

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010460.D
 Acq On : 13 Sep 2022 15:44
 Operator : KP/MD
 Sample : N3980-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 14 05:24:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	216506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125614	57.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.220%	
35) Dibromofluoromethane	7.710	113	121377	48.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.760%	
50) Toluene-d8	10.173	98	447826	55.648	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.300%	
62) 4-Bromofluorobenzene	12.477	95	156724	49.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.020%	

Target Compounds					Qvalue	
3) Chloromethane	2.107	50	7854	3.229	ug/l	93
4) Vinyl Chloride	2.241	62	9028	3.008	ug/l	97
5) Bromomethane	2.637	94	6769	3.220	ug/l	94
6) Chloroethane	2.784	64	5937	2.958	ug/l	99
7) Trichlorofluoromethane	3.107	101	11411	3.002	ug/l	99
8) Diethyl Ether	3.521	74	3569	2.899	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	6349	2.853	ug/l	95
10) Methyl Iodide	4.082	142	6589	2.392	ug/l	94
11) Tert butyl alcohol	4.936	59	3186	Below Cal	#	94
12) 1,1-Dichloroethene	3.863	96	6112	2.927	ug/l #	71
13) Acrolein	3.729	56	2714	13.046	ug/l	91
14) Allyl chloride	4.466	41	9014	2.998	ug/l	94
15) Acrylonitrile	5.155	53	9022	15.138	ug/l	96
16) Acetone	3.942	43	10676	21.334	ug/l	97
17) Carbon Disulfide	4.180	76	15127	2.679	ug/l	99
18) Methyl Acetate	4.466	43	6666	4.330	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	16728	2.901	ug/l	97
20) Methylene Chloride	4.698	84	43019	12.617	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	6504	2.743	ug/l	84
22) Diisopropyl ether	6.106	45	18095	2.696	ug/l #	95
23) Vinyl Acetate	6.051	43	48900	11.888	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	11680	2.874	ug/l	98
25) 2-Butanone	6.978	43	16473	20.714	ug/l	95
26) 2,2-Dichloropropane	6.972	77	17661	4.554	ug/l	84
27) cis-1,2-Dichloroethene	6.972	96	7546	2.738	ug/l	77
28) Bromochloromethane	7.319	49	4467	3.429	ug/l #	86
29) Tetrahydrofuran	7.338	42	7761	15.636	ug/l #	86
30) Chloroform	7.496	83	12458	2.890	ug/l	99
31) Cyclohexane	7.777	56	13680	3.714	ug/l #	50
32) 1,1,1-Trichloroethane	7.697	97	10850	2.780	ug/l	94
36) 1,1-Dichloropropene	7.911	75	9421	2.771	ug/l	98
37) Ethyl Acetate	7.069	43	5823	3.259	ug/l #	90
38) Carbon Tetrachloride	7.893	117	9874	2.611	ug/l	92
39) Methylcyclohexane	9.173	83	11379	2.685	ug/l	88
40) Benzene	8.149	78	27680	2.829	ug/l	94
41) Methacrylonitrile	7.295	41	2487	2.434	ug/l #	27

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	8430	2.897	ug/l	94
43) Isopropyl Acetate	8.264	43	8886	2.717	ug/l #	90
44) Trichloroethene	8.935	130	7459	2.590	ug/l	91
45) 1,2-Dichloropropane	9.209	63	6487	2.718	ug/l	98
46) Dibromomethane	9.301	93	3760	2.613	ug/l	92
47) Bromodichloromethane	9.490	83	9052	2.648	ug/l	96
48) Methyl methacrylate	9.289	41	3864	2.631	ug/l #	77
49) 1,4-Dioxane	9.289	88	961	50.442	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	25102	13.994	ug/l	91
52) Toluene	10.240	92	17177	2.682	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	8959	2.547	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	10422	2.627	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	5670	2.770	ug/l	96
56) Ethyl methacrylate	10.508	69	6448	2.398	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	9317	2.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	17437	Below Cal		94
59) 2-Hexanone	10.831	43	15945	13.040	ug/l	89
60) Dibromochloromethane	10.977	129	6669	2.666	ug/l	99
61) 1,2-Dibromoethane	11.081	107	5225	2.629	ug/l	93
64) Tetrachloroethene	10.715	164	7536	2.674	ug/l	94
65) Chlorobenzene	11.514	112	18643	2.666	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	6974	2.692	ug/l	95
67) Ethyl Benzene	11.587	91	31774	2.567	ug/l	98
68) m/p-Xylenes	11.697	106	24933	5.131	ug/l	95
69) o-Xylene	12.026	106	11763	2.535	ug/l	93
70) Styrene	12.038	104	18717	2.383	ug/l	97
71) Bromoform	12.203	173	4059	2.507	ug/l #	96
73) Isopropylbenzene	12.325	105	31322	2.603	ug/l	100
74) N-amyl acetate	12.142	43	6341	2.258	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.575	83	6824	3.031	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	8663	5.089	ug/l #	100
77) Bromobenzene	12.605	156	7862	2.757	ug/l	94
78) n-propylbenzene	12.666	91	37890	2.659	ug/l	97
79) 2-Chlorotoluene	12.751	91	21933	2.740	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	28109	2.768	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80836	105.440	ug/l #	7
82) 4-Chlorotoluene	12.849	91	22558	2.709	ug/l	100
83) tert-Butylbenzene	13.068	119	23340	2.630	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	26773	2.695	ug/l	97
85) sec-Butylbenzene	13.251	105	34090	2.594	ug/l	99
86) p-Isopropyltoluene	13.367	119	27190	2.446	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	15112	2.639	ug/l	96
88) 1,4-Dichlorobenzene	13.440	146	15551	2.743	ug/l	91
89) n-Butylbenzene	13.696	91	26304	2.607	ug/l	98
90) Hexachloroethane	13.958	117	5717	2.739	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	13358	2.634	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1182	3.111	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	8172	2.594	ug/l	99
94) Hexachlorobutadiene	15.105	225	5048	2.656	ug/l	93
95) Naphthalene	15.233	128	16780	2.701	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	7267	2.643	ug/l	94

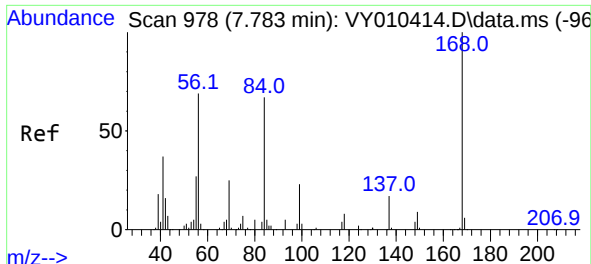
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

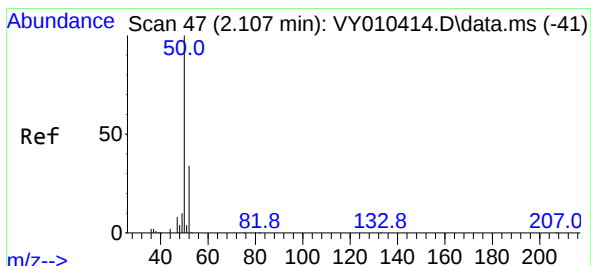
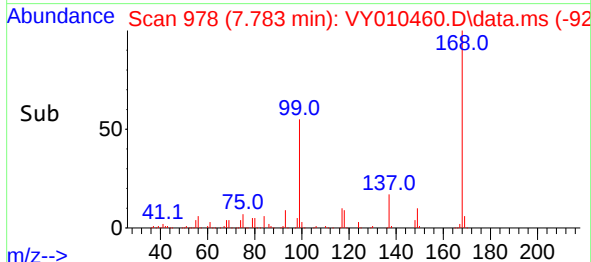
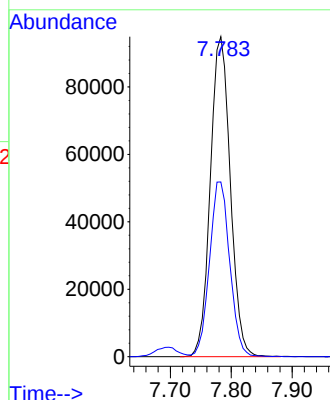
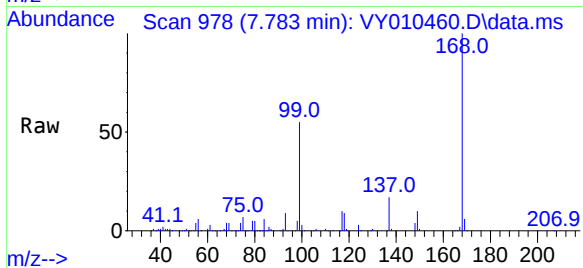
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010460.D
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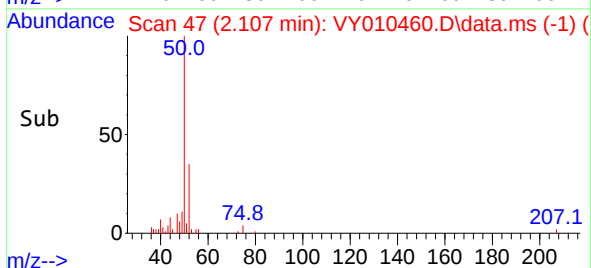
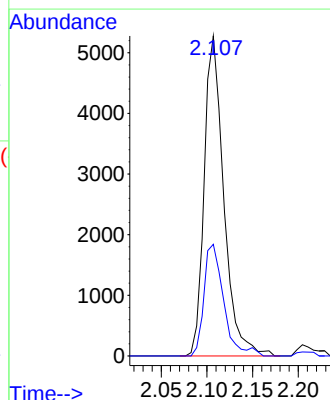
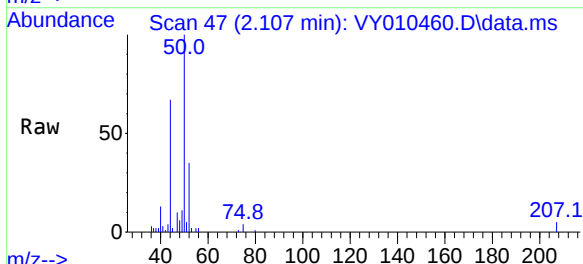
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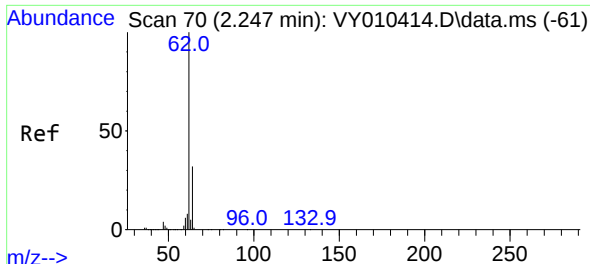
Tgt Ion:168 Resp: 216506
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#3
Chloromethane
Concen: 3.229 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 50 Resp: 7854
Ion Ratio Lower Upper
50 100
52 34.9 24.6 37.0

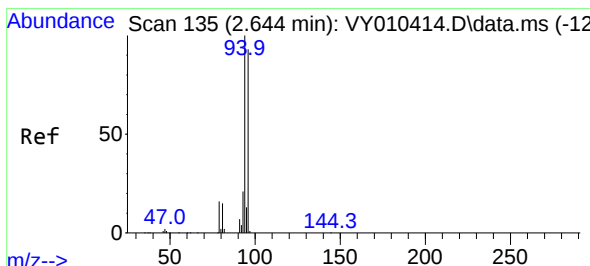
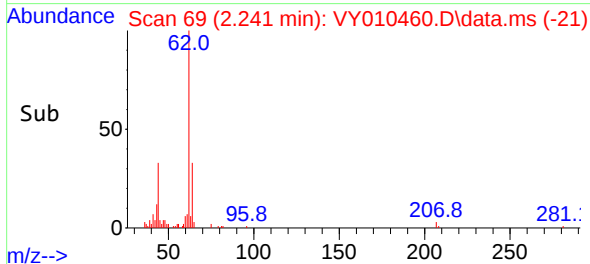
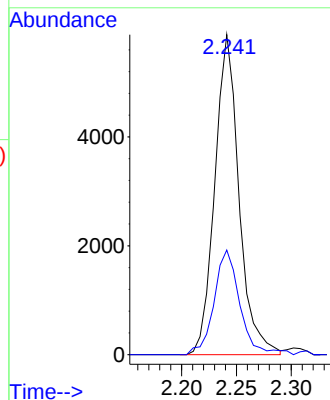
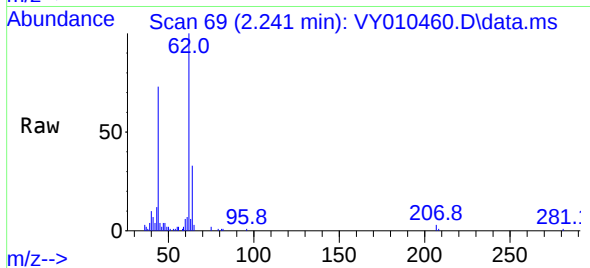




#4
 Vinyl Chloride
 Concen: 3.008 ug/l
 RT: 2.241 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY010460.D
 Acq: 13 Sep 2022 15:44

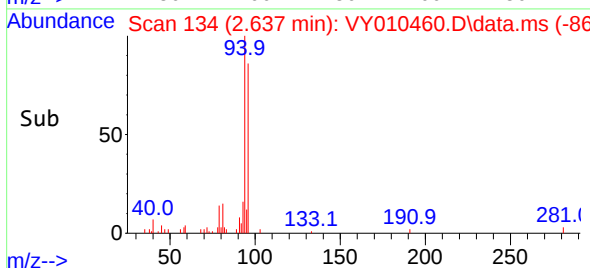
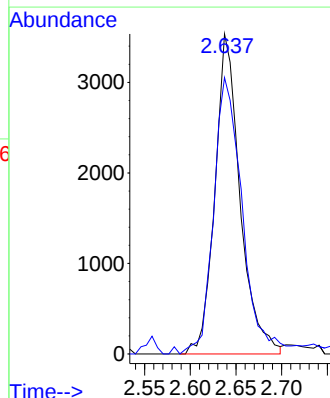
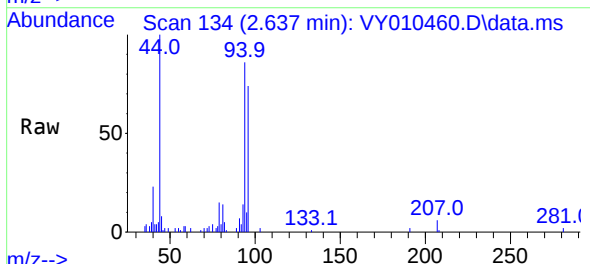
Instrument :
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 ClientSampleId :
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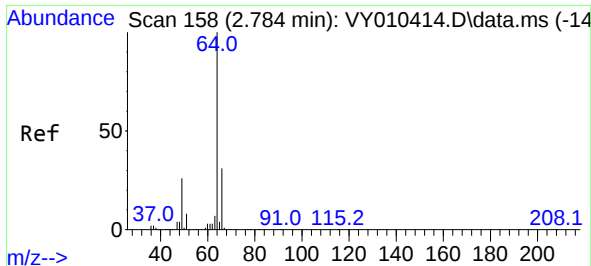
Tgt Ion: 62 Resp: 9028
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.0 37.6



#5
 Bromomethane
 Concen: 3.220 ug/l
 RT: 2.637 min Scan# 134
 Delta R.T. -0.007 min
 Lab File: VY010460.D
 Acq: 13 Sep 2022 15:44

Tgt Ion: 94 Resp: 6769
 Ion Ratio Lower Upper
 94 100
 96 86.4 73.5 110.3

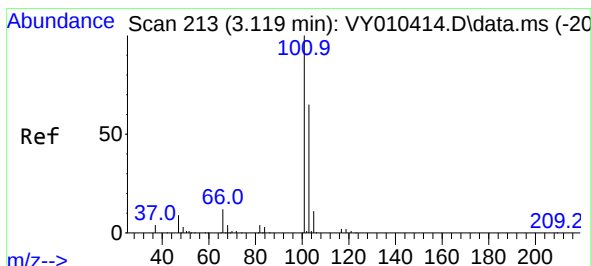
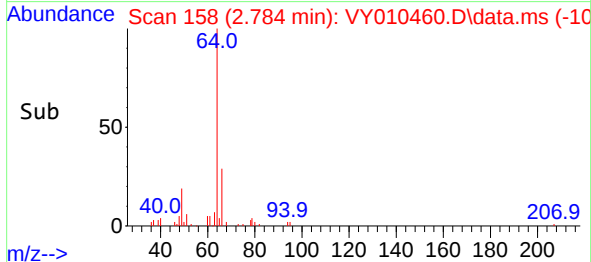
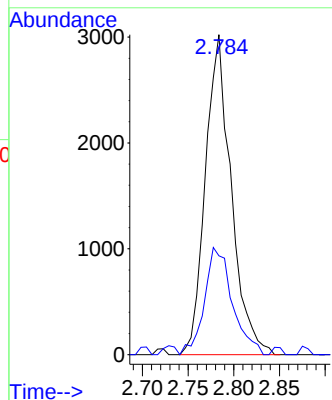
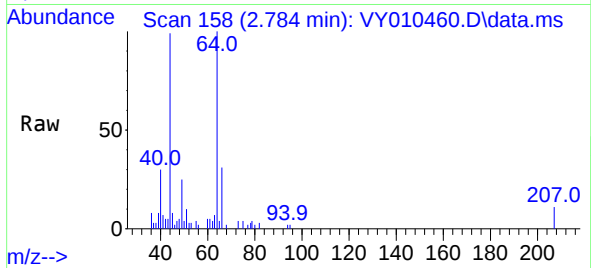




#6
Chloroethane
Concen: 2.958 ug/l
RT: 2.784 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

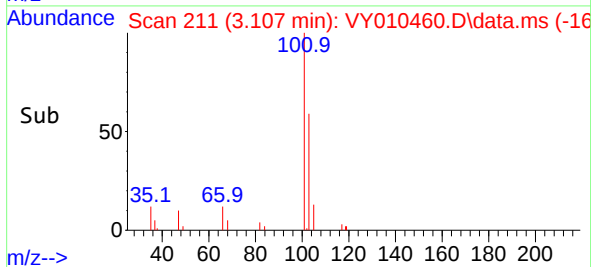
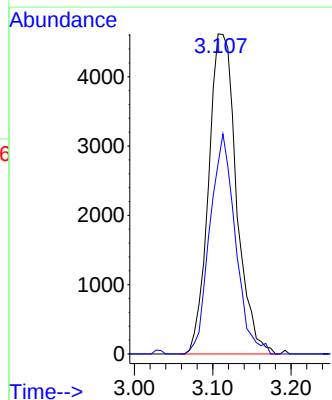
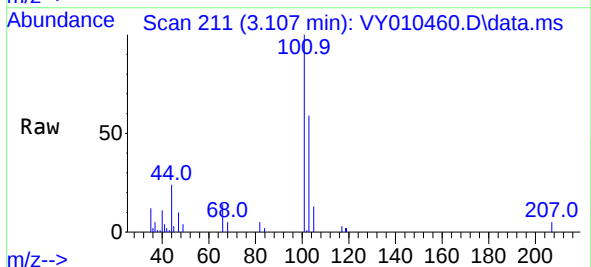
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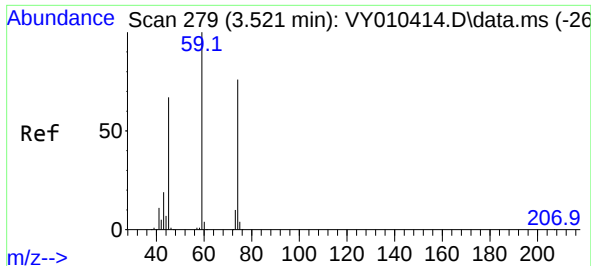
Tgt Ion: 64 Resp: 5937
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0



#7
Trichlorofluoromethane
Concen: 3.002 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.012 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:101 Resp: 11411
Ion Ratio Lower Upper
101 100
103 59.5 48.0 72.0

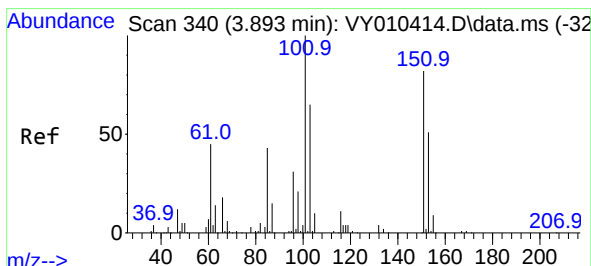
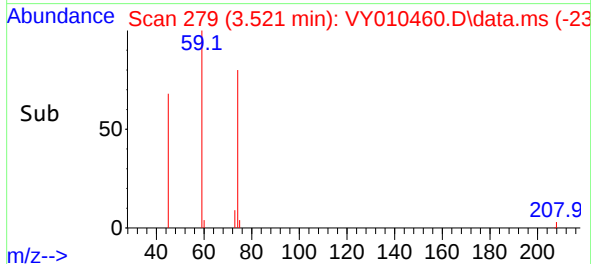
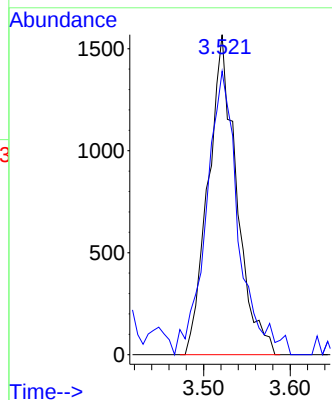
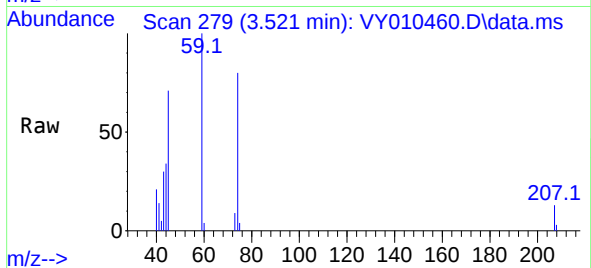




#8
Diethyl Ether
Concen: 2.899 ug/l
RT: 3.521 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

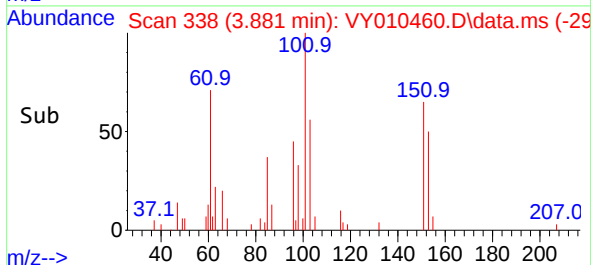
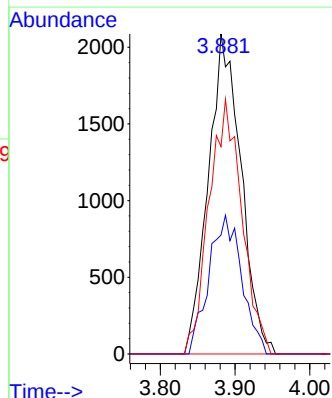
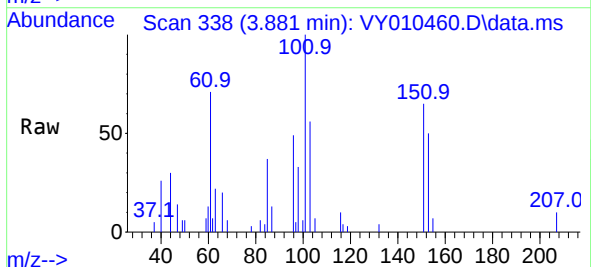
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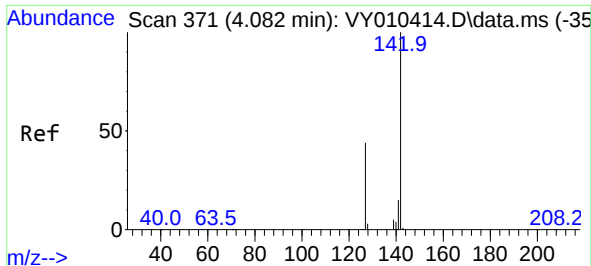
Tgt Ion: 74 Resp: 3569
Ion Ratio Lower Upper
74 100
45 100.6 55.1 165.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.853 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.012 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 101 Resp: 6349
Ion Ratio Lower Upper
101 100
85 43.5 40.6 60.8
151 79.7 64.9 97.3

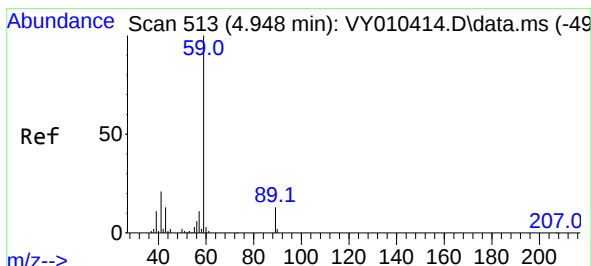
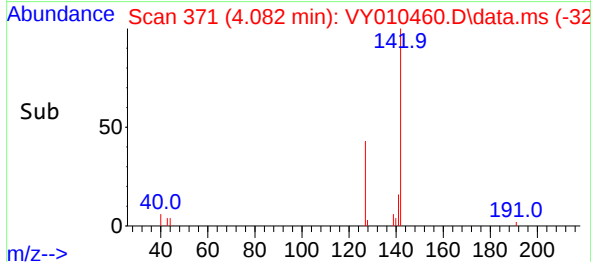
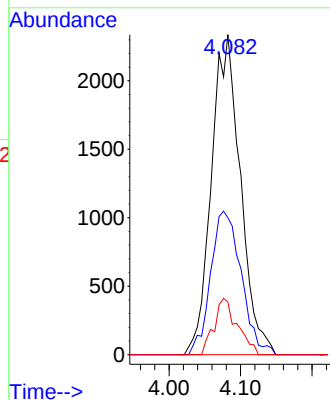
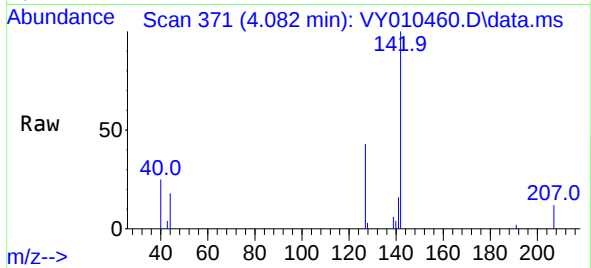




#10
Methyl Iodide
Concen: 2.392 ug/l
RT: 4.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

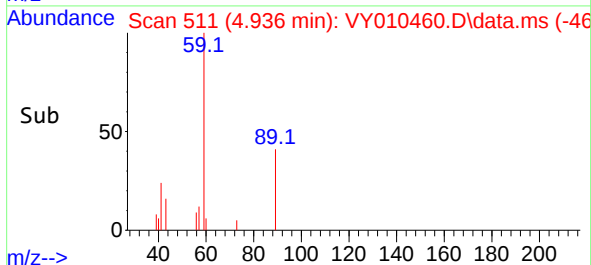
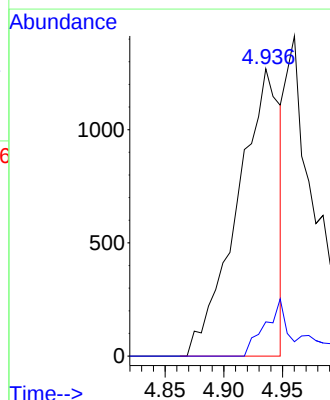
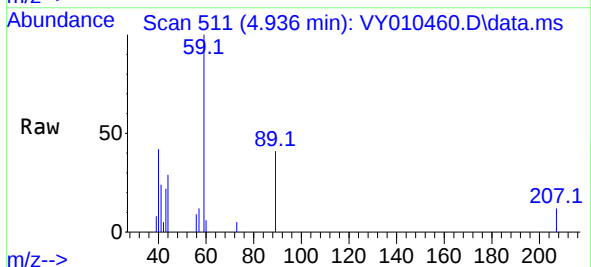
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

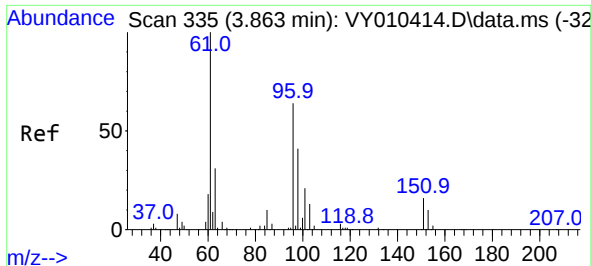
Tgt Ion:142 Resp: 6589
Ion Ratio Lower Upper
142 100
127 47.2 41.5 62.3
141 14.1 11.9 17.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 59 Resp: 3186
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#

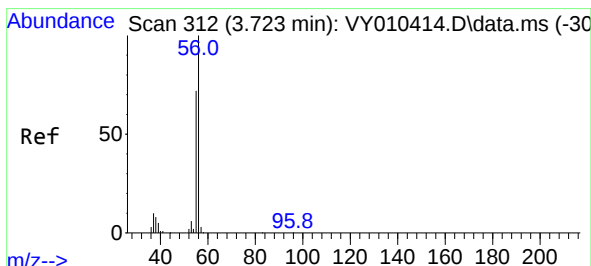
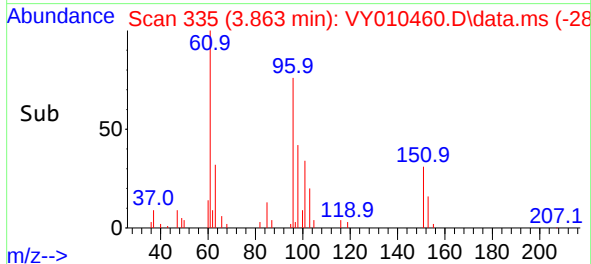
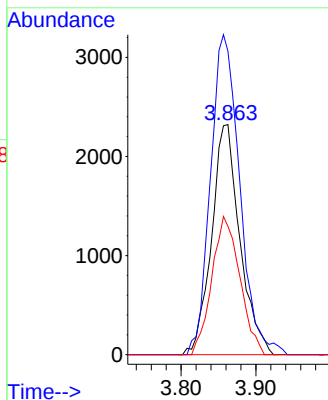
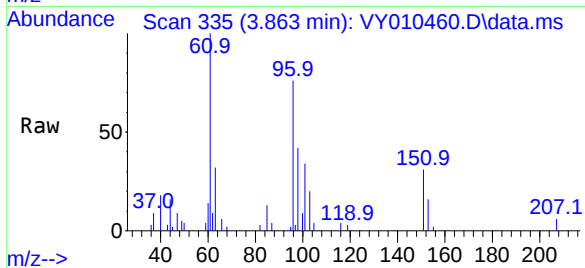




#12
1,1-Dichloroethene
Concen: 2.927 ug/l
RT: 3.863 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

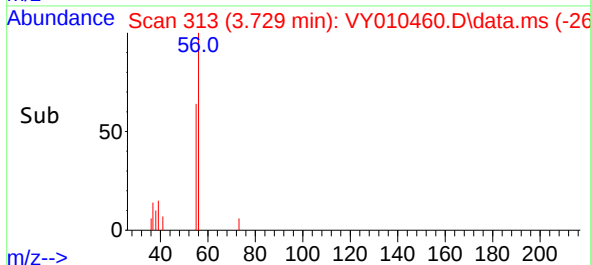
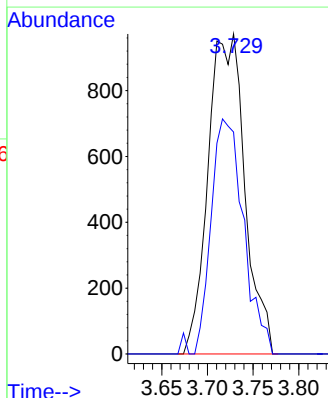
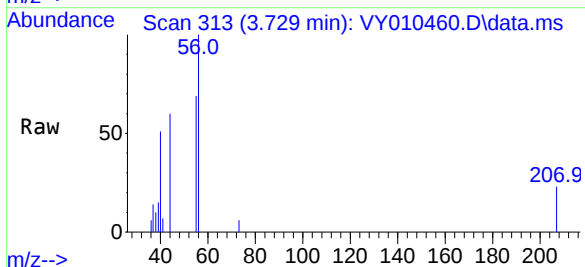
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

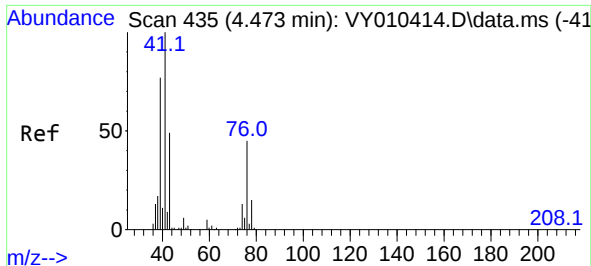
Tgt Ion: 96 Resp: 6112
Ion Ratio Lower Upper
96 100
61 131.9 145.8 218.6#
98 55.8 52.5 78.7



#13
Acrolein
Concen: 13.046 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 56 Resp: 2714
Ion Ratio Lower Upper
56 100
55 64.7 57.6 86.4

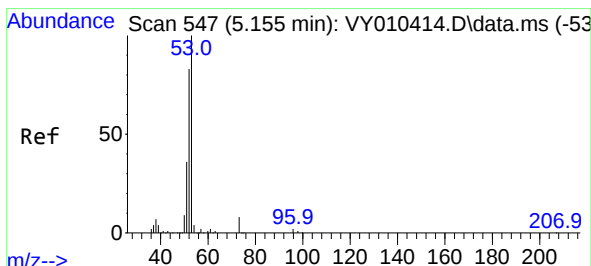
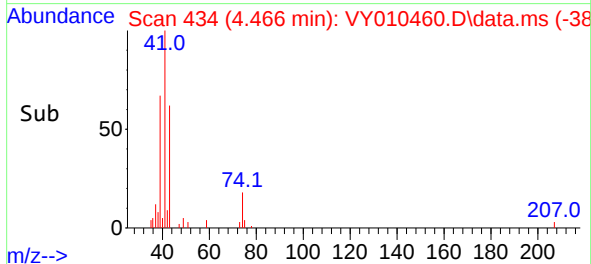
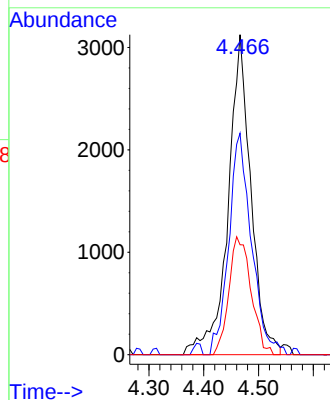
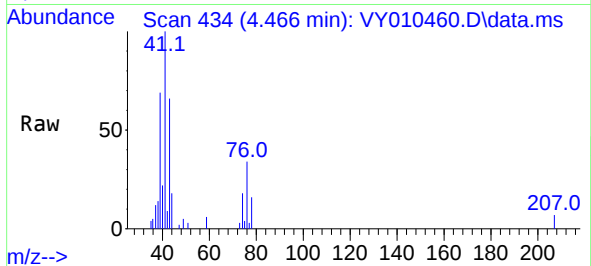




#14
 Allyl chloride
 Concen: 2.998 ug/l
 RT: 4.466 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VY010460.D
 Acq: 13 Sep 2022 15:44

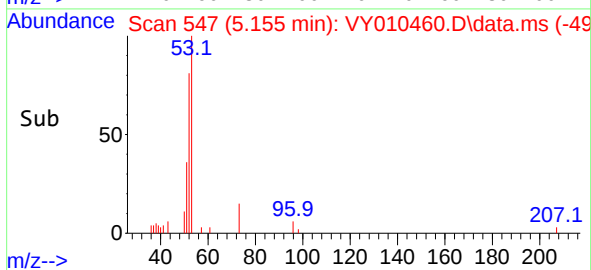
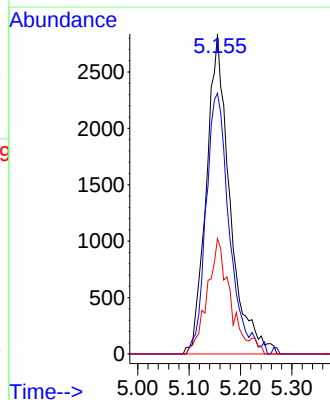
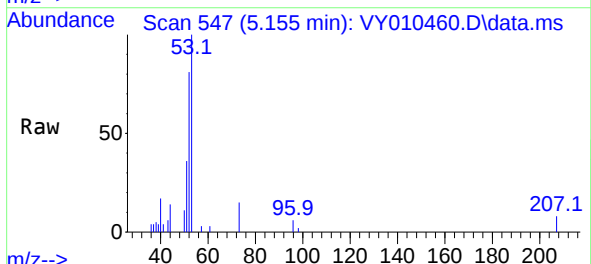
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

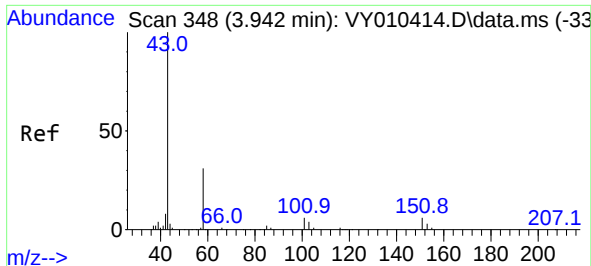
Tgt Ion:	41	Resp:	9014
Ion	Ratio	Lower	Upper
41	100		
39	69.0	58.8	88.2
76	36.0	25.1	37.7



#15
 Acrylonitrile
 Concen: 15.138 ug/l
 RT: 5.155 min Scan# 547
 Delta R.T. 0.000 min
 Lab File: VY010460.D
 Acq: 13 Sep 2022 15:44

Tgt Ion:	53	Resp:	9022
Ion	Ratio	Lower	Upper
53	100		
52	80.8	67.0	100.4
51	34.2	29.8	44.6

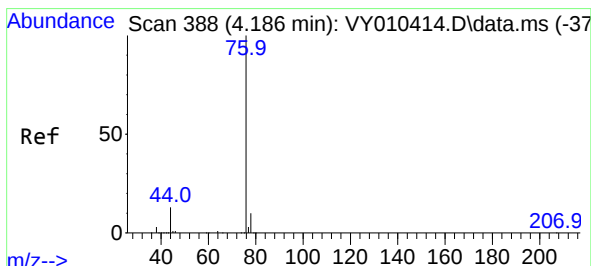
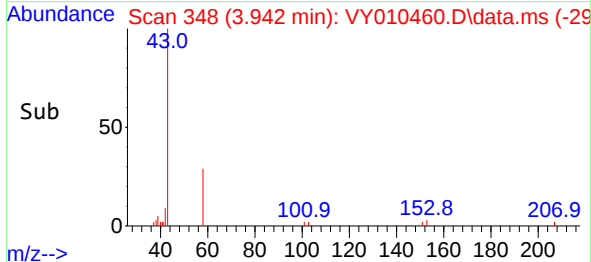
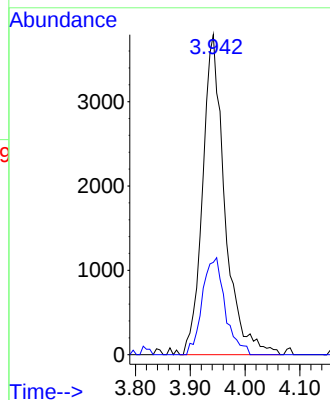
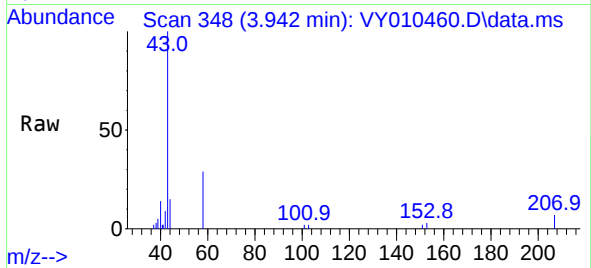




#16
Acetone
Concen: 21.334 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

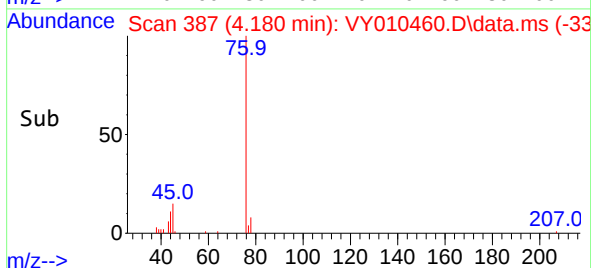
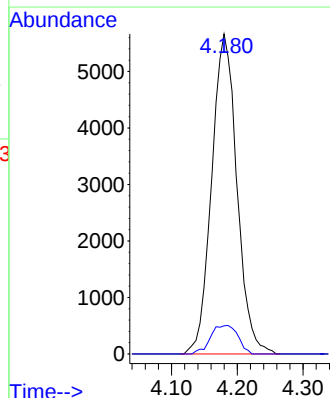
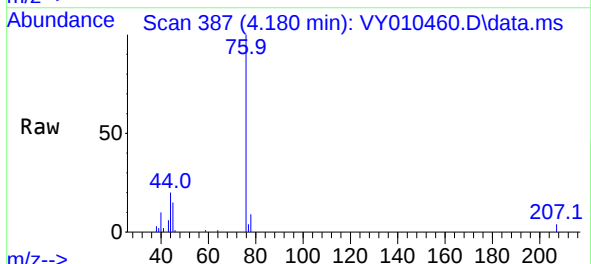
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

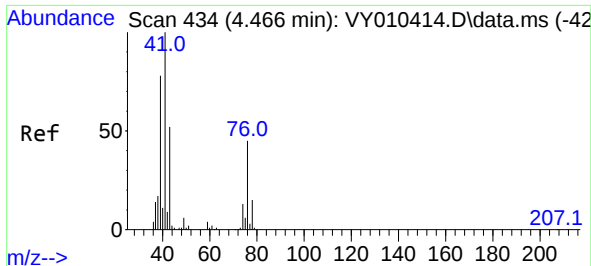
Tgt Ion: 43 Resp: 10676
Ion Ratio Lower Upper
43 100
58 28.9 22.0 33.0



#17
Carbon Disulfide
Concen: 2.679 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 76 Resp: 15127
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

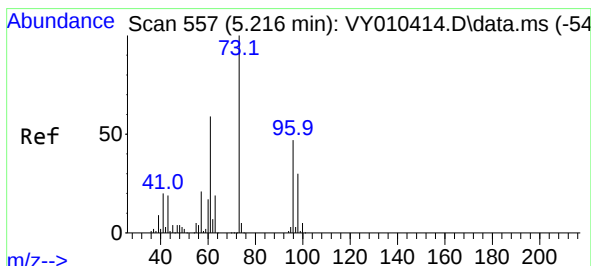
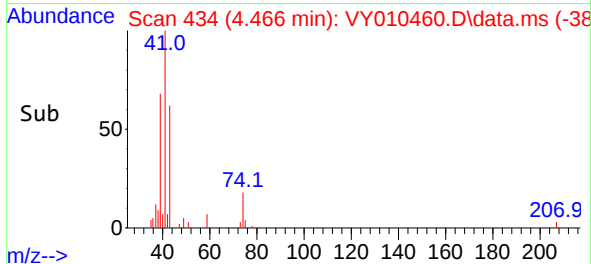
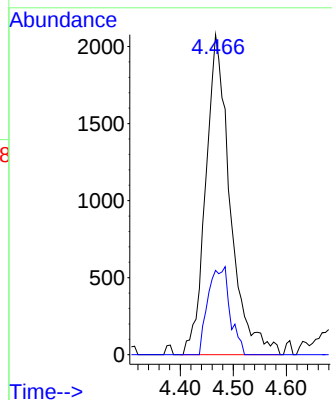
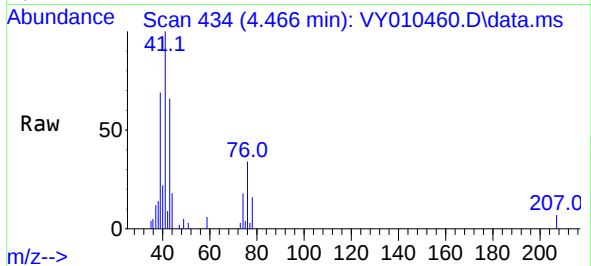




#18
Methyl Acetate
Concen: 4.330 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

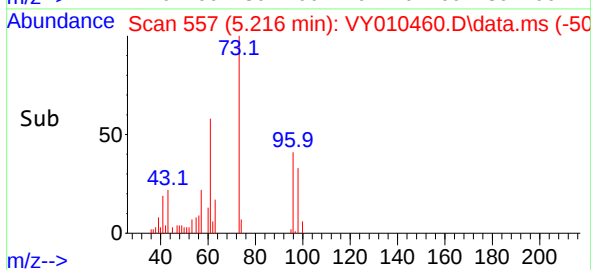
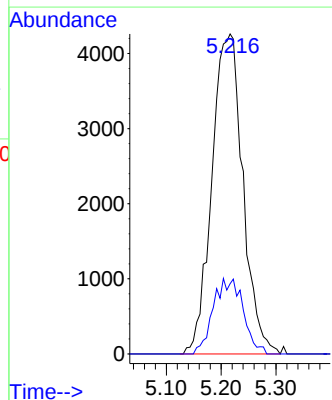
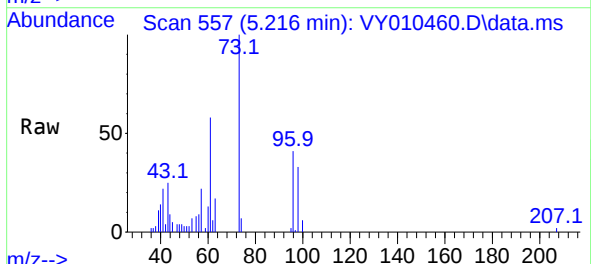
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

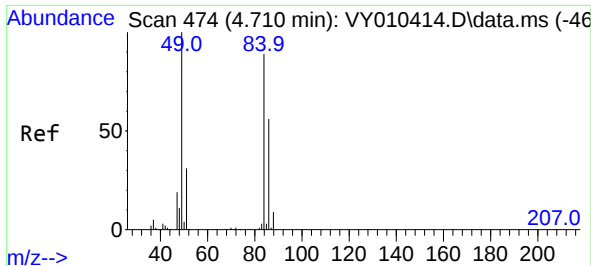
Tgt Ion: 43 Resp: 6666
Ion Ratio Lower Upper
43 100
74 24.4 16.6 24.8



#19
Methyl tert-butyl Ether
Concen: 2.901 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 73 Resp: 16728
Ion Ratio Lower Upper
73 100
57 21.9 18.6 27.8

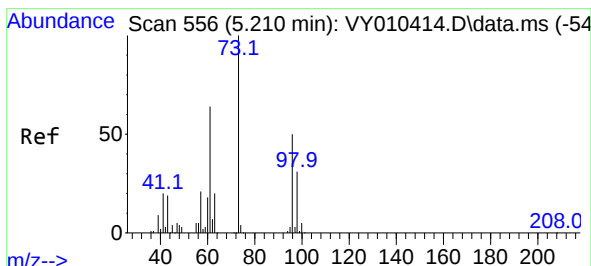
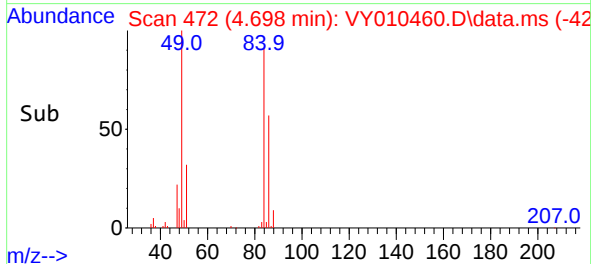
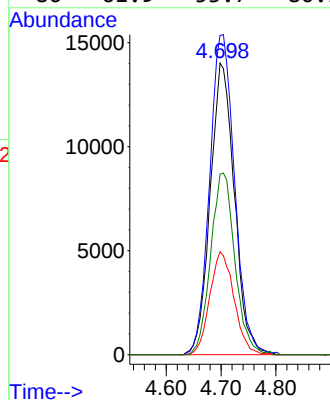
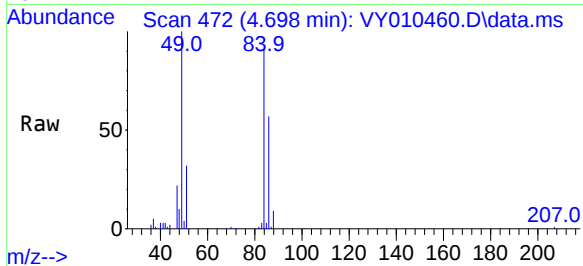




#20
Methylene Chloride
Concen: 12.617 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

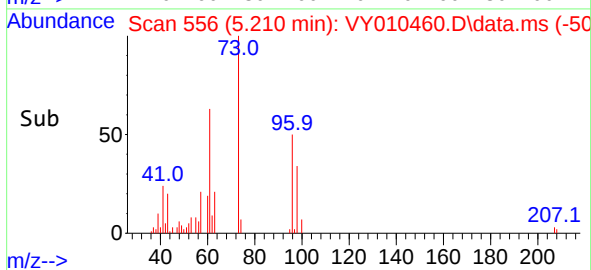
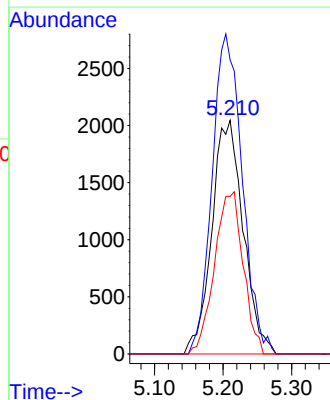
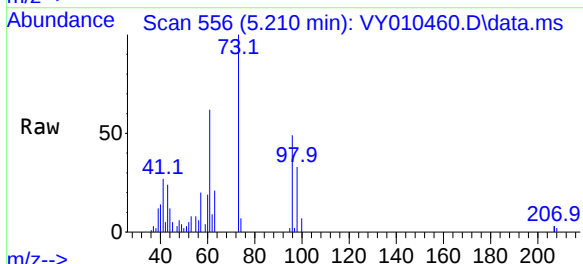
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

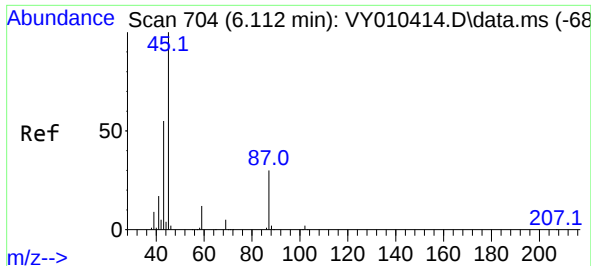
Tgt Ion: 84 Resp: 43019
Ion Ratio Lower Upper
84 100
49 109.5 114.4 171.6#
51 35.3 35.3 52.9#
86 61.9 53.7 80.5



#21
trans-1,2-Dichloroethene
Concen: 2.743 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 96 Resp: 6504
Ion Ratio Lower Upper
96 100
61 125.9 120.5 180.7
98 67.4 49.8 74.8





#22

Diisopropyl ether

Concen: 2.696 ug/l

RT: 6.106 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY010460.D

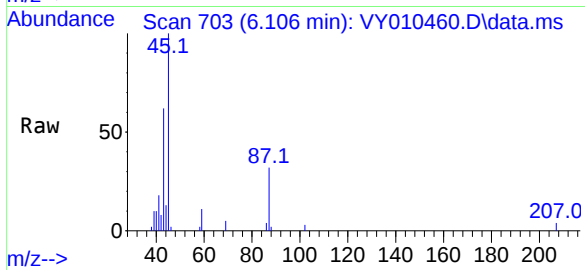
Acq: 13 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 45 Resp: 18095

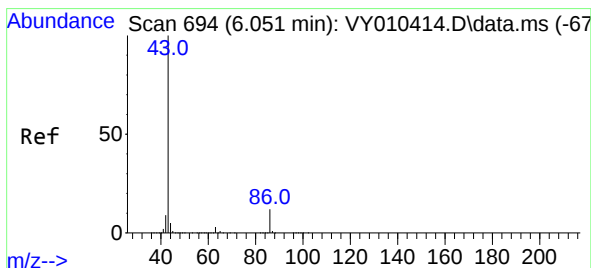
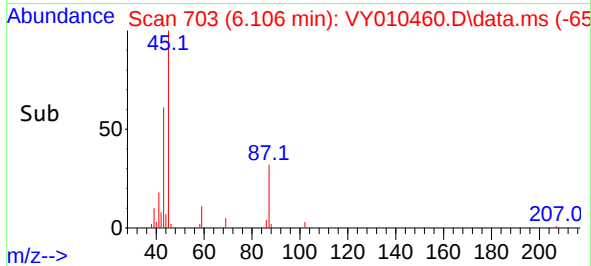
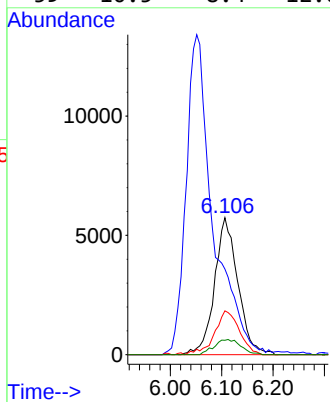
Ion Ratio Lower Upper

45 100

43 60.1 49.3 73.9

87 32.0 19.2 28.8#

59 10.5 8.4 12.6



#23

Vinyl Acetate

Concen: 11.888 ug/l

RT: 6.051 min Scan# 694

Delta R.T. 0.000 min

Lab File: VY010460.D

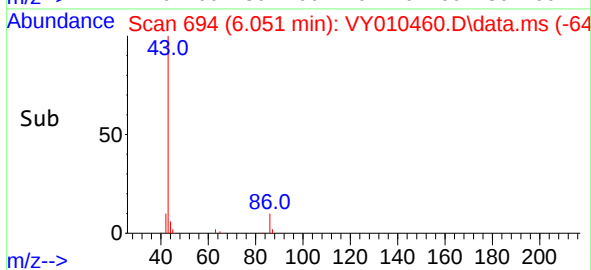
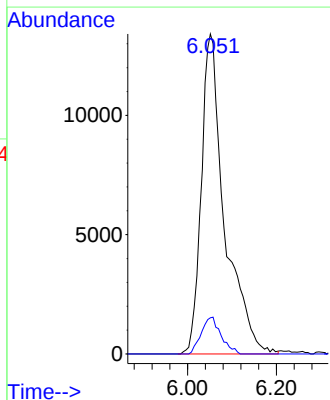
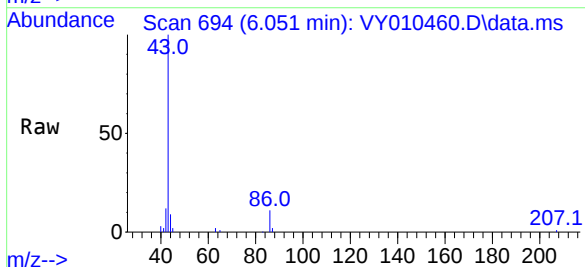
Acq: 13 Sep 2022 15:44

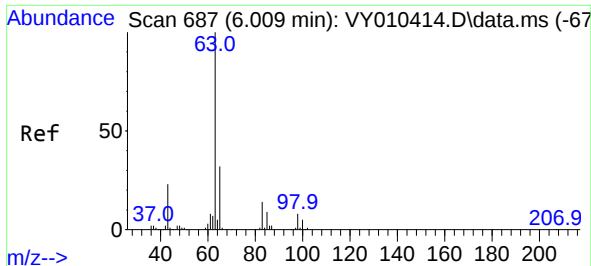
Tgt Ion: 43 Resp: 48900

Ion Ratio Lower Upper

43 100

86 11.3 7.1 10.7#

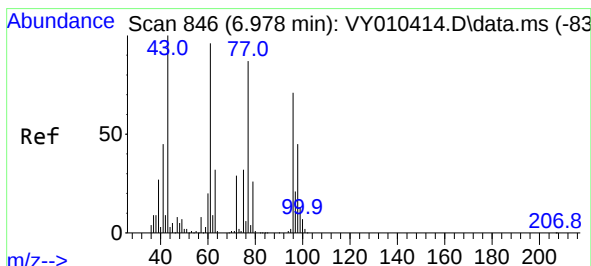
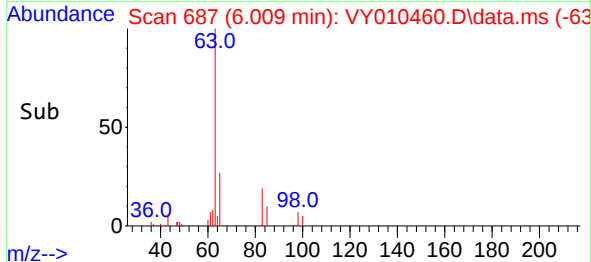
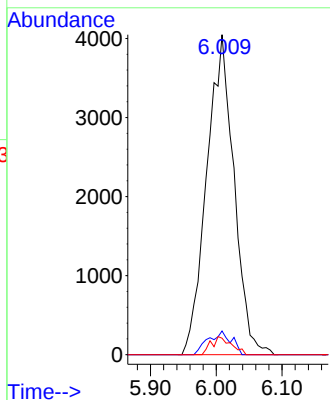
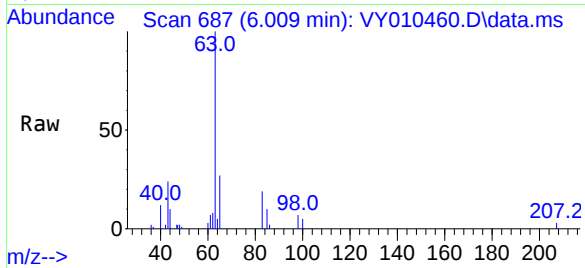




#24
1,1-Dichloroethane
Concen: 2.874 ug/l
RT: 6.009 min Scan# 61
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

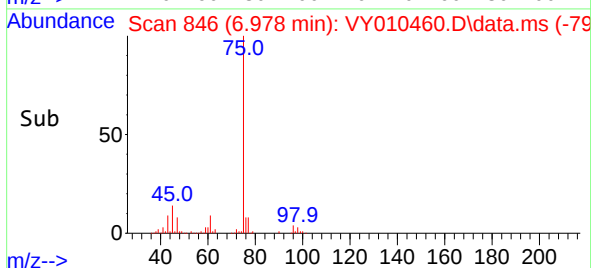
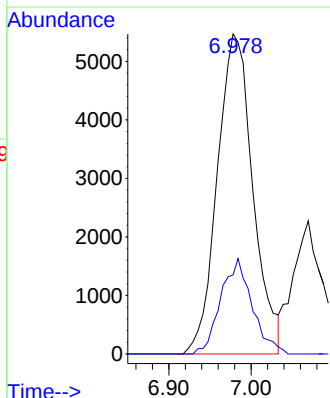
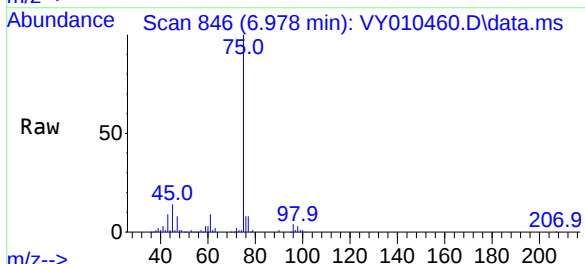
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

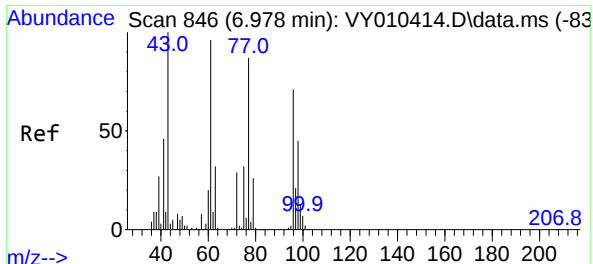
Tgt Ion:	63	Resp:	11680
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.6	10.8
100	5.2	2.0	5.8



#25
2-Butanone
Concen: 20.714 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:	43	Resp:	16473
Ion	Ratio	Lower	Upper
43	100		
72	24.7	17.7	26.5

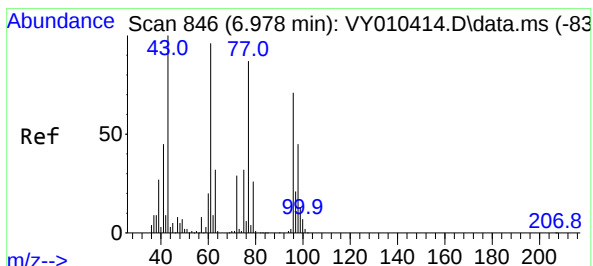
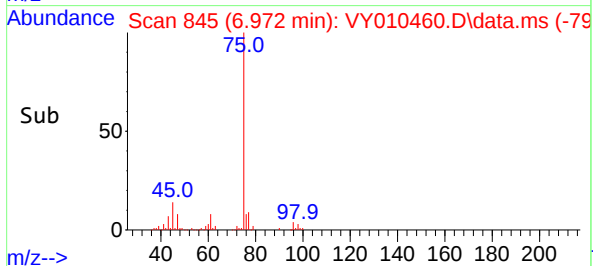
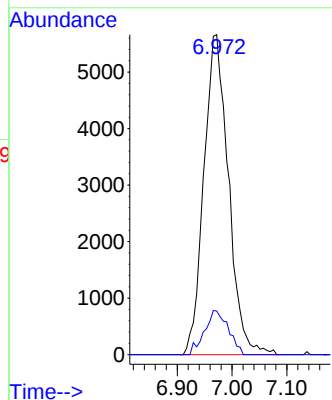
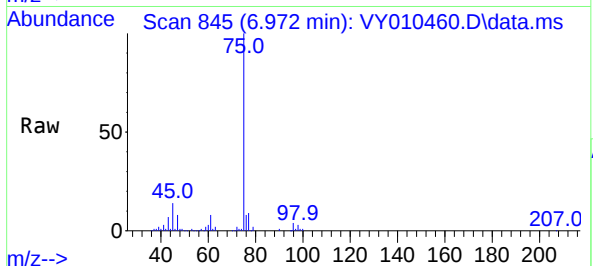




#26
2,2-Dichloropropane
Concen: 4.554 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

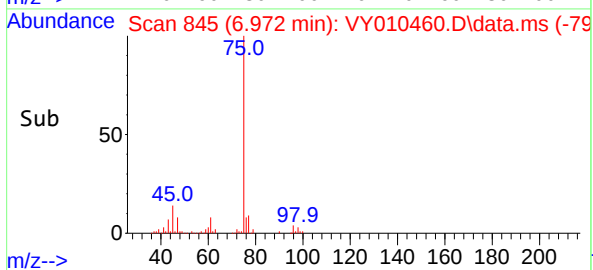
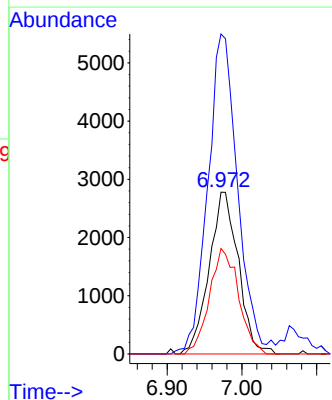
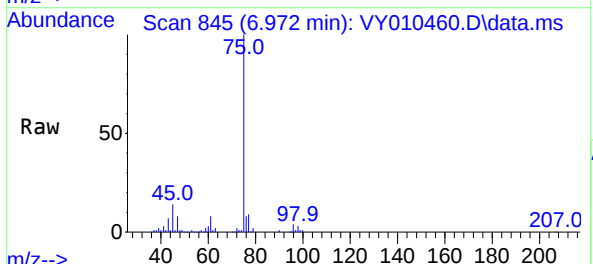
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

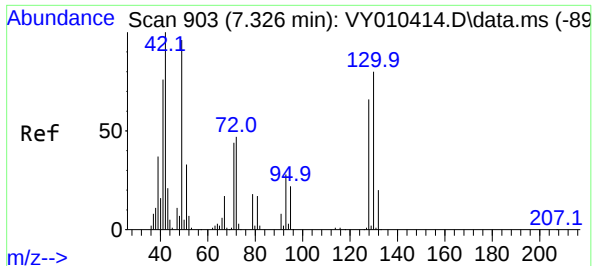
Tgt Ion: 77 Resp: 17661
Ion Ratio Lower Upper
77 100
97 13.3 10.4 31.4



#27
cis-1,2-Dichloroethene
Concen: 2.738 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 96 Resp: 7546
Ion Ratio Lower Upper
96 100
61 201.0 0.0 319.8
98 65.1 0.0 127.0

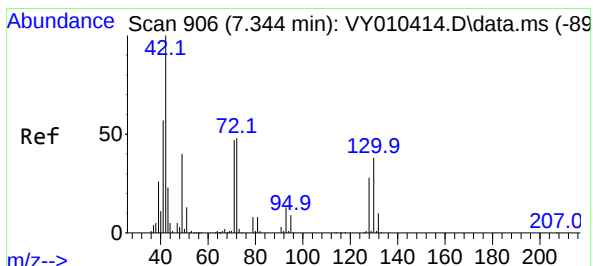
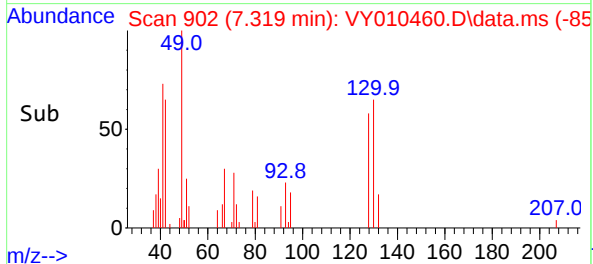
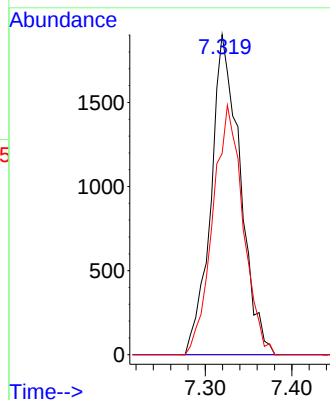
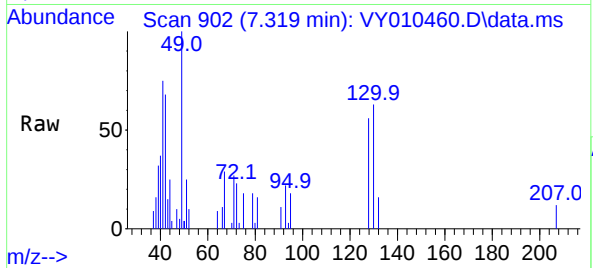




#28
Bromochloromethane
Concen: 3.429 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.007 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

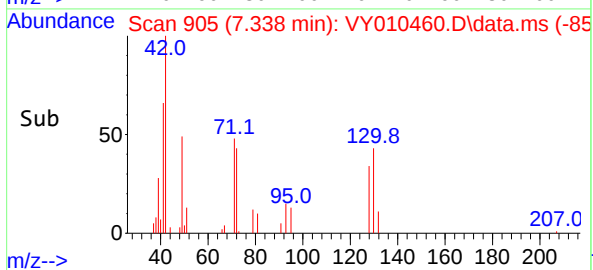
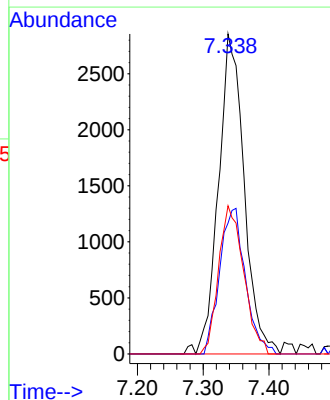
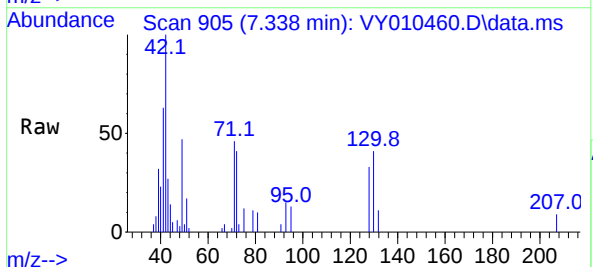
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

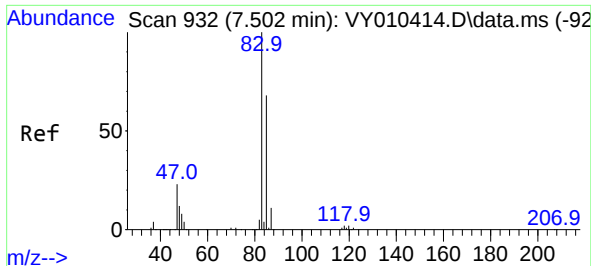
Tgt Ion: 49 Resp: 4467
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 80.8 55.4 83.0



#29
Tetrahydrofuran
Concen: 15.636 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 42 Resp: 7761
Ion Ratio Lower Upper
42 100
72 45.7 30.3 45.5#
71 45.2 29.0 43.4#

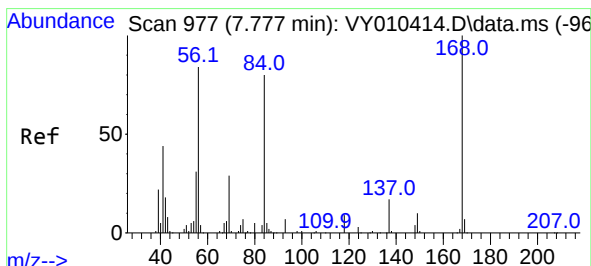
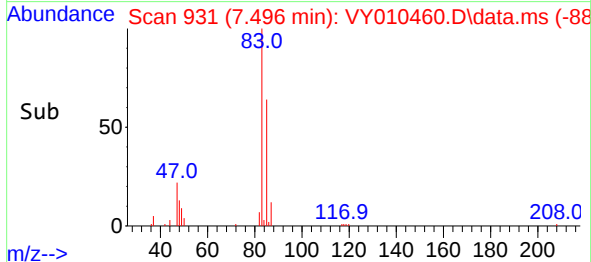
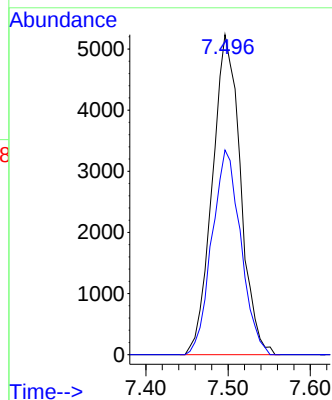
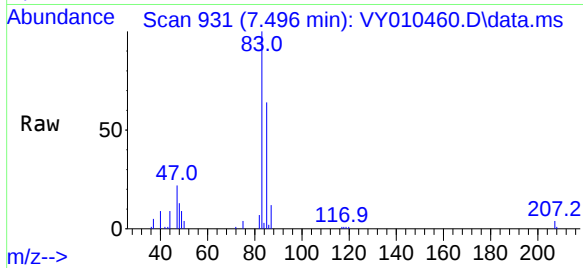




#30
Chloroform
Concen: 2.890 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

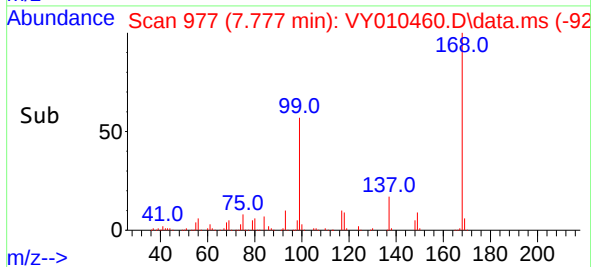
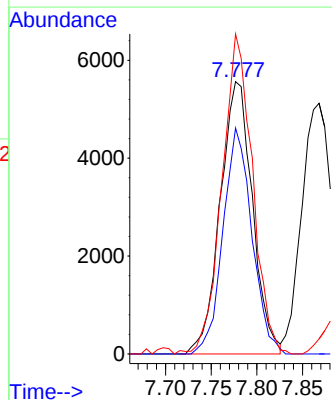
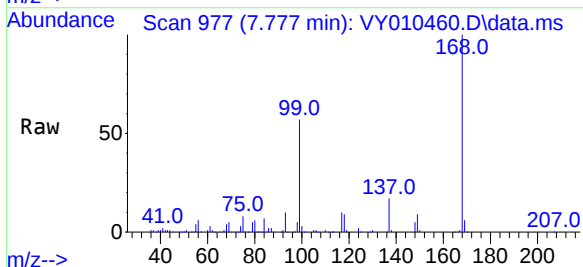
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

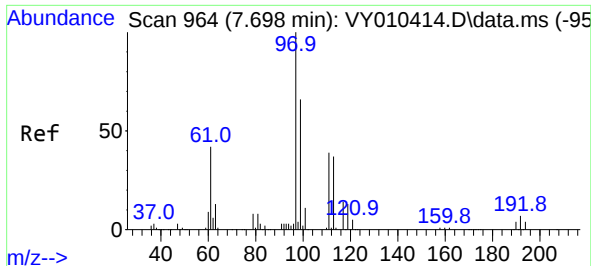
Tgt Ion: 83 Resp: 12458
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6



#31
Cyclohexane
Concen: 3.714 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 56 Resp: 13680
Ion Ratio Lower Upper
56 100
69 83.0 26.7 40.1#
84 116.2 67.2 100.8#

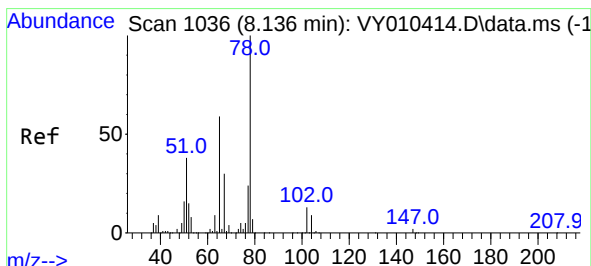
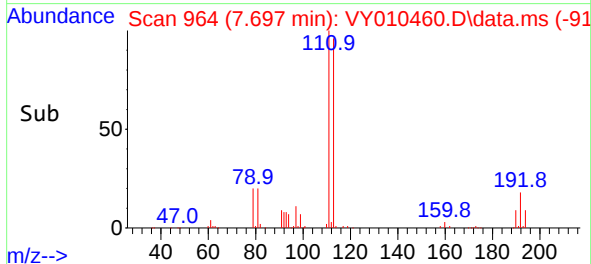
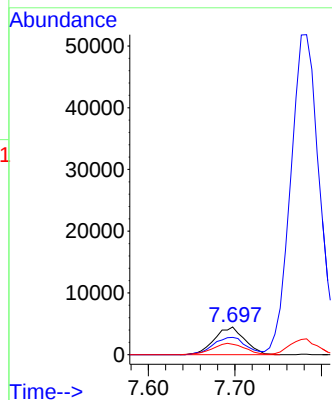
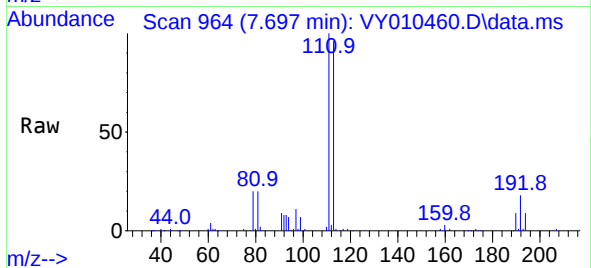




#32
1,1,1-Trichloroethane
Concen: 2.780 ug/l
RT: 7.697 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

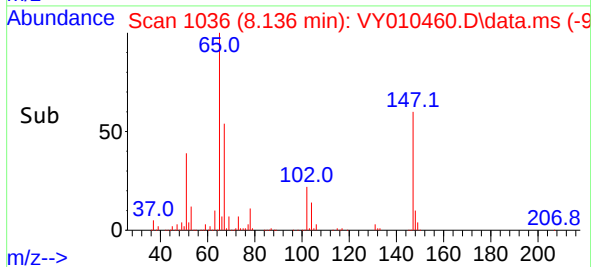
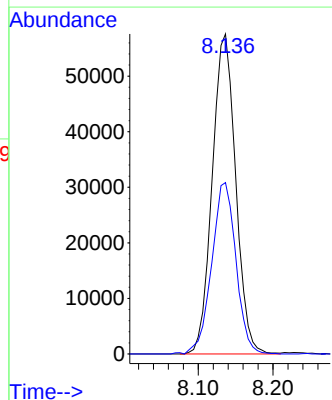
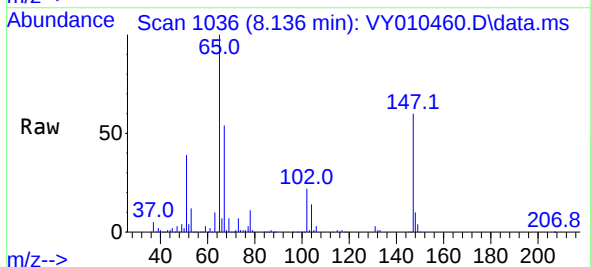
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

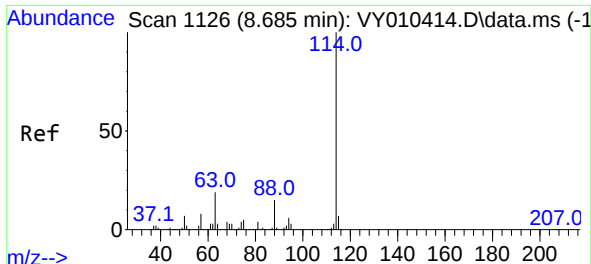
Tgt Ion: 97 Resp: 10850
Ion Ratio Lower Upper
97 100
99 68.9 50.7 76.1
61 43.8 37.6 56.4



#33
1,2-Dichloroethane-d4
Concen: 57.606 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 65 Resp: 125614
Ion Ratio Lower Upper
65 100
67 55.4 0.0 99.4

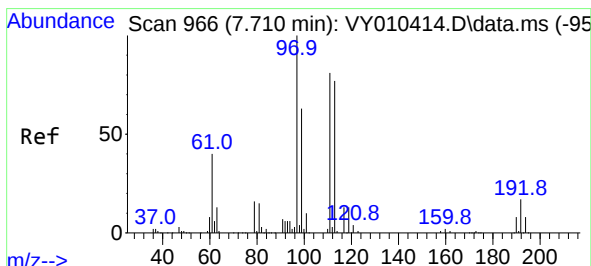
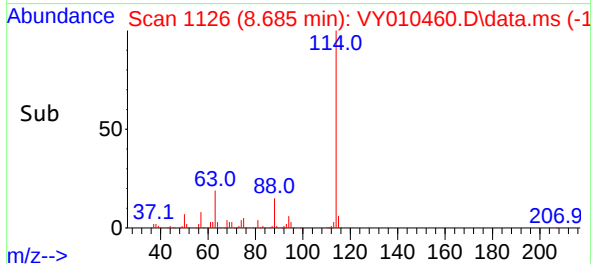
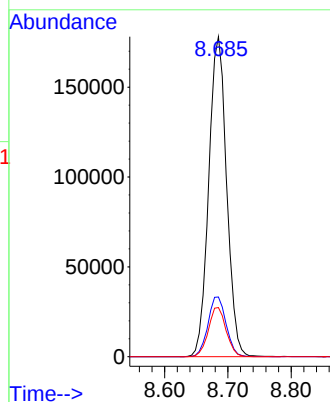
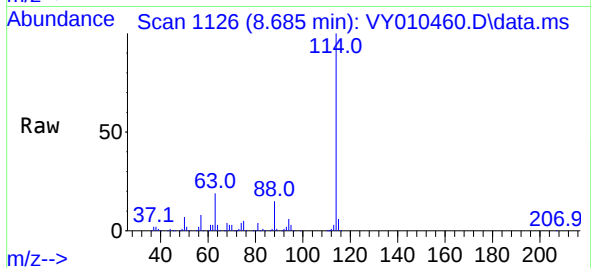




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

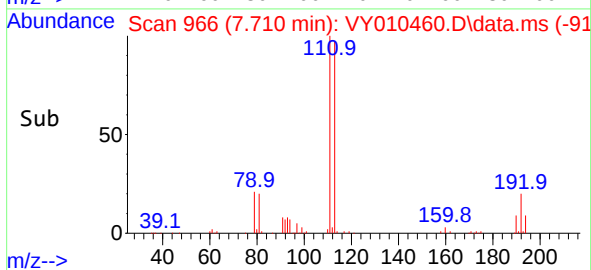
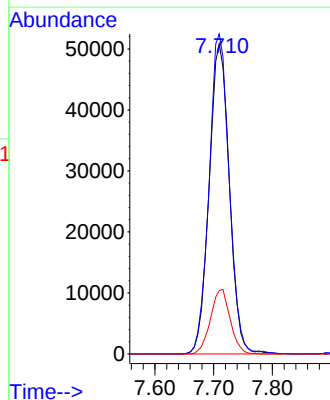
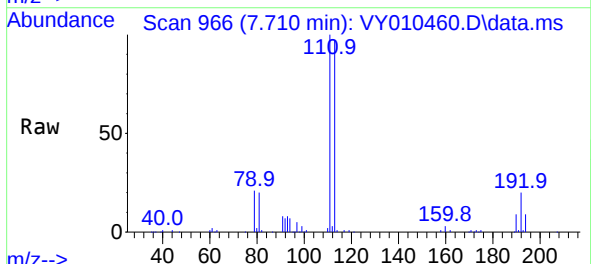
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

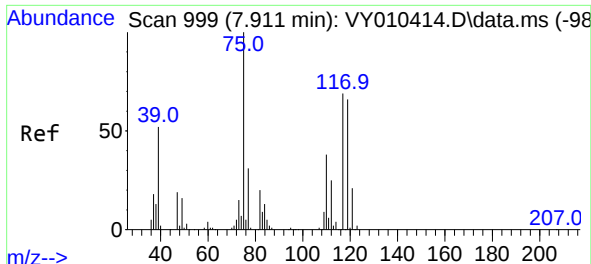
Tgt Ion:	114	Resp:	349624
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	43.2
88	15.3	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.882 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:	113	Resp:	121377
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	20.2	17.6	26.4





#36

1,1-Dichloropropene

Concen: 2.771 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY010460.D

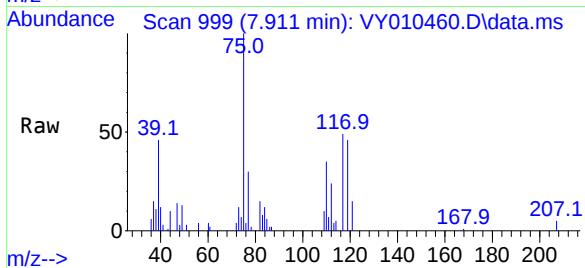
Acq: 13 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



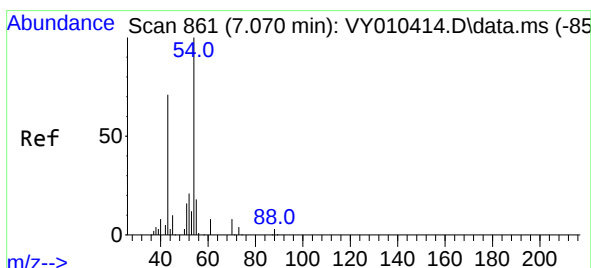
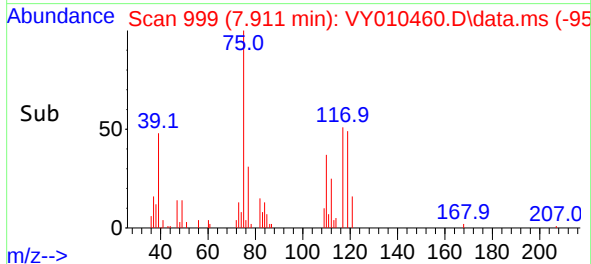
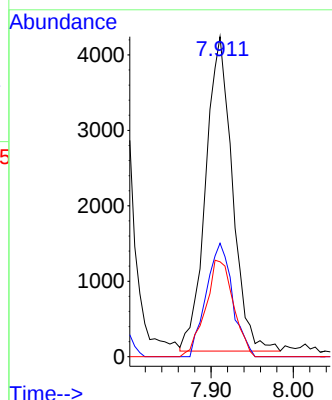
Tgt Ion: 75 Resp: 9421

Ion Ratio Lower Upper

75 100

110 35.2 17.1 51.2

77 32.0 24.4 36.6



#37

Ethyl Acetate

Concen: 3.259 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.001 min

Lab File: VY010460.D

Acq: 13 Sep 2022 15:44

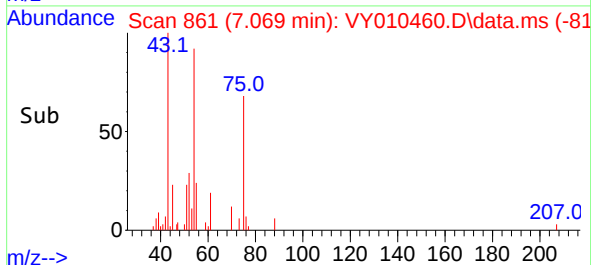
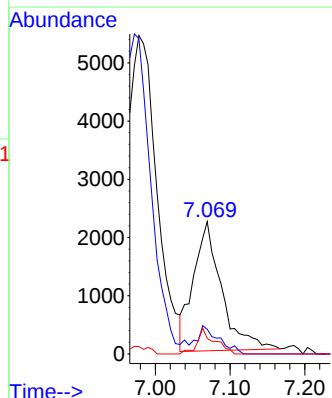
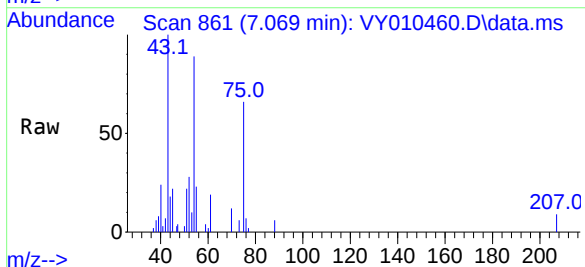
Tgt Ion: 43 Resp: 5823

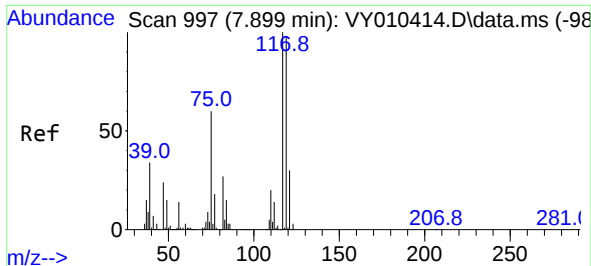
Ion Ratio Lower Upper

43 100

61 16.6 9.7 14.5#

70 12.1 7.1 10.7#

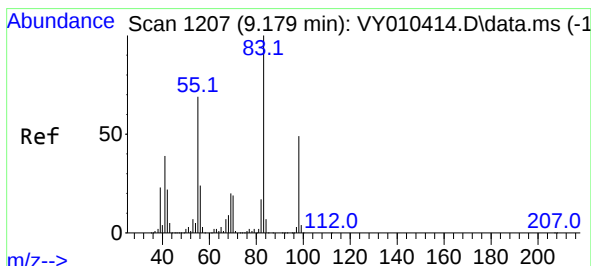
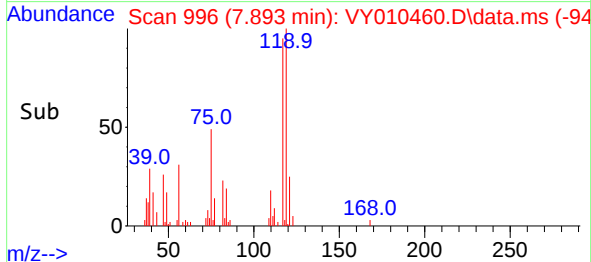
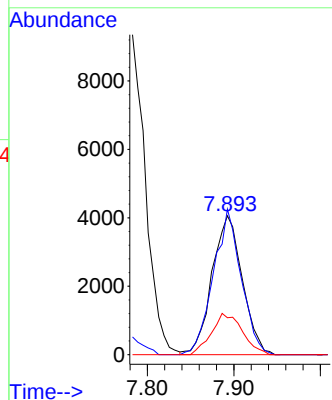
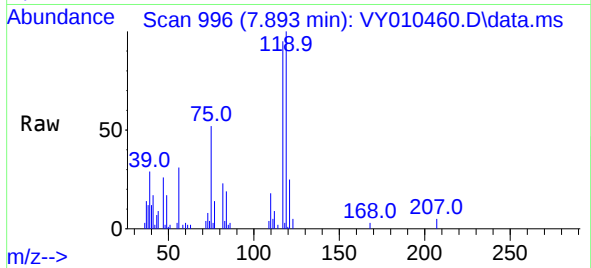




#38
Carbon Tetrachloride
Concen: 2.611 ug/l
RT: 7.893 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

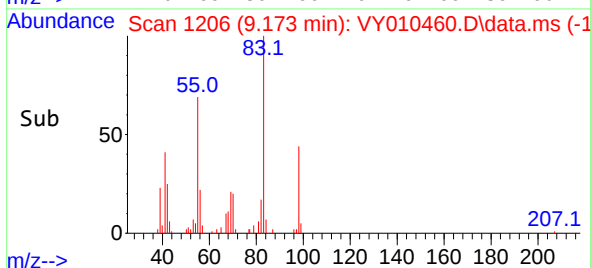
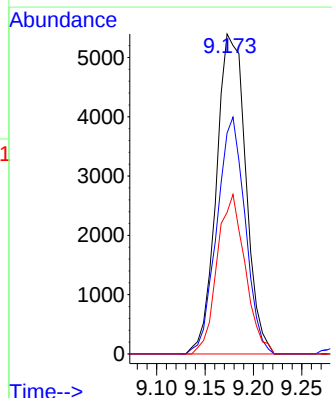
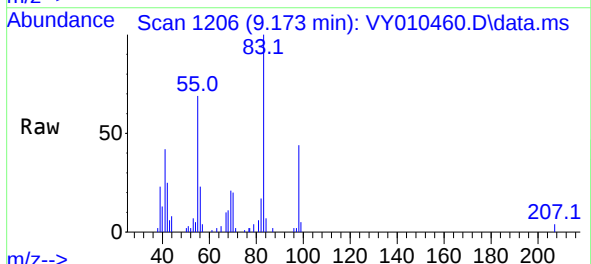
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

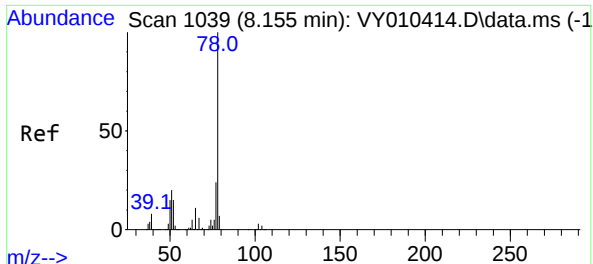
Tgt Ion:	117	Resp:	9874
Ion	Ratio	Lower	Upper
117	100		
119	104.9	77.9	116.9
121	26.6	24.8	37.2



#39
Methylcyclohexane
Concen: 2.685 ug/l
RT: 9.173 min Scan# 1206
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:	83	Resp:	11379
Ion	Ratio	Lower	Upper
83	100		
55	69.1	66.5	99.7
98	44.3	37.9	56.9

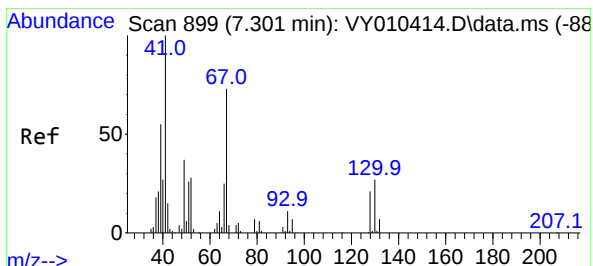
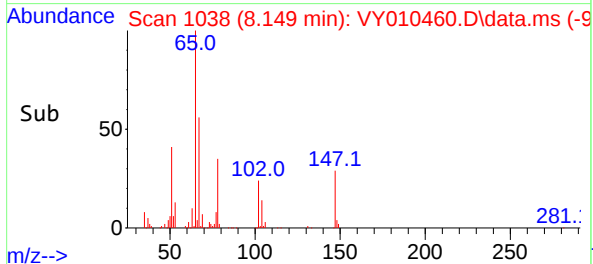
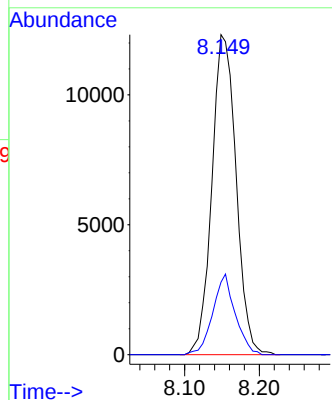
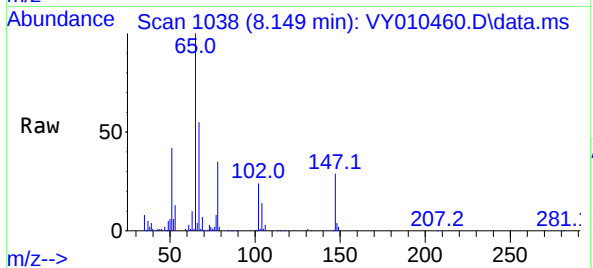




#40
Benzene
Concen: 2.829 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

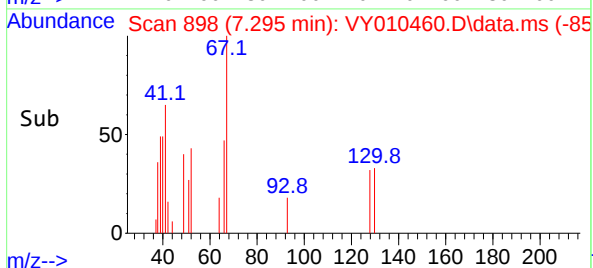
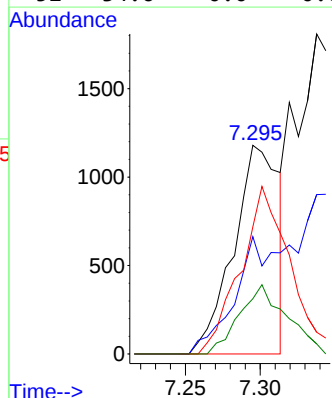
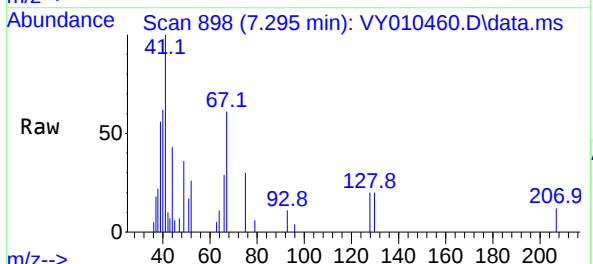
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

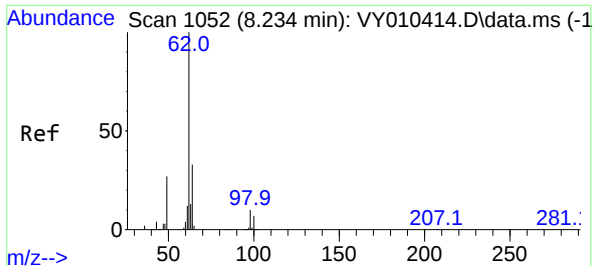
Tgt Ion: 78 Resp: 27680
Ion Ratio Lower Upper
78 100
77 22.7 20.4 30.6



#41
Methacrylonitrile
Concen: 2.434 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 41 Resp: 2487
Ion Ratio Lower Upper
41 100
39 36.1 92.9 139.3#
67 86.4 0.0 0.0#
52 34.6 0.0 0.0#

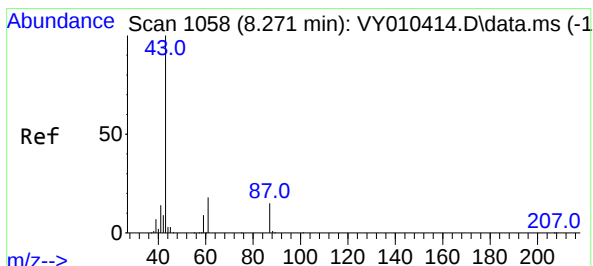
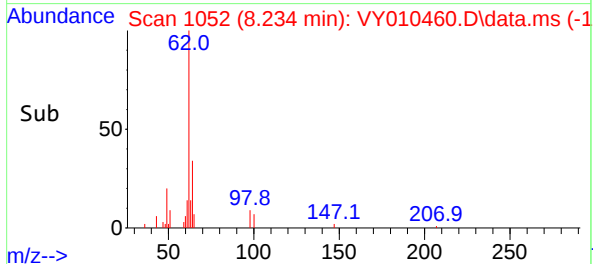
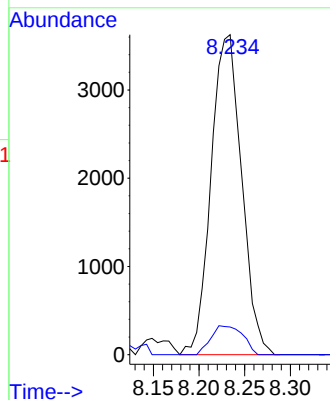
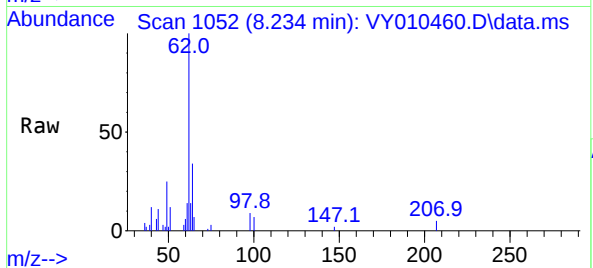




#42
1,2-Dichloroethane
Concen: 2.897 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

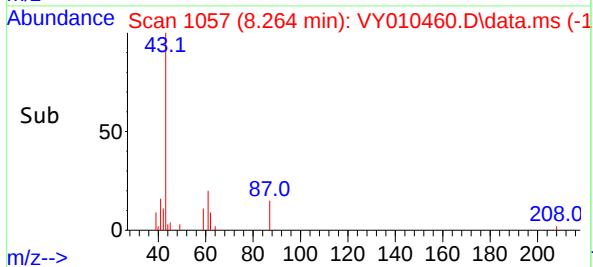
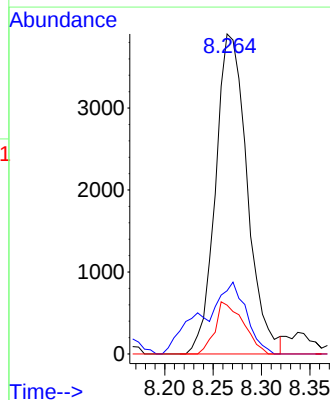
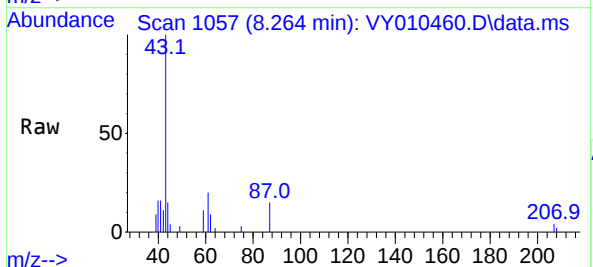
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

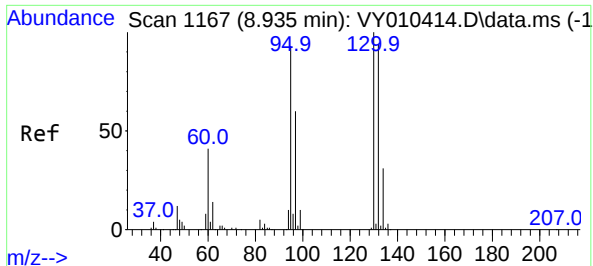
Tgt Ion: 62 Resp: 8430
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8



#43
Isopropyl Acetate
Concen: 2.717 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 43 Resp: 8886
Ion Ratio Lower Upper
43 100
61 20.2 20.2 30.2
87 14.5 8.9 13.3#

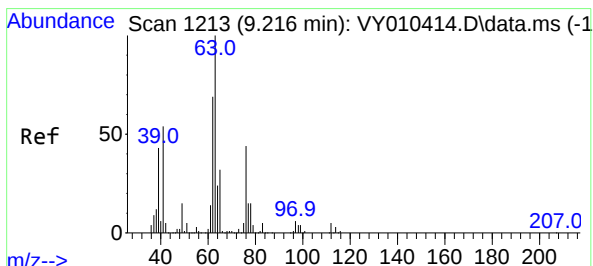
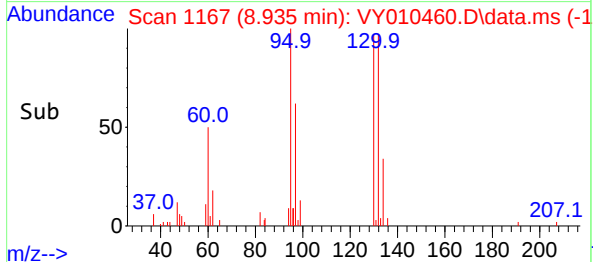
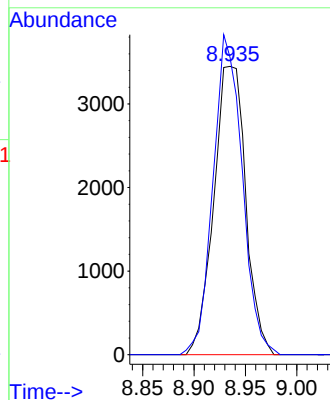
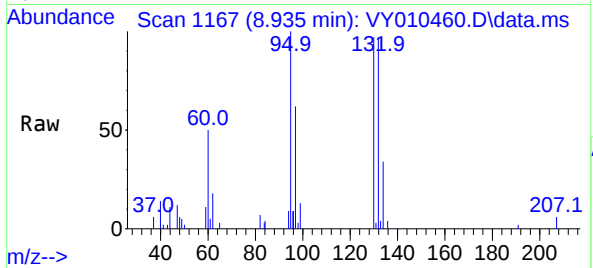




#44
Trichloroethene
Concen: 2.590 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

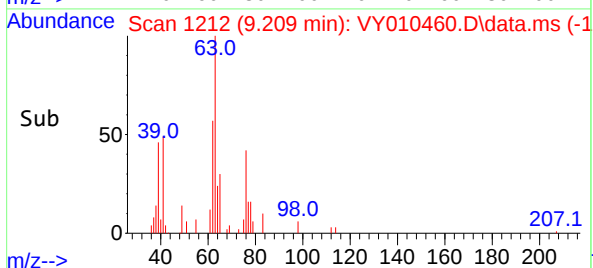
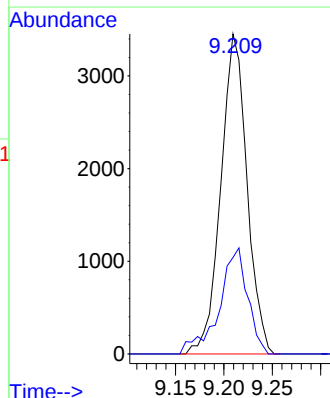
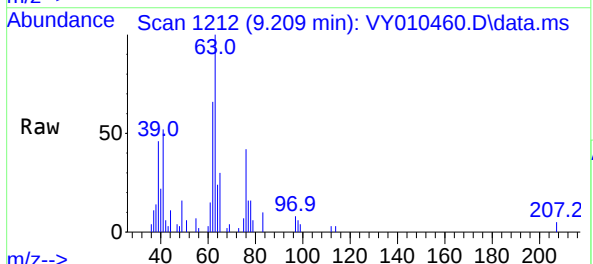
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

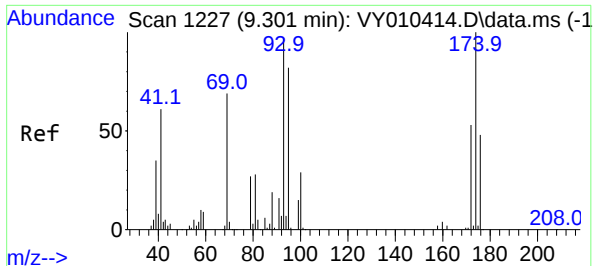
Tgt Ion:130 Resp: 7459
Ion Ratio Lower Upper
130 100
95 103.0 0.0 188.2



#45
1,2-Dichloropropane
Concen: 2.718 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.007 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 63 Resp: 6487
Ion Ratio Lower Upper
63 100
65 30.1 23.0 34.6

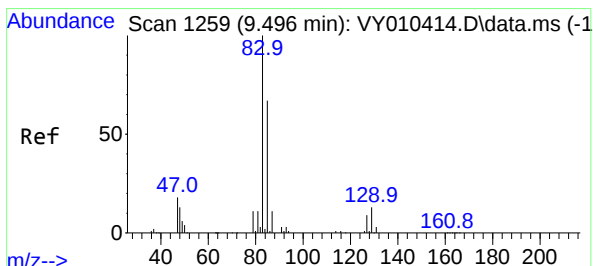
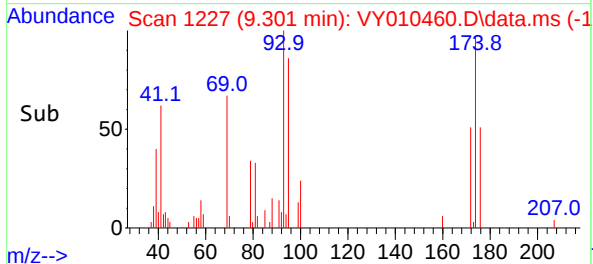
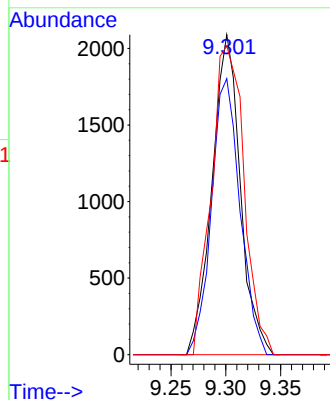
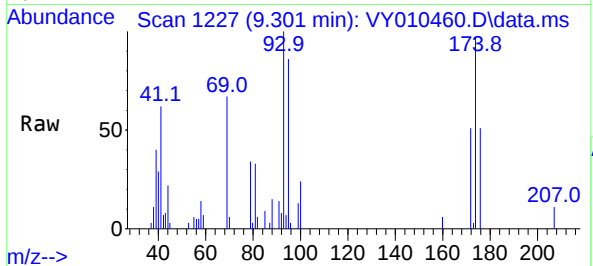




#46
Dibromomethane
Concen: 2.613 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

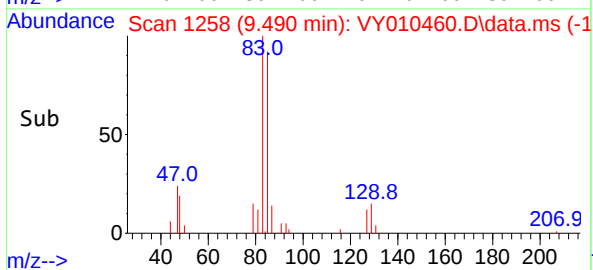
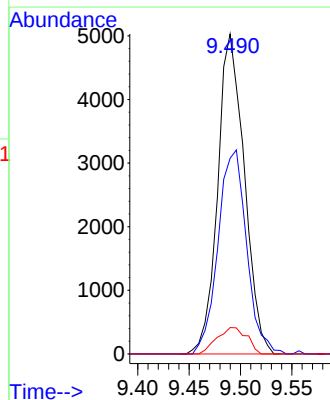
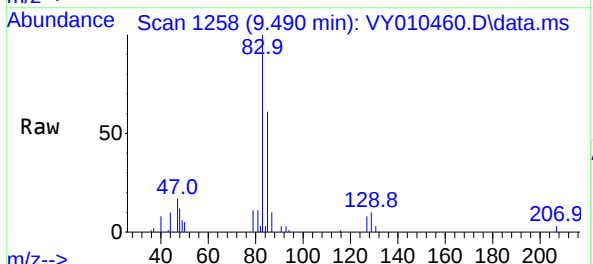
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

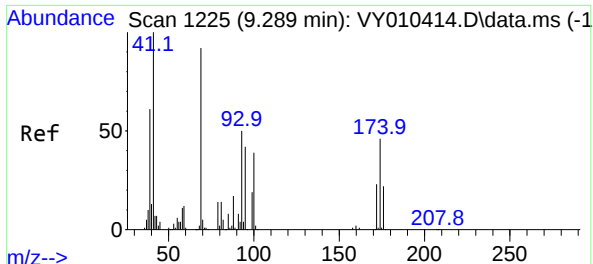
Tgt Ion: 93 Resp: 3760
Ion Ratio Lower Upper
93 100
95 87.2 64.3 96.5
174 111.9 83.4 125.0



#47
Bromodichloromethane
Concen: 2.648 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 83 Resp: 9052
Ion Ratio Lower Upper
83 100
85 61.2 51.9 77.9
127 8.3 6.6 10.0





#48

Methyl methacrylate

Concen: 2.631 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010460.D

Acq: 13 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

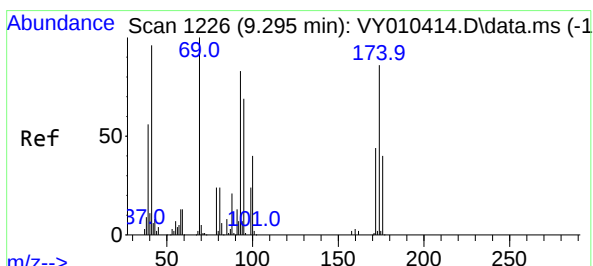
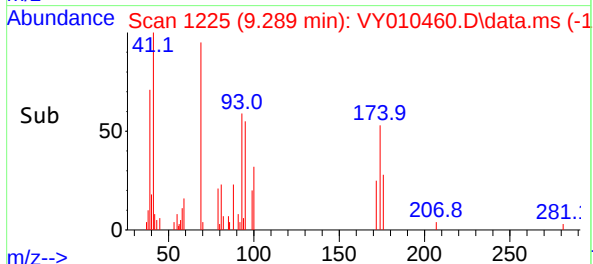
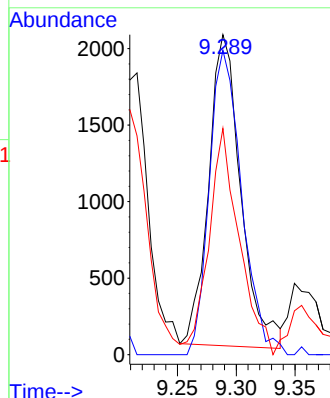
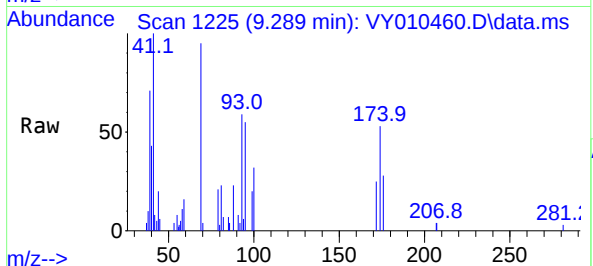
Tgt Ion: 41 Resp: 3864

Ion Ratio Lower Upper

41 100

69 98.9 58.2 87.2#

39 68.6 47.4 71.0



#49

1,4-Dioxane

Concen: 50.442 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY010460.D

Acq: 13 Sep 2022 15:44

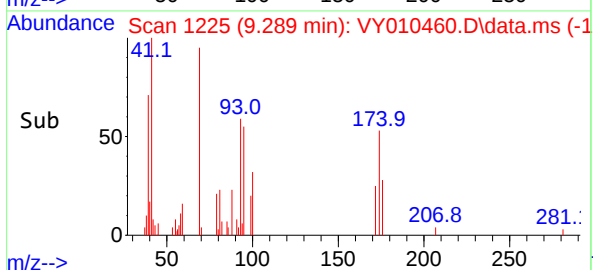
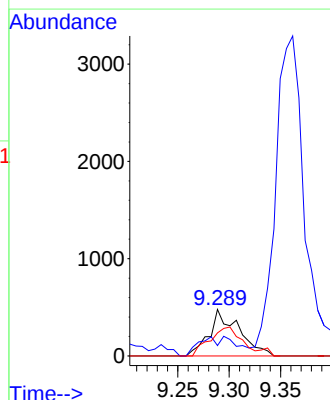
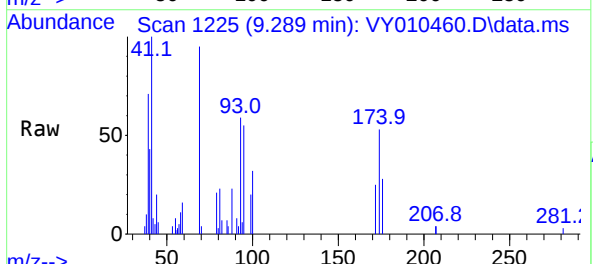
Tgt Ion: 88 Resp: 961

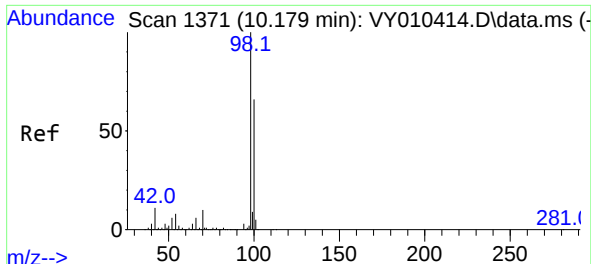
Ion Ratio Lower Upper

88 100

43 26.3 32.8 49.2#

58 71.2 59.8 89.6

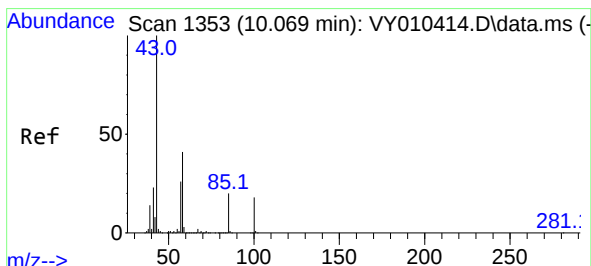
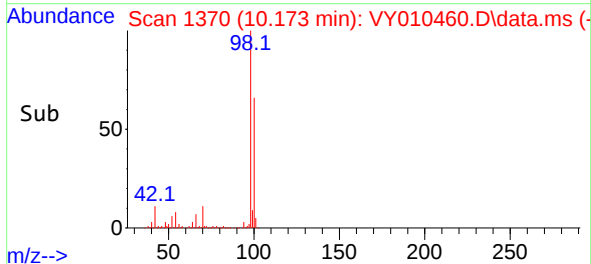
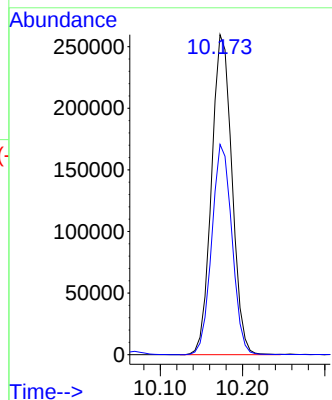
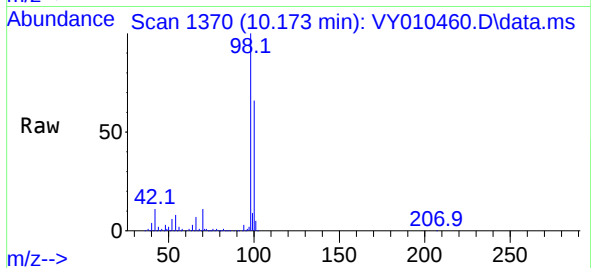




#50
Toluene-d8
Concen: 55.648 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

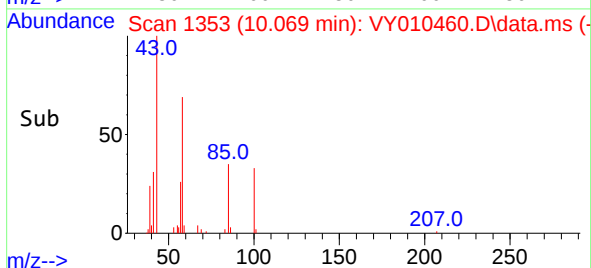
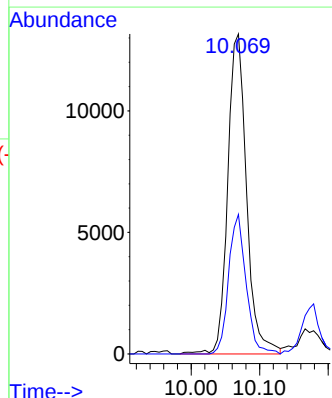
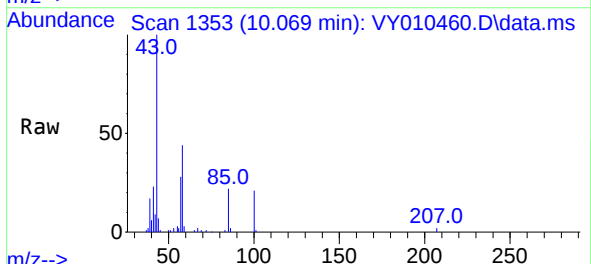
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

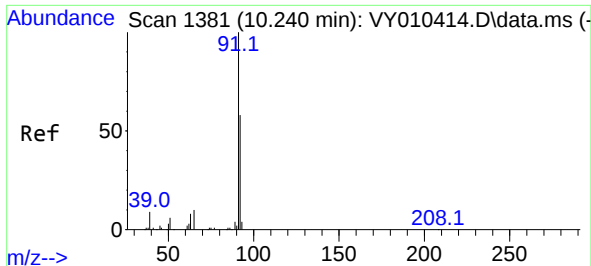
Tgt Ion: 98 Resp: 447826
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 13.994 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 43 Resp: 25102
Ion Ratio Lower Upper
43 100
58 40.4 28.1 42.1

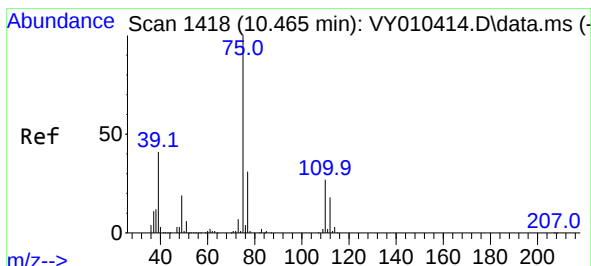
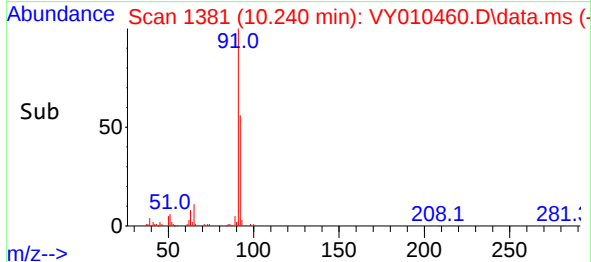
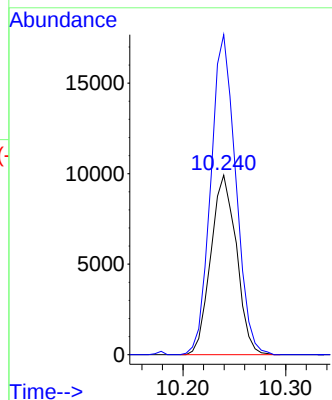
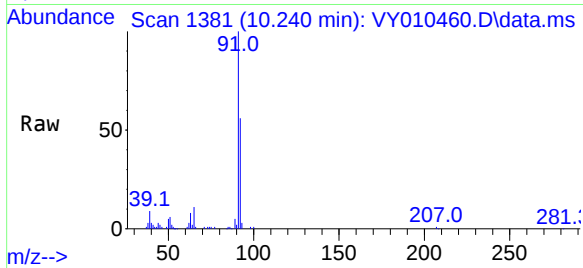




#52
Toluene
Concen: 2.682 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

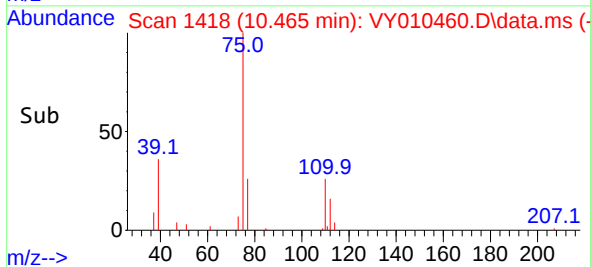
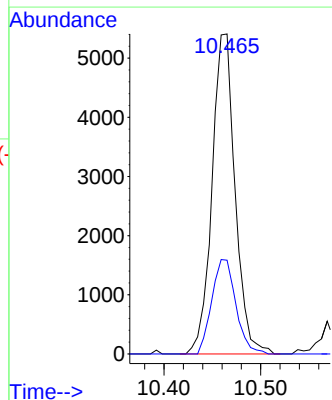
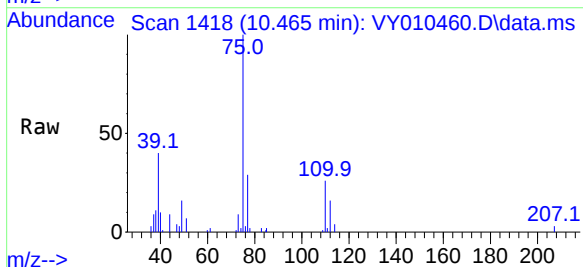
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

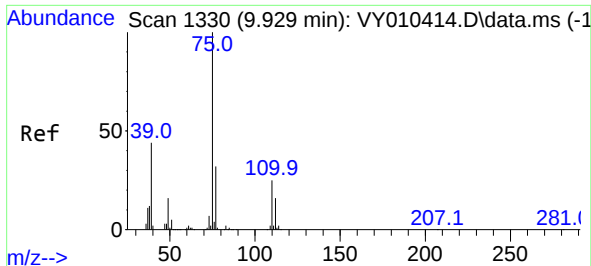
Tgt Ion: 92 Resp: 17177
Ion Ratio Lower Upper
92 100
91 173.7 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 2.547 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 75 Resp: 8959
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.2

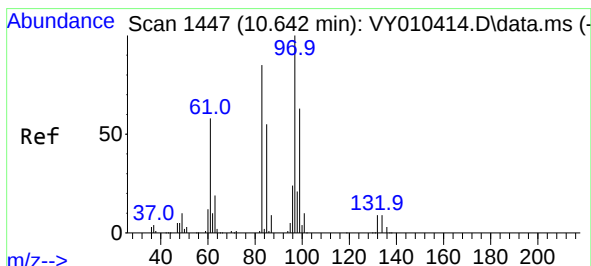
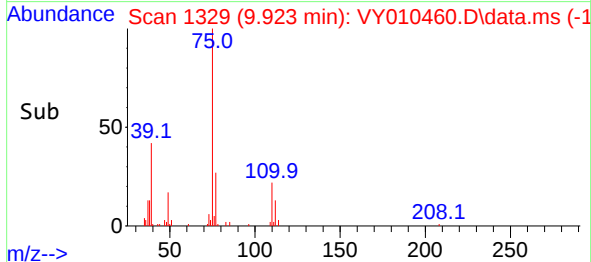
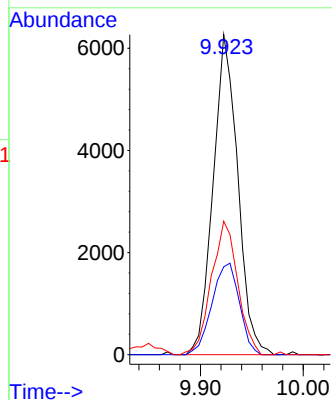
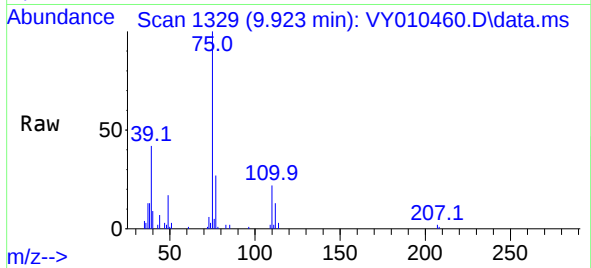




#54
cis-1,3-Dichloropropene
Concen: 2.627 ug/l
RT: 9.923 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

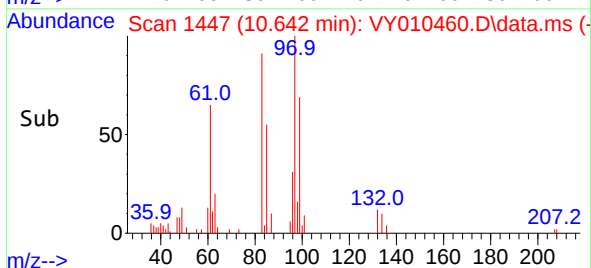
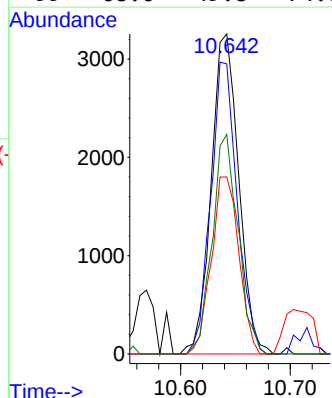
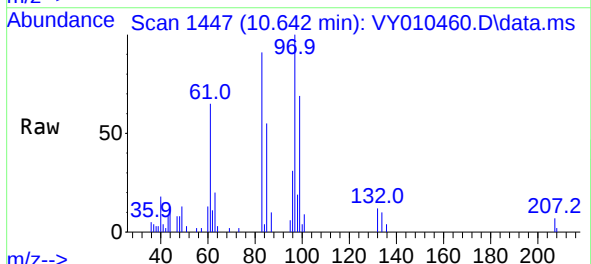
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

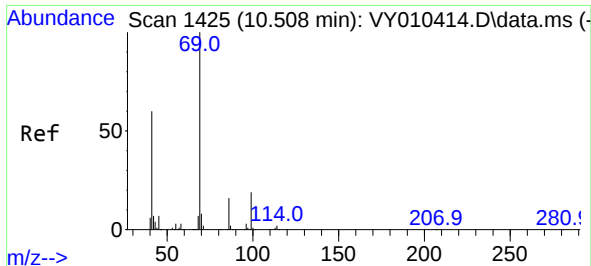
Tgt Ion: 75 Resp: 10422
Ion Ratio Lower Upper
75 100
77 27.5 25.6 38.4
39 41.7 47.6 71.4#



#55
1,1,2-Trichloroethane
Concen: 2.770 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 97 Resp: 5670
Ion Ratio Lower Upper
97 100
83 90.6 69.8 104.8
85 55.3 44.3 66.5
99 68.6 49.8 74.6

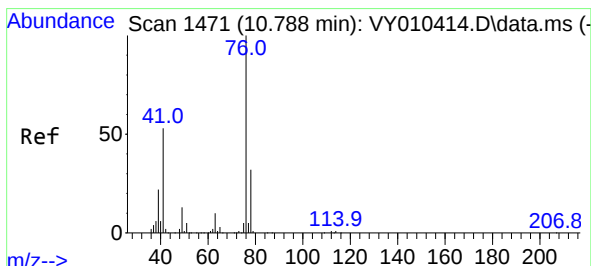
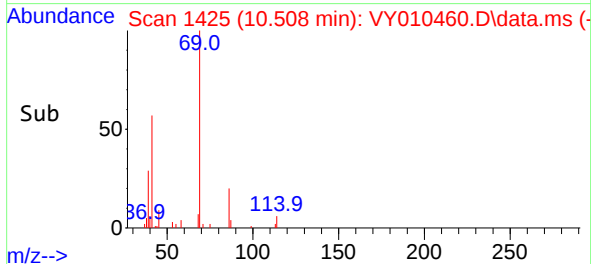
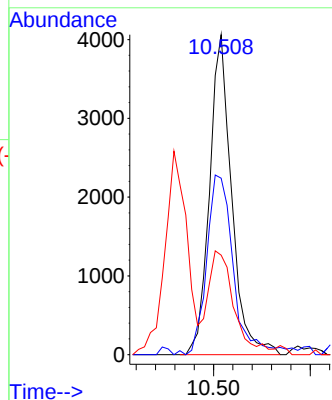
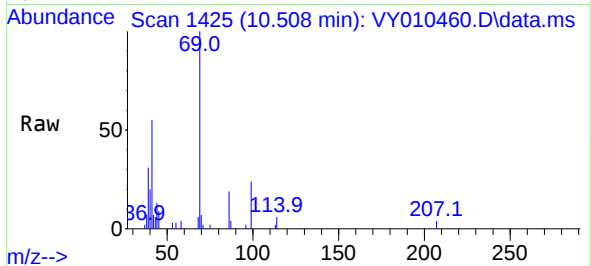




#56
Ethyl methacrylate
Concen: 2.398 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

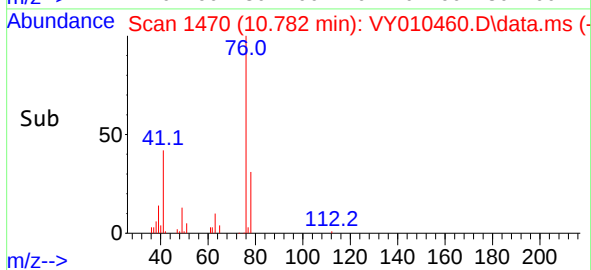
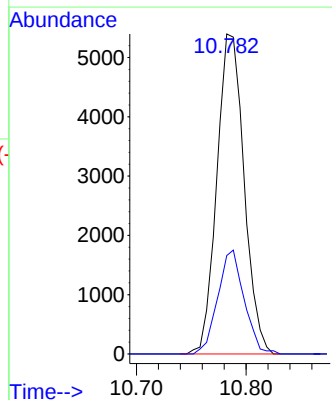
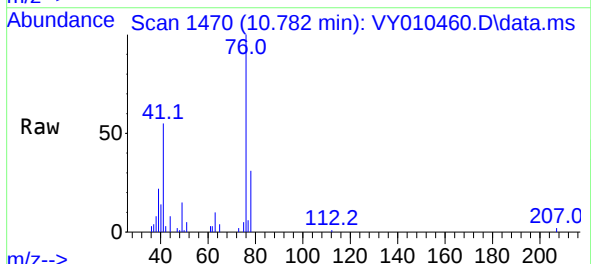
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

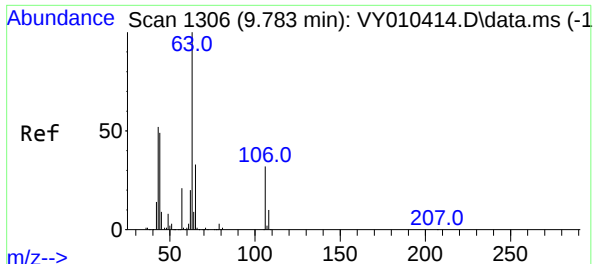
Tgt Ion: 69 Resp: 6448
Ion Ratio Lower Upper
69 100
41 68.3 63.4 95.0
39 34.4 35.8 53.8#



#57
1,3-Dichloropropane
Concen: 2.737 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 76 Resp: 9317
Ion Ratio Lower Upper
76 100
78 31.4 25.0 37.6

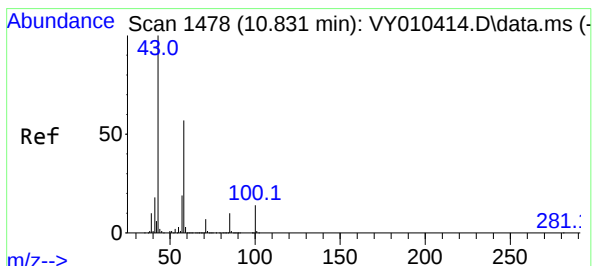
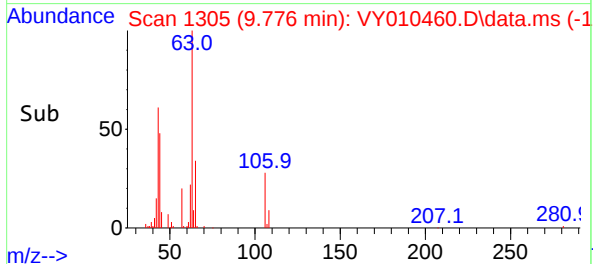
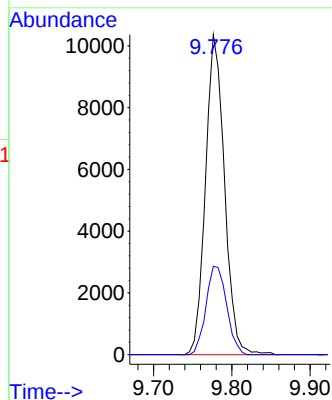
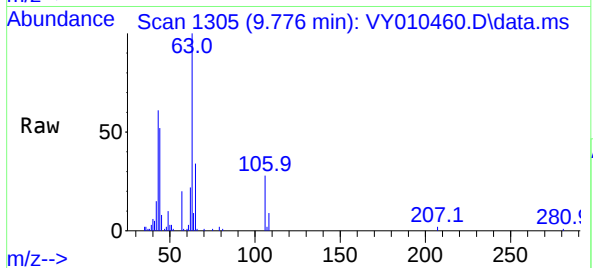




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.776 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

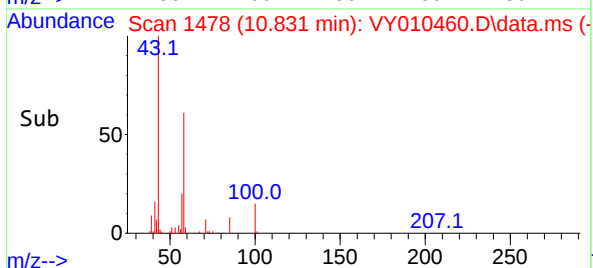
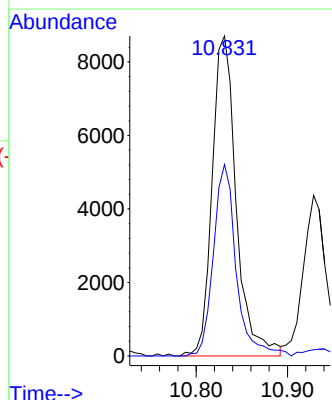
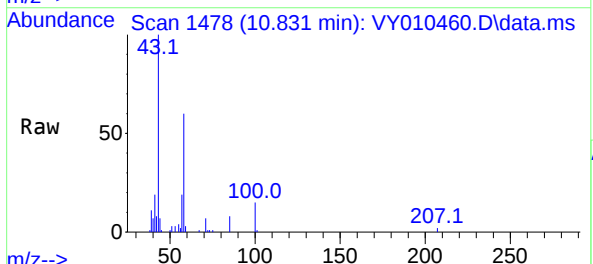
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

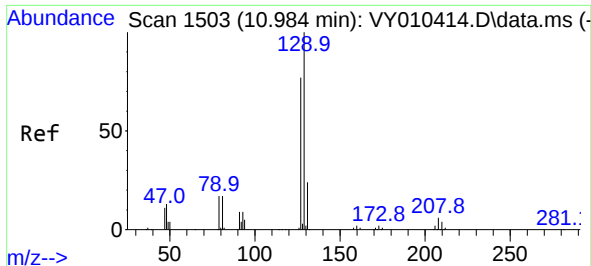
Tgt Ion: 63 Resp: 17437
Ion Ratio Lower Upper
63 100
106 30.0 21.5 32.3



#59
2-Hexanone
Concen: 13.040 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 43 Resp: 15945
Ion Ratio Lower Upper
43 100
58 56.5 24.4 73.4

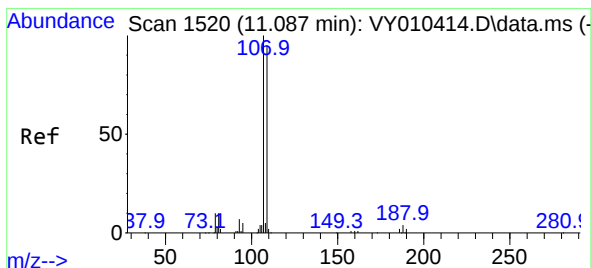
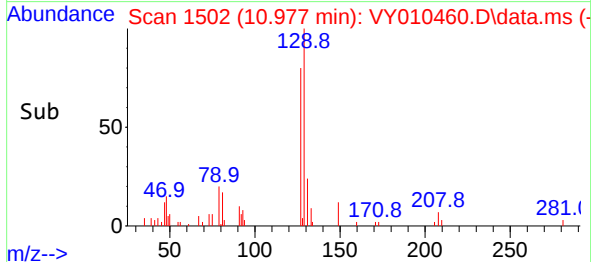
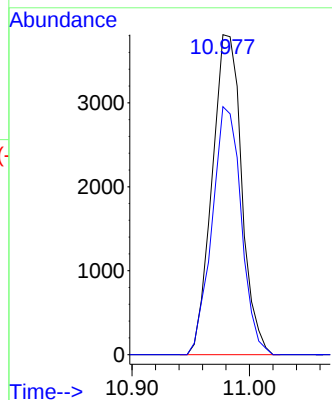
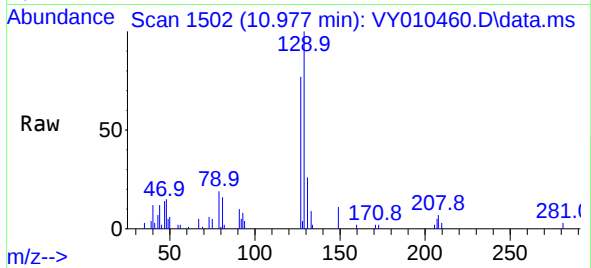




#60
Dibromochloromethane
Concen: 2.666 ug/l
RT: 10.977 min Scan# 1519
Delta R.T. -0.007 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

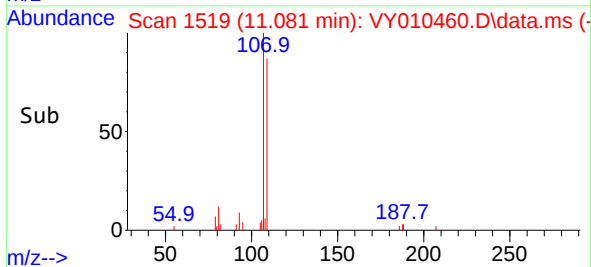
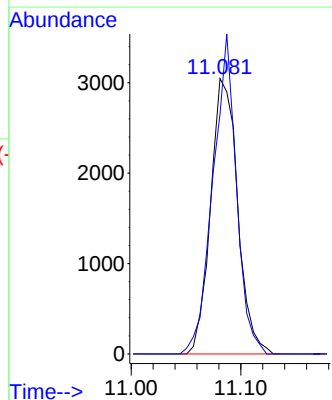
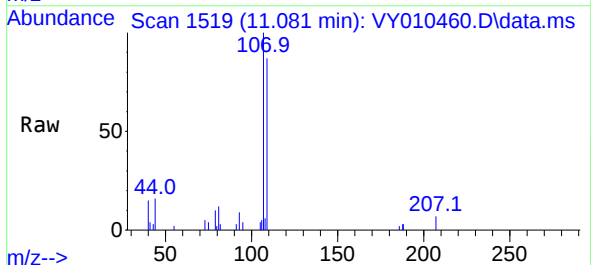
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

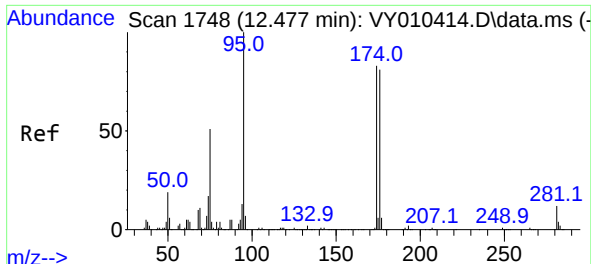
Tgt Ion:129 Resp: 6669
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1



#61
1,2-Dibromoethane
Concen: 2.629 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:107 Resp: 5225
Ion Ratio Lower Upper
107 100
109 100.9 75.4 113.2

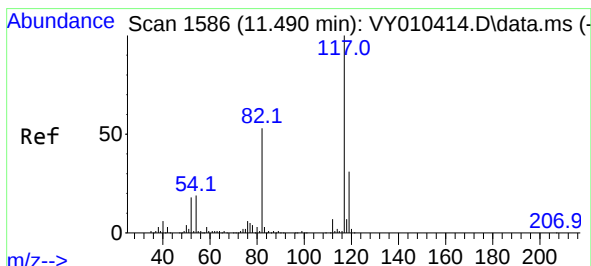
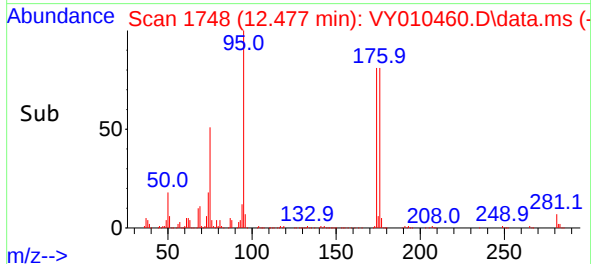
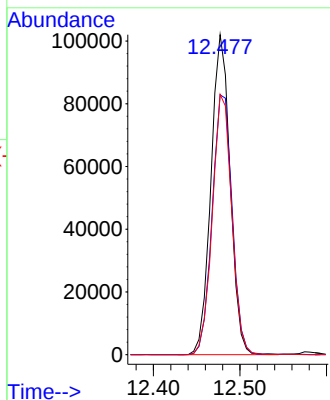
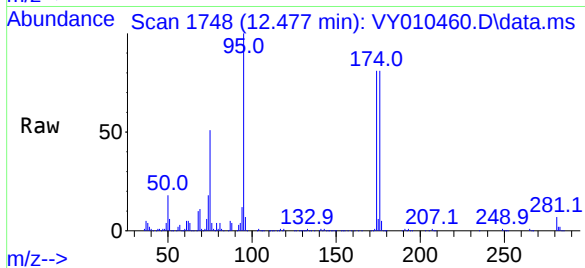




#62
4-Bromofluorobenzene
Concen: 49.011 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

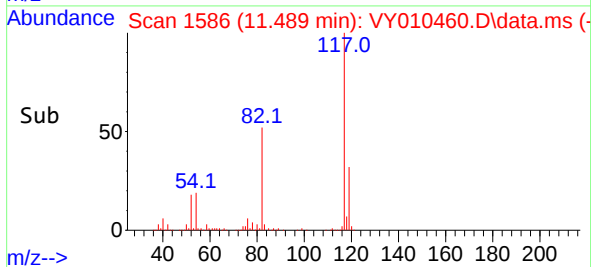
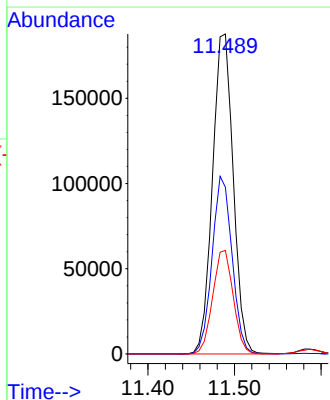
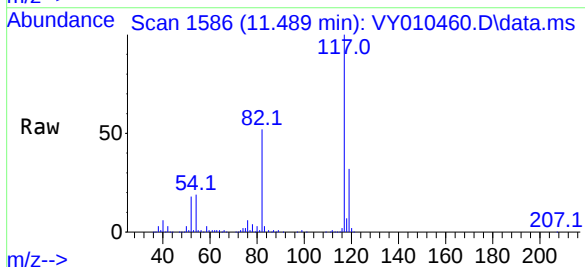
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

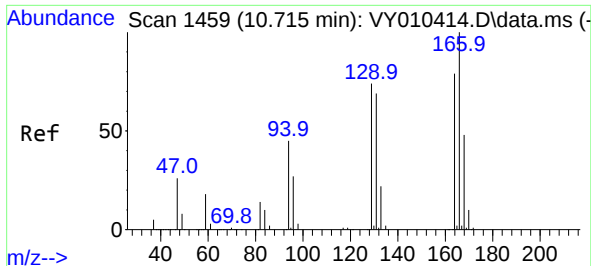
Tgt Ion: 95 Resp: 156724
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 117 Resp: 312718
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.4 25.4 38.0



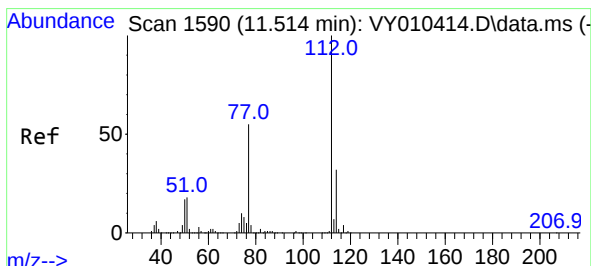
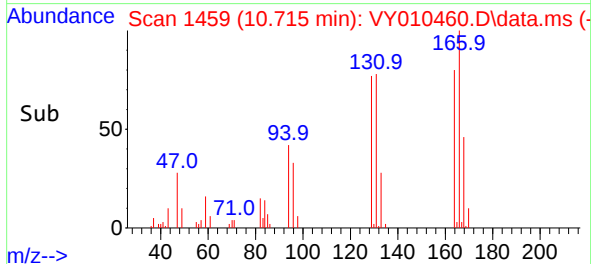
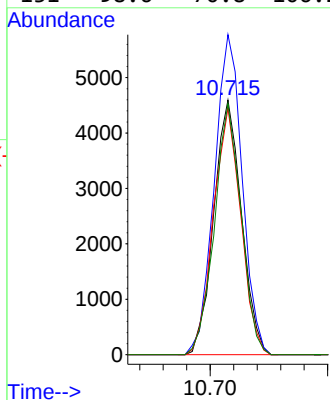
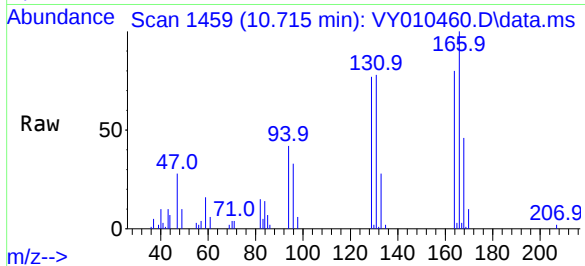


#64
Tetrachloroethene
Concen: 2.674 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

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

Tgt Ion:164 Resp: 7536

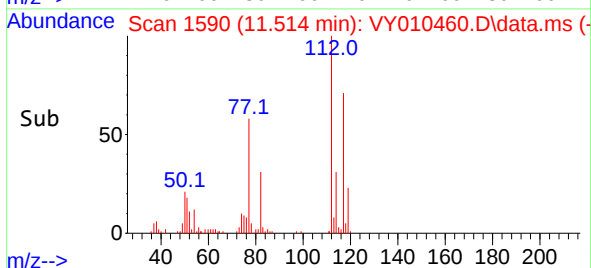
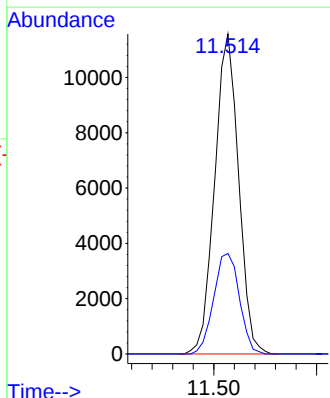
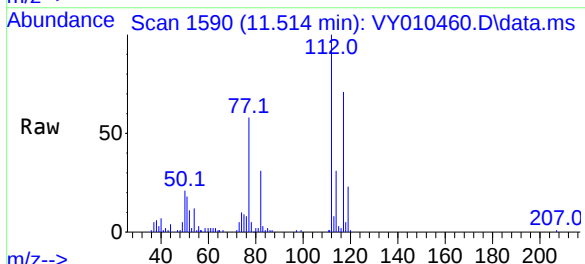
Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.4	150.6
129	96.9	71.4	107.0
131	98.6	70.8	106.2

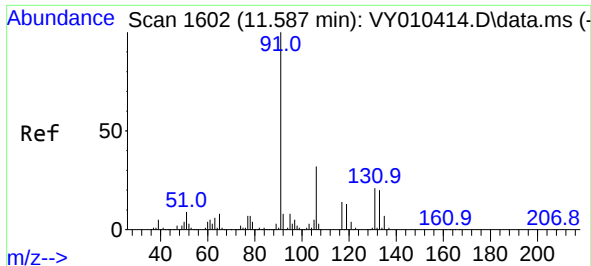


#65
Chlorobenzene
Concen: 2.666 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:112 Resp: 18643

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.8	38.6

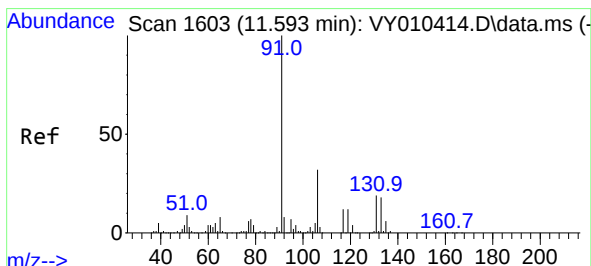
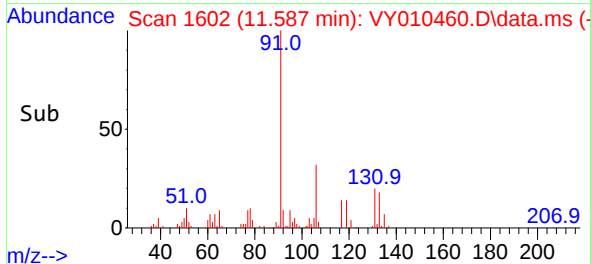
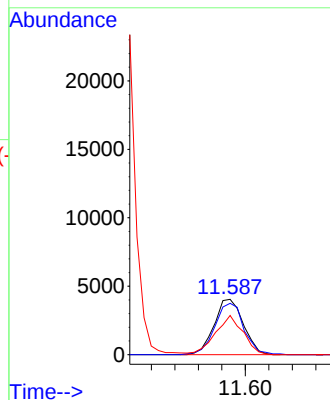
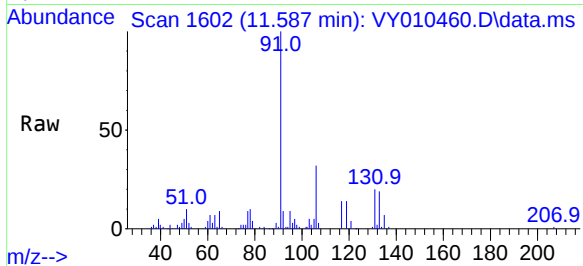




#66
1,1,1,2-Tetrachloroethane
Concen: 2.692 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

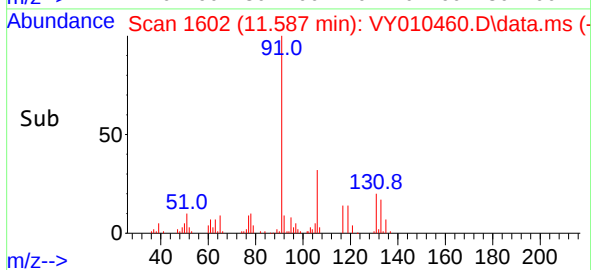
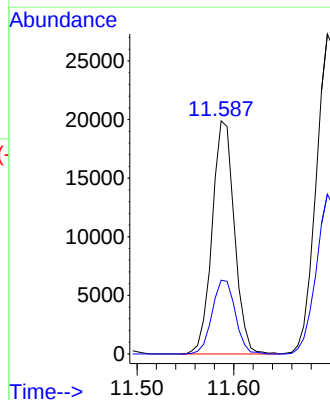
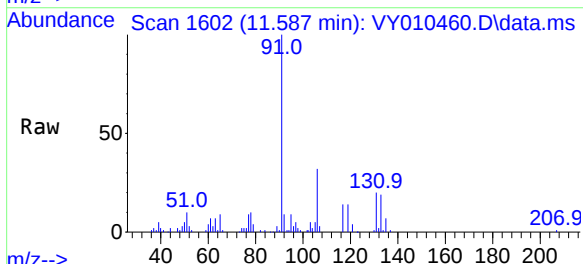
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

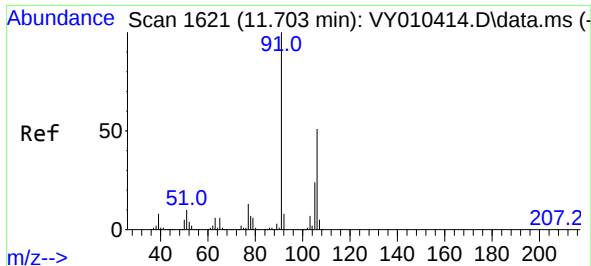
Tgt Ion:131 Resp: 6974
Ion Ratio Lower Upper
131 100
133 92.9 47.9 143.6
119 67.4 30.8 92.3



#67
Ethyl Benzene
Concen: 2.567 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 91 Resp: 31774
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

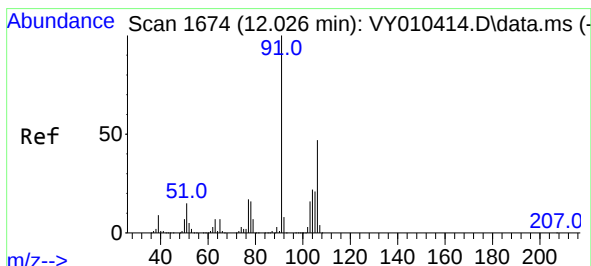
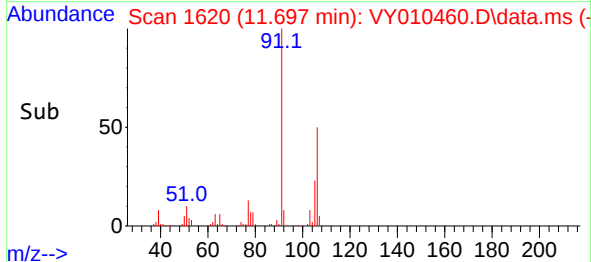
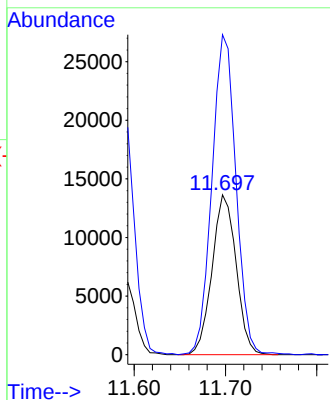
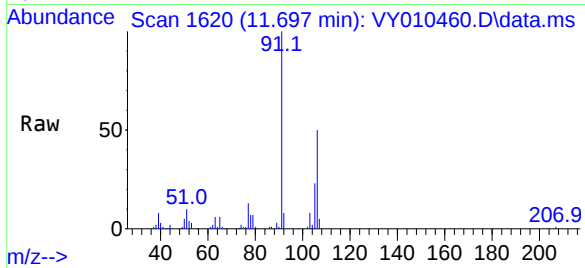




#68
m/p-Xylenes
Concen: 5.131 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

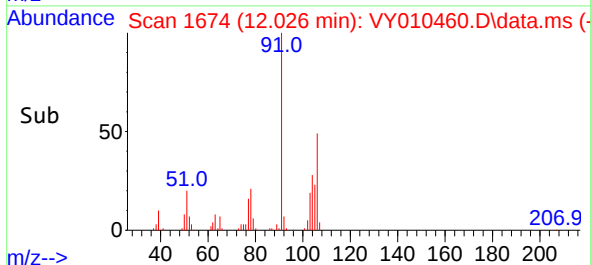
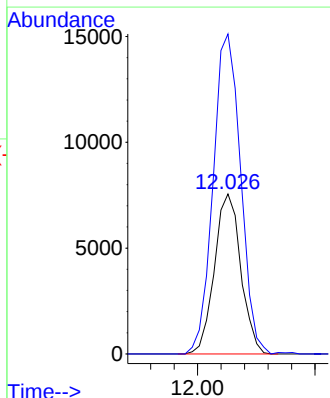
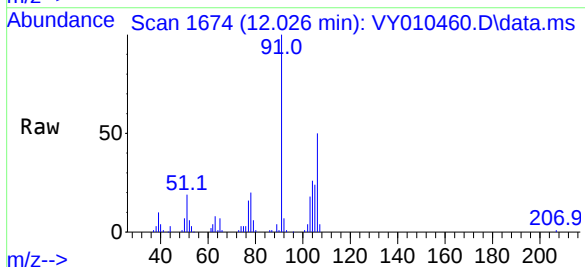
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

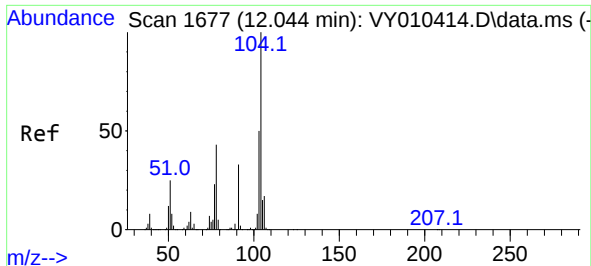
Tgt Ion:106 Resp: 24933
Ion Ratio Lower Upper
106 100
91 200.0 166.6 249.8



#69
o-Xylene
Concen: 2.535 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:106 Resp: 11763
Ion Ratio Lower Upper
106 100
91 208.9 110.3 331.0

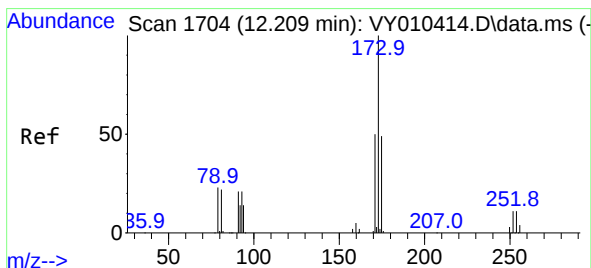
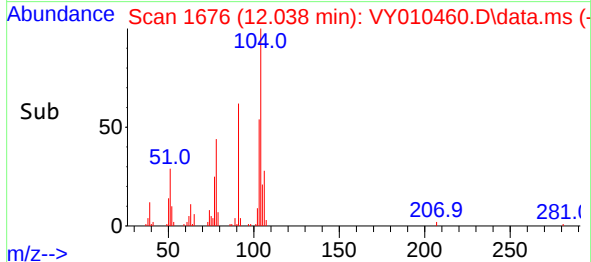
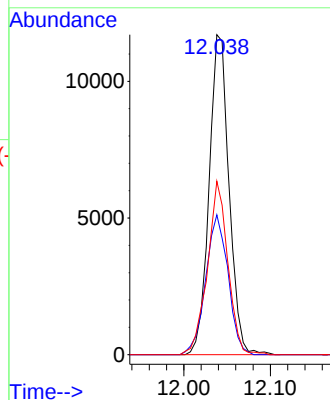
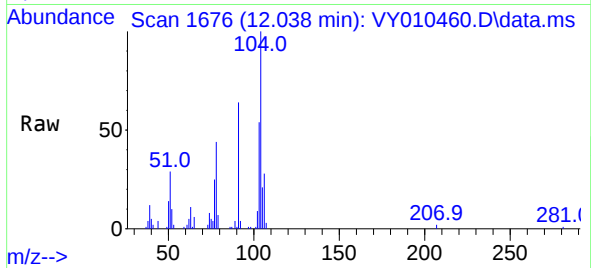




#70
Styrene
Concen: 2.383 ug/l
RT: 12.038 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

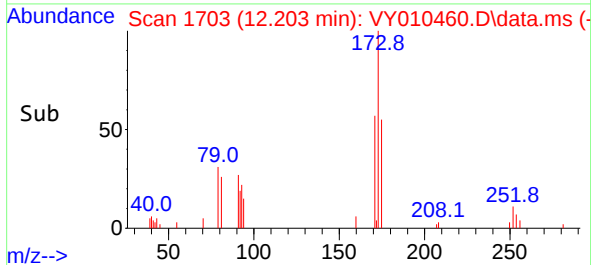
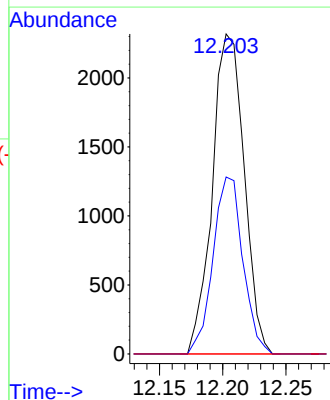
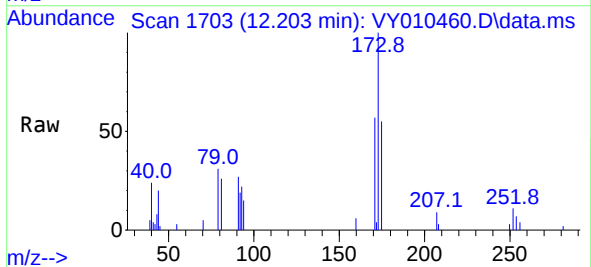
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

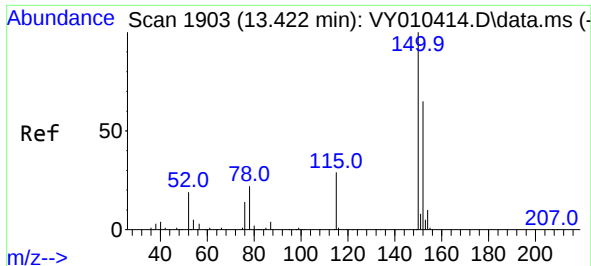
Tgt Ion:104	Resp:	18717
Ion Ratio	Lower	Upper
104	100	
78	49.0	42.4 63.6
103	55.6	44.4 66.6



#71
Bromoform
Concen: 2.507 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:173	Resp:	4059
Ion Ratio	Lower	Upper
173	100	
175	51.8	24.6 74.0
254	0.0	0.0 0.0

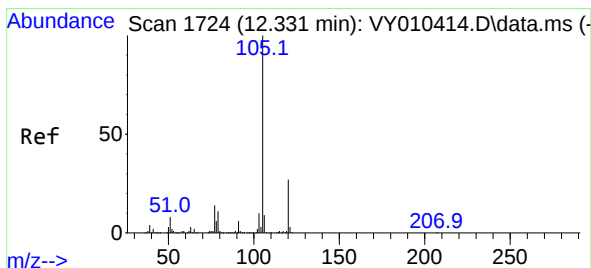
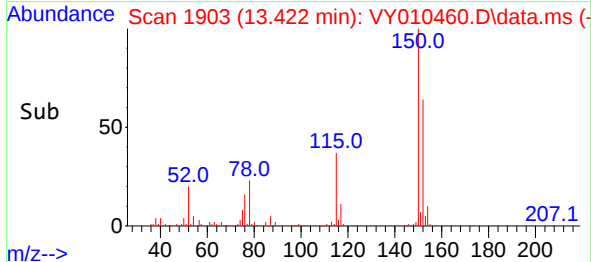
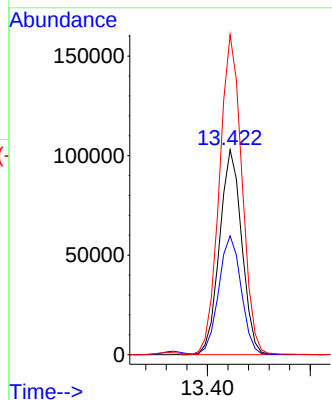
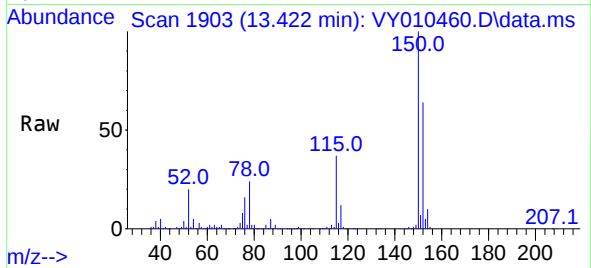




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

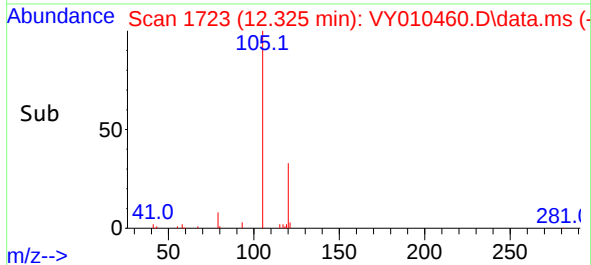
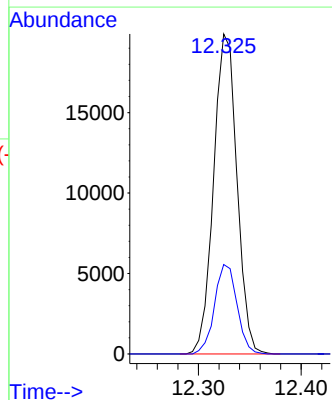
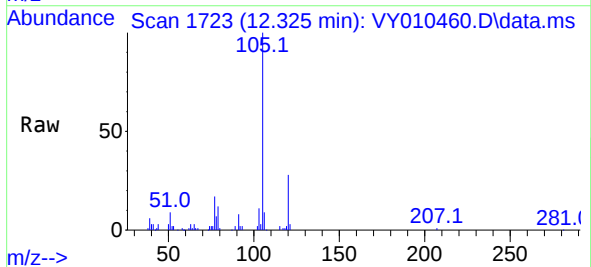
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

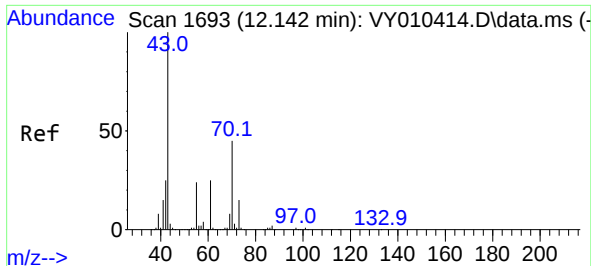
Tgt Ion:152 Resp: 154235
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 158.1 0.0 347.6



#73
Isopropylbenzene
Concen: 2.603 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:105 Resp: 31322
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

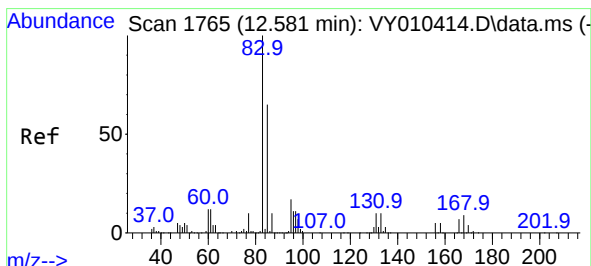
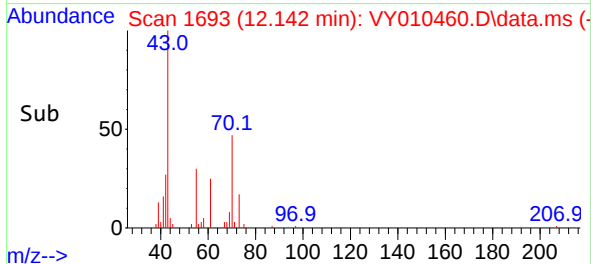
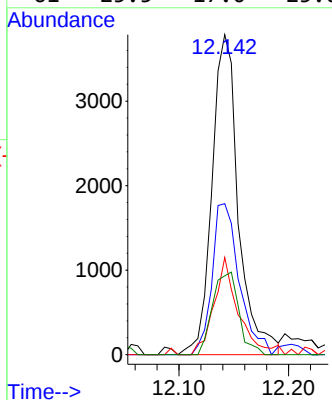
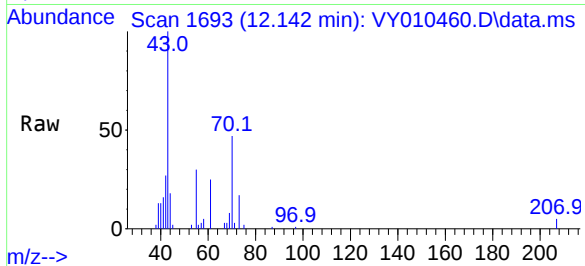




#74
N-amy1 acetate
Concen: 2.258 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

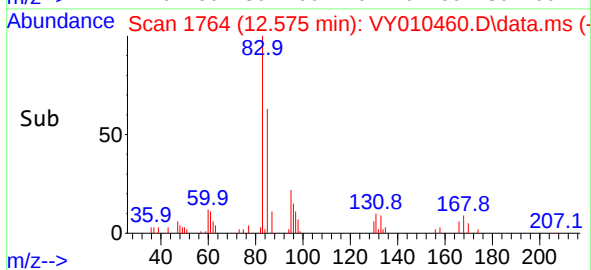
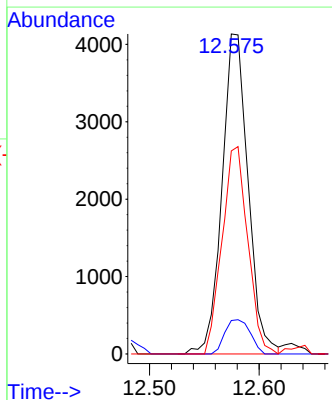
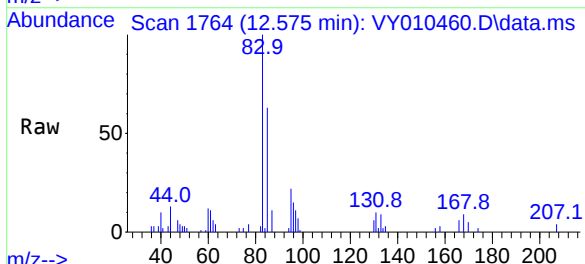
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

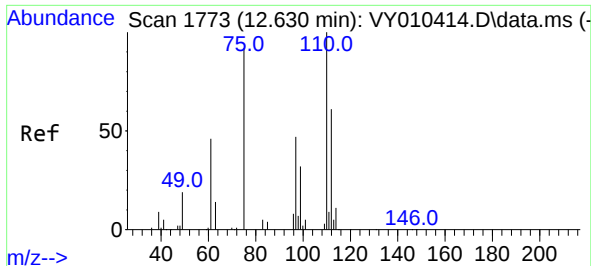
Tgt Ion: 43	Resp: 6341
Ion Ratio	Lower Upper
43 100	
70 48.7	28.7 43.1#
55 28.5	17.3 25.9#
61 25.5	17.0 25.6



#75
1,1,2,2-Tetrachloroethane
Concen: 3.031 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 83	Resp: 6824
Ion Ratio	Lower Upper
83 100	
131 10.4	5.6 16.8
85 63.8	32.3 96.8

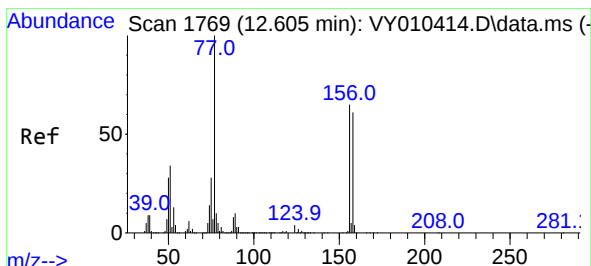
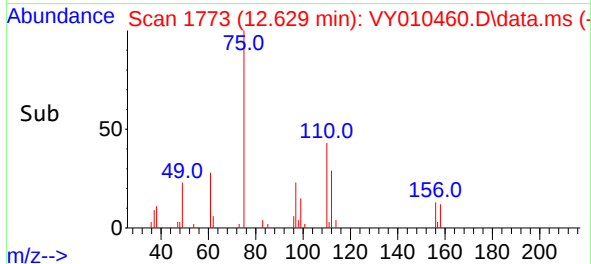
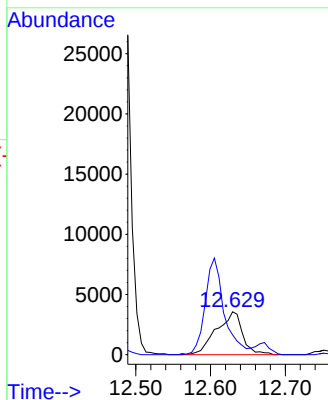
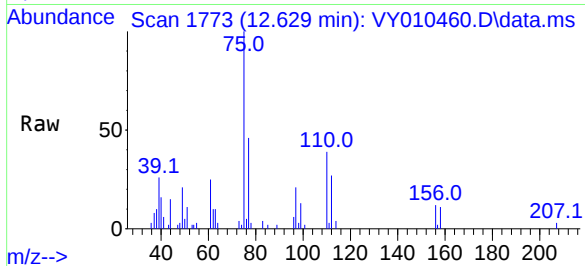




#76
1,2,3-Trichloropropane
Concen: 5.089 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

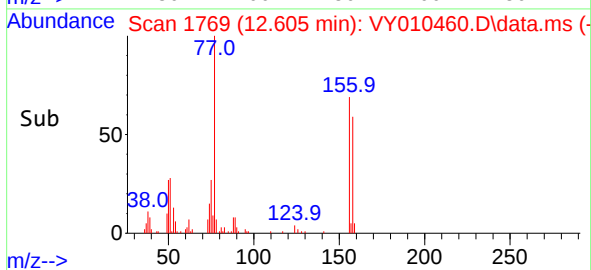
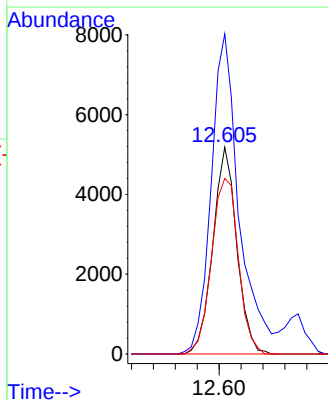
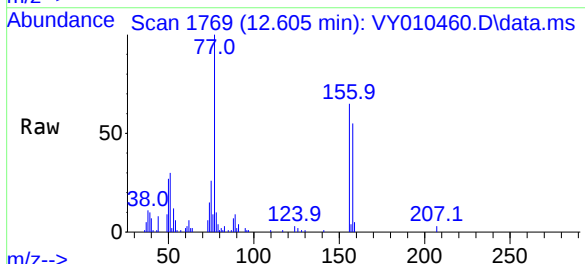
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

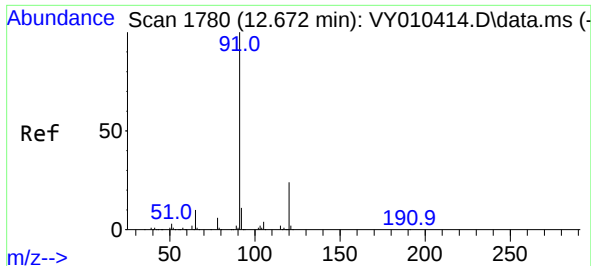
Tgt Ion: 75 Resp: 8663
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 2.757 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 156 Resp: 7862
Ion Ratio Lower Upper
156 100
77 179.3 95.5 286.4
158 94.9 48.0 144.0

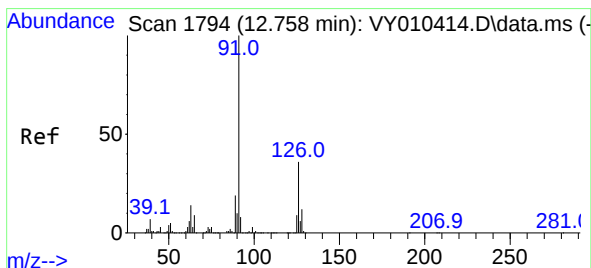
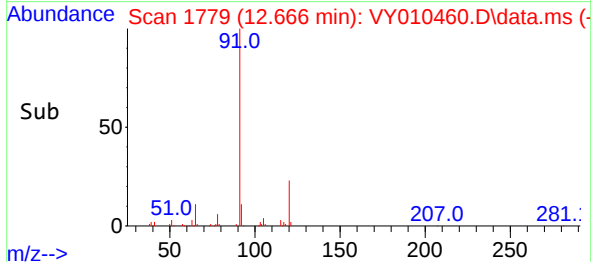
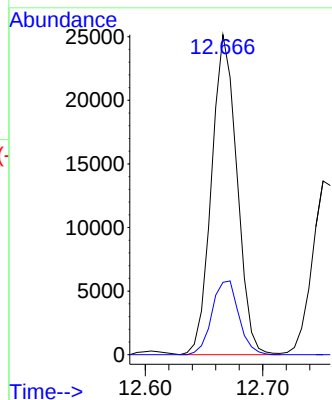
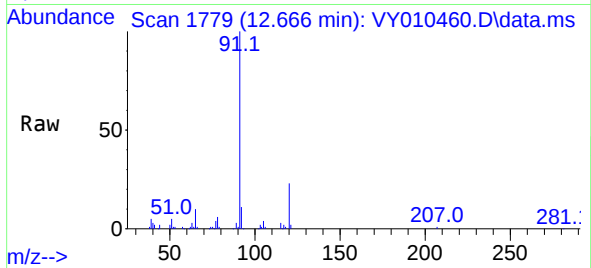




#78
n-propylbenzene
Concen: 2.659 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

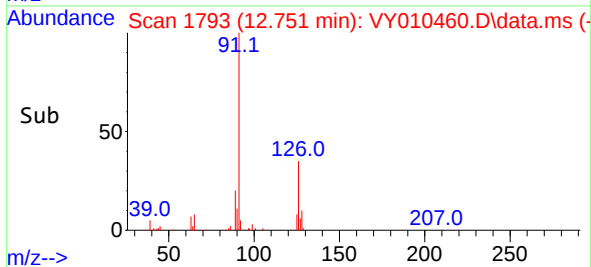
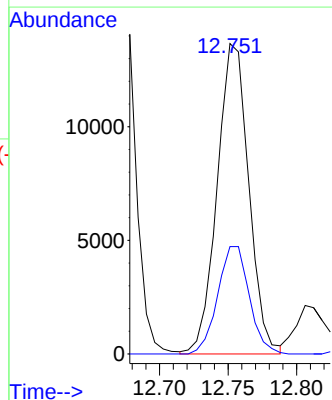
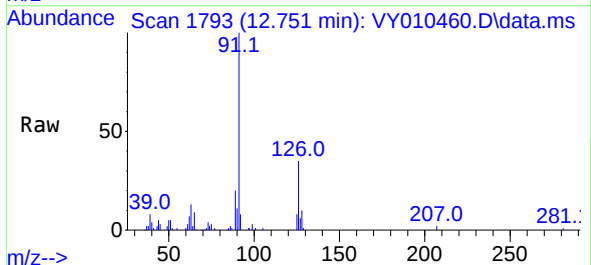
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

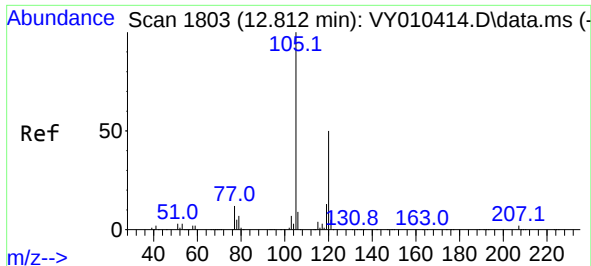
Tgt Ion: 91 Resp: 37890
Ion Ratio Lower Upper
91 100
120 24.3 11.3 33.9



#79
2-Chlorotoluene
Concen: 2.740 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 91 Resp: 21933
Ion Ratio Lower Upper
91 100
126 34.6 16.9 50.6

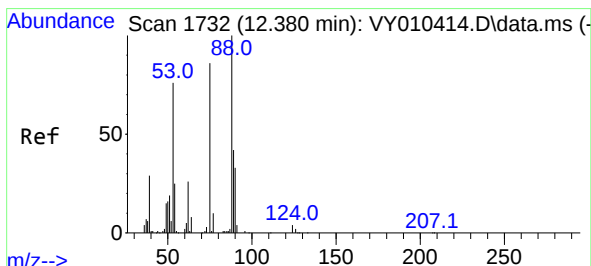
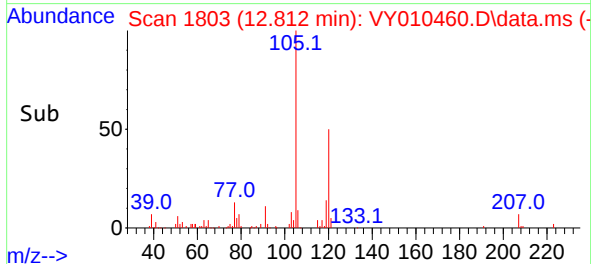
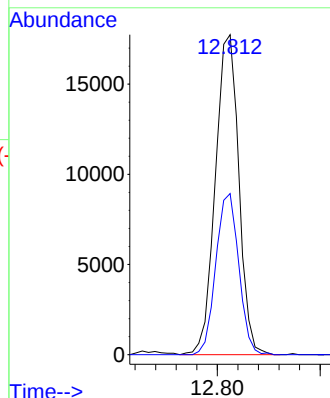
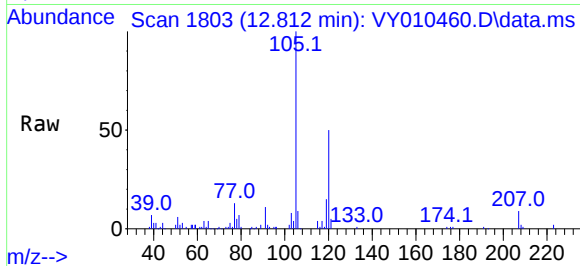




#80
1,3,5-Trimethylbenzene
Concen: 2.768 ug/l
RT: 12.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

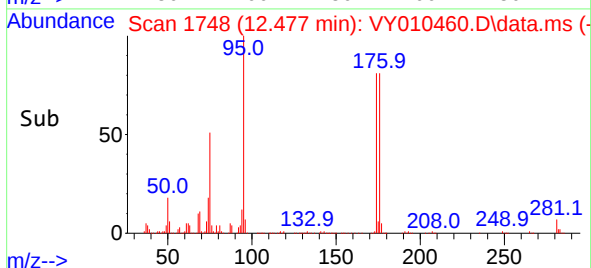
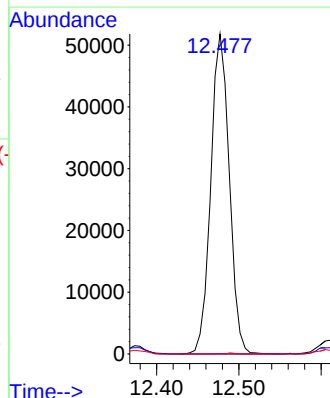
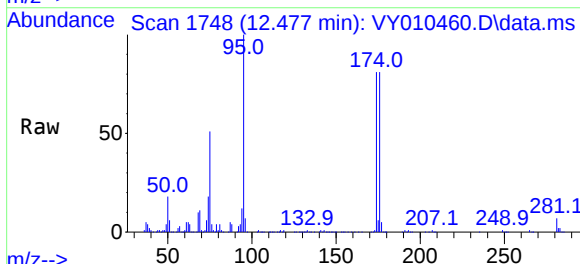
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

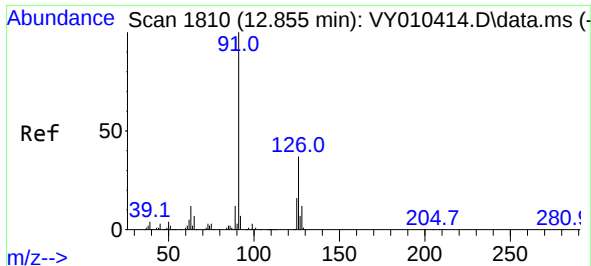
Tgt Ion:105 Resp: 28109
Ion Ratio Lower Upper
105 100
120 49.1 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 105.440 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 75 Resp: 80836
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

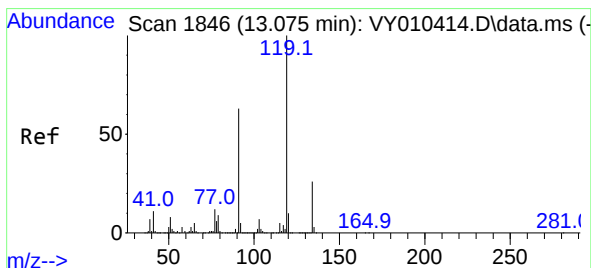
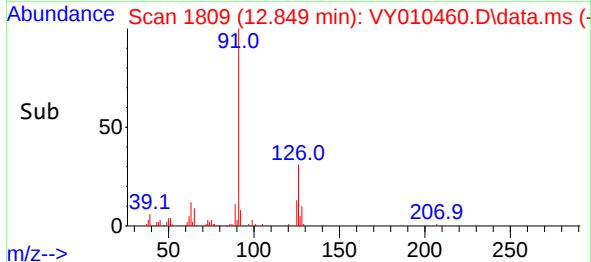
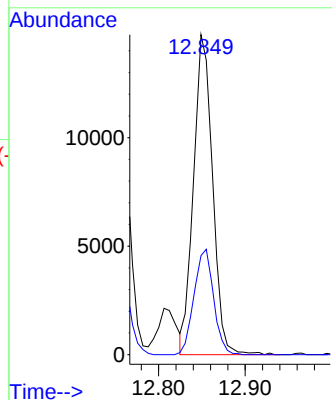
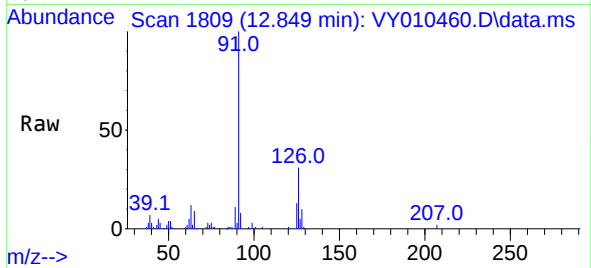




#82
4-Chlorotoluene
Concen: 2.709 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

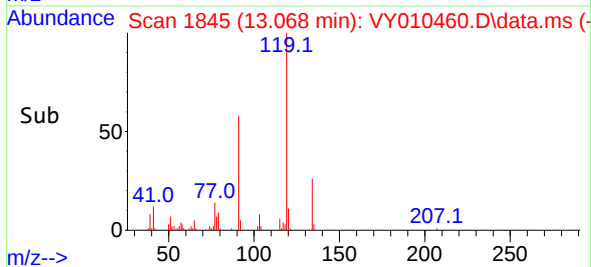
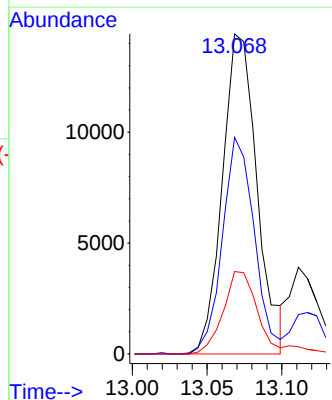
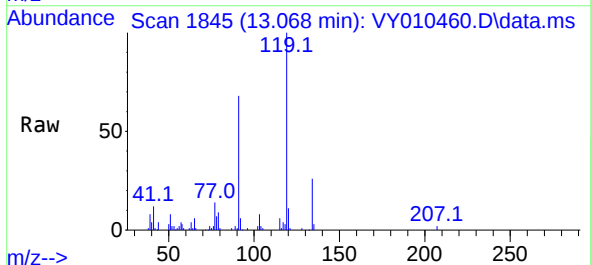
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

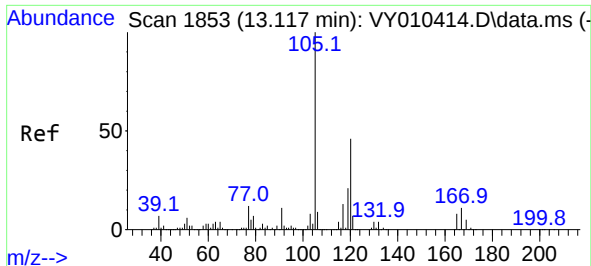
Tgt Ion: 91 Resp: 22558
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#83
tert-Butylbenzene
Concen: 2.630 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 119 Resp: 23340
Ion Ratio Lower Upper
119 100
91 62.3 34.8 104.4
134 26.7 13.3 39.9

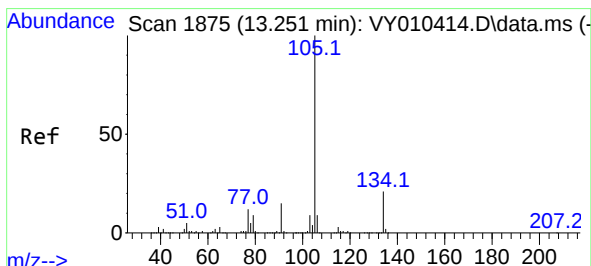
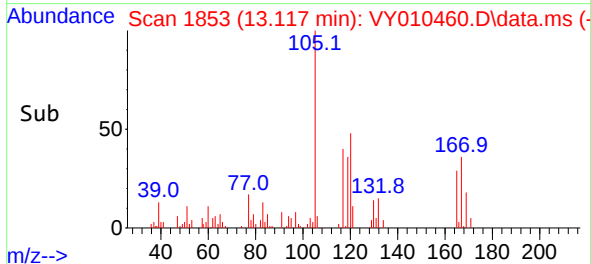
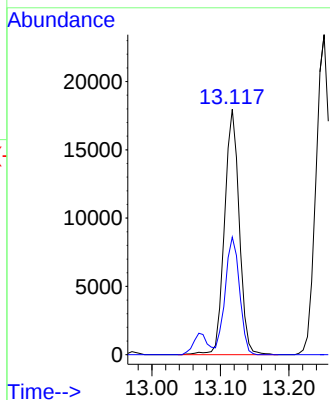
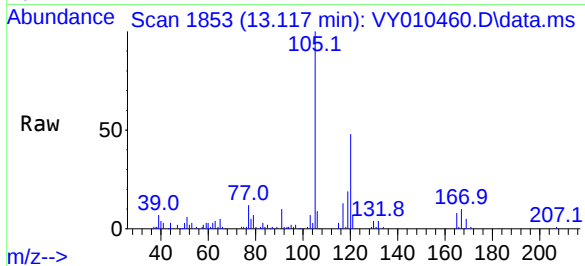




#84
1,2,4-Trimethylbenzene
Concen: 2.695 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

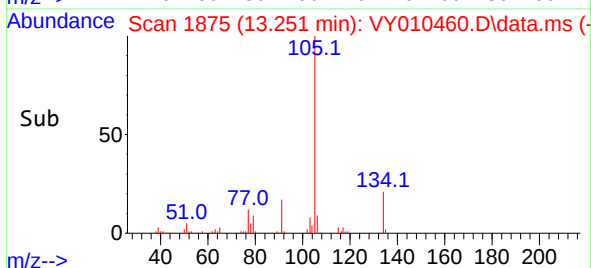
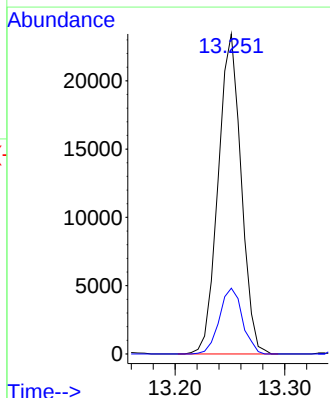
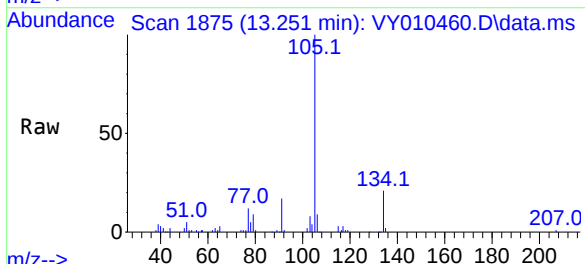
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

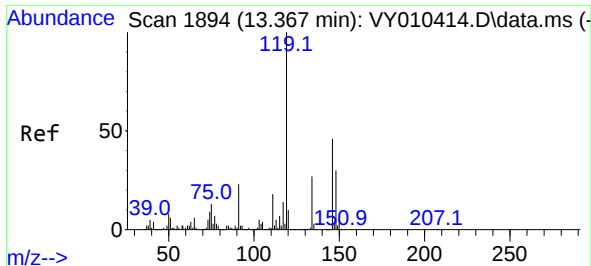
Tgt Ion:105 Resp: 26773
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9



#85
sec-Butylbenzene
Concen: 2.594 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:105 Resp: 34090
Ion Ratio Lower Upper
105 100
134 20.6 10.2 30.4

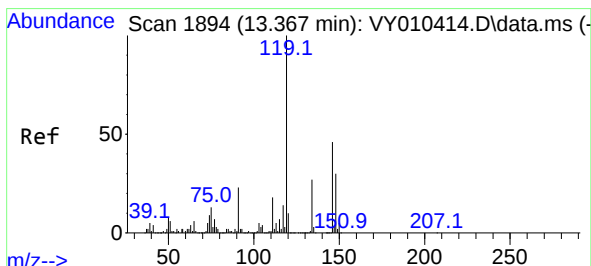
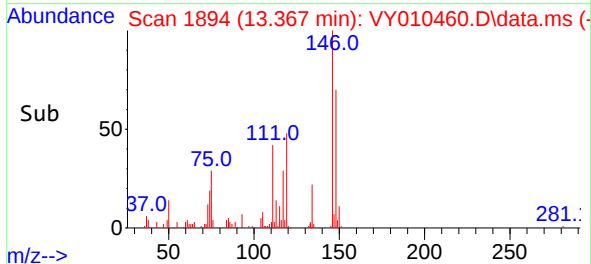
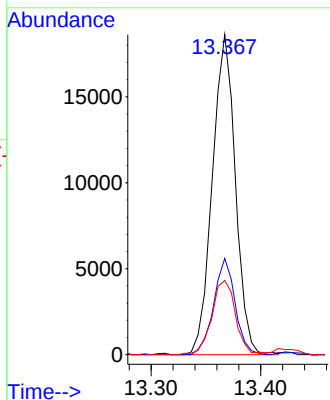
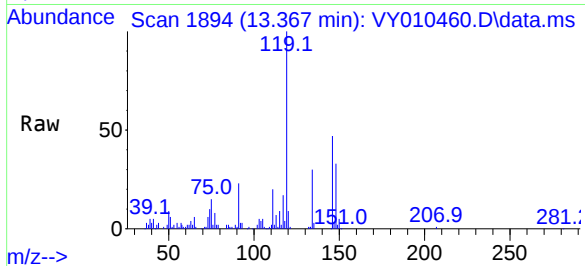




#86
p-Isopropyltoluene
Concen: 2.446 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

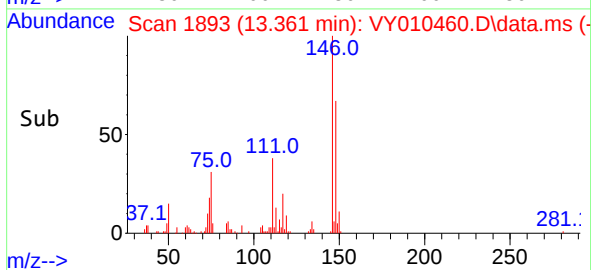
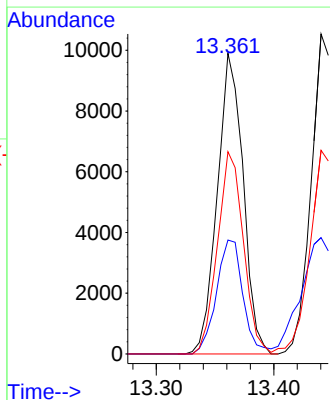
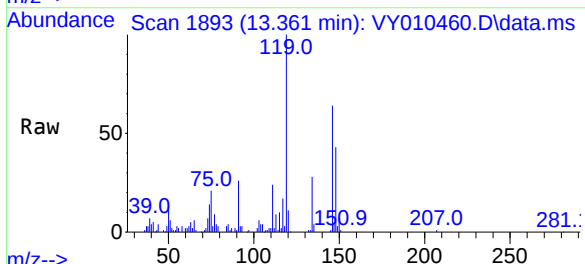
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

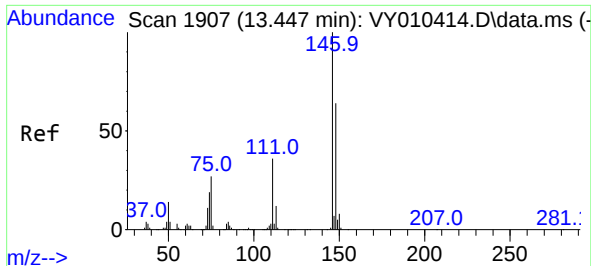
Tgt Ion:	119	Resp:	27190
Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.2	39.5
91	24.0	12.4	37.2



#87
1,3-Dichlorobenzene
Concen: 2.639 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:	146	Resp:	15112
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	67.7	31.6	95.0

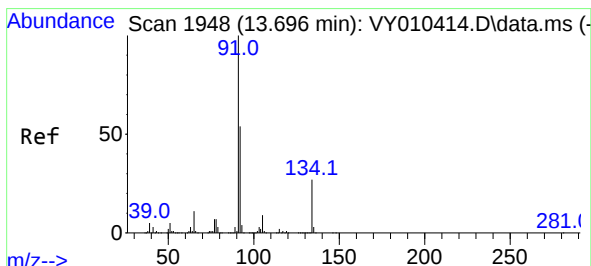
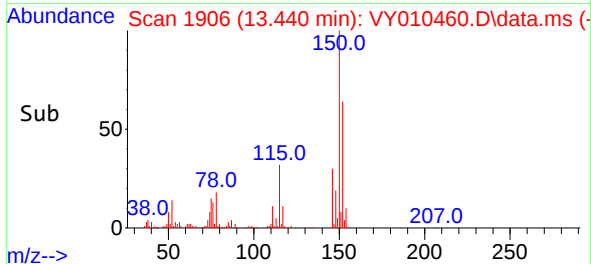
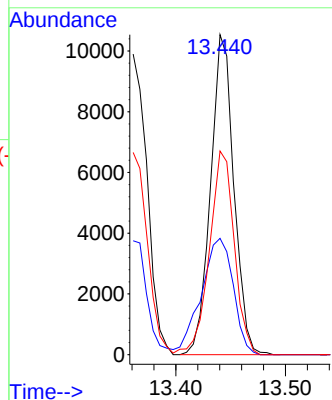
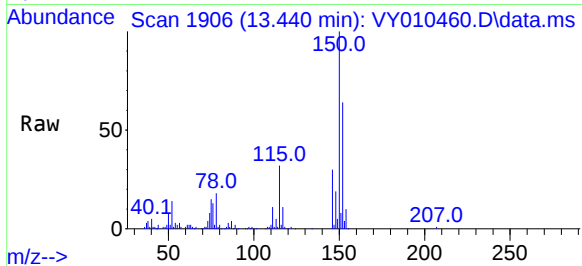




#88
1,4-Dichlorobenzene
Concen: 2.743 ug/l
RT: 13.440 min Scan# 1907
Delta R.T. -0.007 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

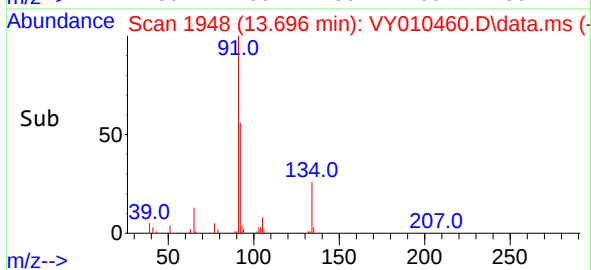
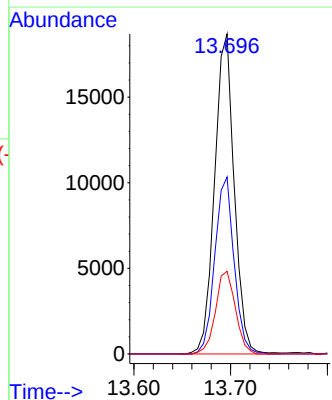
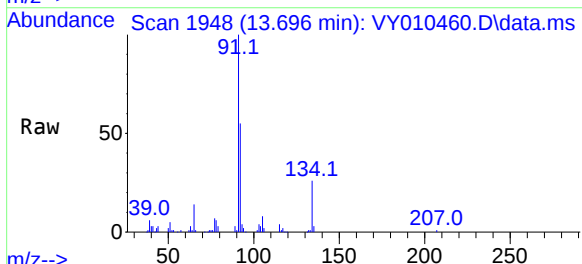
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

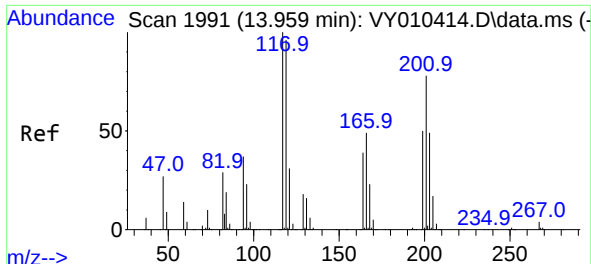
Tgt Ion:	146	Resp:	15551
Ion	Ratio	Lower	Upper
146	100		
111	50.0	19.3	57.8
148	67.9	32.6	97.8



#89
n-Butylbenzene
Concen: 2.607 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:	91	Resp:	26304
Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.3	78.9
134	26.2	13.0	38.9

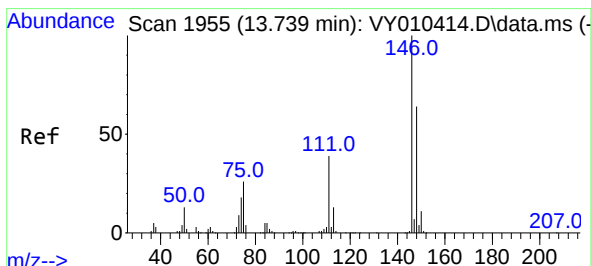
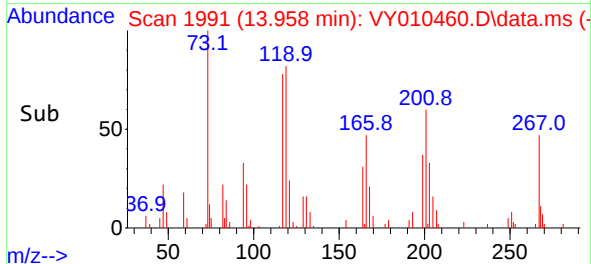
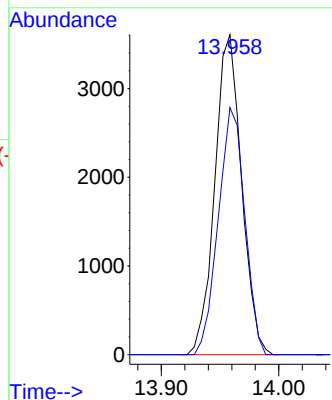
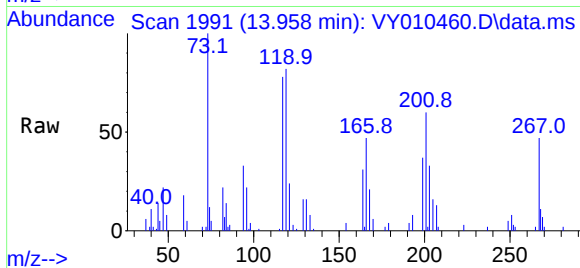




#90
Hexachloroethane
Concen: 2.739 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

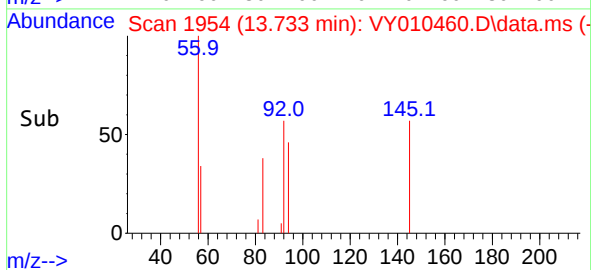
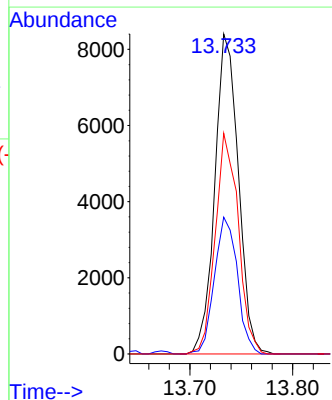
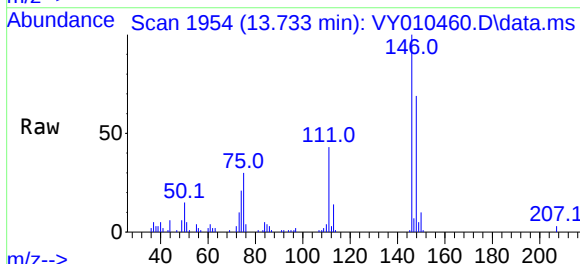
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

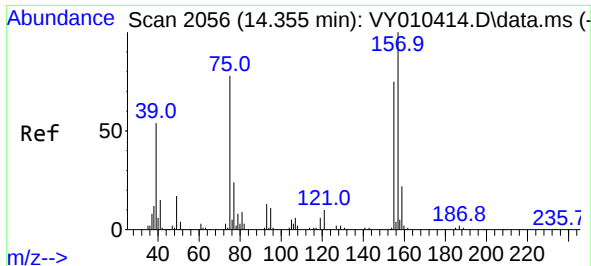
Tgt Ion:117 Resp: 5717
Ion Ratio Lower Upper
117 100
201 76.4 43.0 128.8



#91
1,2-Dichlorobenzene
Concen: 2.634 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion:146 Resp: 13358
Ion Ratio Lower Upper
146 100
111 41.7 20.3 60.9
148 67.5 32.3 96.9

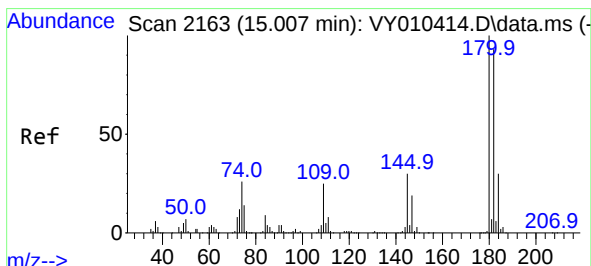
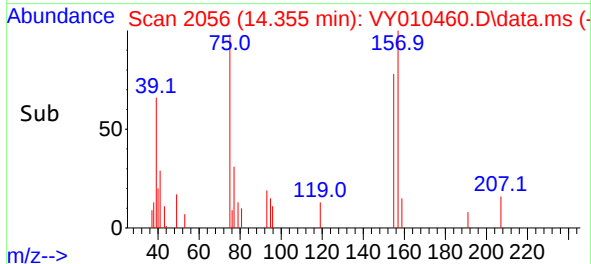
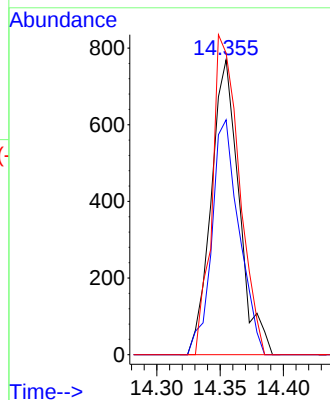
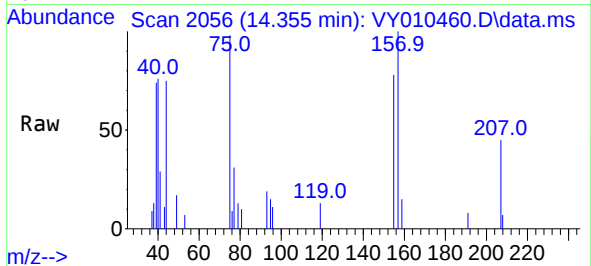




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.111 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

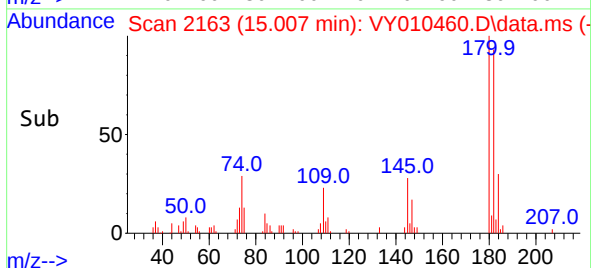
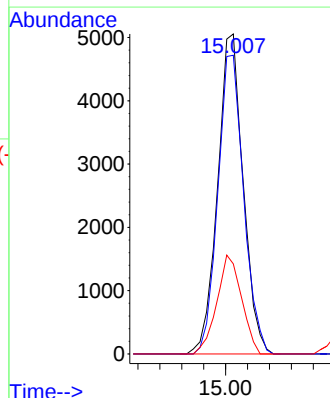
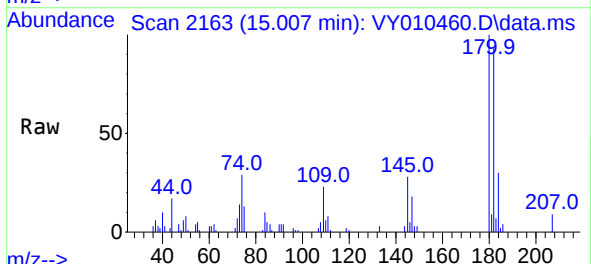
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

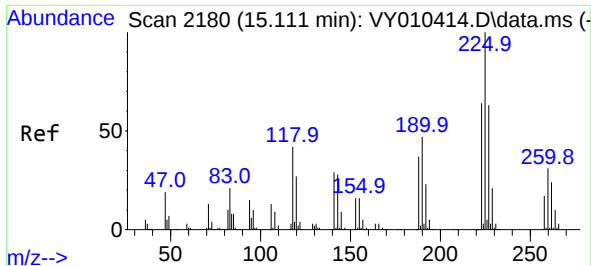
Tgt Ion: 75 Resp: 1182
Ion Ratio Lower Upper
75 100
155 77.7 38.0 113.9
157 105.5 47.8 143.3



#93
1,2,4-Trichlorobenzene
Concen: 2.594 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

Tgt Ion: 180 Resp: 8172
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 29.9 14.6 43.8

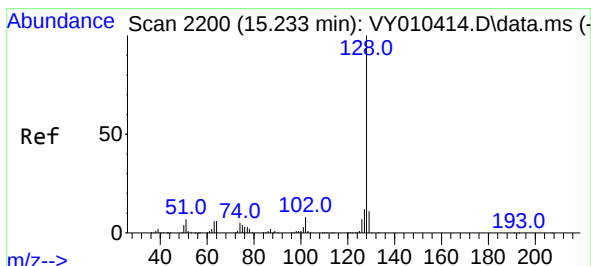
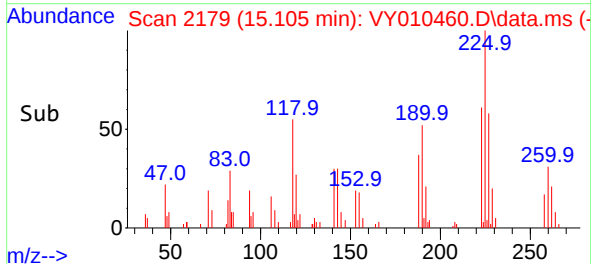
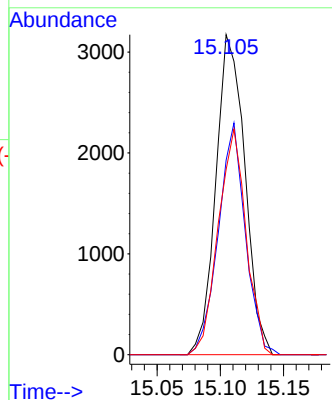
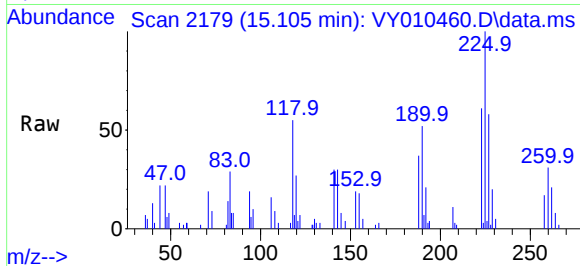




#94
Hexachlorobutadiene
Concen: 2.656 ug/l
RT: 15.105 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

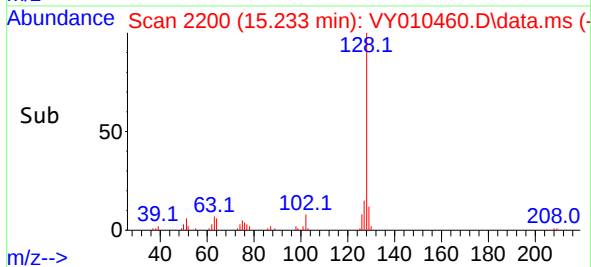
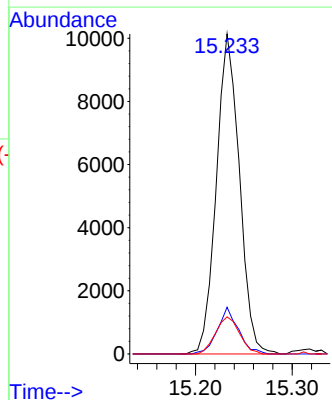
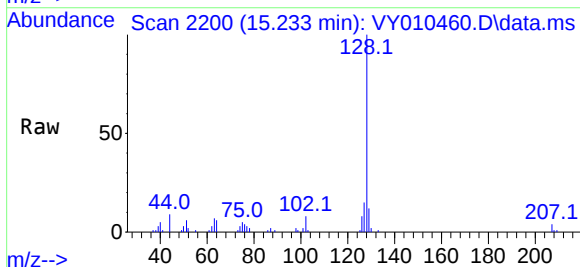
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

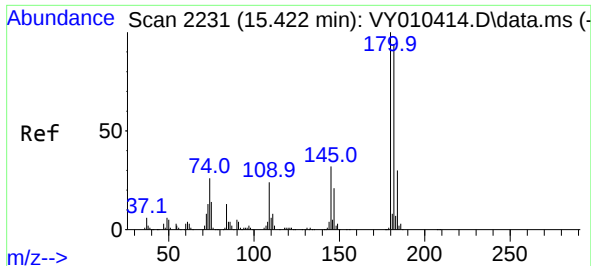
Tgt Ion:	225	Resp:	5048
Ion	Ratio	Lower	Upper
225	100		
223	67.6	30.8	92.3
227	67.8	31.6	94.7



#95
Naphthalene
Concen: 2.701 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010460.D
Acq: 13 Sep 2022 15:44

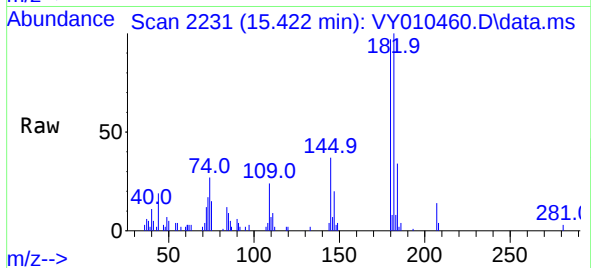
Tgt Ion:	128	Resp:	16780
Ion	Ratio	Lower	Upper
128	100		
127	13.3	11.0	16.4
129	12.1	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 2.643 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY010460.D
 Acq: 13 Sep 2022 15:44

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



Tgt Ion:	180	Resp:	7267
Ion	Ratio	Lower	Upper
180	100		
182	88.7	47.3	141.9
145	34.3	15.3	45.9

