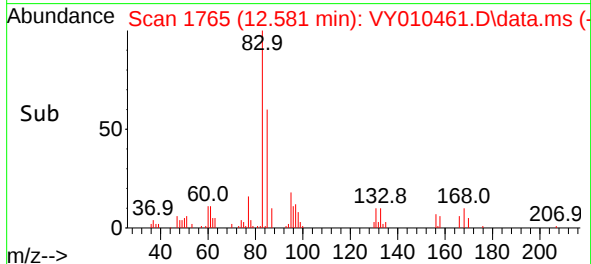
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



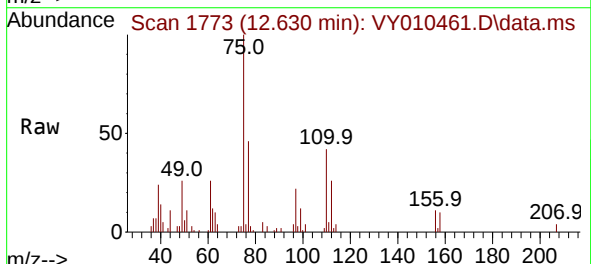
Tgt Ion: 83 Resp: 10368
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 65.6 32.3 96.8

Manual Integrations
APPROVED

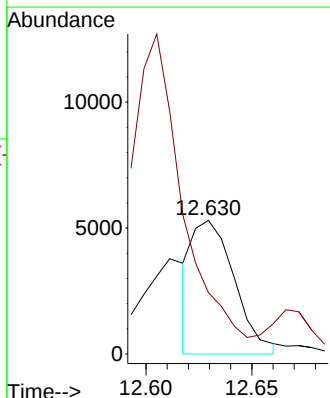
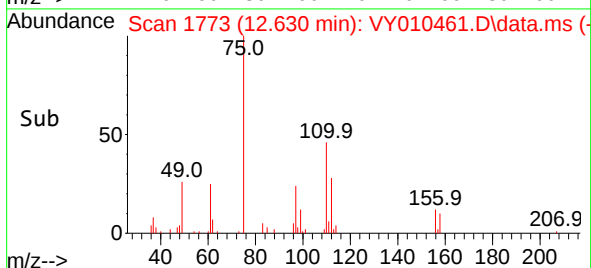
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

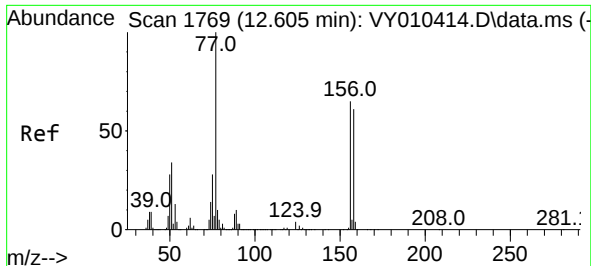


#76
1,2,3-Trichloropropane
Concen: 4.379 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



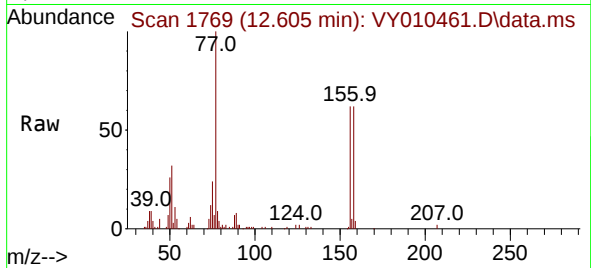
Tgt Ion: 75 Resp: 7397
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.178 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

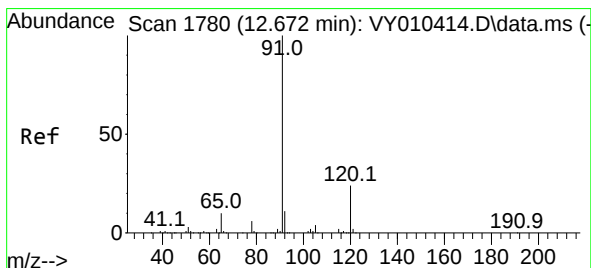
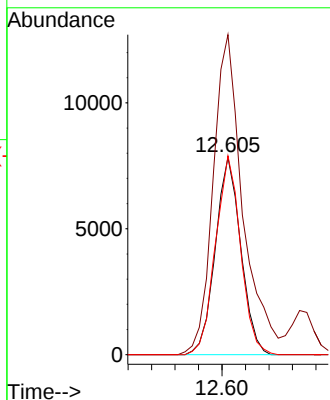
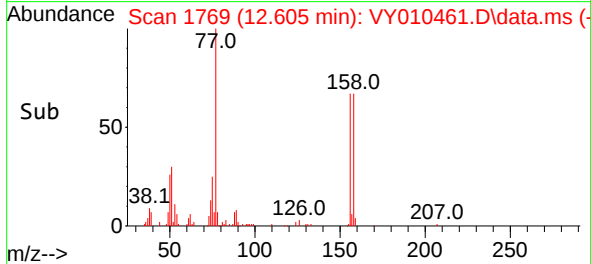
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:156 Resp: 1182
Ion Ratio Lower Upper
156 100
77 188.3 95.5 286.4
158 99.3 48.0 144.0

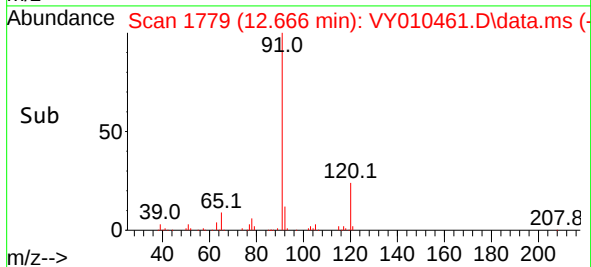
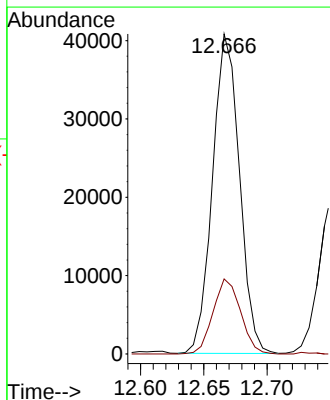
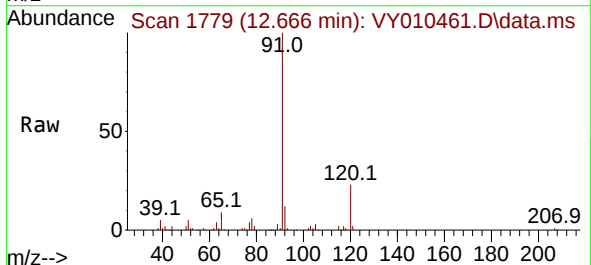
Manual Integrations
APPROVED

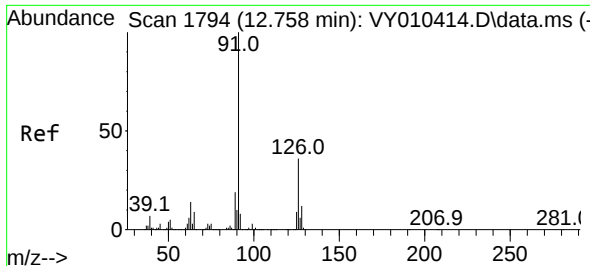
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#78
n-propylbenzene
Concen: 4.264 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion: 91 Resp: 60303
Ion Ratio Lower Upper
91 100
120 24.0 11.3 33.9





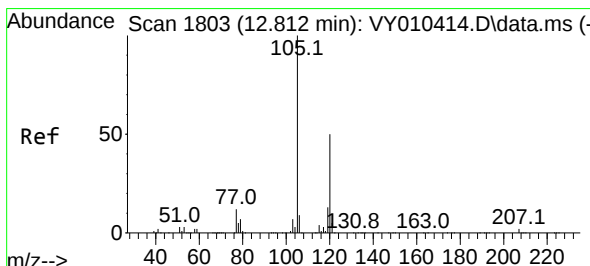
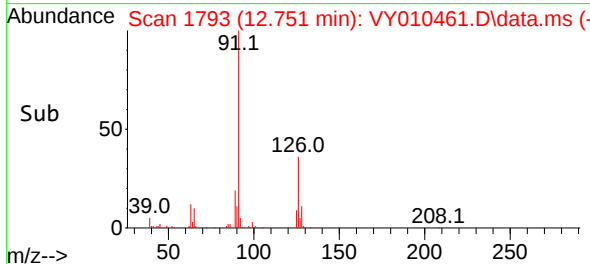
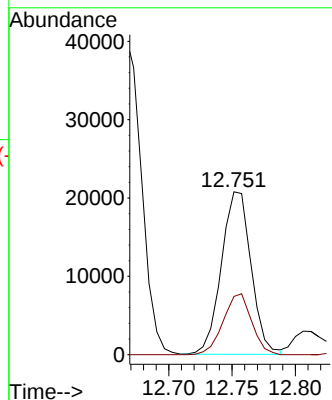
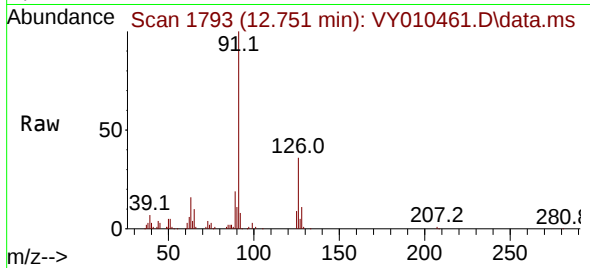
#79
2-Chlorotoluene
Concen: 4.272 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

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

Tgt Ion: 91 Resp: 33938
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6

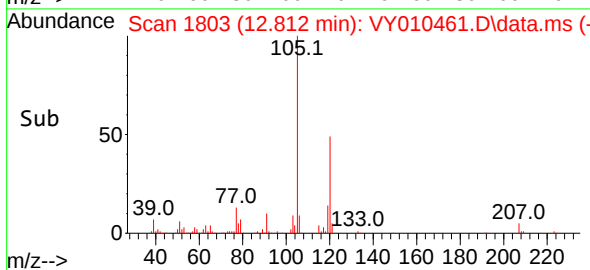
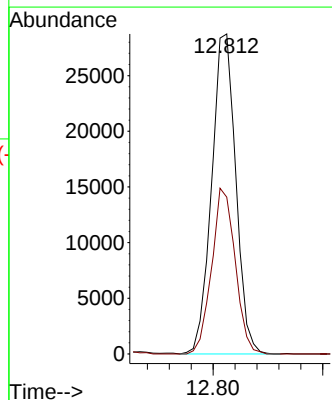
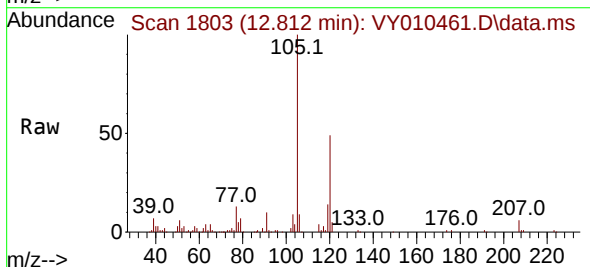
Manual Integrations
APPROVED

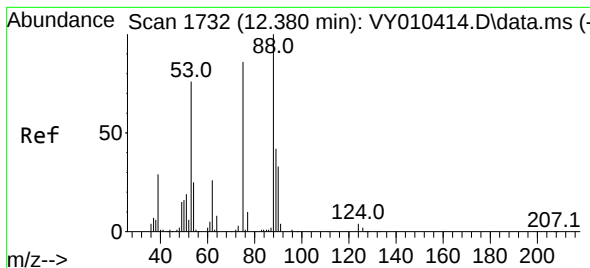
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.360 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

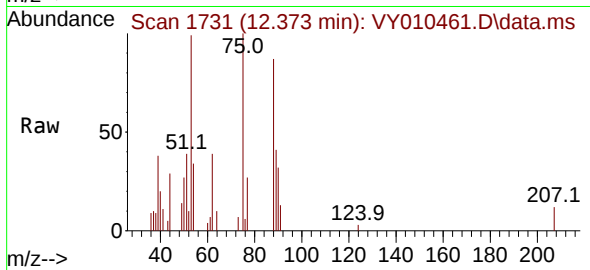
Tgt Ion:105 Resp: 43929
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.098 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

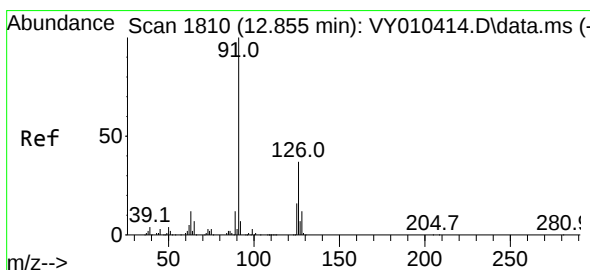
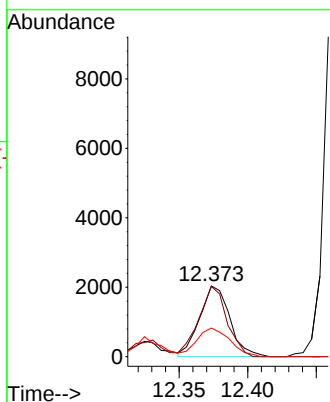
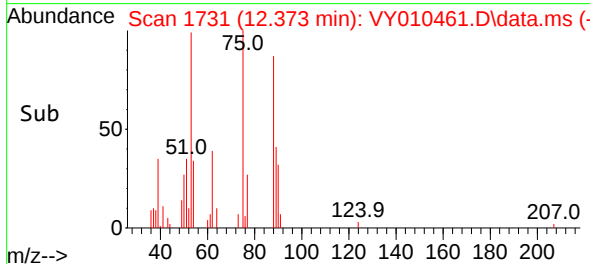
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 75 Resp: 3118
Ion Ratio Lower Upper
75 100
53 92.8 85.3 127.9
89 44.5 37.0 55.4

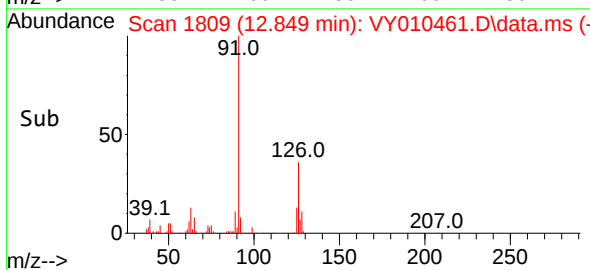
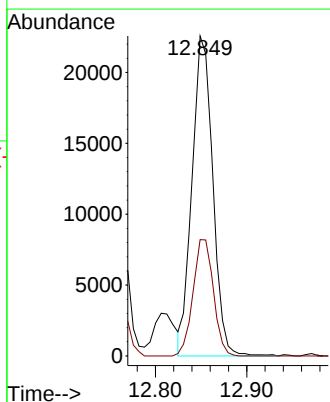
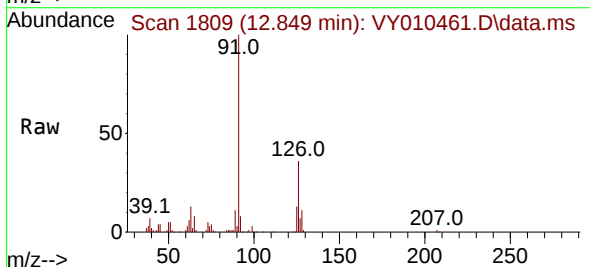
Manual Integrations
APPROVED

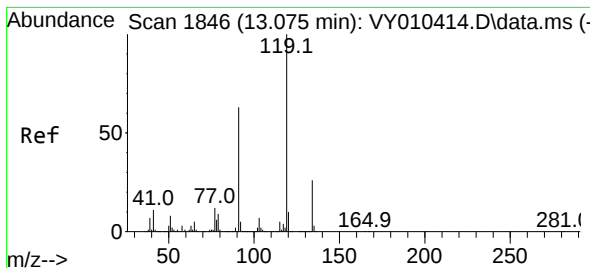
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 4.309 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion: 91 Resp: 35612
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 4.132 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.007 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

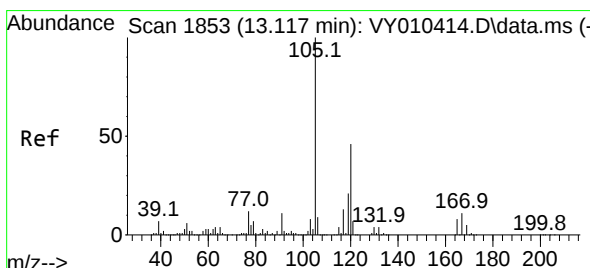
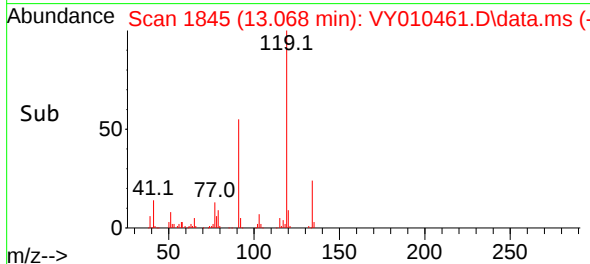
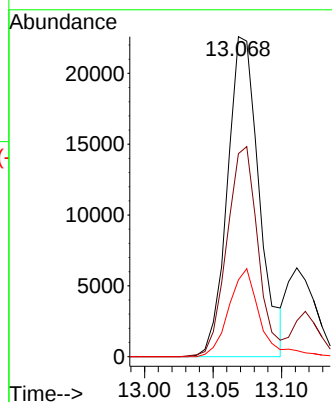
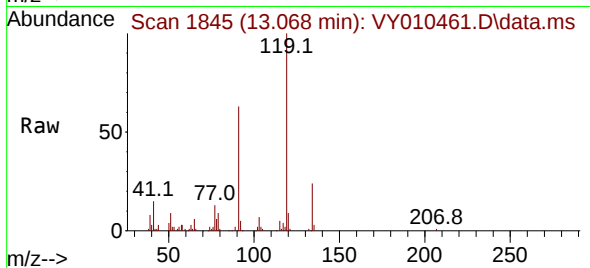
Tgt Ion:119	Resp:	36390
Ion Ratio	Lower	Upper
119	100	
91	64.1	34.8 104.4
134	27.0	13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#84

1,2,4-Trimethylbenzene

Concen: 4.283 ug/l

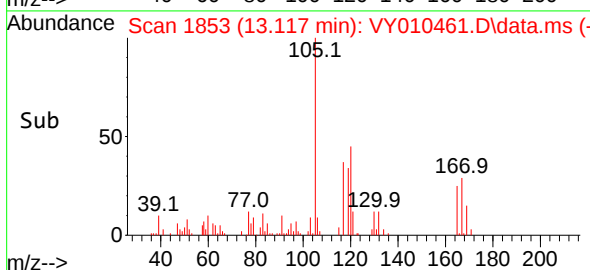
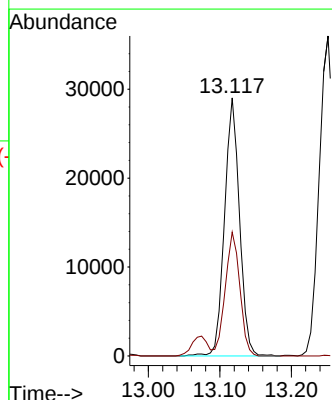
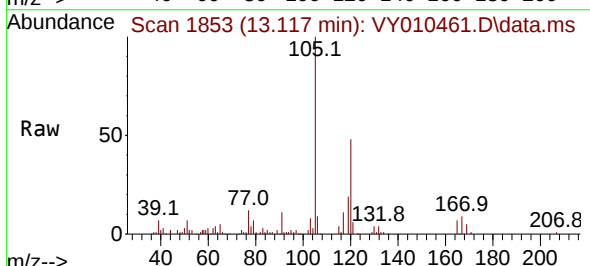
RT: 13.117 min Scan# 1853

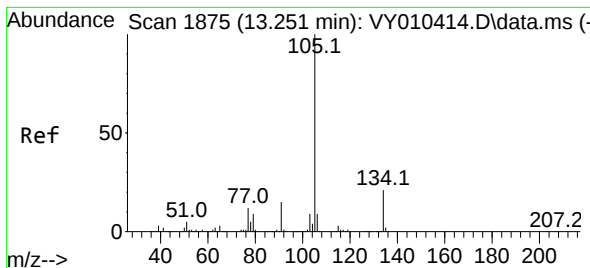
Delta R.T. 0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Tgt Ion:105	Resp:	42222
Ion Ratio	Lower	Upper
105	100	
120	47.1	22.3 66.9





#85

sec-Butylbenzene

Concen: 4.164 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:105 Resp: 5430

Ion Ratio Lower Upper

105 100

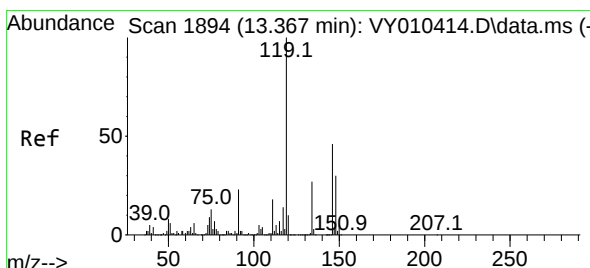
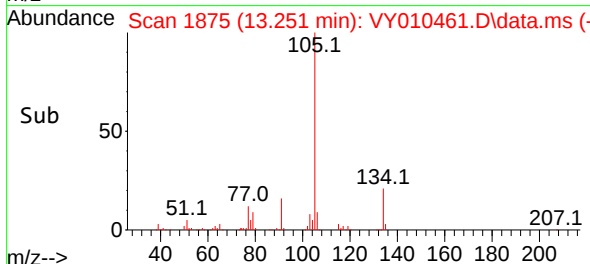
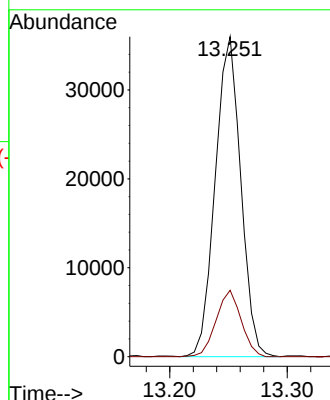
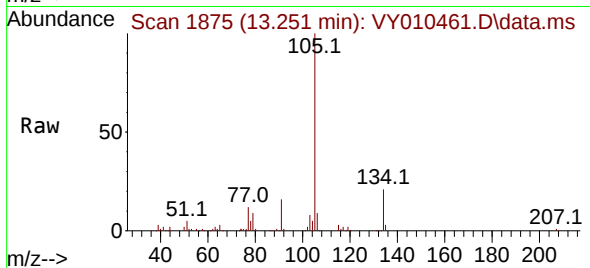
134 20.3 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#86

p-Isopropyltoluene

Concen: 4.079 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

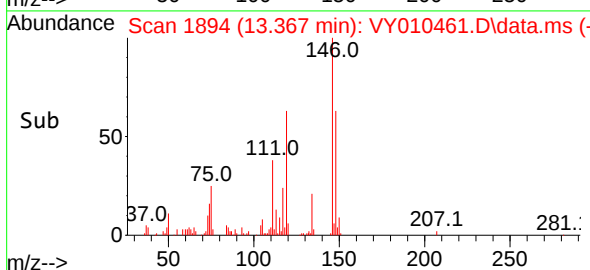
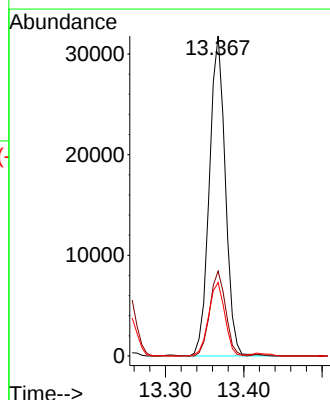
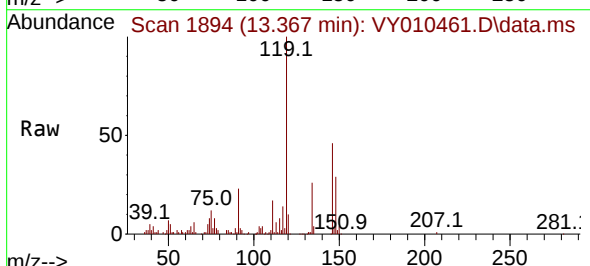
Tgt Ion:119 Resp: 44993

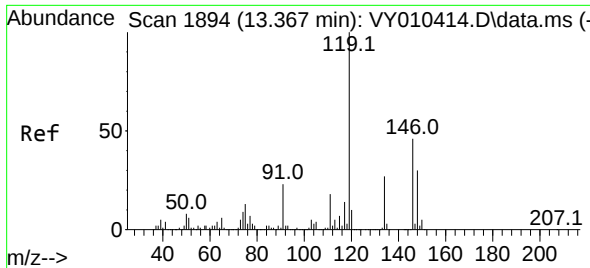
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.3 12.4 37.2





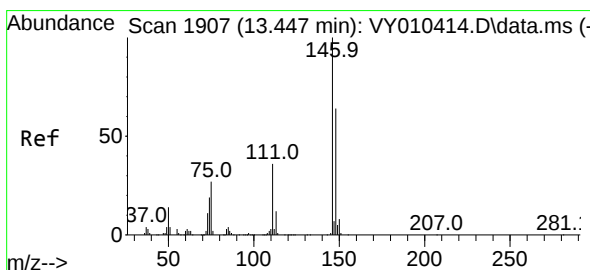
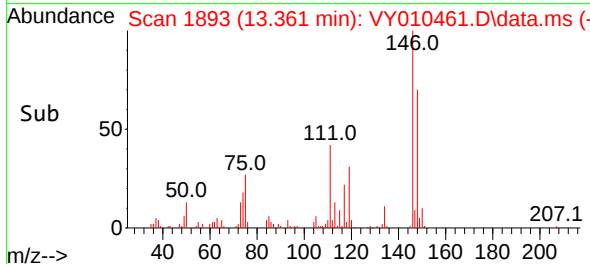
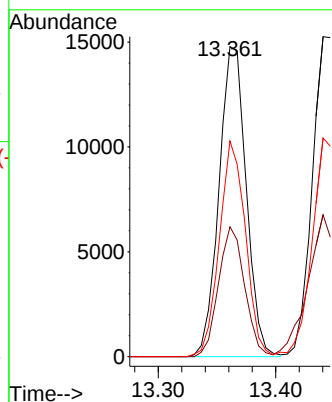
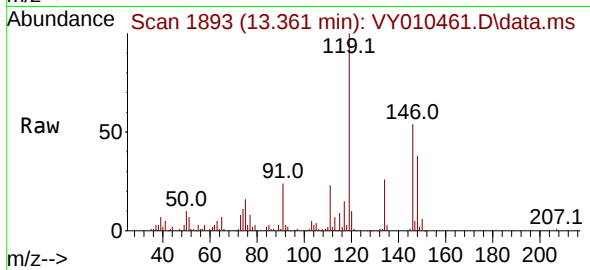
#87
1,3-Dichlorobenzene
Concen: 4.195 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

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

Tgt Ion:146 Resp: 23830
Ion Ratio Lower Upper
146 100
111 40.2 19.5 58.5
148 66.6 31.6 95.0

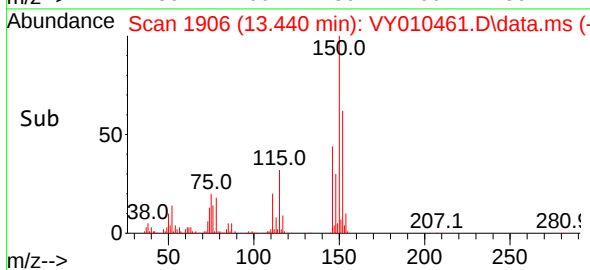
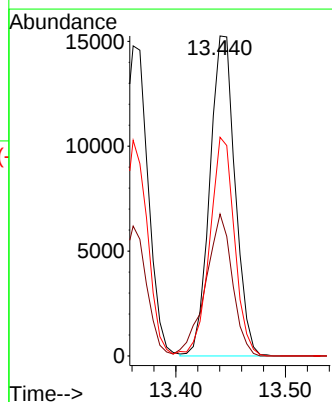
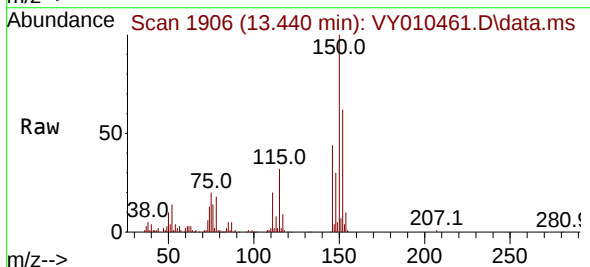
Manual Integrations
APPROVED

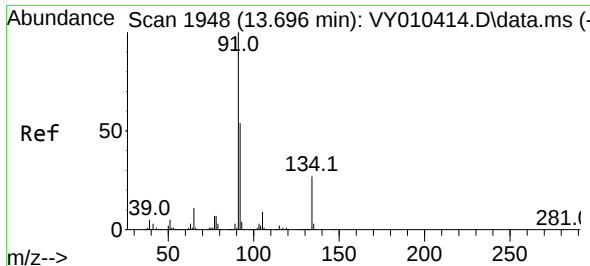
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#88
1,4-Dichlorobenzene
Concen: 4.345 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.007 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

Tgt Ion:146 Resp: 24446
Ion Ratio Lower Upper
146 100
111 46.9 19.3 57.8
148 67.1 32.6 97.8





#89

n-Butylbenzene

Concen: 4.141 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

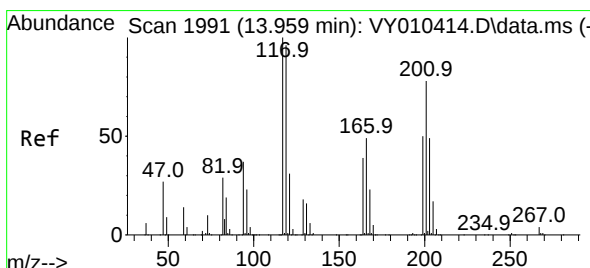
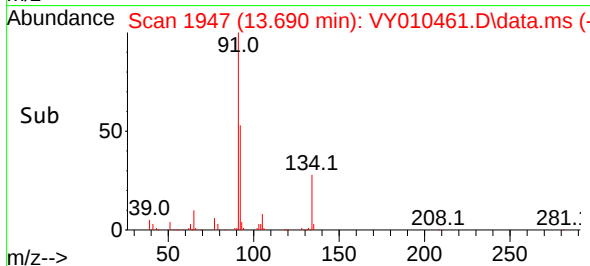
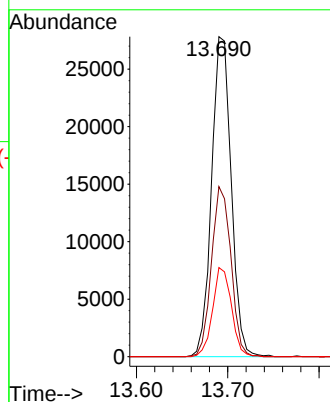
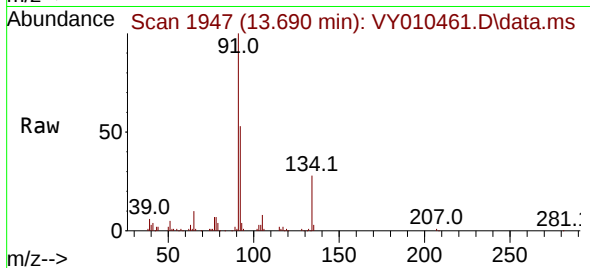
Tgt Ion:	91	Resp:	4146
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.3	78.9
134	26.8	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#90

Hexachloroethane

Concen: 4.375 ug/l

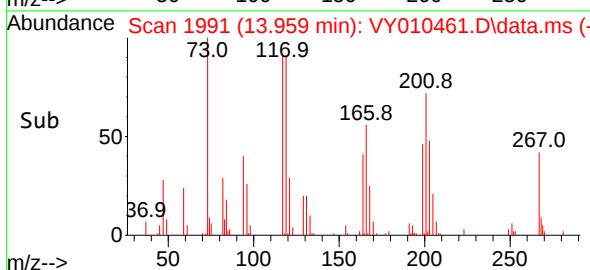
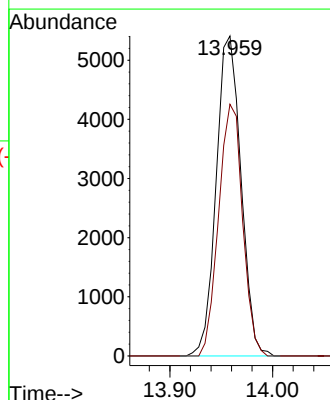
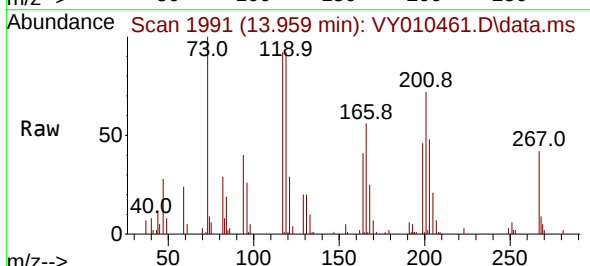
RT: 13.959 min Scan# 1991

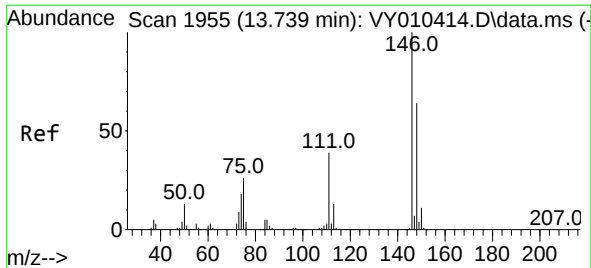
Delta R.T. -0.000 min

Lab File: VY010461.D

Acq: 13 Sep 2022 16:06

Tgt Ion:	117	Resp:	9060
Ion Ratio	Lower	Upper	
117	100		
201	76.0	43.0	128.8





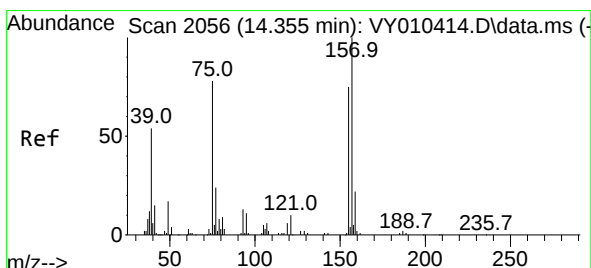
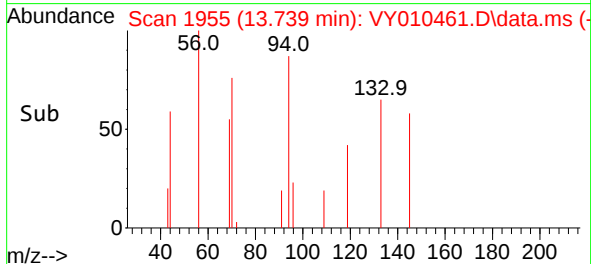
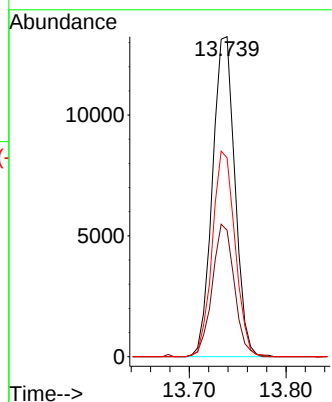
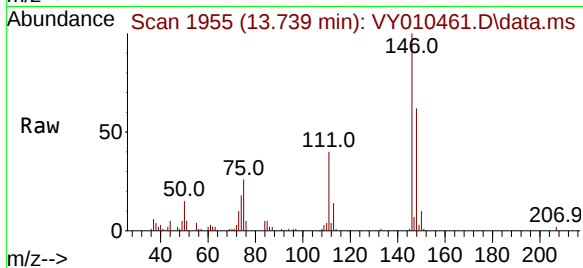
#91
1,2-Dichlorobenzene
Concen: 4.244 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.9
148	65.2	32.3	96.9

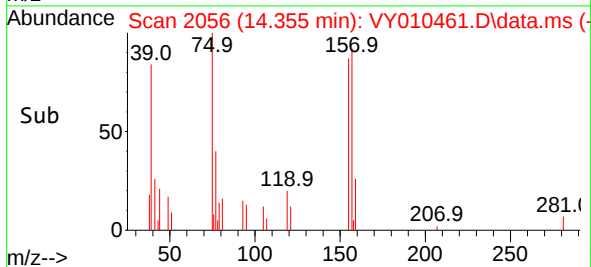
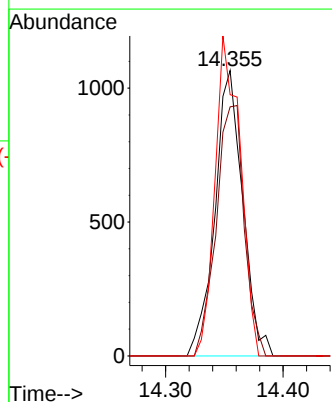
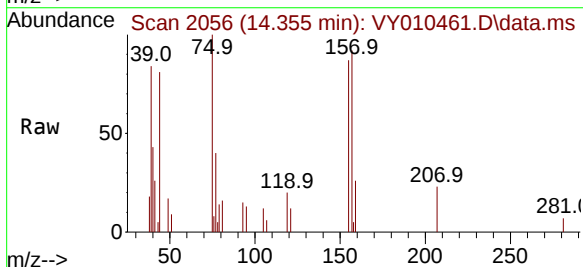
Manual Integrations
APPROVED

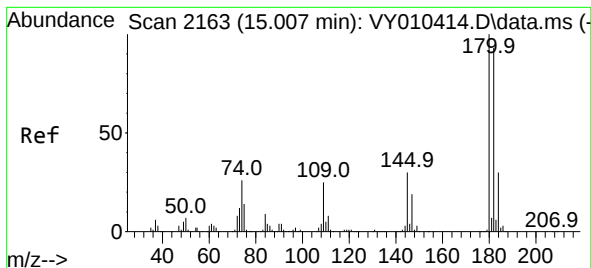
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.646 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

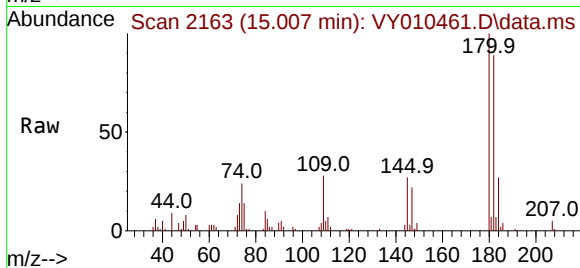
Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	38.0	113.9
157	101.7	47.8	143.3





#93
1,2,4-Trichlorobenzene
Concen: 4.241 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

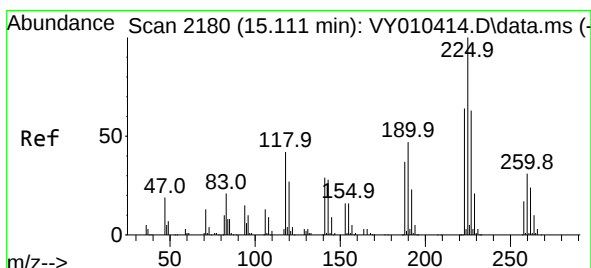
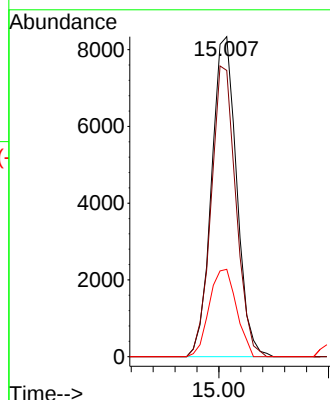
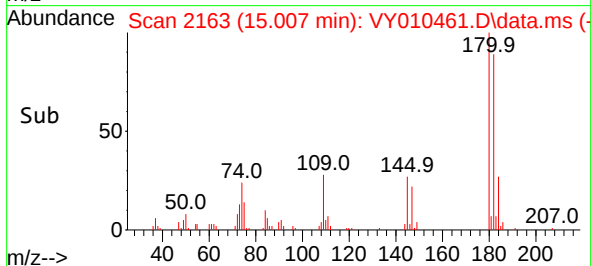
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



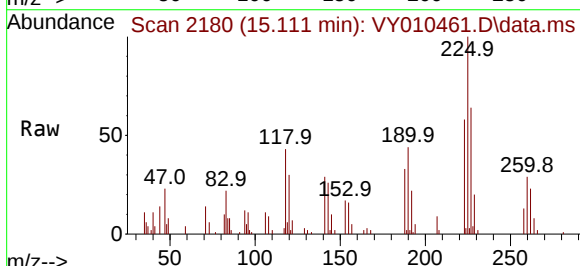
Tgt Ion:180 Resp: 1325
Ion Ratio Lower Upper
180 100
182 89.6 47.3 141.9
145 29.6 14.6 43.8

Manual Integrations
APPROVED

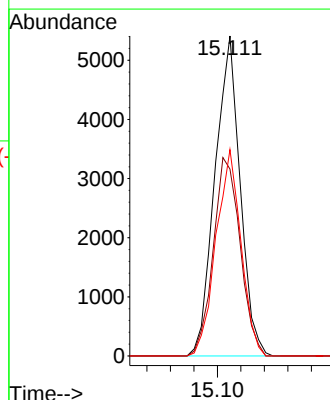
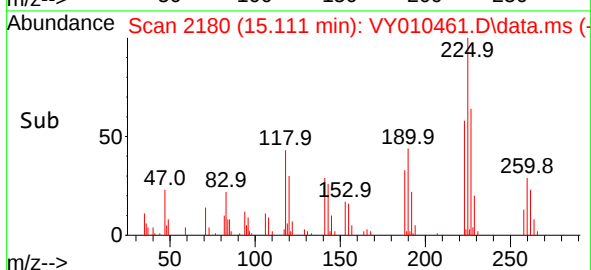
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

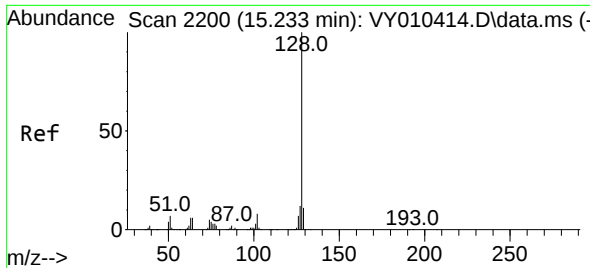


#94
Hexachlorobutadiene
Concen: 4.270 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



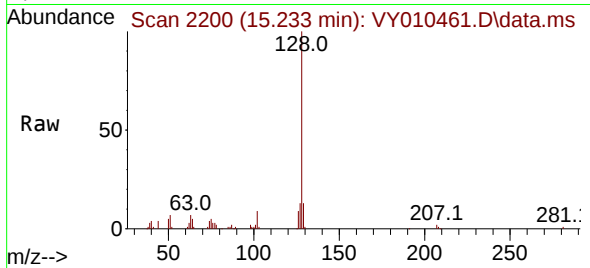
Tgt Ion:225 Resp: 8053
Ion Ratio Lower Upper
225 100
223 66.3 30.8 92.3
227 64.0 31.6 94.7





#95
Naphthalene
Concen: 4.172 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06

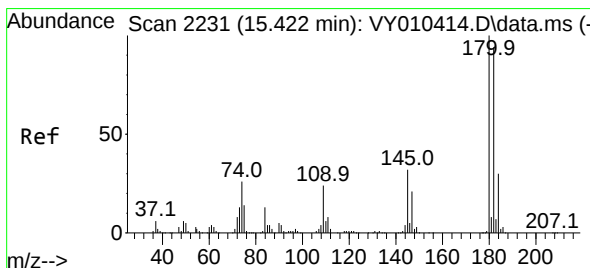
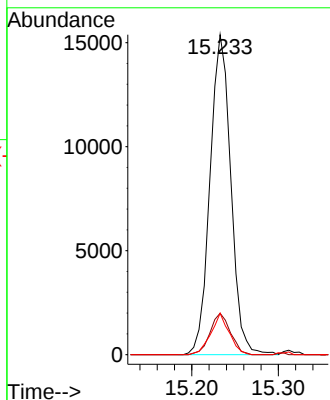
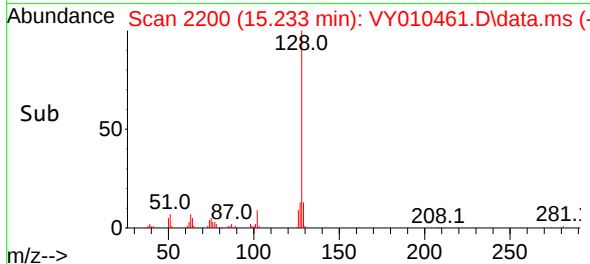
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



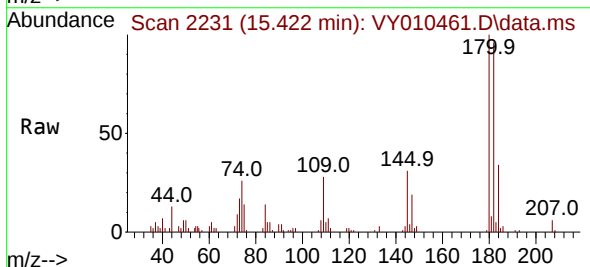
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	11.0	16.4
129	11.4	8.4	12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.290 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010461.D
Acq: 13 Sep 2022 16:06



Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.3	141.9
145	31.7	15.3	45.9

