

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011024.D
 Acq On : 20 Oct 2022 14:50
 Operator : KP/MD
 Sample : N4955-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Quant Time: Oct 20 22:23:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	249437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178125	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	115983	50.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.960%	
35) Dibromofluoromethane	7.716	113	118407	50.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.440%	
50) Toluene-d8	10.179	98	409536	46.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.600%	
62) 4-Bromofluorobenzene	12.483	95	147296	47.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.720%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	5597	3.383	ug/l	97
3) Chloromethane	2.113	50	7700	3.244	ug/l	94
4) Vinyl Chloride	2.247	62	8434	3.135	ug/l	96
5) Bromomethane	2.650	94	7185	3.861	ug/l	98
6) Chloroethane	2.790	64	5757	3.202	ug/l	92
7) Trichlorofluoromethane	3.125	101	12444	3.160	ug/l	97
8) Diethyl Ether	3.521	74	4368	2.972	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	7621	3.085	ug/l	96
10) Methyl Iodide	4.088	142	7868	2.603	ug/l	89
11) Tert butyl alcohol	4.954	59	6164	2.334	ug/l	100
12) 1,1-Dichloroethene	3.875	96	7121	3.009	ug/l	89
13) Acrolein	3.729	56	4378	11.819	ug/l	95
14) Allyl chloride	4.472	41	10919	2.910	ug/l #	85
15) Acrylonitrile	5.161	53	11863	15.487	ug/l	96
16) Acetone	3.942	43	12877	19.299	ug/l	96
17) Carbon Disulfide	4.192	76	20424	2.944	ug/l	98
18) Methyl Acetate	4.478	43	9798	2.545	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	19337	2.925	ug/l	97
20) Methylene Chloride	4.716	84	32440	5.539	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	8048	3.013	ug/l #	77
22) Diisopropyl ether	6.118	45	21660	2.695	ug/l #	90
23) Vinyl Acetate	6.057	43	55921	11.637	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	14941	3.079	ug/l	96
25) 2-Butanone	6.984	43	19436	19.208	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	18529	4.300	ug/l	89
27) cis-1,2-Dichloroethene	6.984	96	9122	2.963	ug/l	89
28) Bromochloromethane	7.332	49	4712	6.068	ug/l #	90
29) Tetrahydrofuran	7.350	42	9572	15.375	ug/l #	87
30) Chloroform	7.502	83	15031	3.073	ug/l	100
31) Cyclohexane	7.783	56	16458	3.743	ug/l #	52
32) 1,1,1-Trichloroethane	7.697	97	12918	3.005	ug/l	95
36) 1,1-Dichloropropene	7.917	75	10935	2.803	ug/l	96
37) Ethyl Acetate	7.076	43	6695	3.100	ug/l #	93
38) Carbon Tetrachloride	7.905	117	11640	2.891	ug/l	92
39) Methylcyclohexane	9.179	83	13083	2.800	ug/l	88
40) Benzene	8.161	78	33522	2.929	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	8966	7.661	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	9929	3.131	ug/l	91
43) Isopropyl Acetate	8.277	43	11164	2.893	ug/l #	88
44) Trichloroethene	8.941	130	9007	2.904	ug/l	97
45) 1,2-Dichloropropane	9.215	63	8297	2.857	ug/l	93
46) Dibromomethane	9.301	93	4912	3.033	ug/l	96
47) Bromodichloromethane	9.496	83	11638	2.982	ug/l	93
48) Methyl methacrylate	9.295	41	5296	3.067	ug/l #	85
49) 1,4-Dioxane	9.295	88	1407	60.457	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	31814	14.783	ug/l	89
52) Toluene	10.246	92	20816	2.927	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	11855	2.923	ug/l	92
54) cis-1,3-Dichloropropene	9.929	75	13169	2.838	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	7317	3.131	ug/l	96
56) Ethyl methacrylate	10.508	69	8185	2.637	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	12306	3.063	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	18145	27.975	ug/l	97
59) 2-Hexanone	10.831	43	22162	14.992	ug/l	89
60) Dibromochloromethane	10.983	129	8447	3.040	ug/l	96
61) 1,2-Dibromoethane	11.087	107	6626	2.961	ug/l	98
64) Tetrachloroethene	10.715	164	9311	3.201	ug/l	96
65) Chlorobenzene	11.514	112	23218	3.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	8339	2.937	ug/l	95
67) Ethyl Benzene	11.593	91	38397	2.830	ug/l	93
68) m/p-Xylenes	11.703	106	28700	5.498	ug/l	94
69) o-Xylene	12.026	106	14036	2.832	ug/l	89
70) Styrene	12.044	104	22411	2.668	ug/l	94
71) Bromoform	12.209	173	5450	3.110	ug/l #	99
73) Isopropylbenzene	12.331	105	35137	2.715	ug/l	99
74) N-amyl acetate	12.142	43	8326	2.536	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	9522	3.506	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	11972	5.920	ug/l #	100
77) Bromobenzene	12.611	156	9333	3.085	ug/l	98
78) n-propylbenzene	12.672	91	44904	2.852	ug/l	99
79) 2-Chlorotoluene	12.757	91	25822	2.912	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	30050	2.783	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	2933	3.119	ug/l	87
82) 4-Chlorotoluene	12.855	91	26409	2.860	ug/l	99
83) tert-Butylbenzene	13.075	119	25918	2.776	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	28578	2.684	ug/l	99
85) sec-Butylbenzene	13.251	105	38990	2.779	ug/l	99
86) p-Isopropyltoluene	13.367	119	30426	2.614	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	17839	2.955	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	18222	3.036	ug/l	89
89) n-Butylbenzene	13.696	91	29372	2.700	ug/l	99
90) Hexachloroethane	13.958	117	6822	2.970	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	16179	2.995	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1577	3.512	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	8878	2.750	ug/l	99
94) Hexachlorobutadiene	15.111	225	5821	3.063	ug/l	97
95) Naphthalene	15.233	128	17652	2.685	ug/l	96
96) 1,2,3-Trichlorobenzene	15.422	180	7844	2.785	ug/l	99

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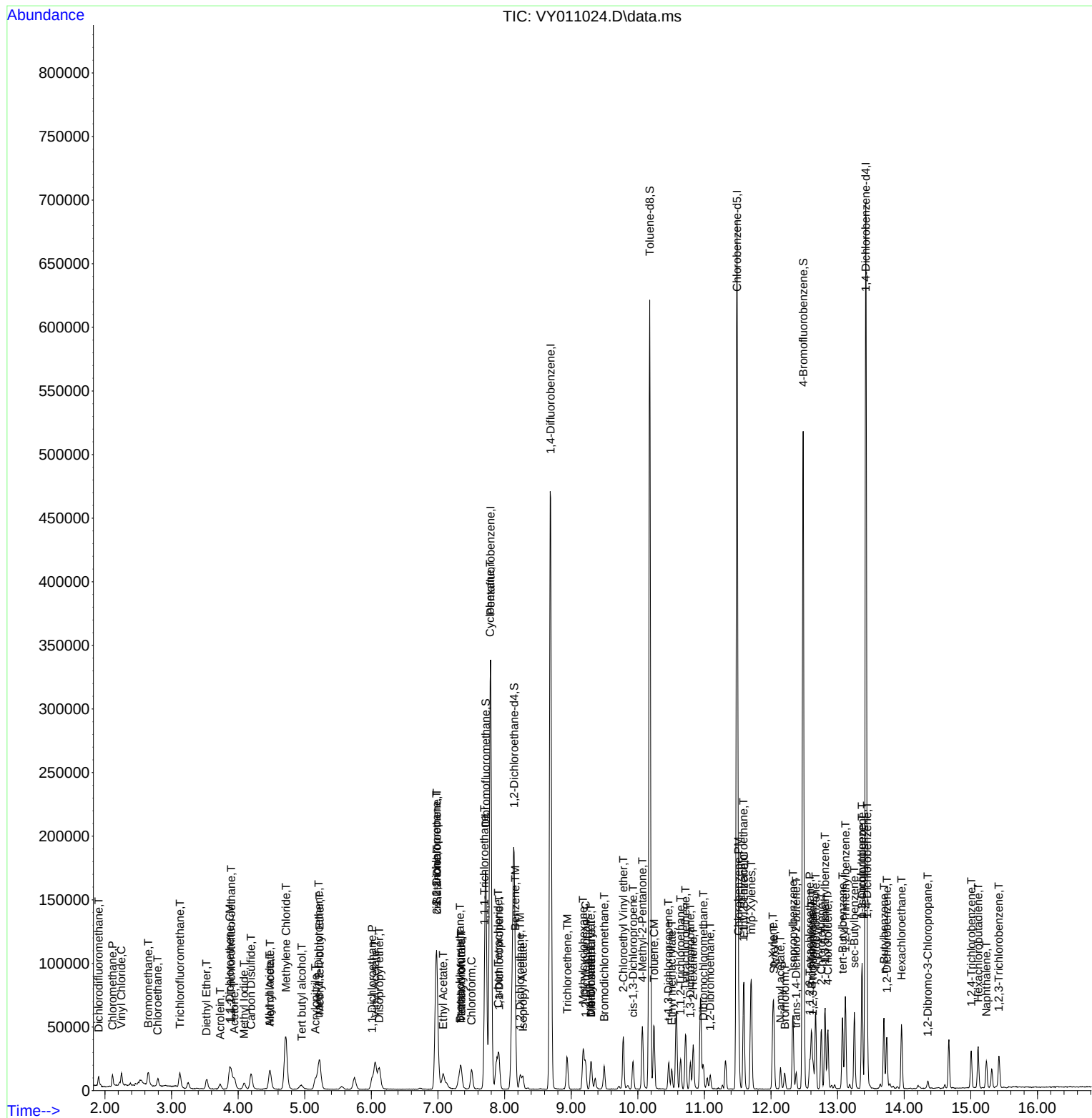
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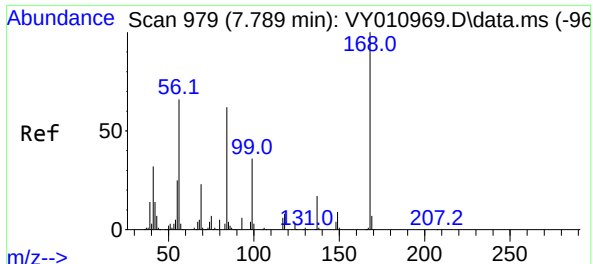
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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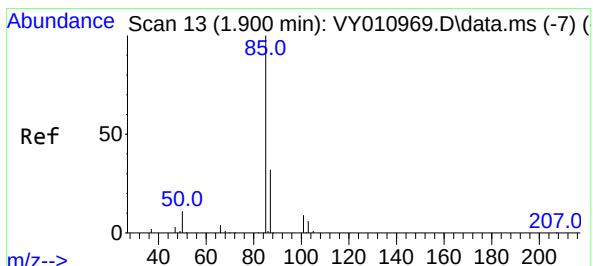
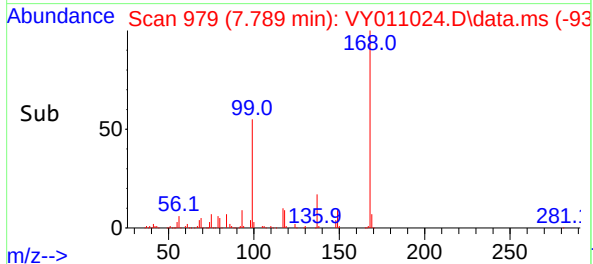
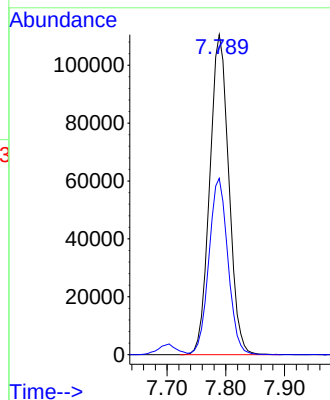
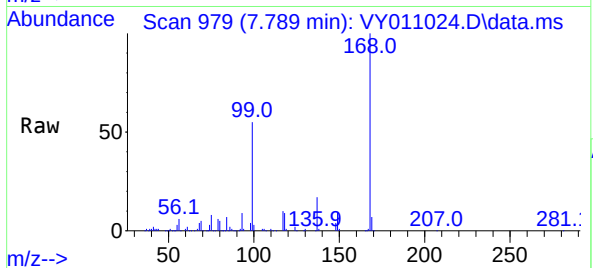




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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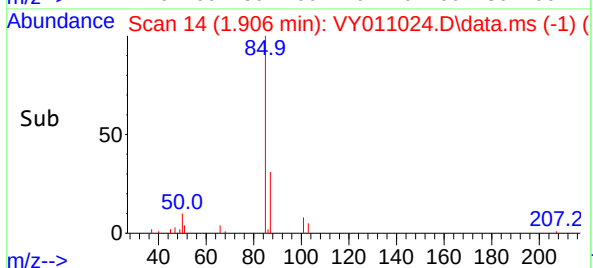
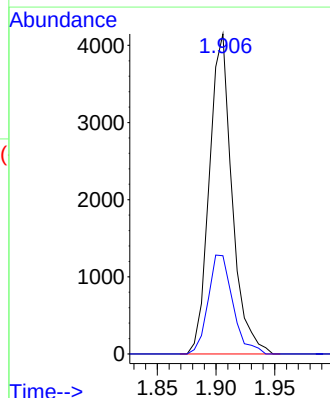
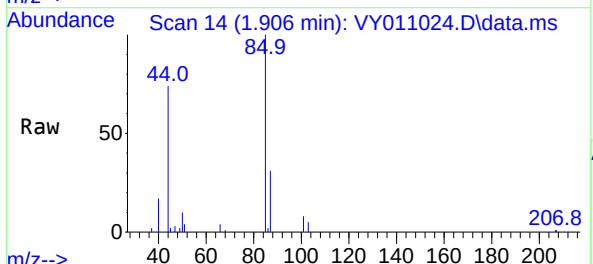
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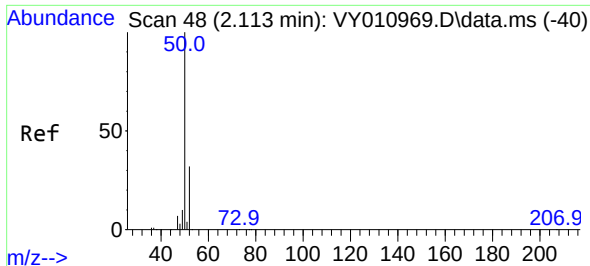
Tgt Ion:168 Resp: 249437
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 3.383 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 85 Resp: 5597
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.2

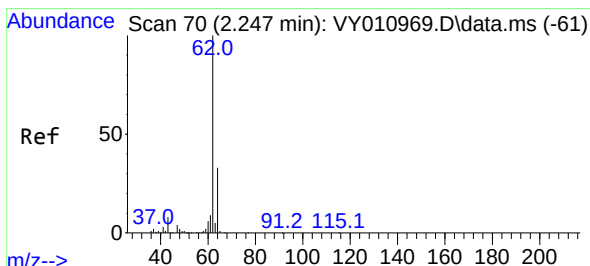
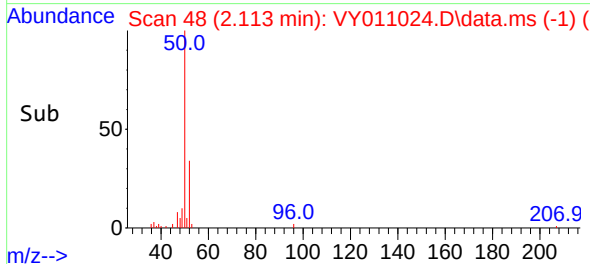
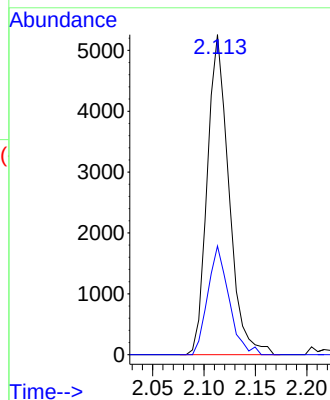
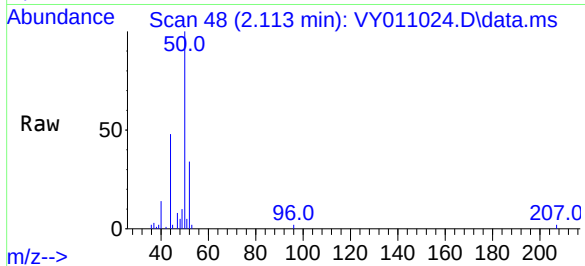




#3
Chloromethane
Concen: 3.244 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

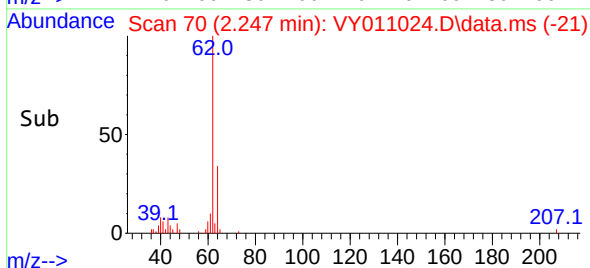
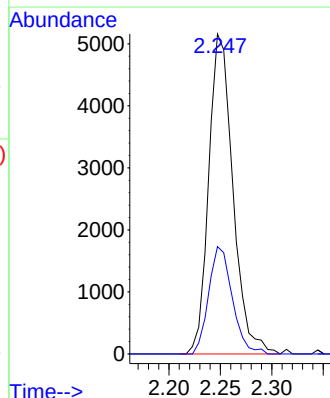
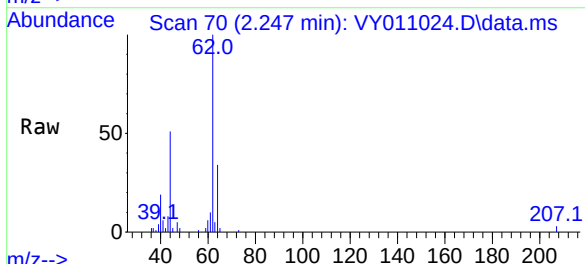
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ClientSampleId :
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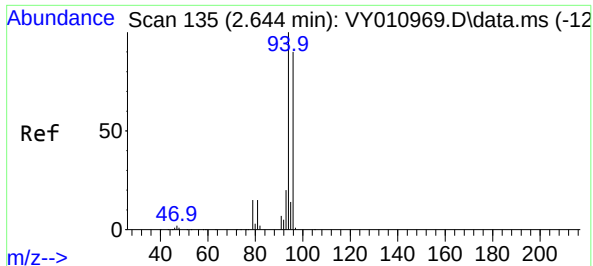
Tgt Ion: 50 Resp: 7700
Ion Ratio Lower Upper
50 100
52 33.9 24.6 37.0



#4
Vinyl Chloride
Concen: 3.135 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 62 Resp: 8434
Ion Ratio Lower Upper
62 100
64 33.6 25.0 37.6

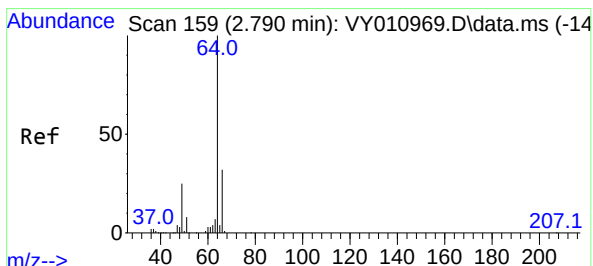
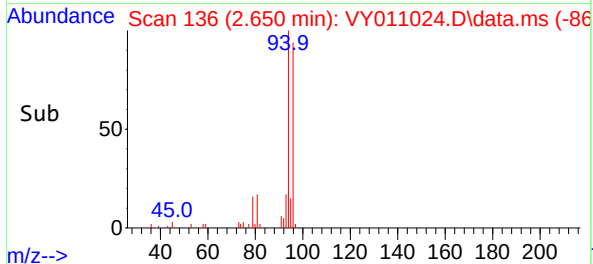
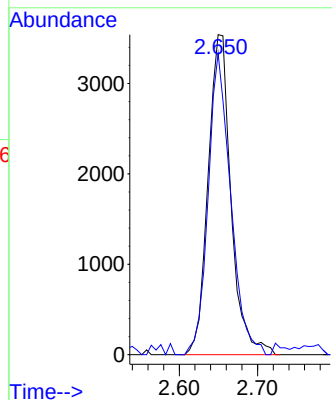
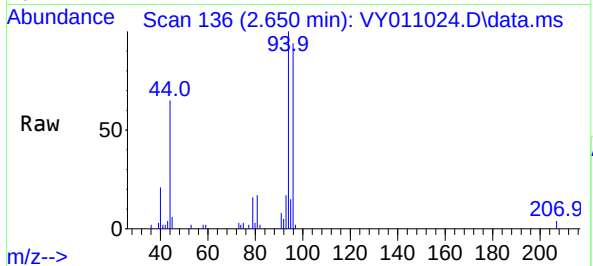




#5
Bromomethane
Concen: 3.861 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

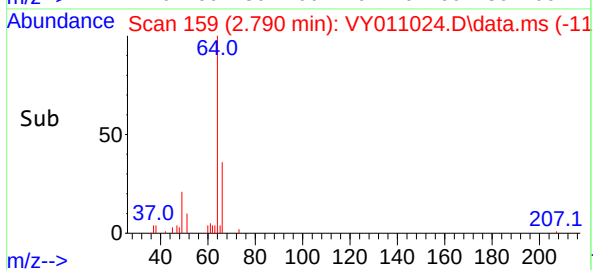
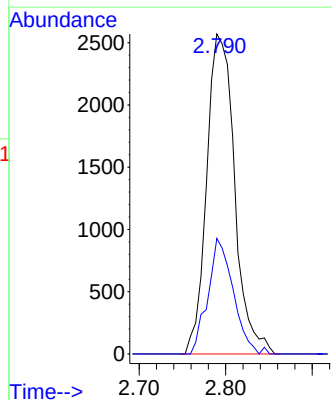
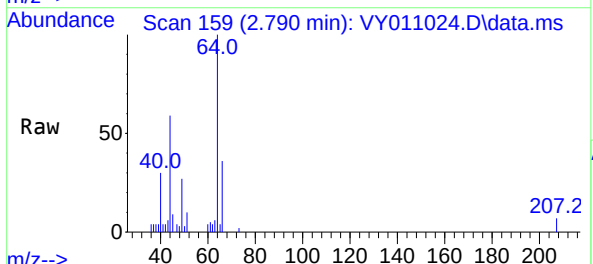
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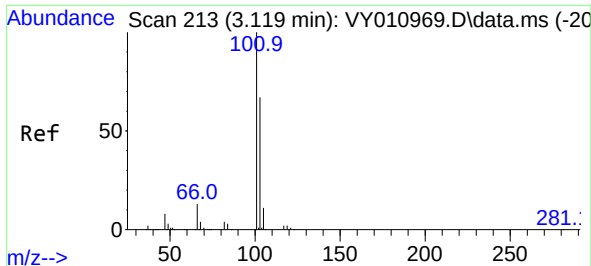
Tgt Ion: 94 Resp: 7185
Ion Ratio Lower Upper
94 100
96 94.1 73.5 110.3



#6
Chloroethane
Concen: 3.202 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 64 Resp: 5757
Ion Ratio Lower Upper
64 100
66 36.1 25.4 38.0

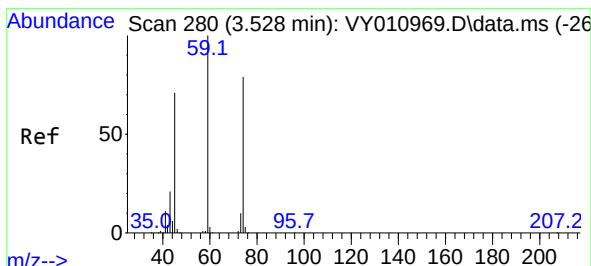
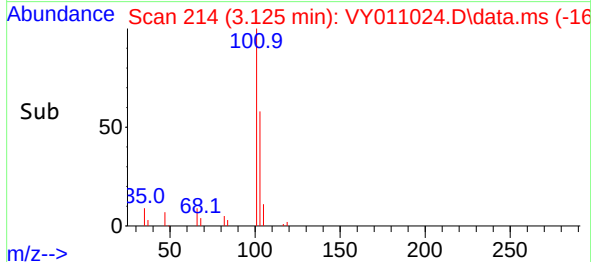
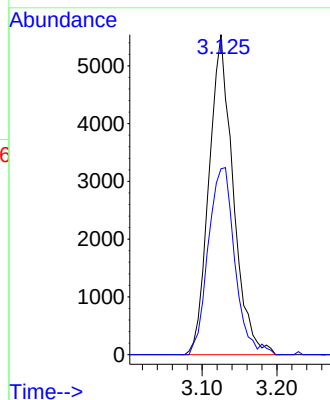
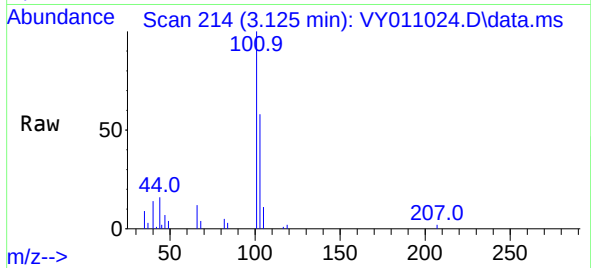




#7
Trichlorofluoromethane
Concen: 3.160 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

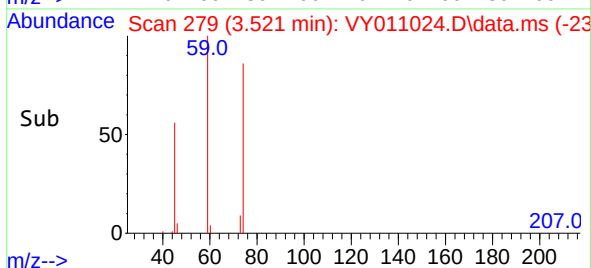
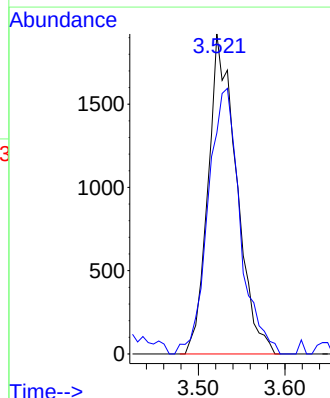
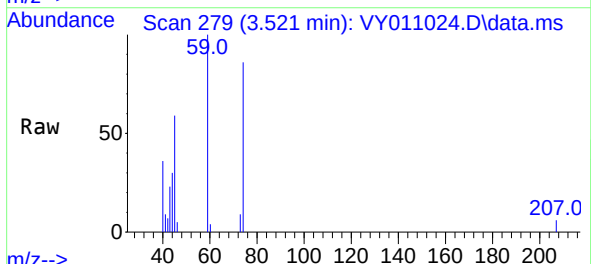
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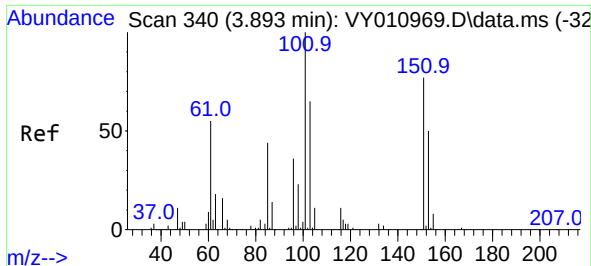
Tgt Ion:101 Resp: 12444
Ion Ratio Lower Upper
101 100
103 58.1 48.0 72.0



#8
Diethyl Ether
Concen: 2.972 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.007 min
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Acq: 20 Oct 2022 14:50

Tgt Ion: 74 Resp: 4368
Ion Ratio Lower Upper
74 100
45 93.5 55.1 165.5

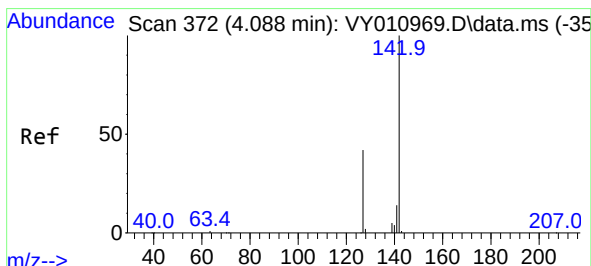
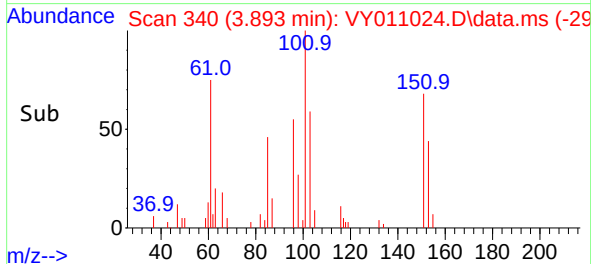
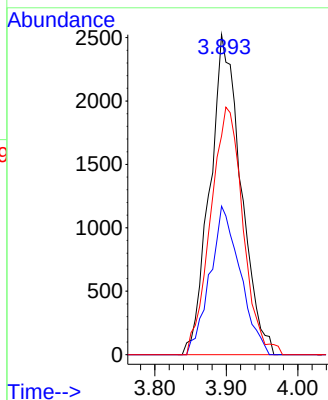
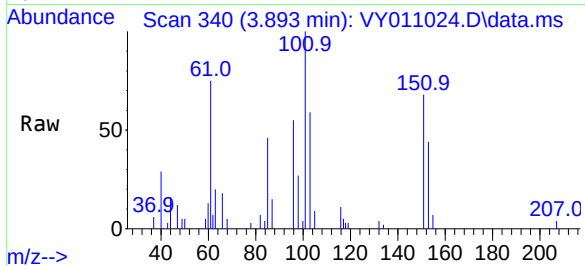




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.085 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

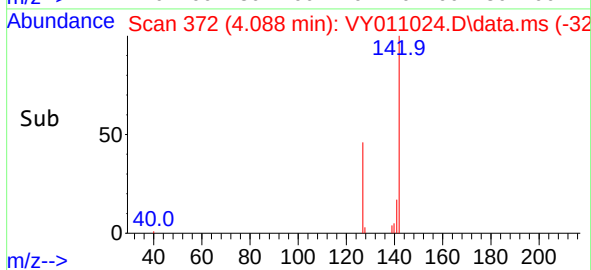
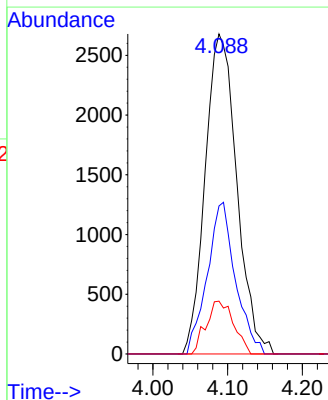
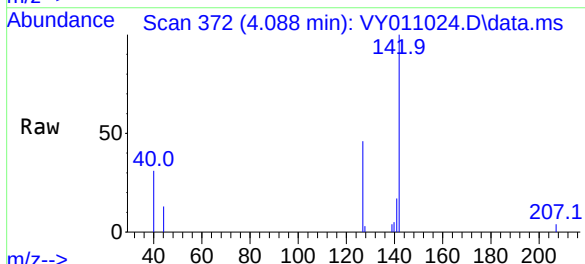
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

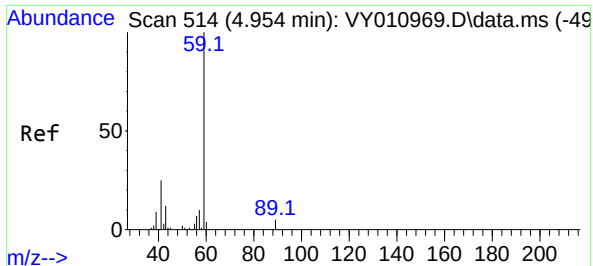
Tgt Ion:	101	Resp:	7621
Ion	Ratio	Lower	Upper
101	100		
85	45.2	40.6	60.8
151	80.4	64.9	97.3



#10
Methyl Iodide
Concen: 2.603 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion:	142	Resp:	7868
Ion	Ratio	Lower	Upper
142	100		
127	42.3	41.5	62.3
141	14.4	11.9	17.9

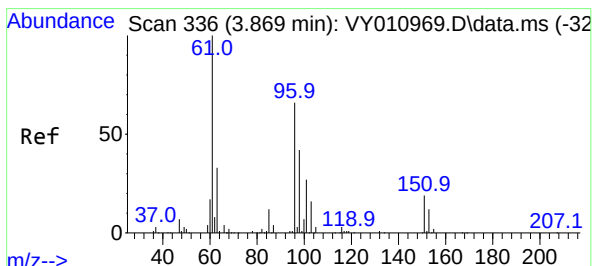
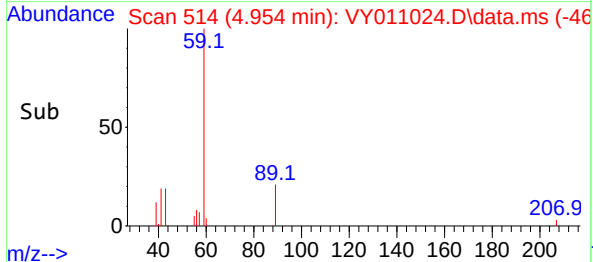
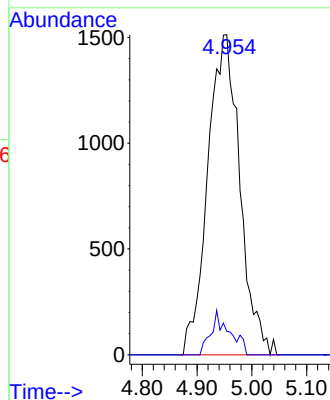
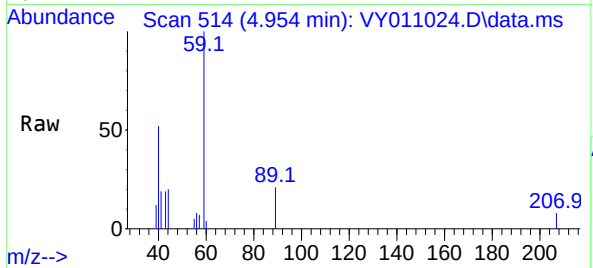




#11
Tert butyl alcohol
Concen: 2.334 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

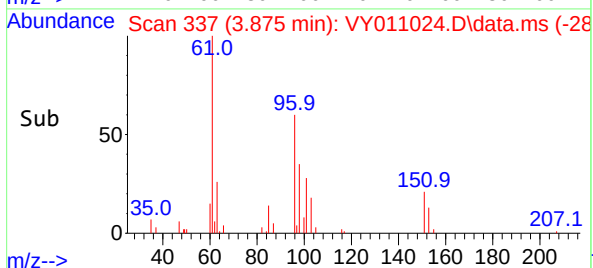
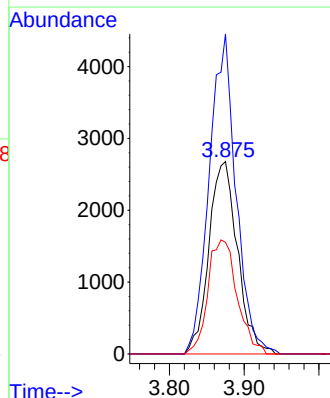
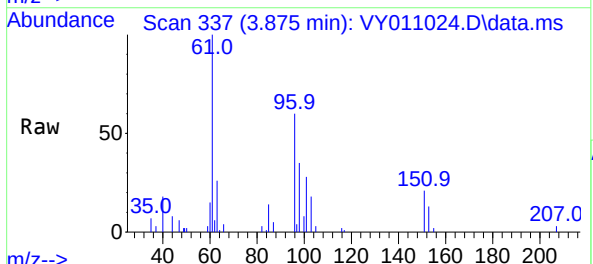
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

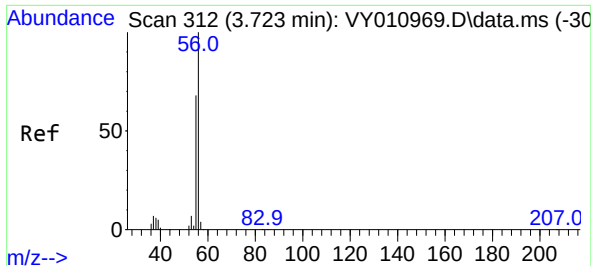
Tgt Ion: 59 Resp: 6164
Ion Ratio Lower Upper
59 100
57 8.0 6.4 9.6



#12
1,1-Dichloroethene
Concen: 3.009 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 96 Resp: 7121
Ion Ratio Lower Upper
96 100
61 166.3 145.8 218.6
98 58.0 52.5 78.7

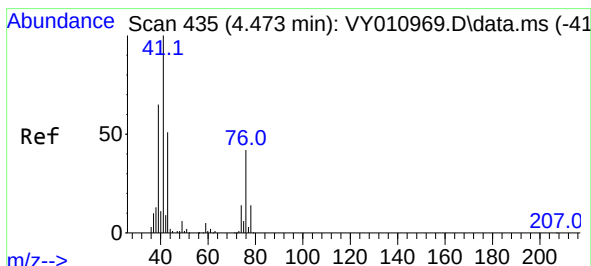
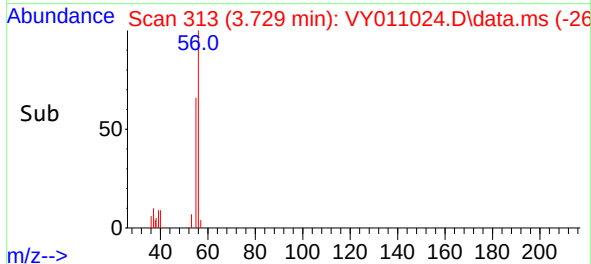
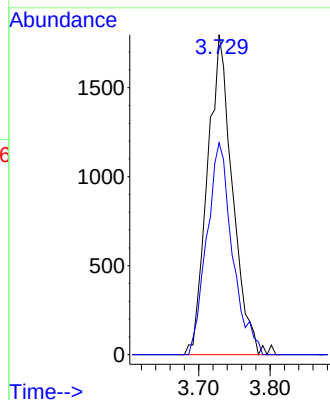
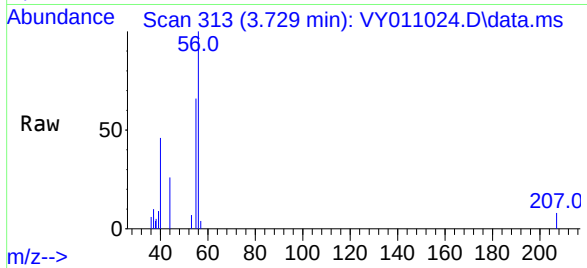




#13
Acrolein
Concen: 11.819 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

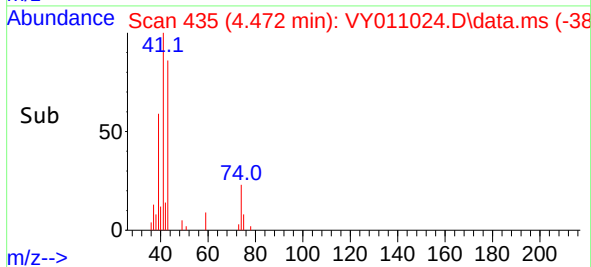
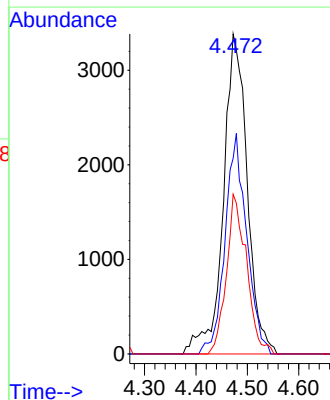
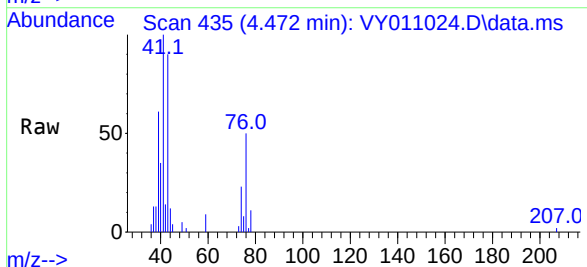
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

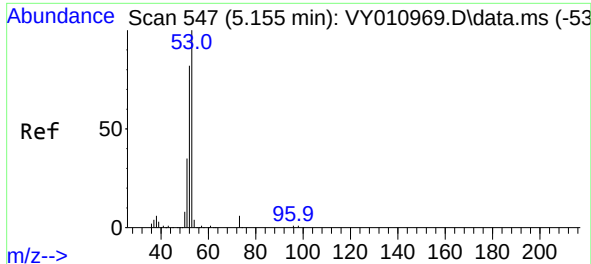
Tgt Ion: 56 Resp: 4378
Ion Ratio Lower Upper
56 100
55 67.5 57.6 86.4



#14
Allyl chloride
Concen: 2.910 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 41 Resp: 10919
Ion Ratio Lower Upper
41 100
39 62.4 58.8 88.2
76 42.1 25.1 37.7#





#15

Acrylonitrile

Concen: 15.487 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

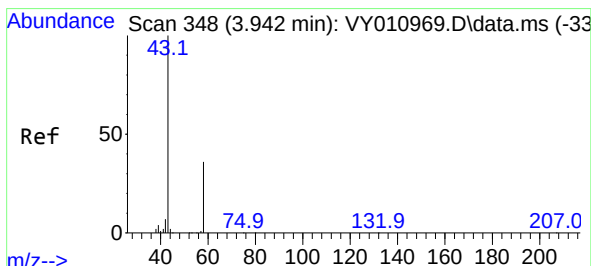
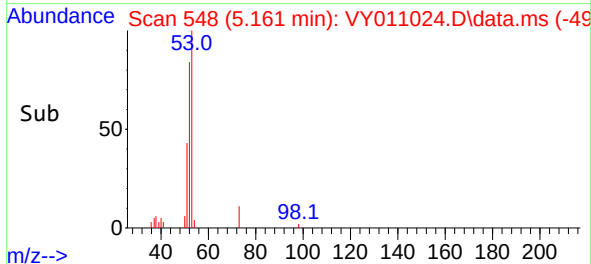
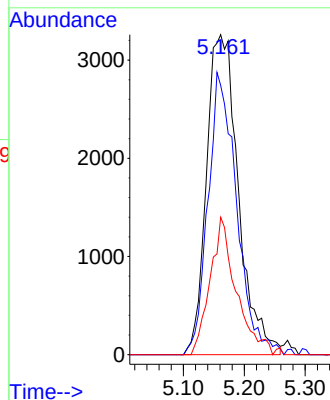
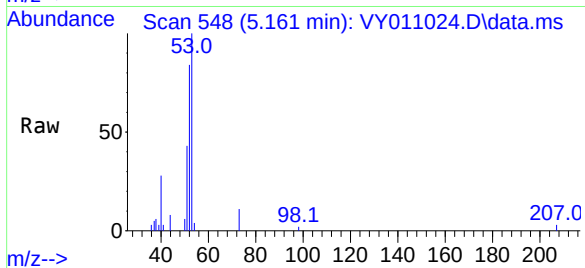
Tgt Ion: 53 Resp: 11863

Ion Ratio Lower Upper

53 100

52 79.2 67.0 100.4

51 35.4 29.8 44.6



#16

Acetone

Concen: 19.299 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY011024.D

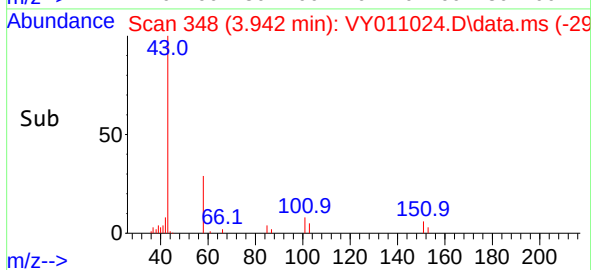
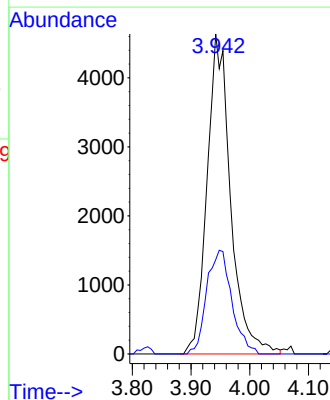
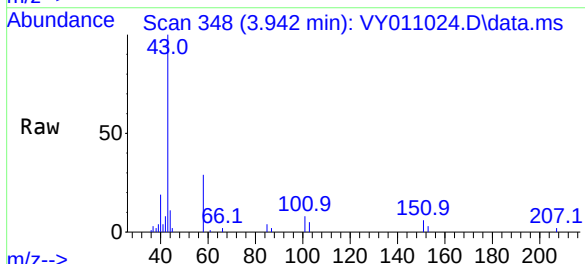
Acq: 20 Oct 2022 14:50

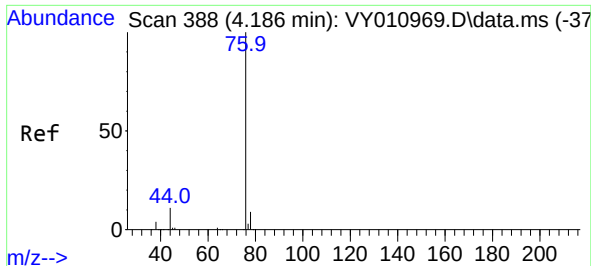
Tgt Ion: 43 Resp: 12877

Ion Ratio Lower Upper

43 100

58 29.4 22.0 33.0

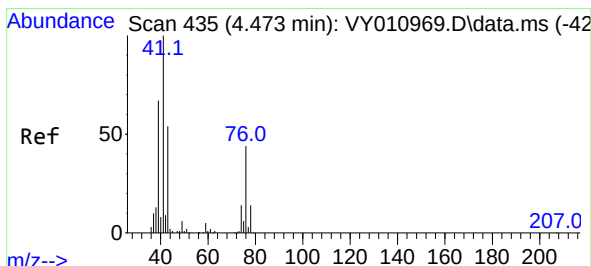
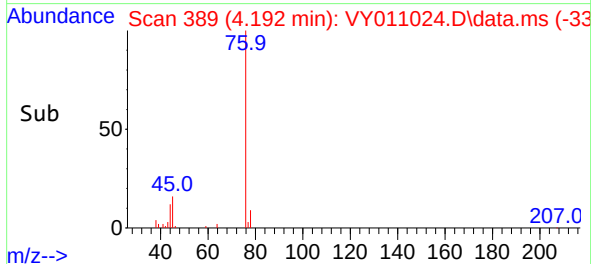
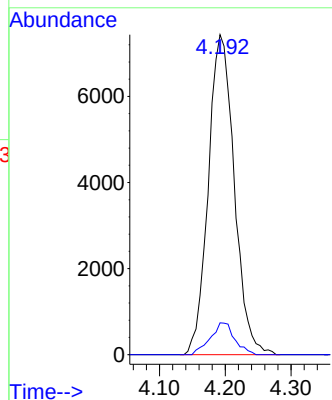
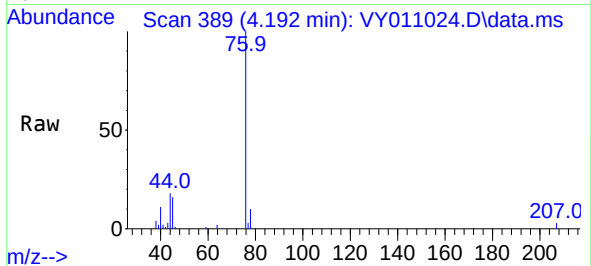




#17
Carbon Disulfide
Concen: 2.944 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

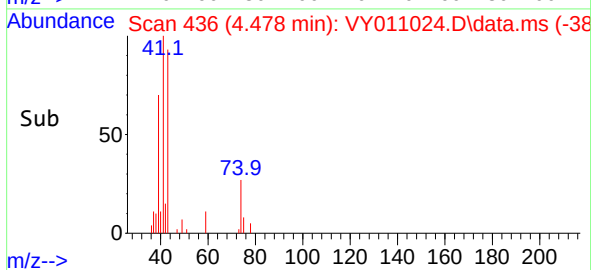
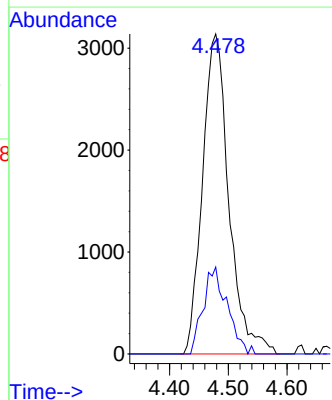
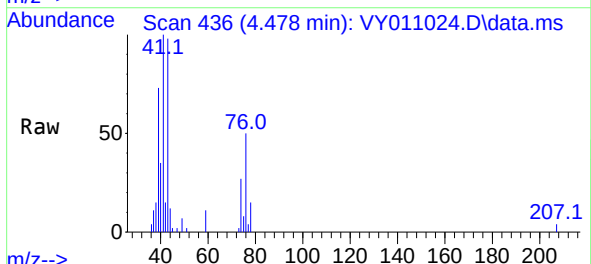
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

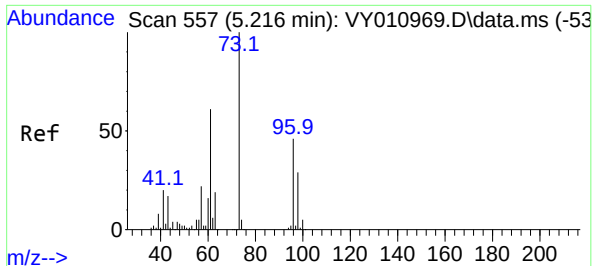
Tgt Ion: 76 Resp: 20424
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 2.545 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 43 Resp: 9798
Ion Ratio Lower Upper
43 100
74 24.8 16.6 24.8

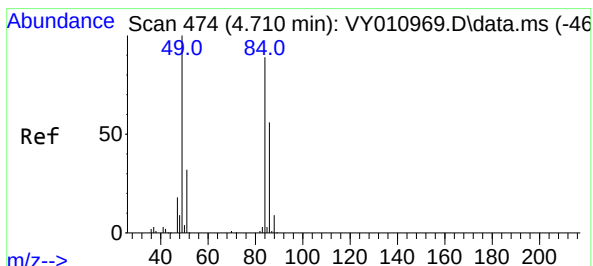
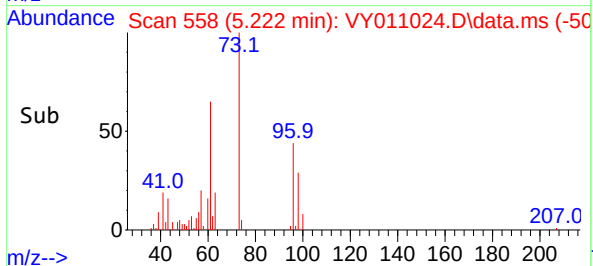
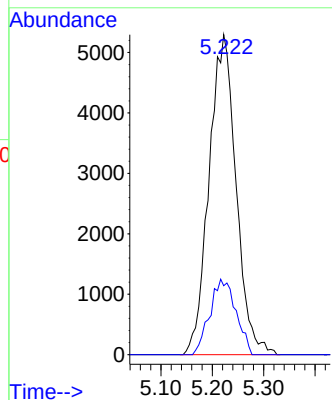
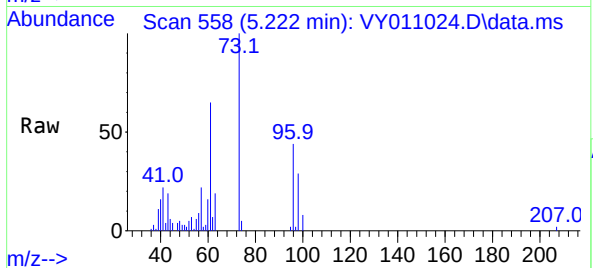




#19
Methyl tert-butyl Ether
Concen: 2.925 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

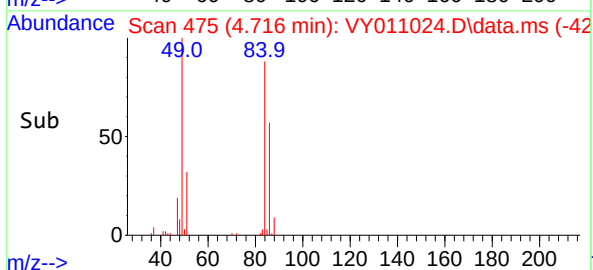
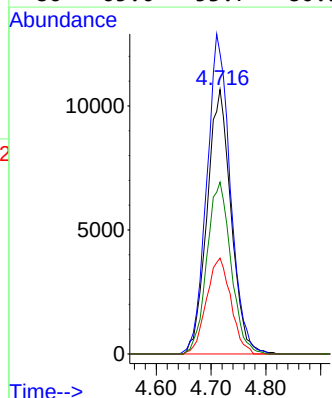
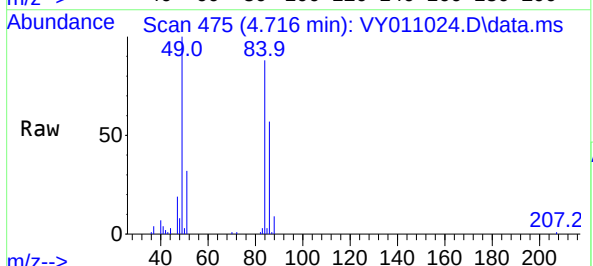
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

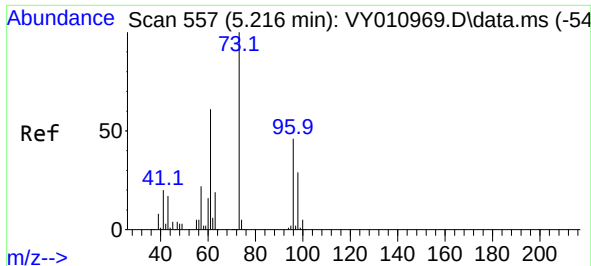
Tgt Ion: 73 Resp: 19337
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8



#20
Methylene Chloride
Concen: 5.539 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 84 Resp: 32440
Ion Ratio Lower Upper
84 100
49 113.6 114.4 171.6#
51 36.3 35.3 52.9
86 65.0 53.7 80.5

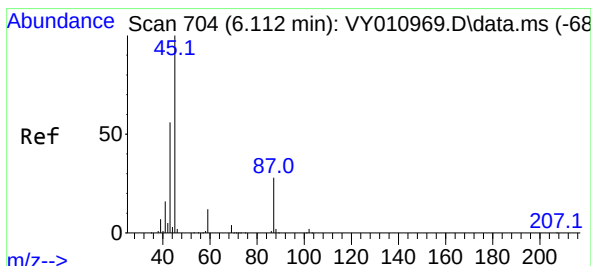
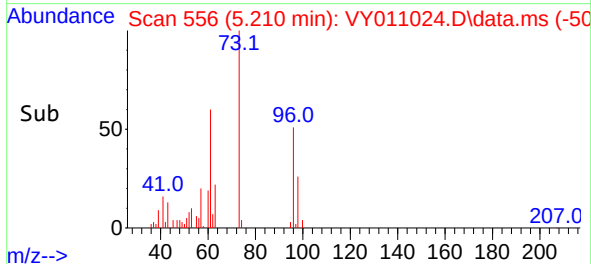
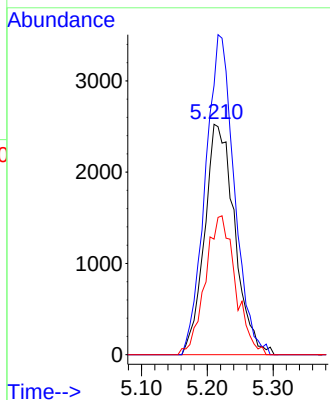
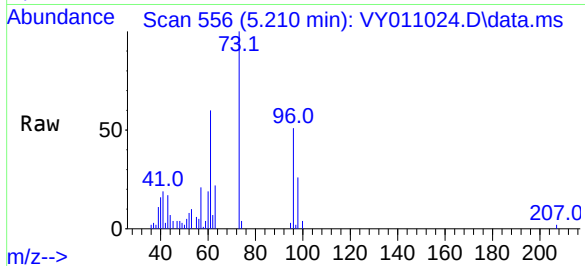




#21
trans-1,2-Dichloroethene
Concen: 3.013 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

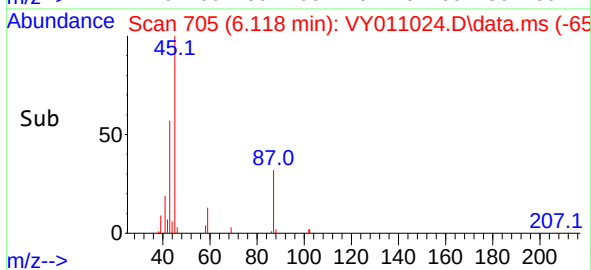
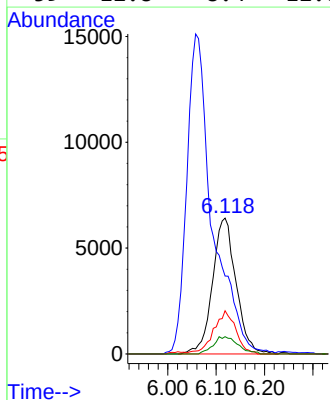
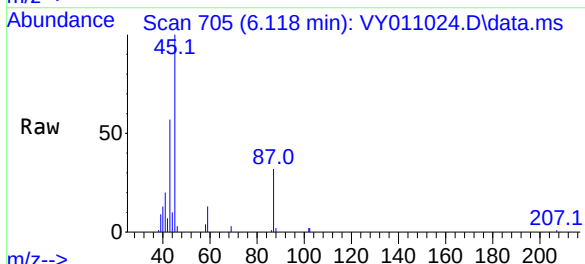
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

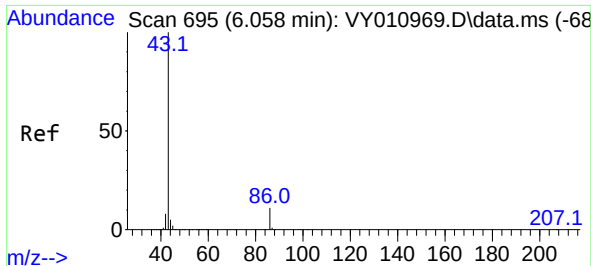
Tgt Ion: 96 Resp: 8048
Ion Ratio Lower Upper
96 100
61 116.8 120.5 180.7#
98 50.1 49.8 74.8



#22
Diisopropyl ether
Concen: 2.695 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 45 Resp: 21660
Ion Ratio Lower Upper
45 100
43 55.7 49.3 73.9
87 31.8 19.2 28.8#
59 12.8 8.4 12.6#

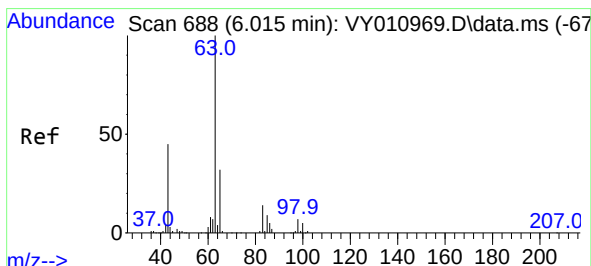
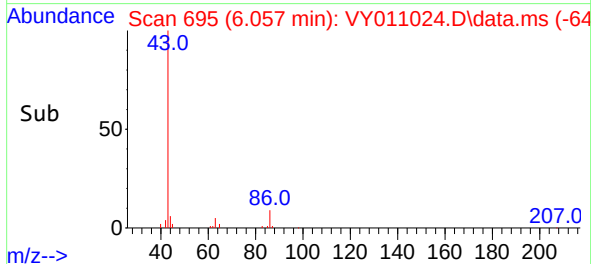
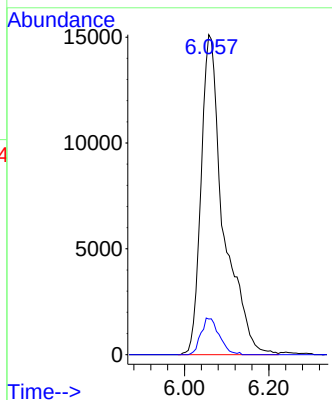
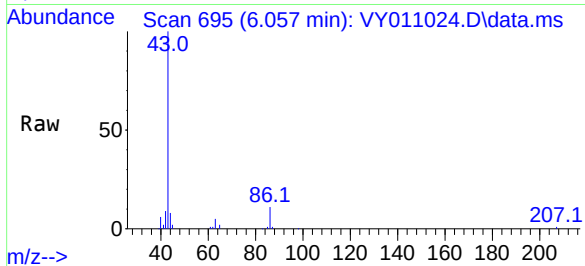




#23
 Vinyl Acetate
 Concen: 11.637 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY011024.D
 Acq: 20 Oct 2022 14:50

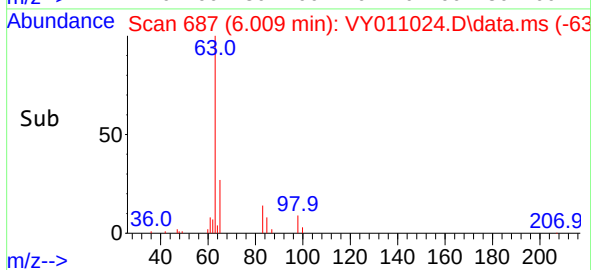
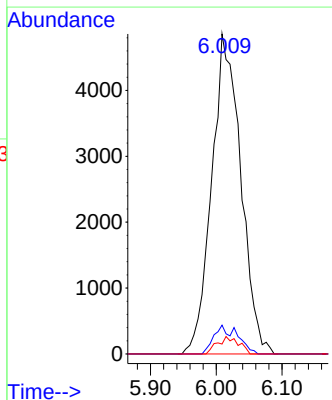
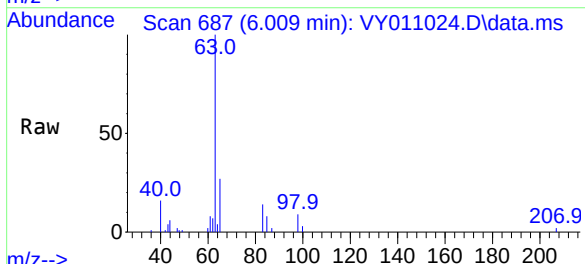
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

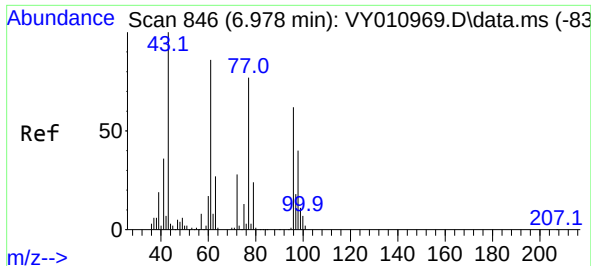
Tgt Ion: 43 Resp: 55921
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 3.079 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY011024.D
 Acq: 20 Oct 2022 14:50

Tgt Ion: 63 Resp: 14941
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.8
 100 3.1 2.0 5.8





#25

2-Butanone

Concen: 19.208 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

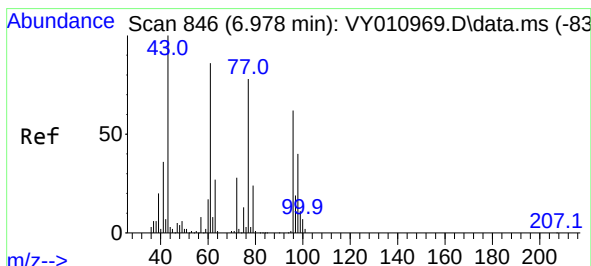
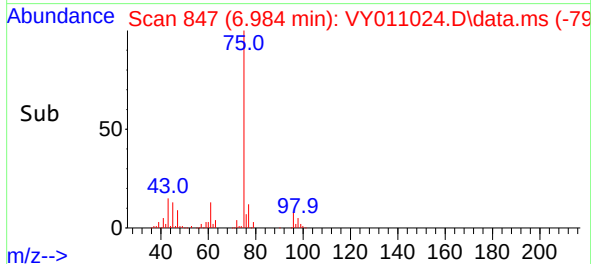
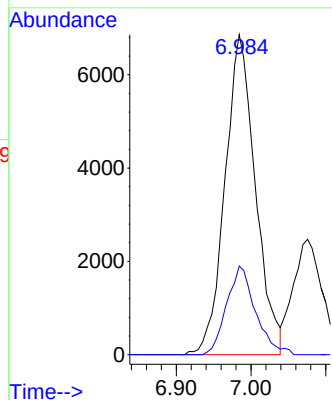
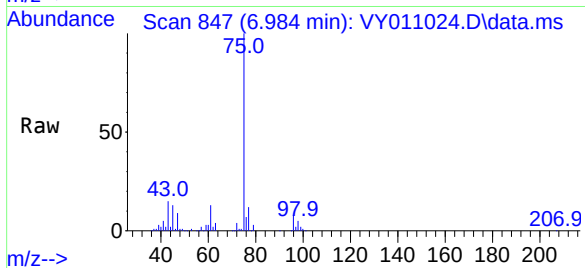
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 43 Resp: 19436

Ion Ratio Lower Upper

43 100

72 27.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 4.300 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011024.D

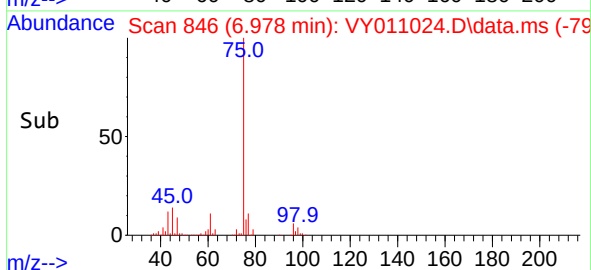
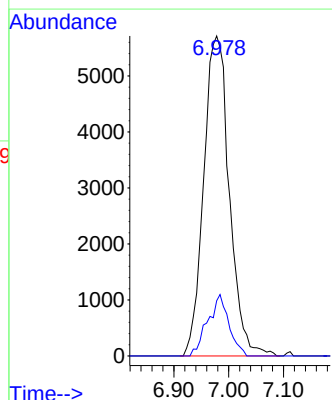
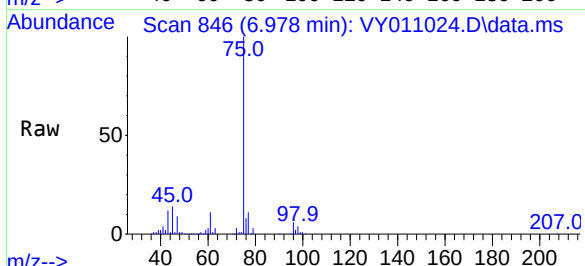
Acq: 20 Oct 2022 14:50

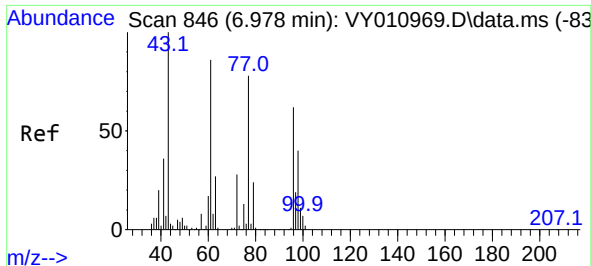
Tgt Ion: 77 Resp: 18529

Ion Ratio Lower Upper

77 100

97 15.9 10.4 31.4

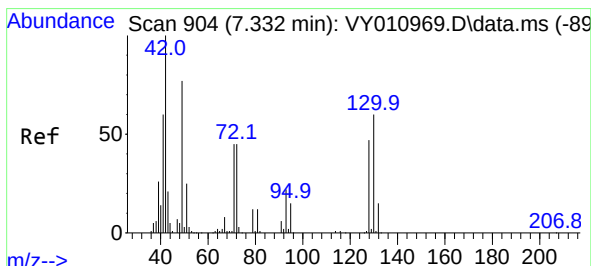
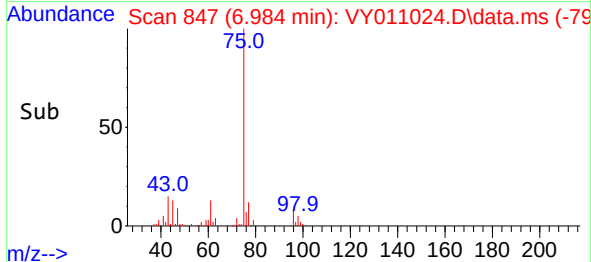
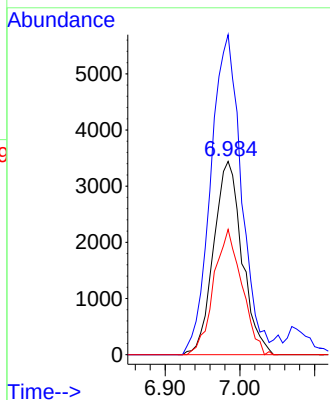
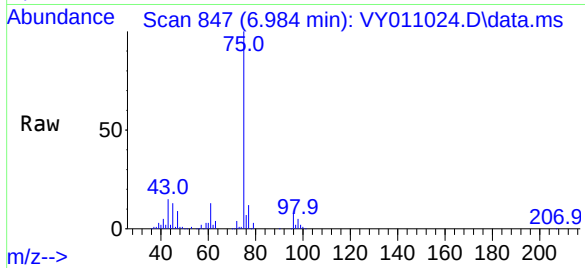




#27
 cis-1,2-Dichloroethene
 Concen: 2.963 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY011024.D
 Acq: 20 Oct 2022 14:50

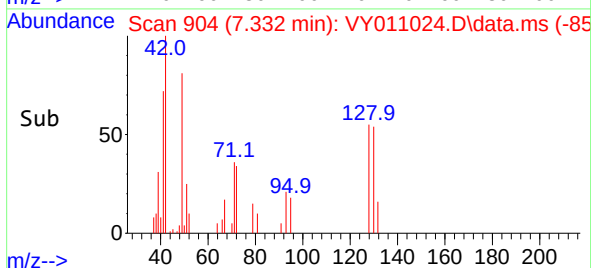
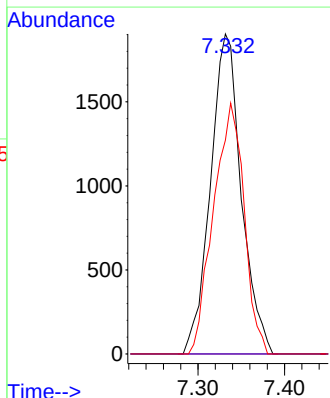
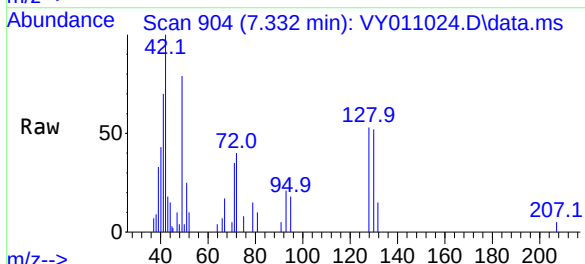
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

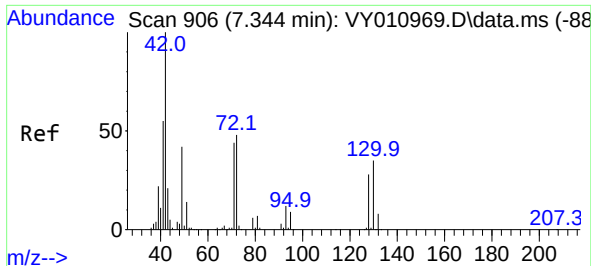
Tgt Ion: 96 Resp: 9122
 Ion Ratio Lower Upper
 96 100
 61 179.0 0.0 319.8
 98 64.2 0.0 127.0



#28
 Bromochloromethane
 Concen: 6.068 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011024.D
 Acq: 20 Oct 2022 14:50

Tgt Ion: 49 Resp: 4712
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.2
 130 77.5 55.4 83.0

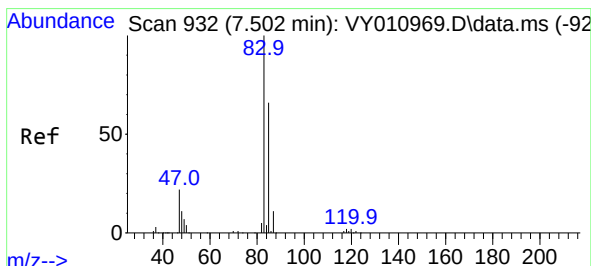
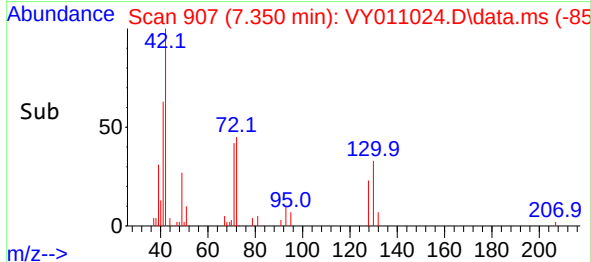
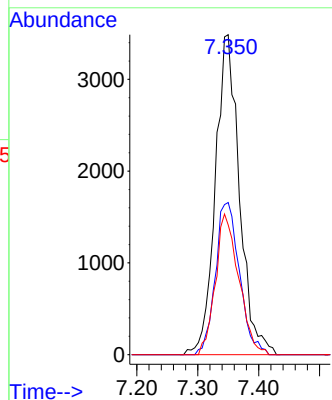
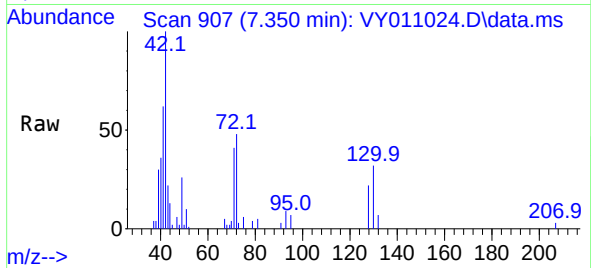




#29
Tetrahydrofuran
Concen: 15.375 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

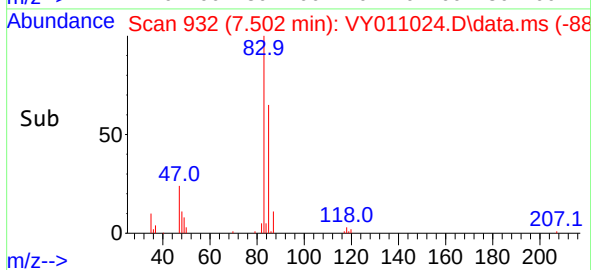
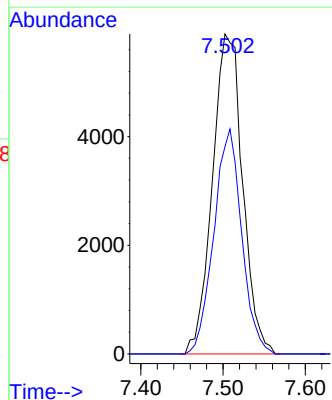
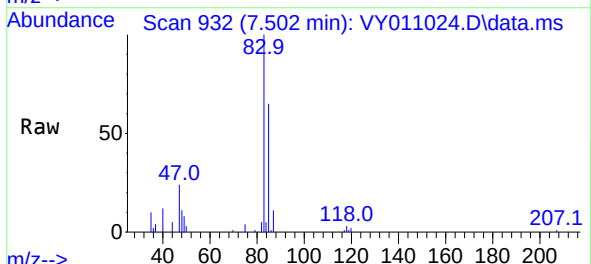
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

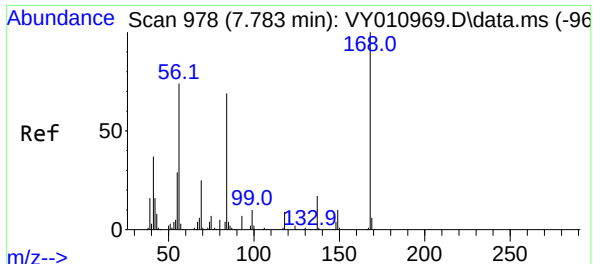
Tgt Ion: 42 Resp: 9572
Ion Ratio Lower Upper
42 100
72 47.5 30.3 45.5#
71 42.6 29.0 43.4



#30
Chloroform
Concen: 3.073 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 83 Resp: 15031
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.6

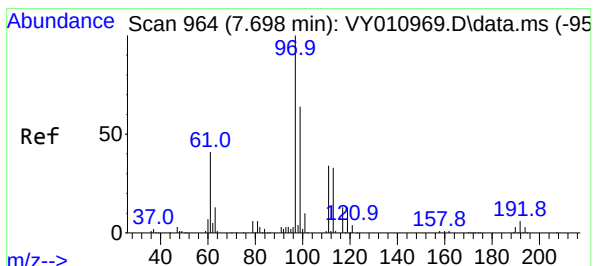
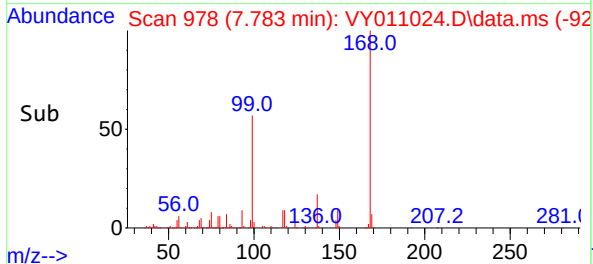
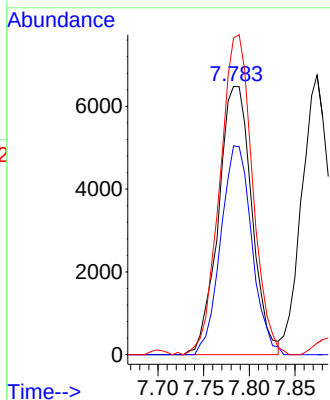
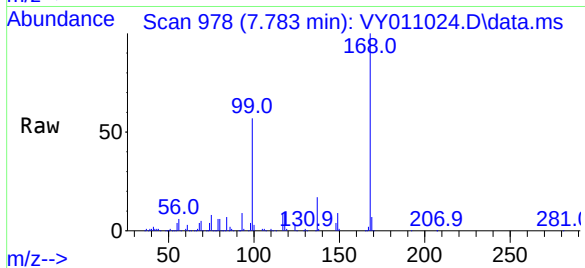




#31
Cyclohexane
Concen: 3.743 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

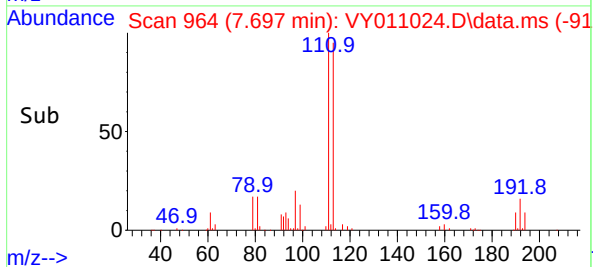
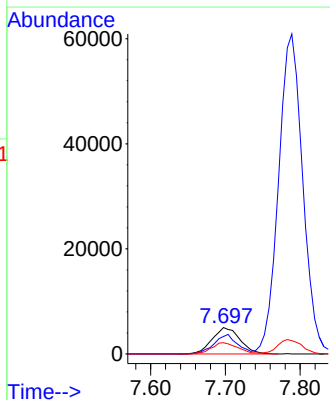
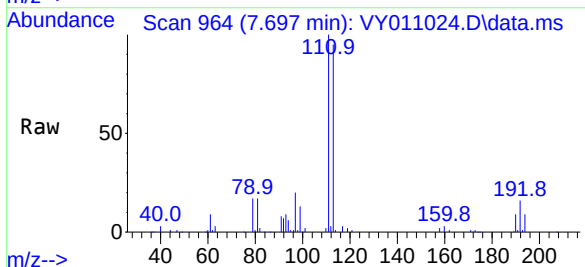
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

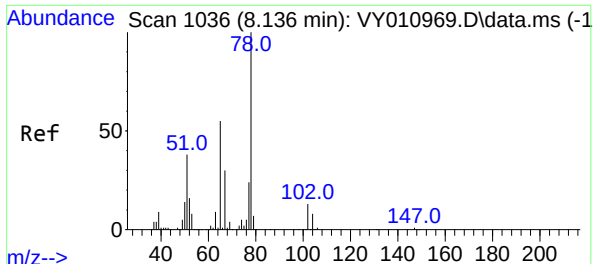
Tgt Ion: 56 Resp: 16458
Ion Ratio Lower Upper
56 100
69 77.8 26.7 40.1#
84 117.2 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 3.005 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 97 Resp: 12918
Ion Ratio Lower Upper
97 100
99 62.1 50.7 76.1
61 40.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 50.478 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

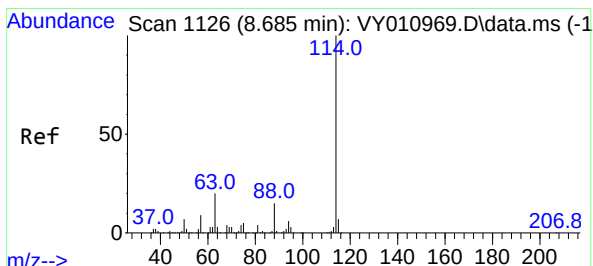
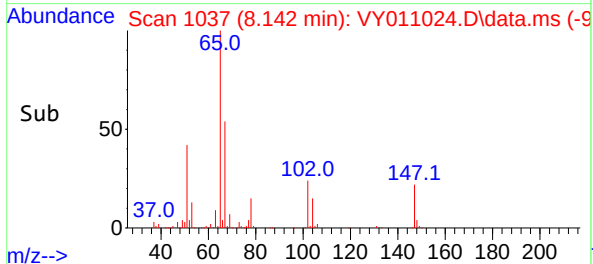
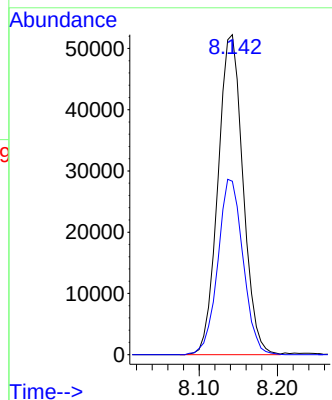
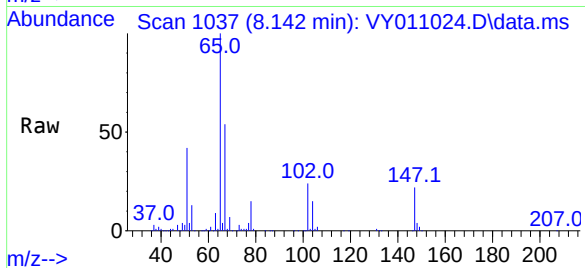
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 65 Resp: 115983

Ion Ratio Lower Upper

65 100

67 55.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

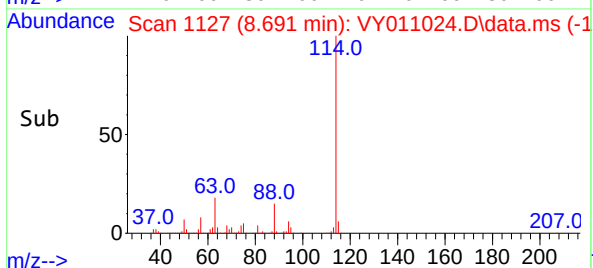
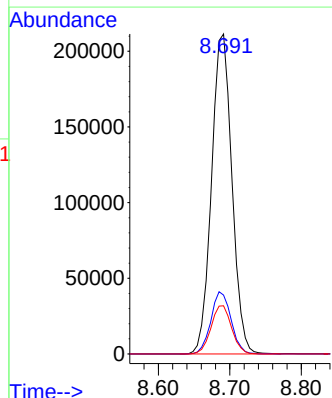
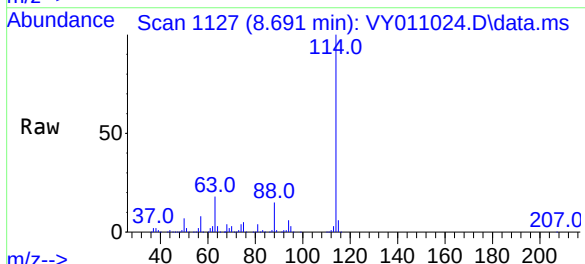
Tgt Ion: 114 Resp: 419058

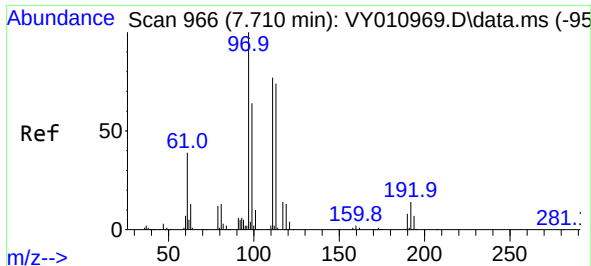
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.1 0.0 31.8

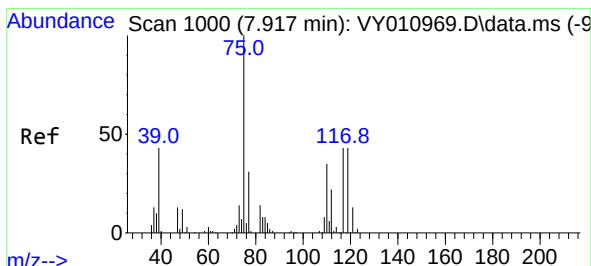
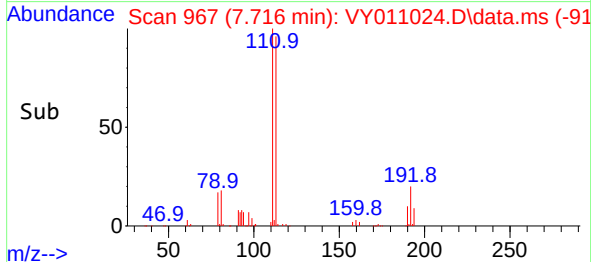
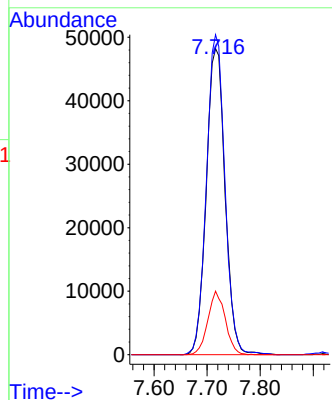
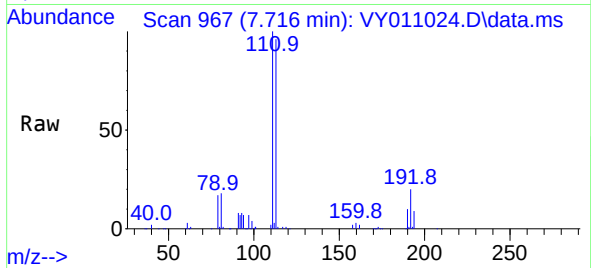




#35
Dibromofluoromethane
Concen: 50.720 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

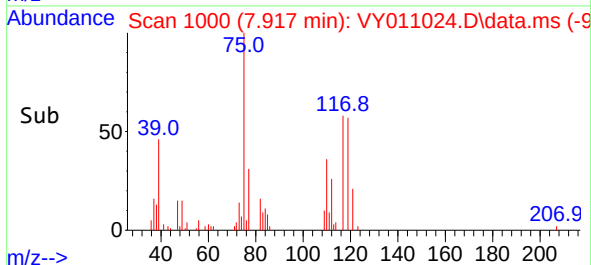
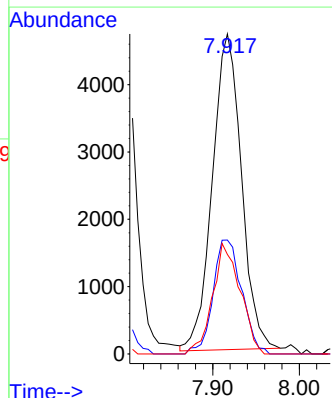
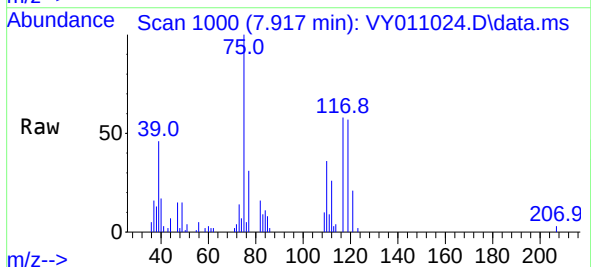
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

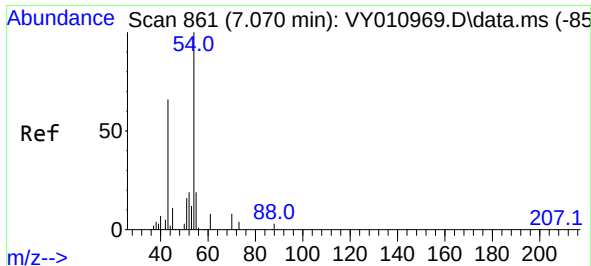
Tgt Ion:113 Resp: 118407
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 2.803 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 75 Resp: 10935
Ion Ratio Lower Upper
75 100
110 35.7 17.1 51.2
77 33.2 24.4 36.6





#37

Ethyl Acetate

Concen: 3.100 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

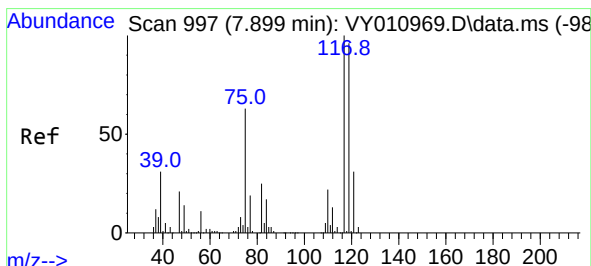
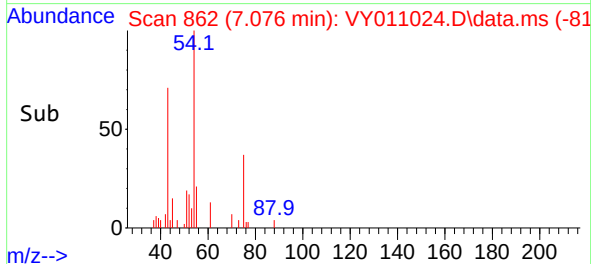
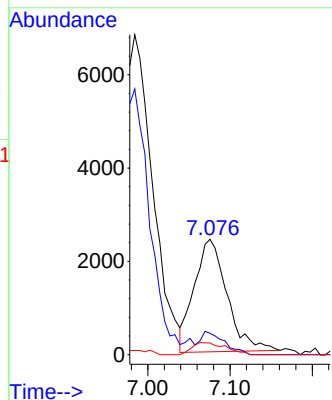
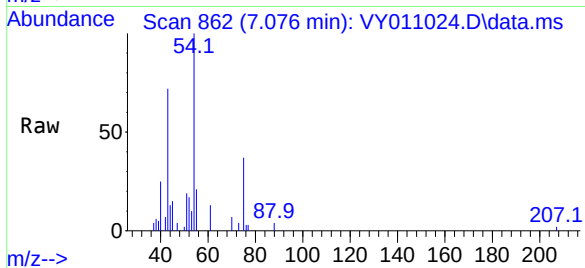
Tgt Ion: 43 Resp: 6695

Ion Ratio Lower Upper

43 100

61 14.8 9.7 14.5#

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 2.891 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

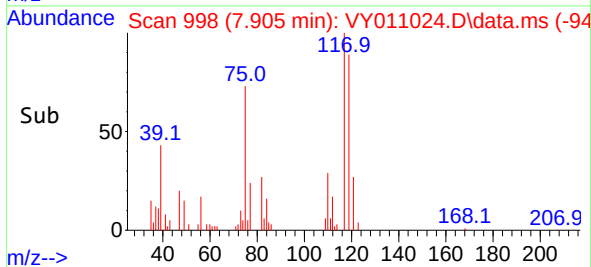
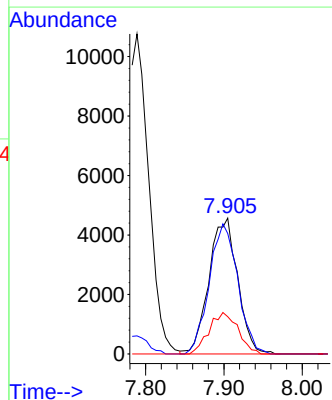
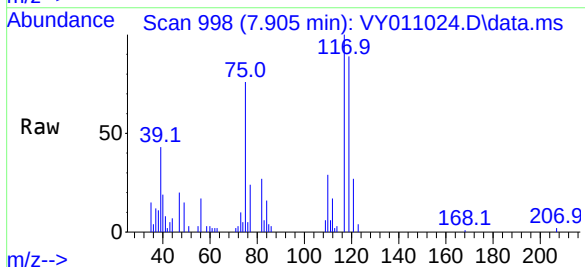
Tgt Ion: 117 Resp: 11640

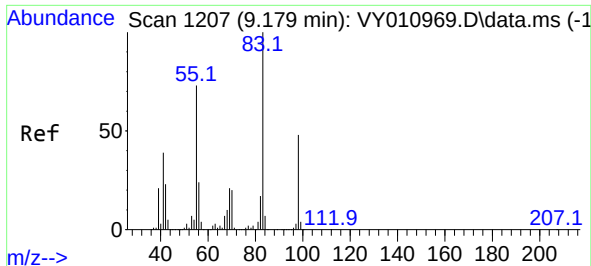
Ion Ratio Lower Upper

117 100

119 88.7 77.9 116.9

121 27.4 24.8 37.2





#39

Methylcyclohexane

Concen: 2.800 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

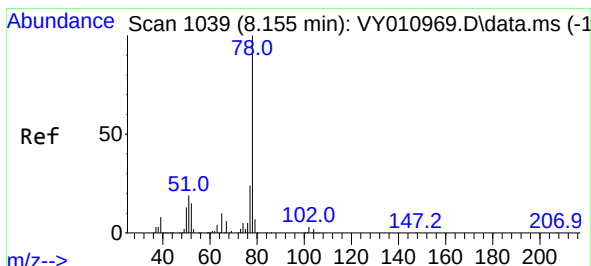
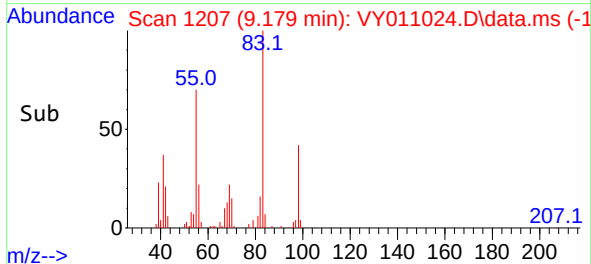
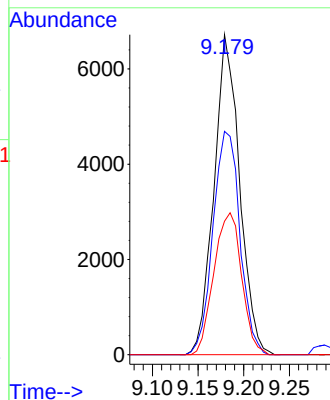
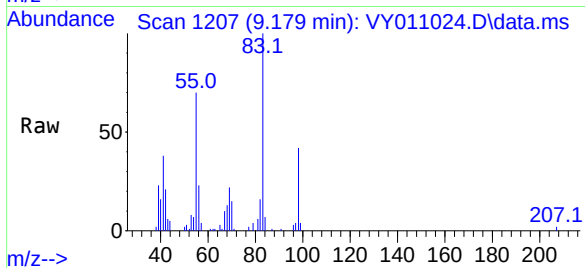
Tgt Ion: 83 Resp: 13083

Ion Ratio Lower Upper

83 100

55 69.8 66.5 99.7

98 41.7 37.9 56.9



#40

Benzene

Concen: 2.929 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY011024.D

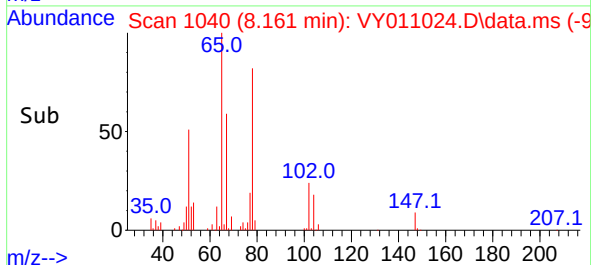
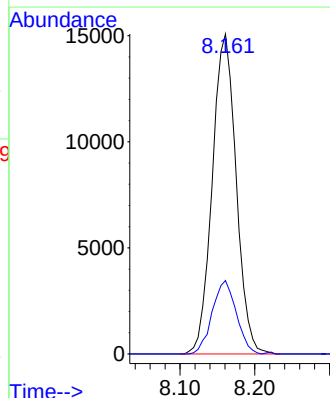
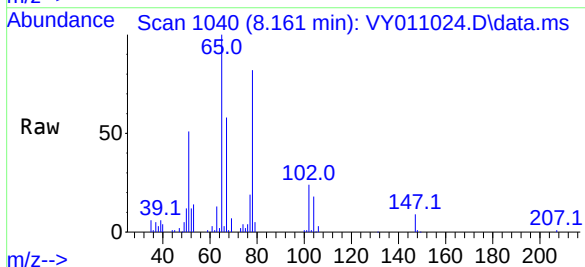
Acq: 20 Oct 2022 14:50

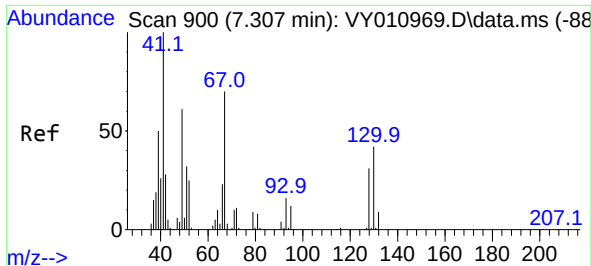
Tgt Ion: 78 Resp: 33522

Ion Ratio Lower Upper

78 100

77 22.9 20.4 30.6

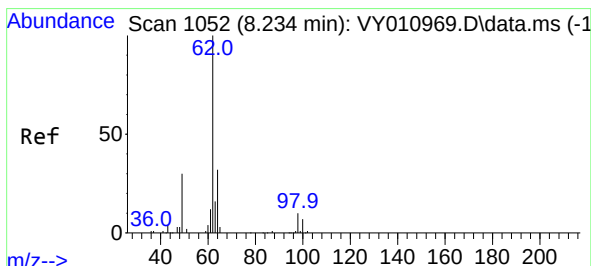
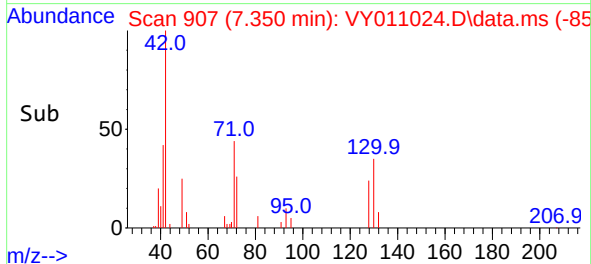
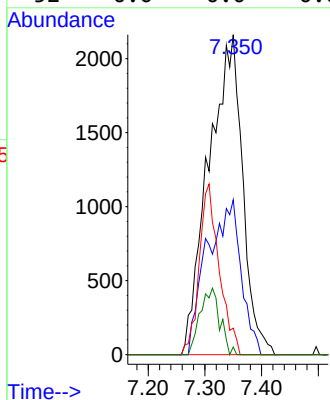
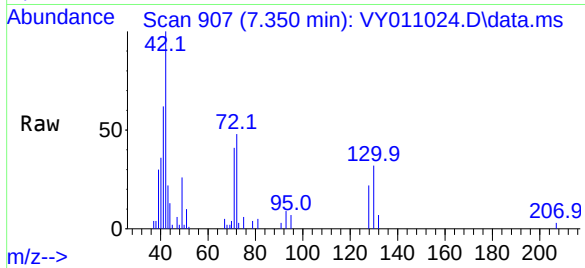




#41
Methacrylonitrile
Concen: 7.661 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

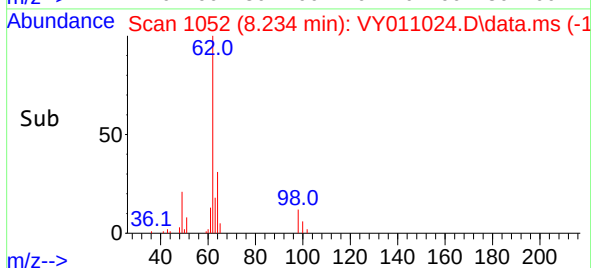
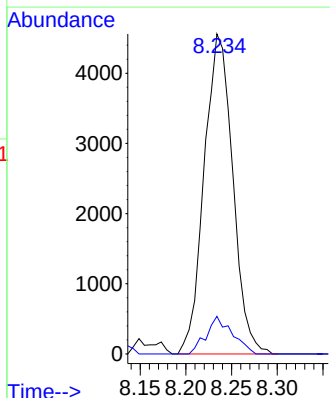
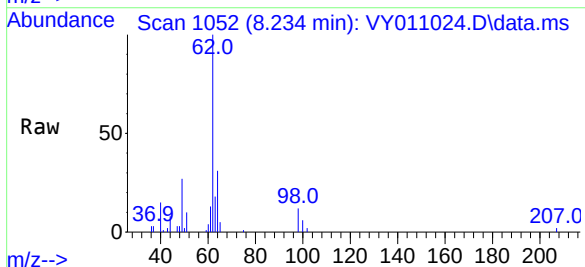
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

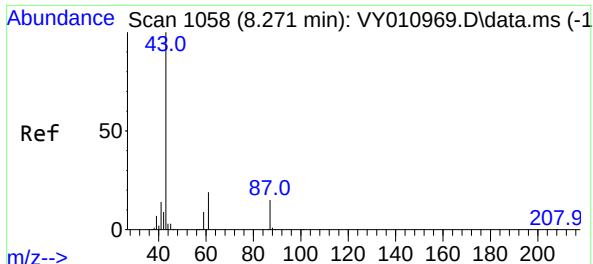
Tgt Ion: 41 Resp: 8966
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 3.131 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 62 Resp: 9929
Ion Ratio Lower Upper
62 100
98 10.7 0.0 14.8





#43

Isopropyl Acetate

Concen: 2.893 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

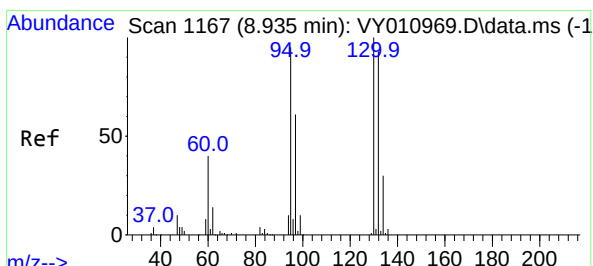
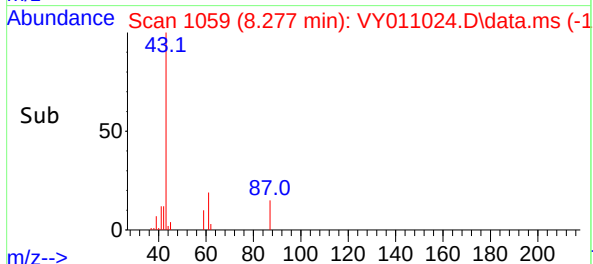
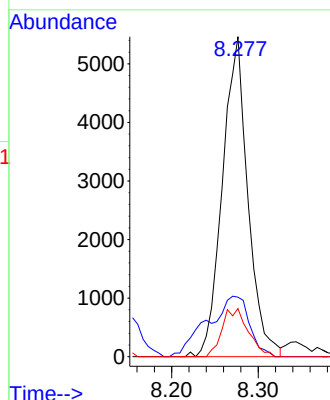
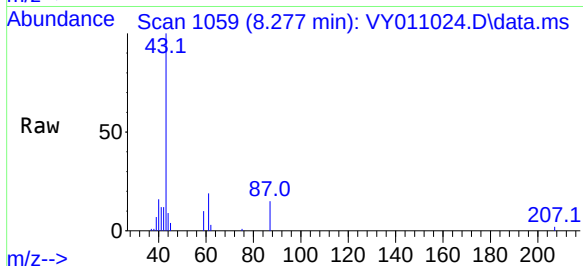
Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:	43	Resp:	11164
Ion	Ratio	Lower	Upper
43	100		
61	31.1	20.2	30.2#
87	15.5	8.9	13.3#



#44

Trichloroethene

Concen: 2.904 ug/l

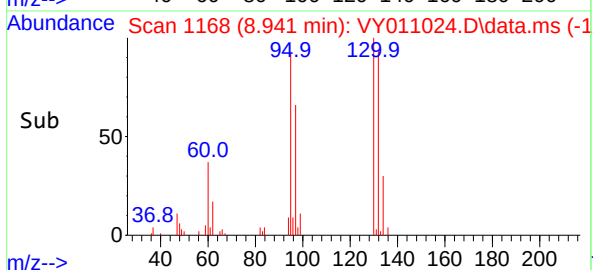
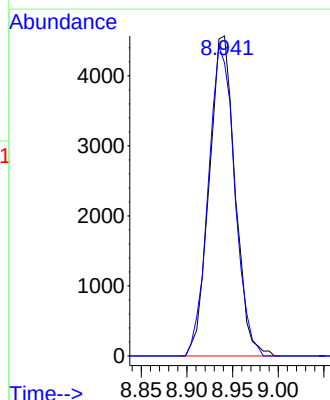
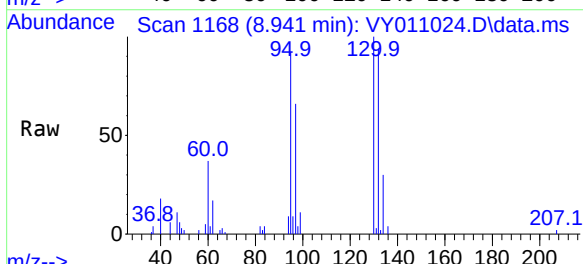
RT: 8.941 min Scan# 1168

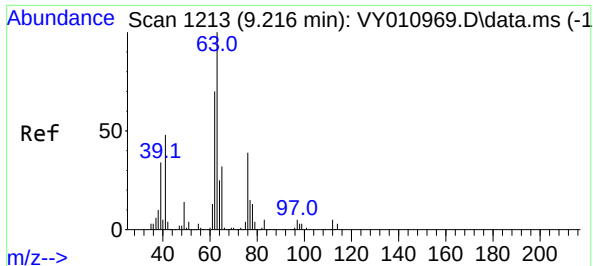
Delta R.T. 0.006 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Tgt Ion:	130	Resp:	9007
Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	188.2





#45

1,2-Dichloropropane

Concen: 2.857 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

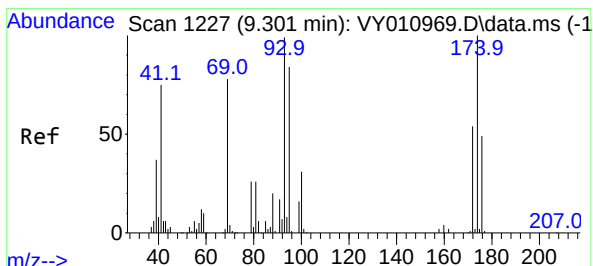
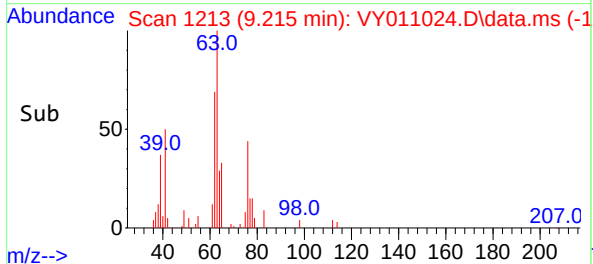
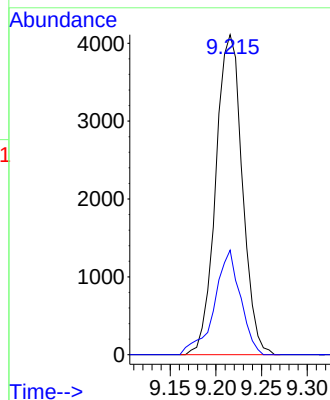
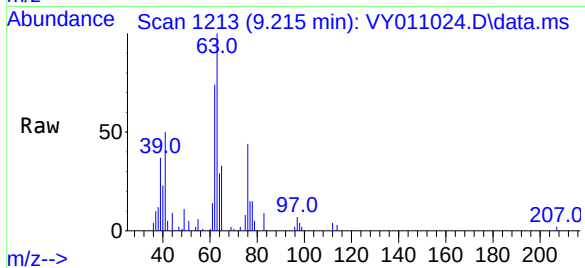
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 63 Resp: 8297

Ion Ratio Lower Upper

63 100

65 32.7 23.0 34.6



#46

Dibromomethane

Concen: 3.033 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

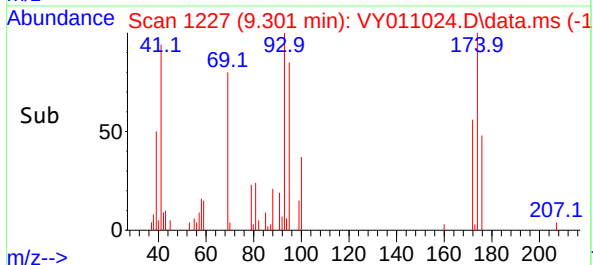
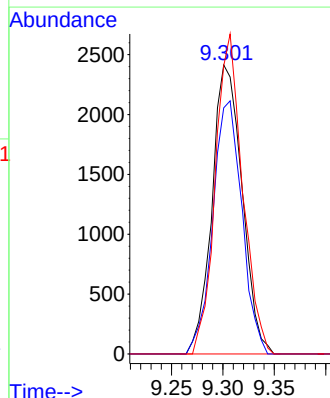
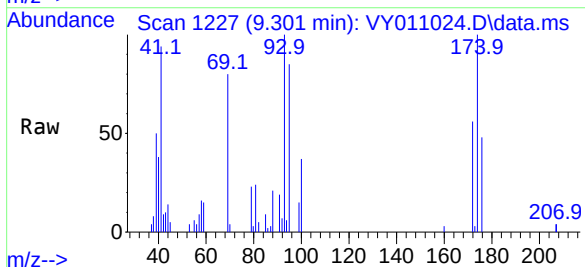
Tgt Ion: 93 Resp: 4912

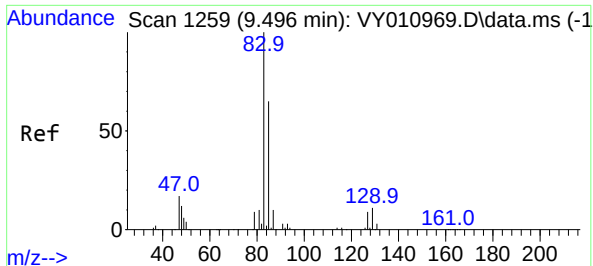
Ion Ratio Lower Upper

93 100

95 84.5 64.3 96.5

174 100.2 83.4 125.0





#47

Bromodichloromethane

Concen: 2.982 ug/l

RT: 9.496 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

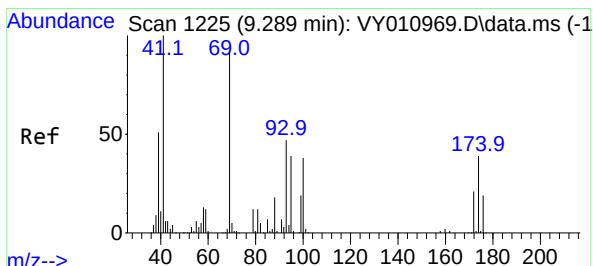
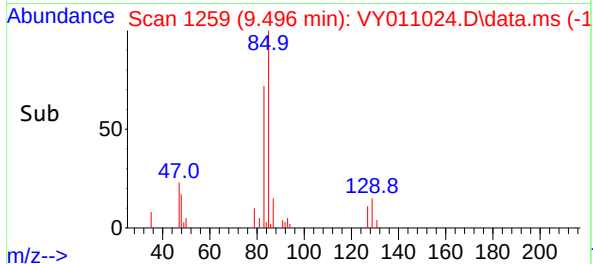
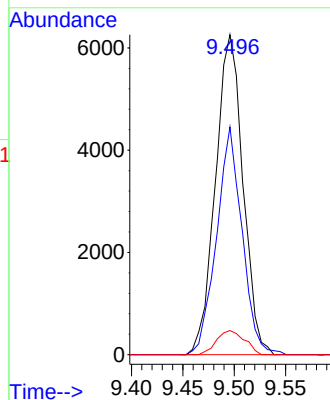
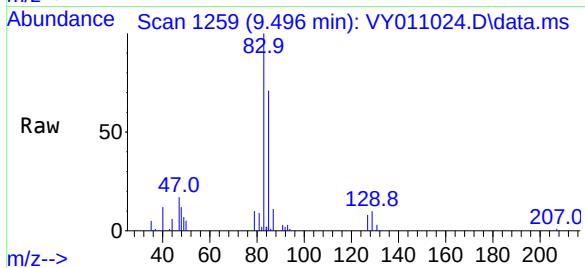
Tgt Ion: 83 Resp: 11638

Ion Ratio Lower Upper

83 100

85 71.1 51.9 77.9

127 7.5 6.6 10.0



#48

Methyl methacrylate

Concen: 3.067 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

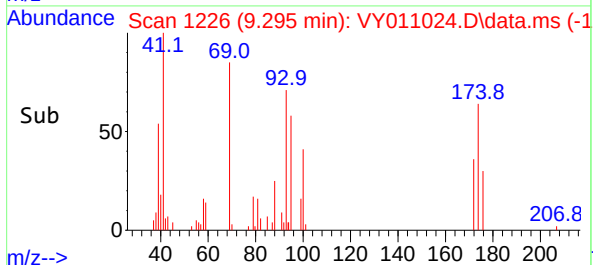
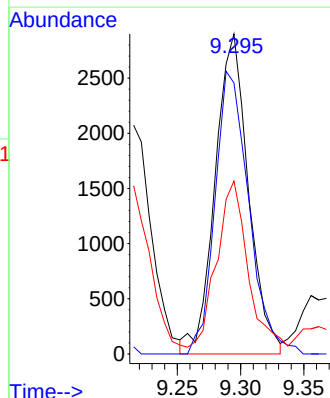
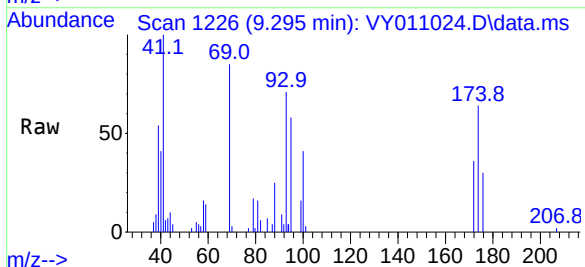
Tgt Ion: 41 Resp: 5296

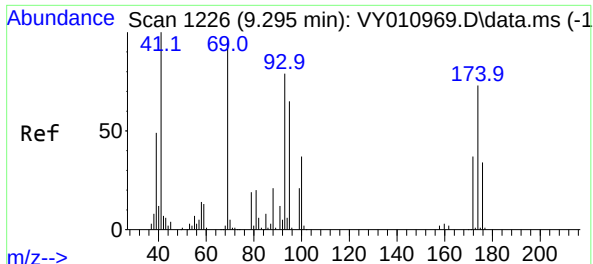
Ion Ratio Lower Upper

41 100

69 90.0 58.2 87.2#

39 53.1 47.4 71.0

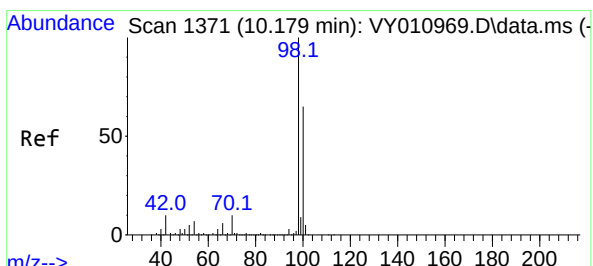
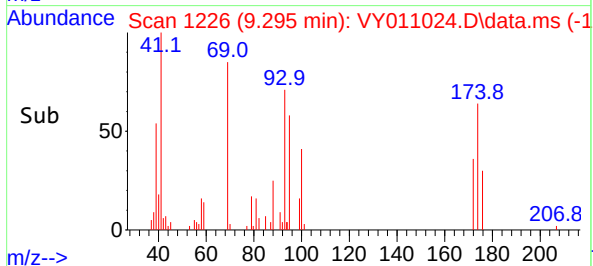
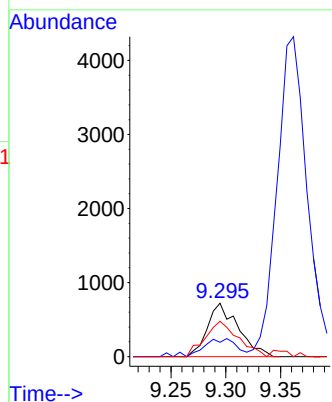
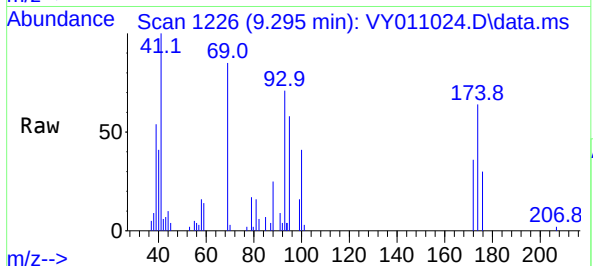




#49
1,4-Dioxane
Concen: 60.457 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

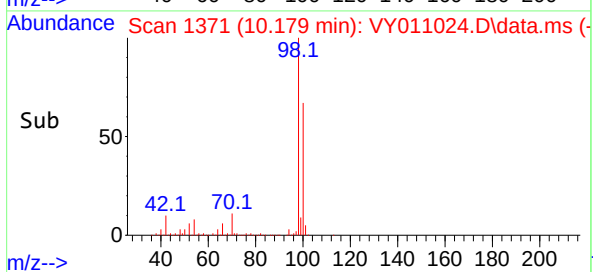
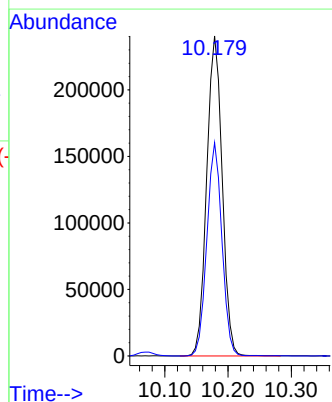
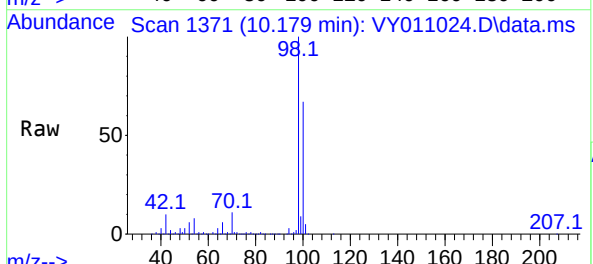
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

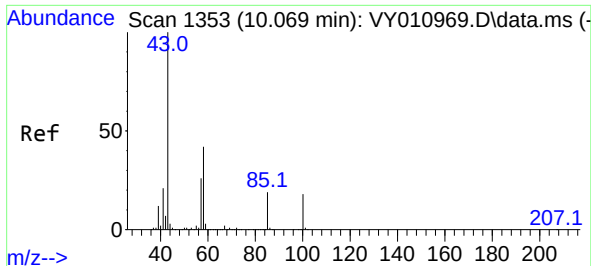
Tgt Ion: 88 Resp: 1407
Ion Ratio Lower Upper
88 100
43 36.0 32.8 49.2
58 70.8 59.8 89.6



#50
Toluene-d8
Concen: 46.804 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 98 Resp: 409536
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

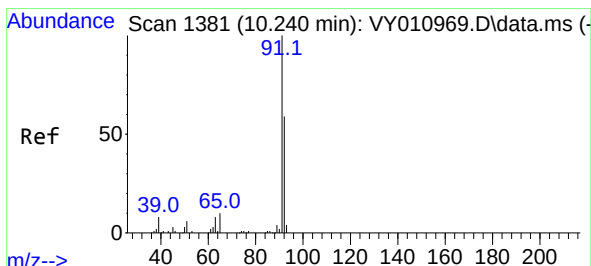
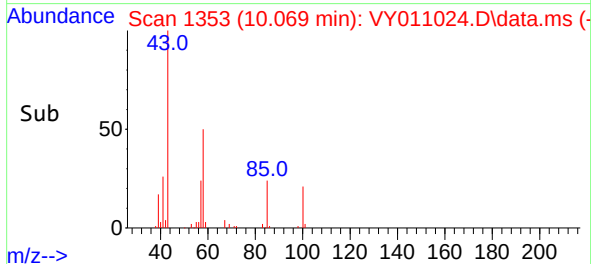
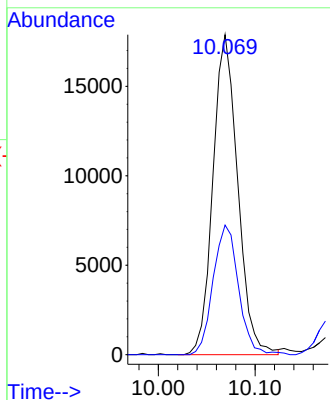
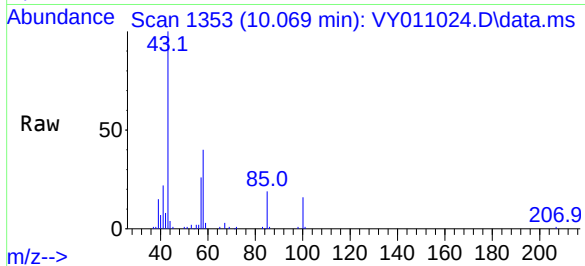




#51
4-Methyl-2-Pentanone
Concen: 14.783 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

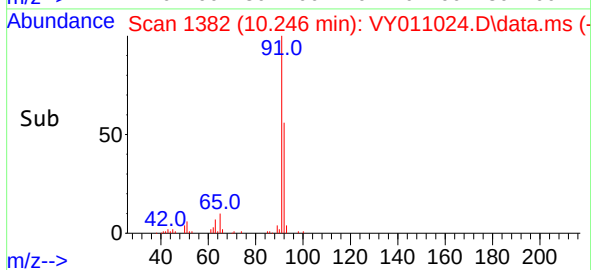
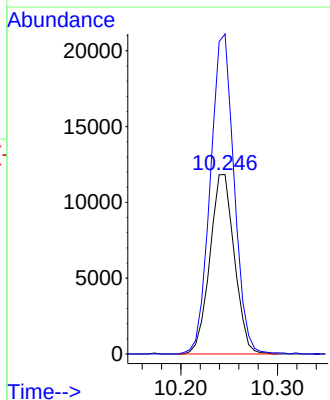
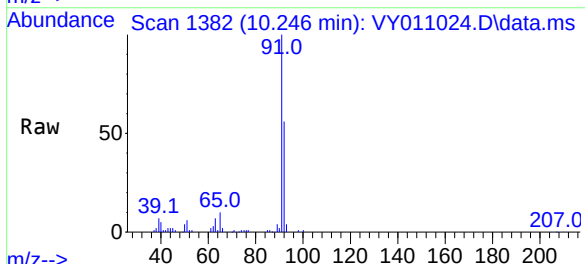
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

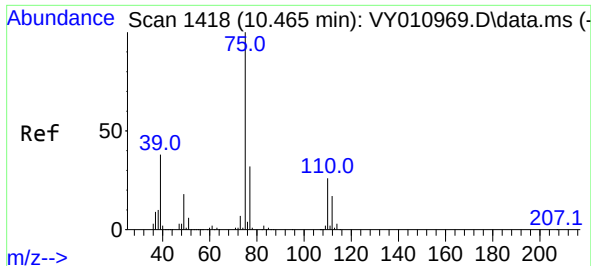
Tgt Ion: 43 Resp: 31814
Ion Ratio Lower Upper
43 100
58 41.5 28.1 42.1



#52
Toluene
Concen: 2.927 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 92 Resp: 20816
Ion Ratio Lower Upper
92 100
91 173.4 142.6 213.8

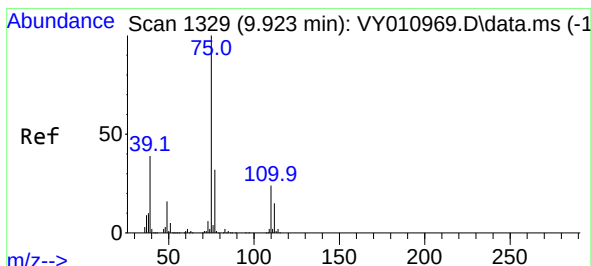
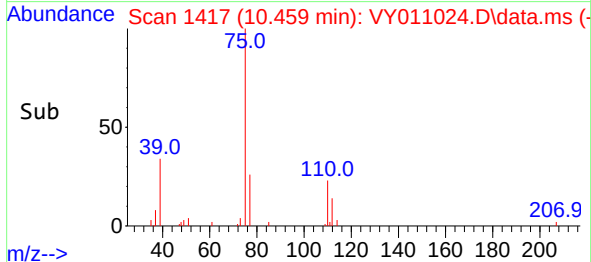
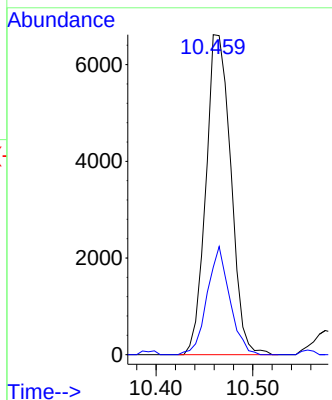
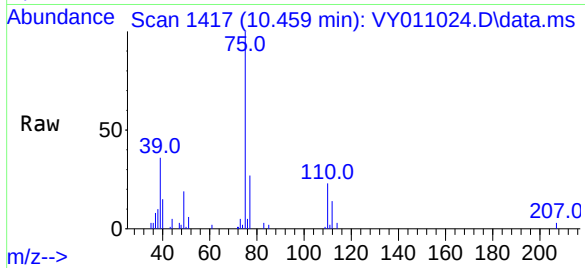




#53
 t-1,3-Dichloropropene
 Concen: 2.923 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY011024.D
 Acq: 20 Oct 2022 14:50

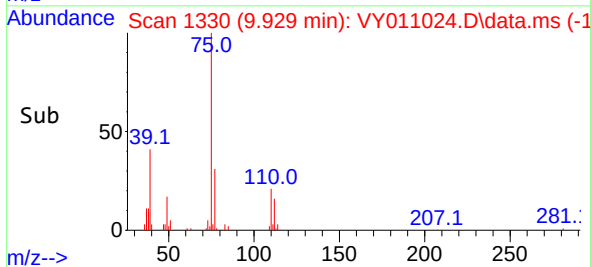
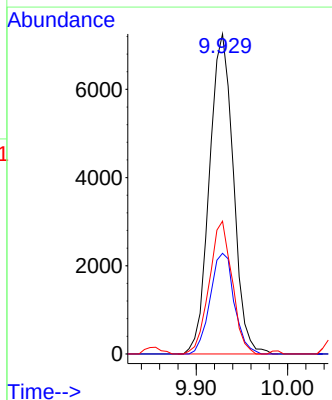
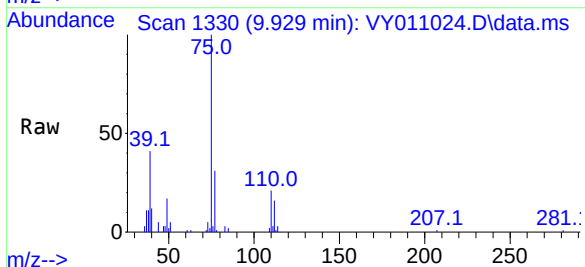
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

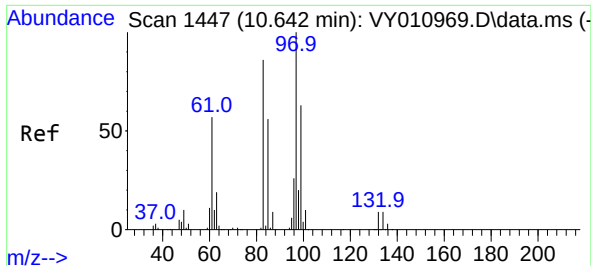
Tgt Ion: 75 Resp: 11855
 Ion Ratio Lower Upper
 75 100
 77 27.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 2.838 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY011024.D
 Acq: 20 Oct 2022 14:50

Tgt Ion: 75 Resp: 13169
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 41.5 47.6 71.4#

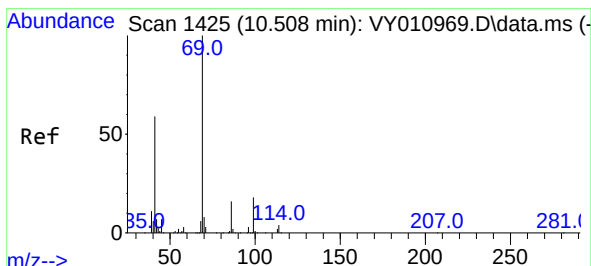
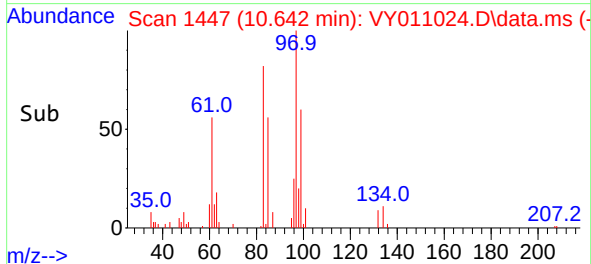
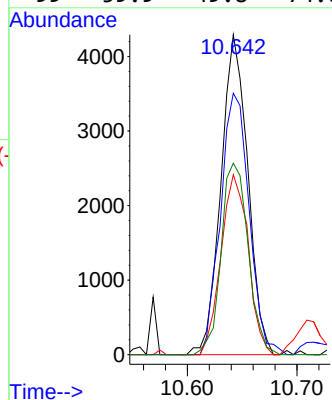
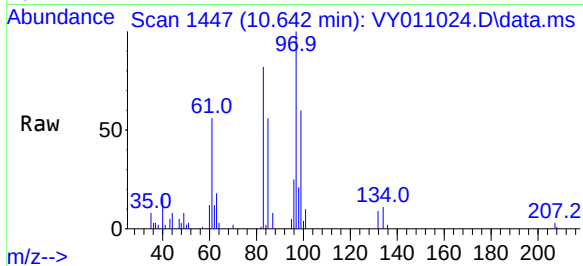




#55
1,1,2-Trichloroethane
Concen: 3.131 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

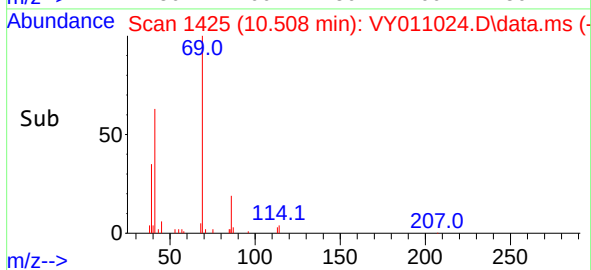
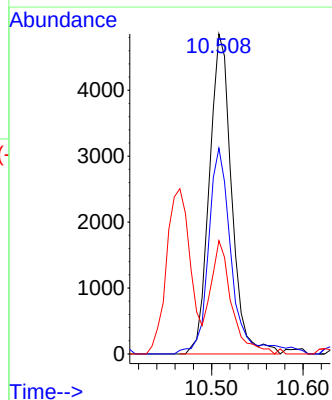
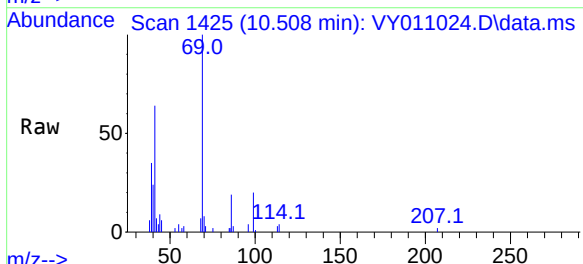
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

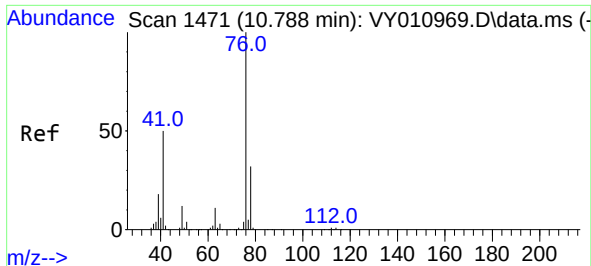
Tgt Ion:	97	Resp:	7317
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.8	104.8
85	56.2	44.3	66.5
99	59.9	49.8	74.6



#56
Ethyl methacrylate
Concen: 2.637 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion:	69	Resp:	8185
Ion	Ratio	Lower	Upper
69	100		
41	67.2	63.4	95.0
39	33.3	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 3.063 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

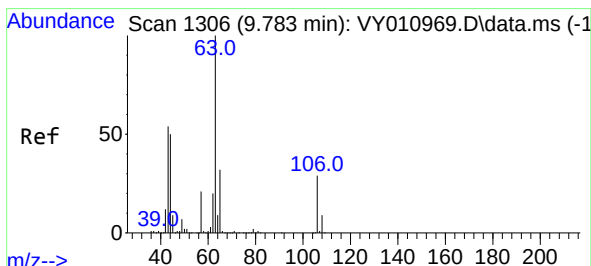
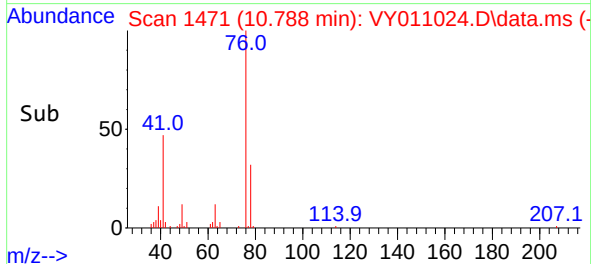
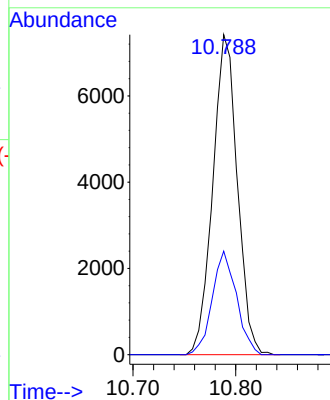
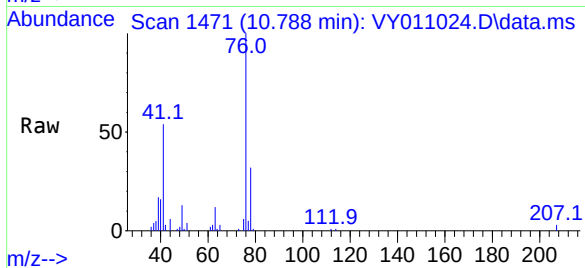
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 76 Resp: 12306

Ion Ratio Lower Upper

76 100

78 32.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 27.975 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011024.D

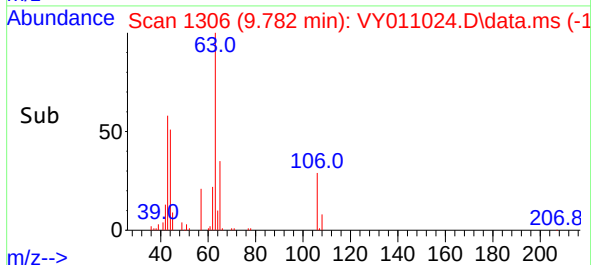
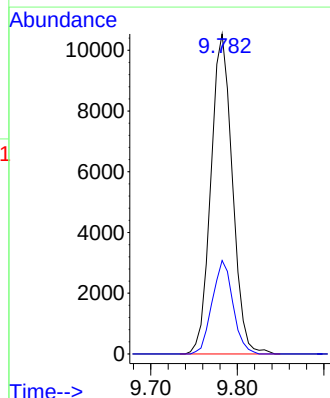
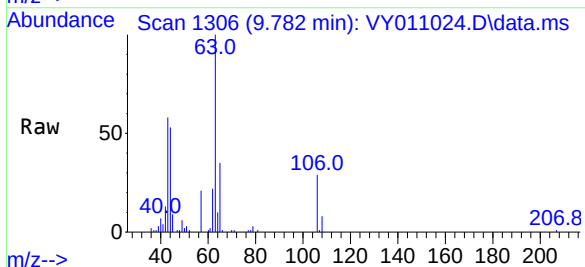
Acq: 20 Oct 2022 14:50

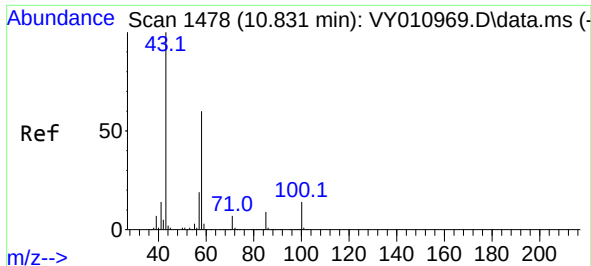
Tgt Ion: 63 Resp: 18145

Ion Ratio Lower Upper

63 100

106 28.2 21.5 32.3

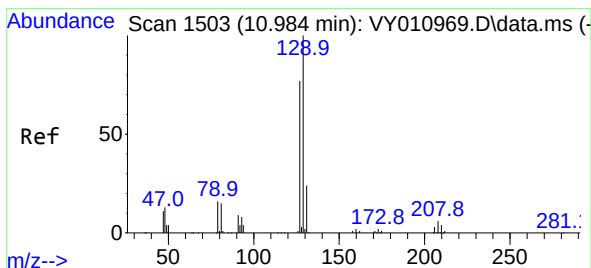
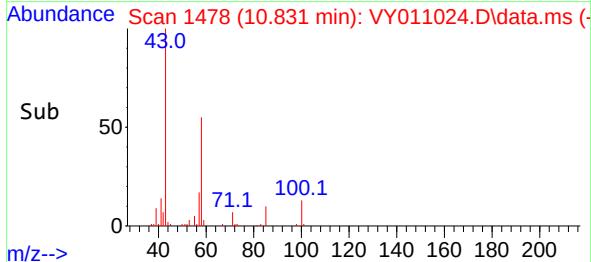
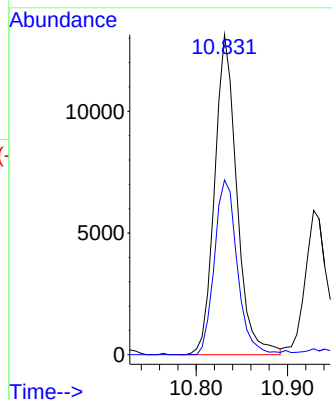
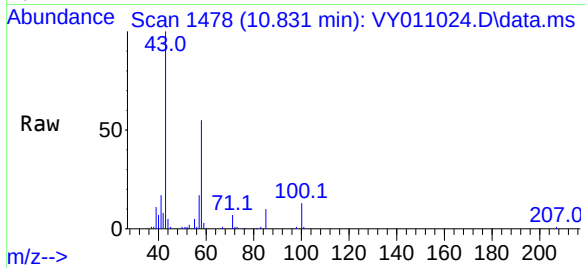




#59
2-Hexanone
Concen: 14.992 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

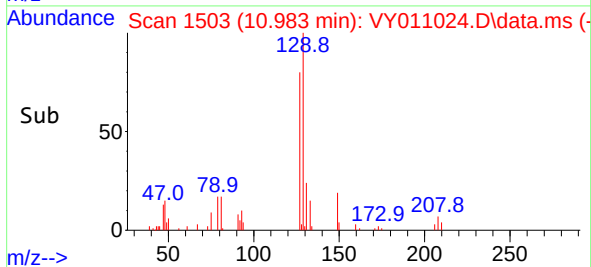
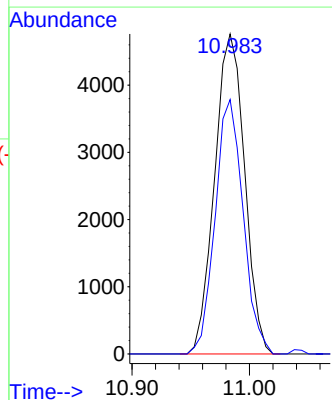
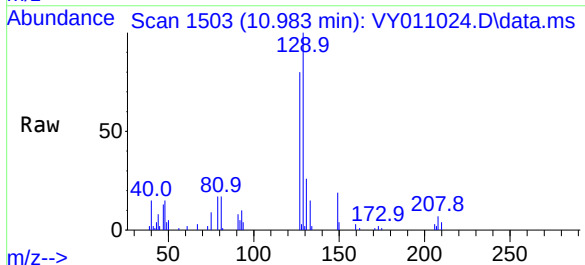
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

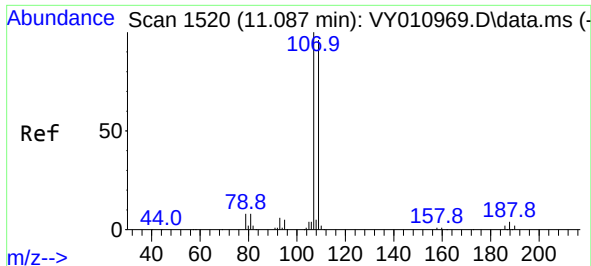
Tgt Ion: 43 Resp: 22162
Ion Ratio Lower Upper
43 100
58 56.3 24.4 73.4



#60
Dibromochloromethane
Concen: 3.040 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 129 Resp: 8447
Ion Ratio Lower Upper
129 100
127 74.2 38.7 116.1

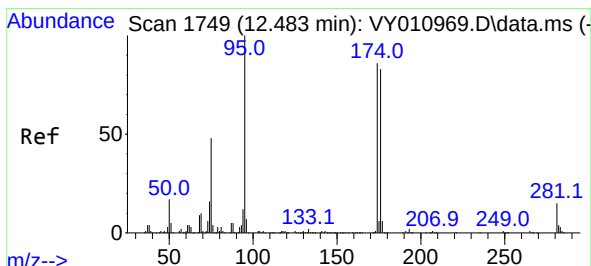
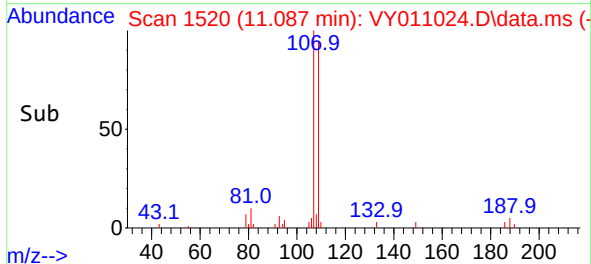
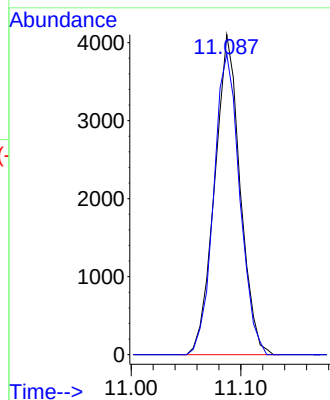
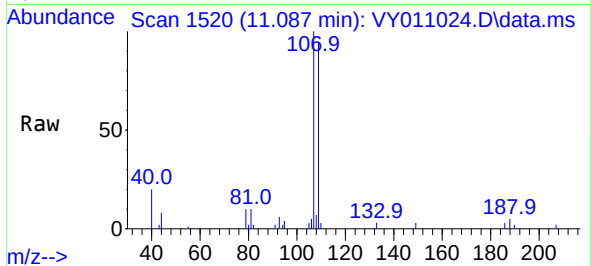




#61
1,2-Dibromoethane
Concen: 2.961 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

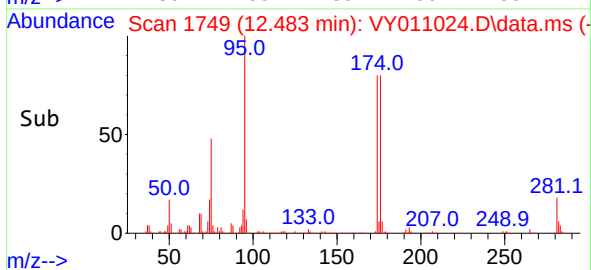
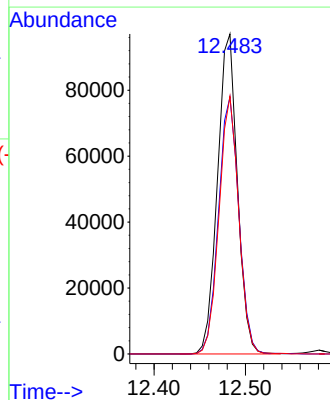
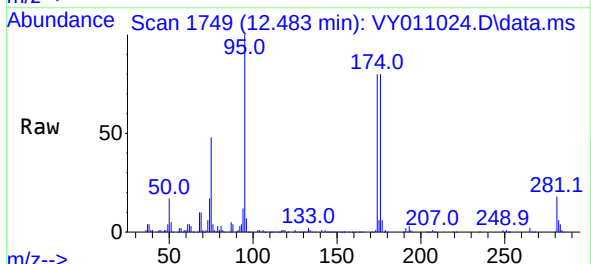
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

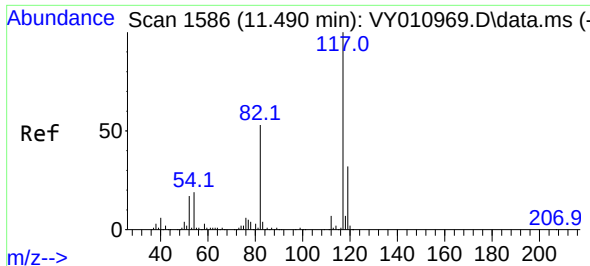
Tgt Ion:107 Resp: 6626
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 95 Resp: 147296
Ion Ratio Lower Upper
95 100
174 81.8 0.0 177.0
176 79.6 0.0 175.8

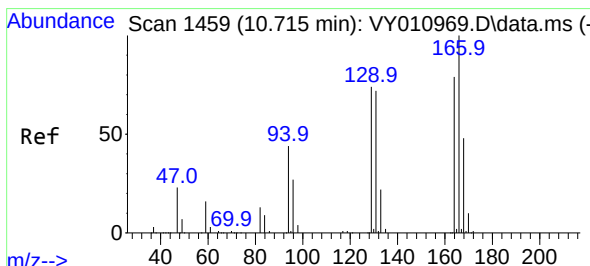
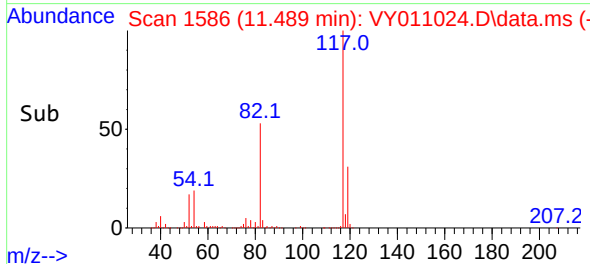
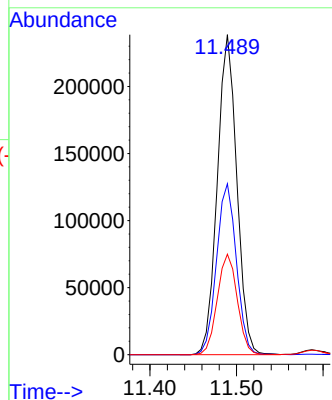
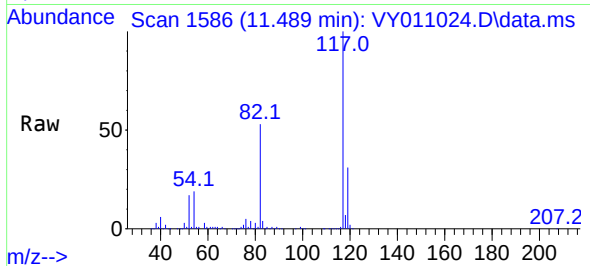




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

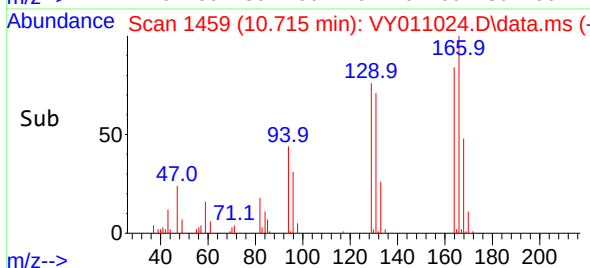
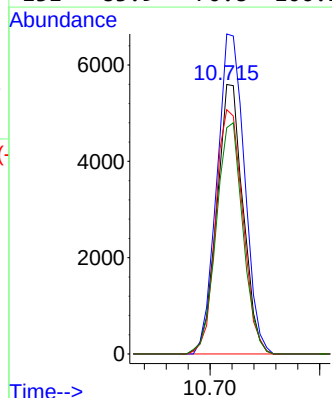
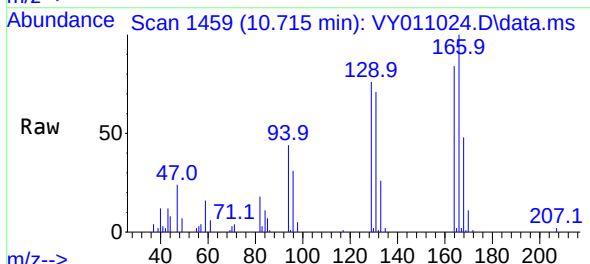
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

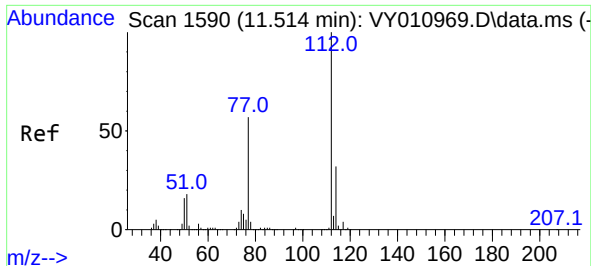
Tgt Ion:117	Resp:	373609	
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	31.4	25.4	38.0



#64
Tetrachloroethene
Concen: 3.201 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt	Ion:164	Resp:	9311
Ion	Ratio	Lower	Upper
164	100		
166	118.7	100.4	150.6
129	90.7	71.4	107.0
131	83.9	70.8	106.2

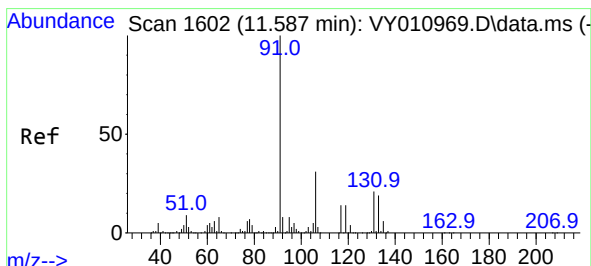
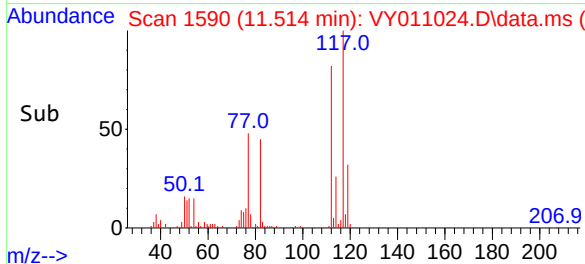
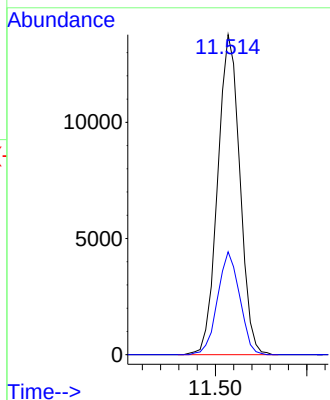
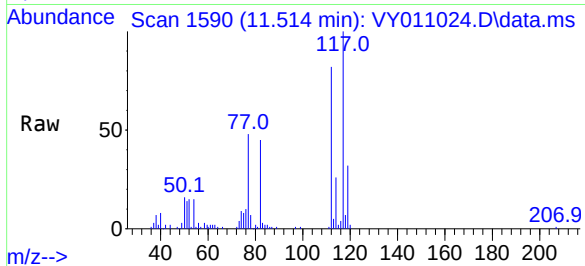




#65
Chlorobenzene
Concen: 3.027 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

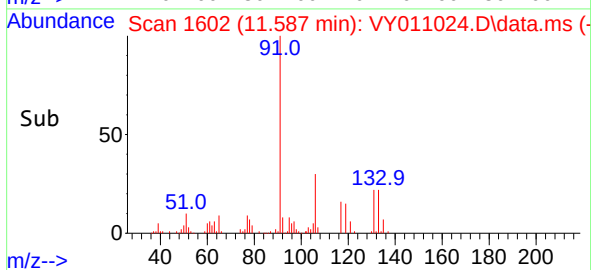
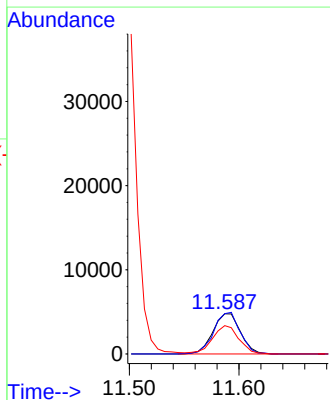
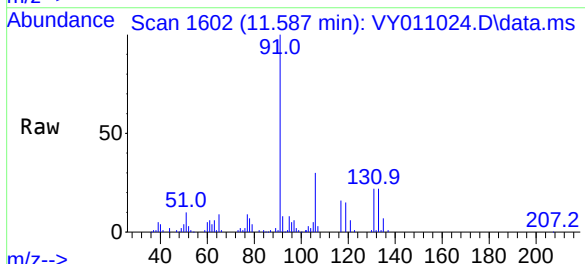
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

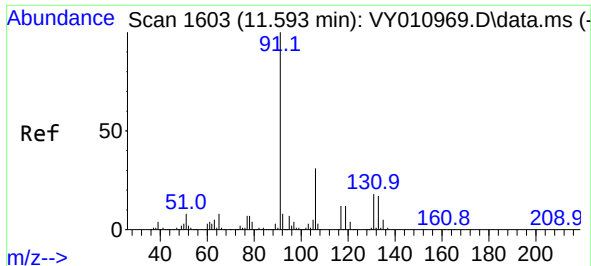
Tgt Ion:112 Resp: 23218
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.937 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion:131 Resp: 8339
Ion Ratio Lower Upper
131 100
133 98.7 47.9 143.6
119 68.0 30.8 92.3





#67

Ethyl Benzene

Concen: 2.830 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

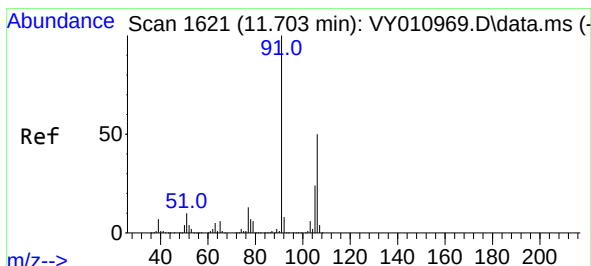
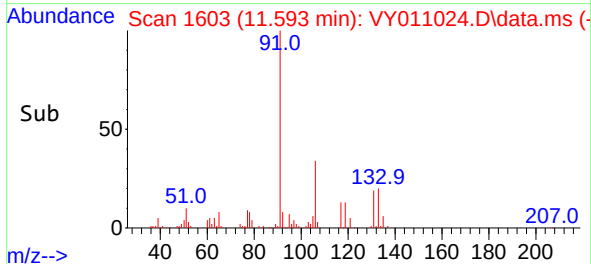
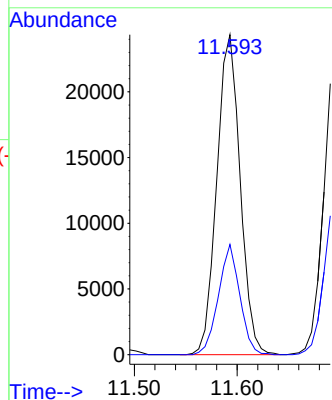
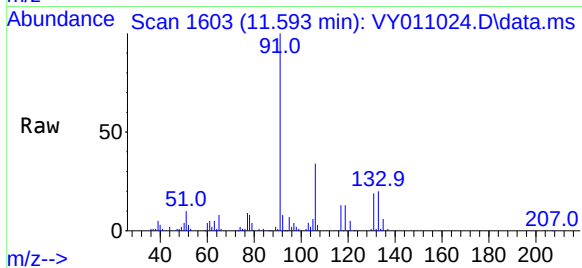
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 91 Resp: 38397

Ion Ratio Lower Upper

91 100

106 34.5 24.5 36.7



#68

m/p-Xylenes

Concen: 5.498 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011024.D

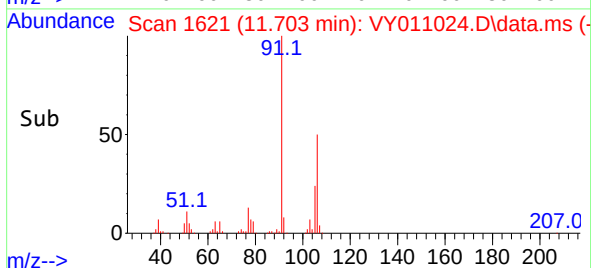
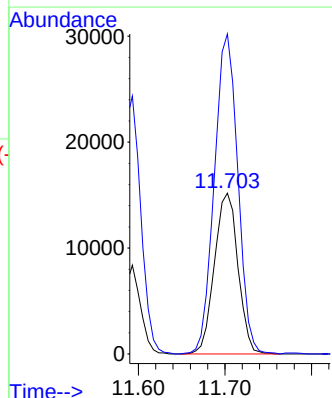
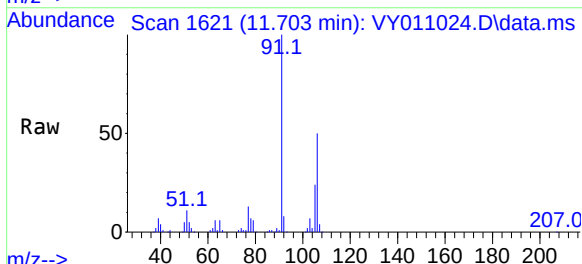
Acq: 20 Oct 2022 14:50

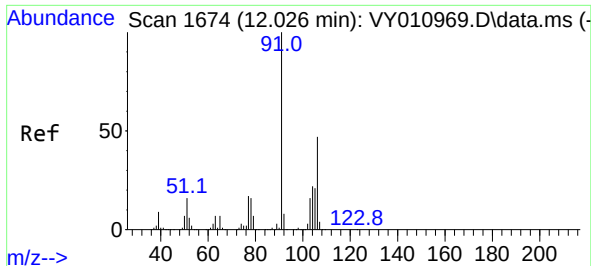
Tgt Ion:106 Resp: 28700

Ion Ratio Lower Upper

106 100

91 198.2 166.6 249.8

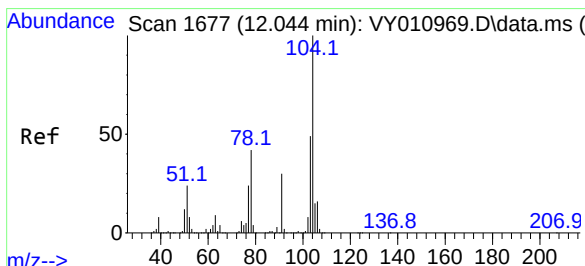
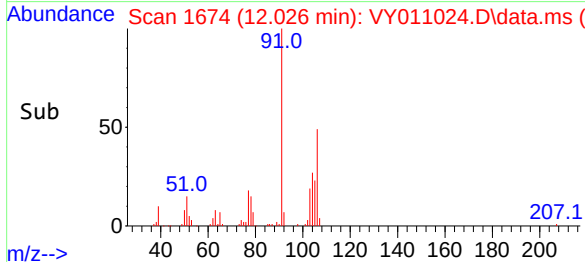
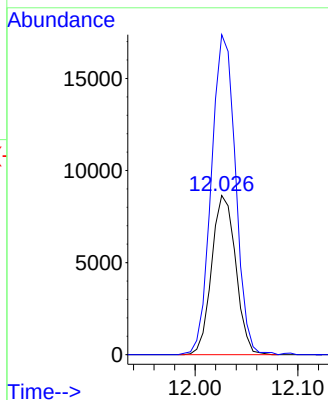
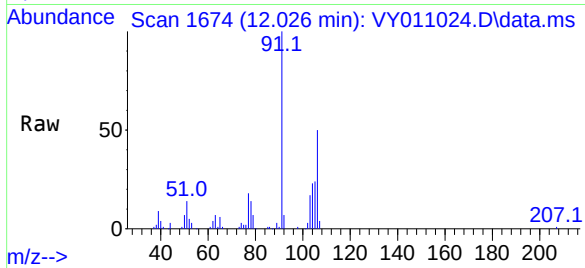




#69
o-Xylene
Concen: 2.832 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

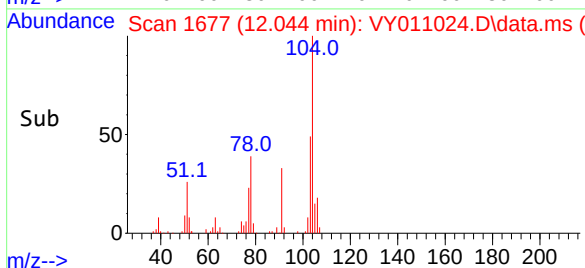
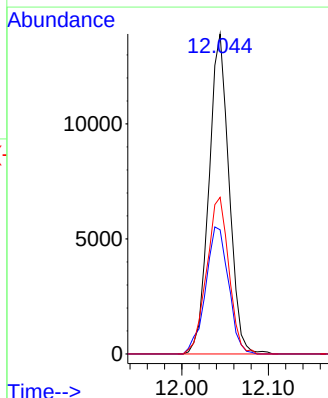
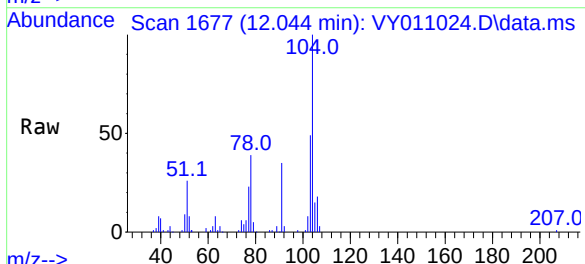
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

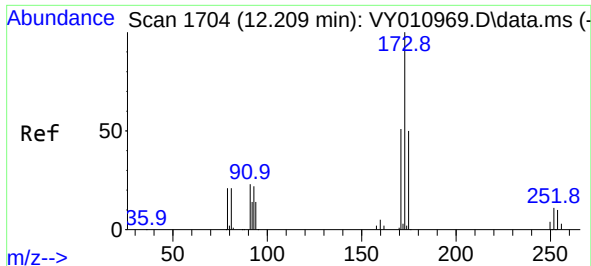
Tgt Ion:106 Resp: 14036
Ion Ratio Lower Upper
106 100
91 202.3 110.3 331.0



#70
Styrene
Concen: 2.668 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion:104 Resp: 22411
Ion Ratio Lower Upper
104 100
78 45.2 42.4 63.6
103 54.1 44.4 66.6

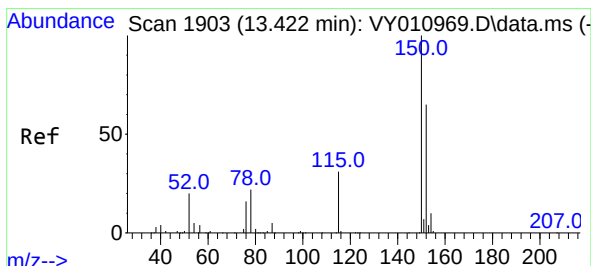
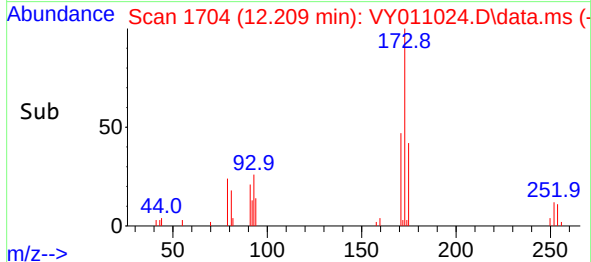
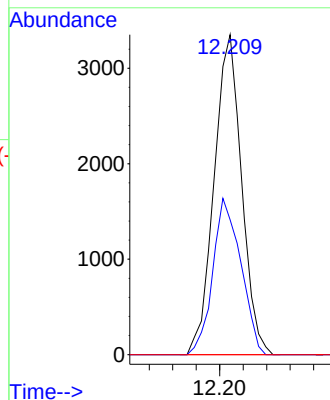
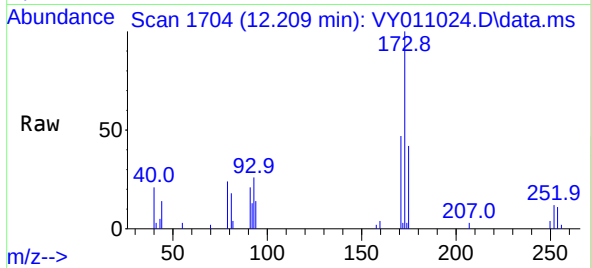




#71
Bromoform
Concen: 3.110 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

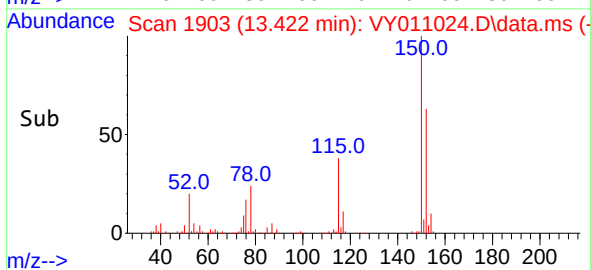
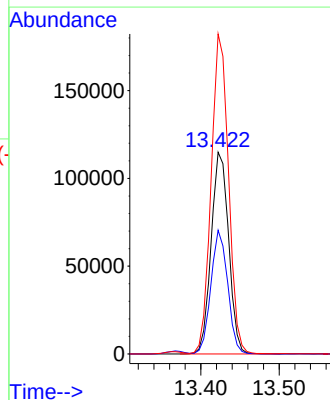
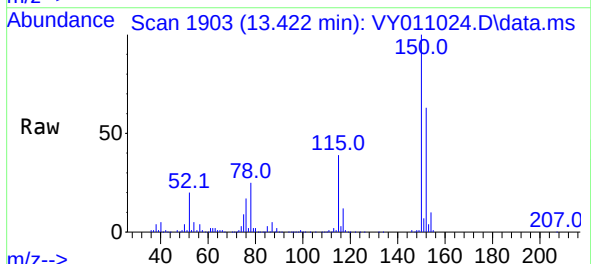
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

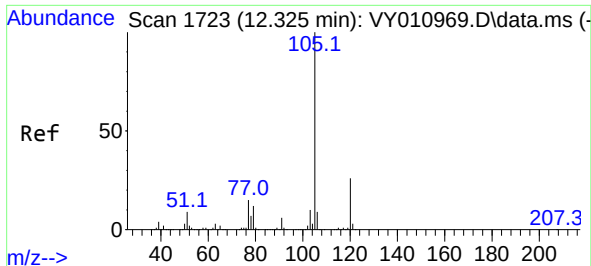
Tgt Ion:173 Resp: 5450
Ion Ratio Lower Upper
173 100
175 49.8 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion:152 Resp: 178125
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 157.5 0.0 347.6

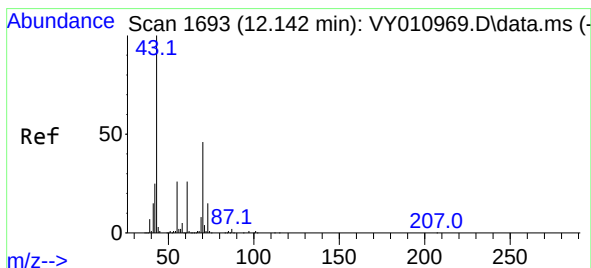
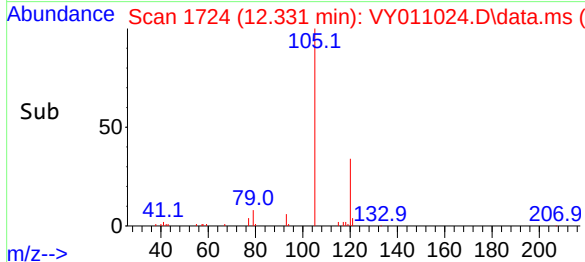
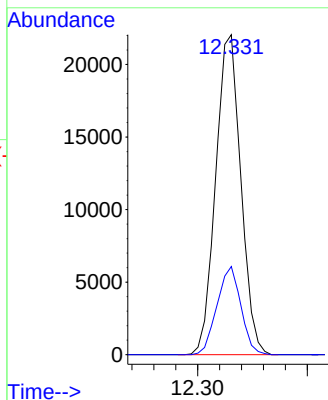
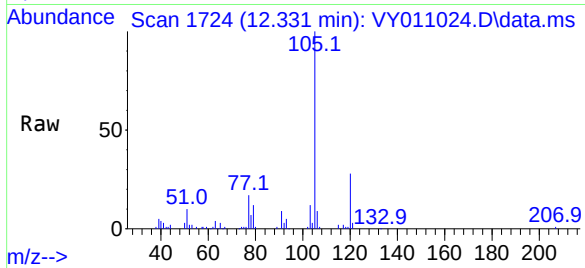




#73
Isopropylbenzene
Concen: 2.715 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

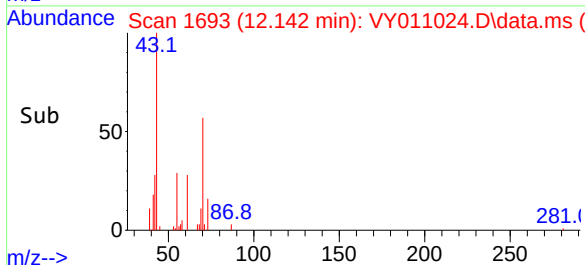
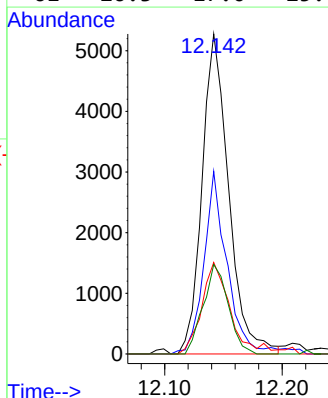
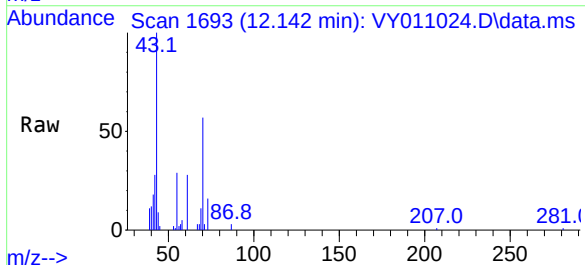
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

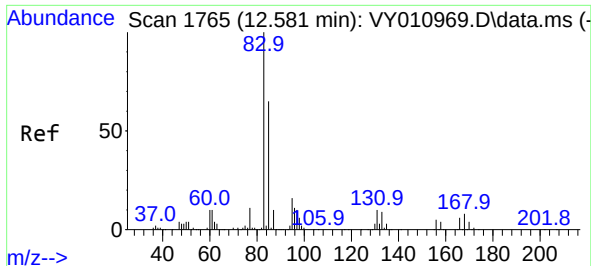
Tgt Ion:105 Resp: 35137
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2



#74
N-ethyl acetate
Concen: 2.536 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 43 Resp: 8326
Ion Ratio Lower Upper
43 100
70 48.6 28.7 43.1#
55 30.5 17.3 25.9#
61 26.3 17.0 25.6#

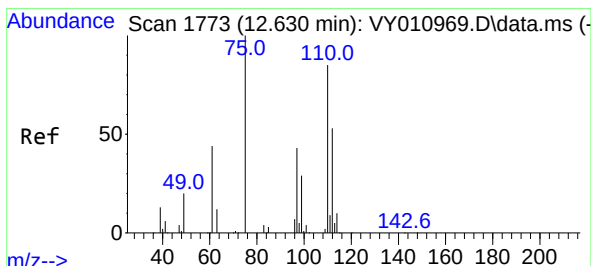
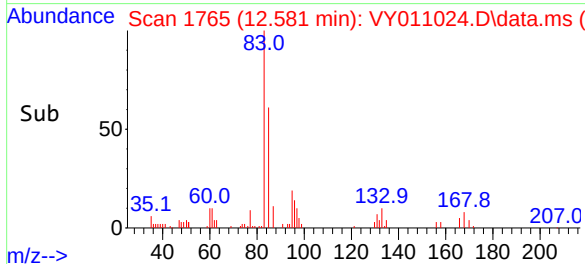
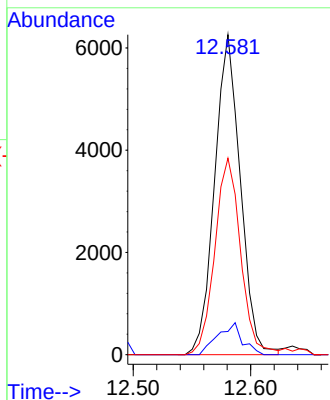
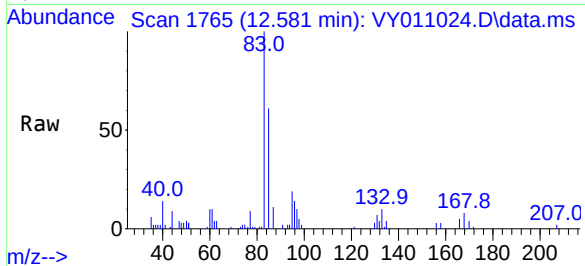




#75
1,1,2,2-Tetrachloroethane
Concen: 3.506 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

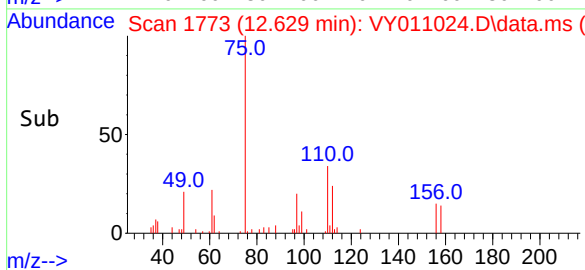
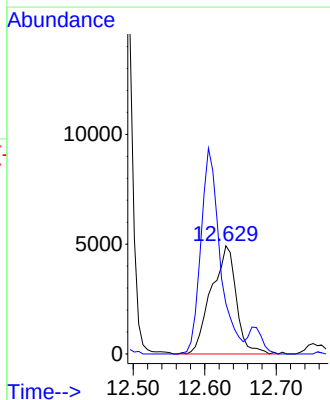
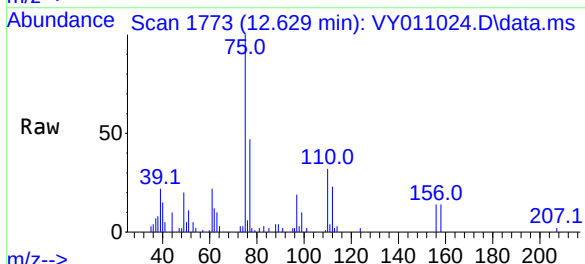
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

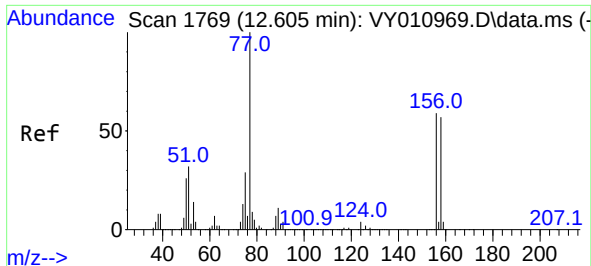
Tgt Ion: 83 Resp: 9522
Ion Ratio Lower Upper
83 100
131 9.5 5.6 16.8
85 61.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 5.920 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 75 Resp: 11972
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

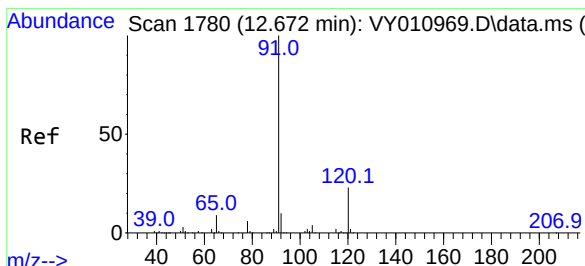
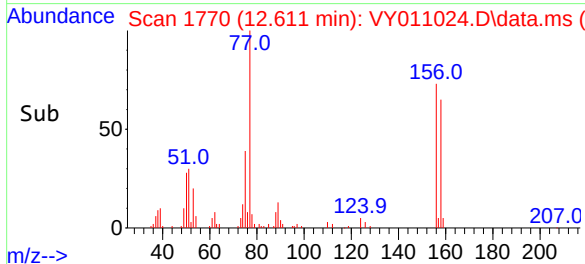
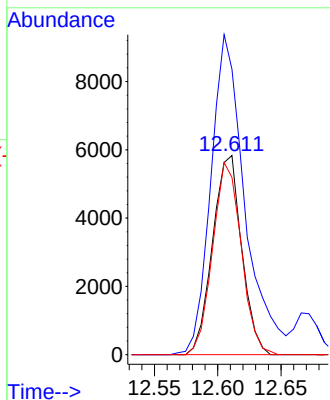
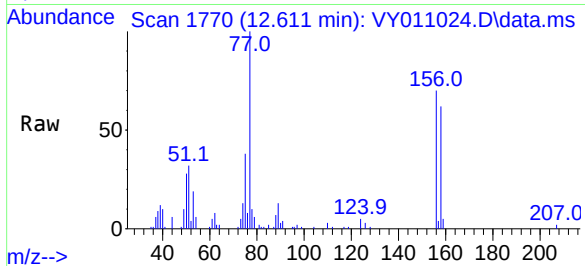




#77
Bromobenzene
Concen: 3.085 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

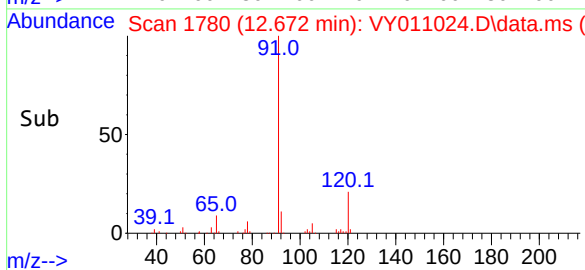
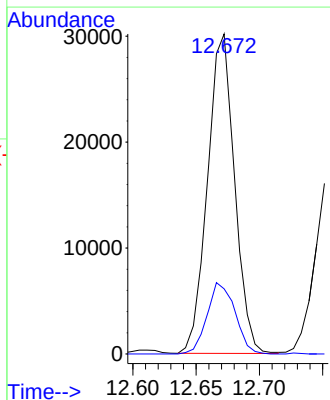
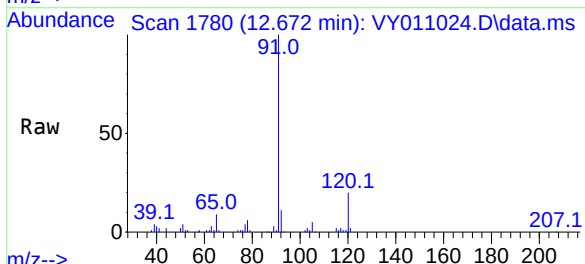
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

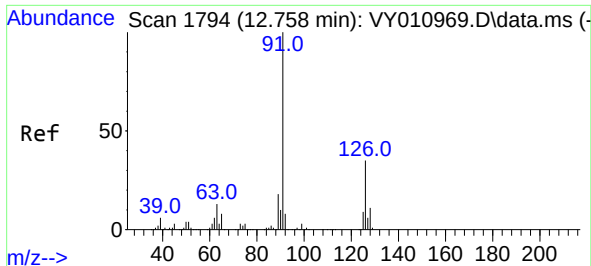
Tgt Ion:156 Resp: 9333
Ion Ratio Lower Upper
156 100
77 187.4 95.5 286.4
158 94.8 48.0 144.0



#78
n-propylbenzene
Concen: 2.852 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 91 Resp: 44904
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9

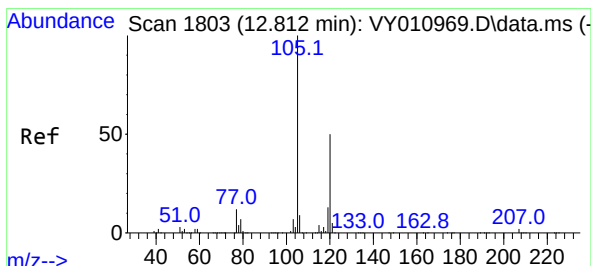
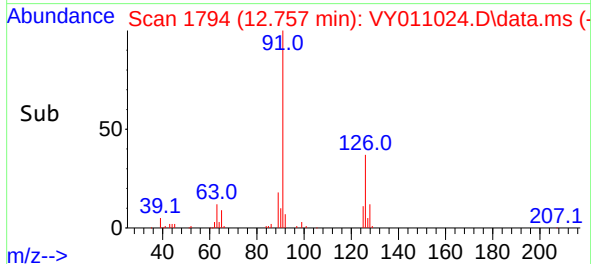
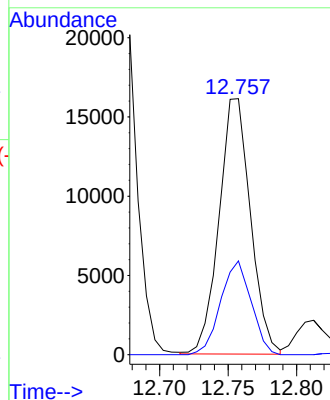
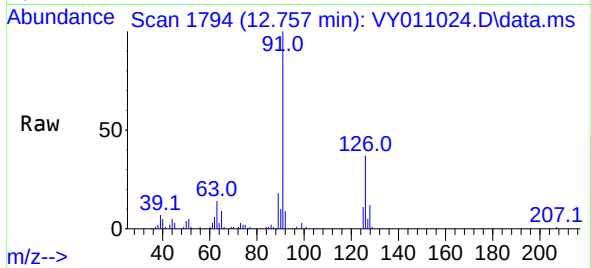




#79
2-Chlorotoluene
Concen: 2.912 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

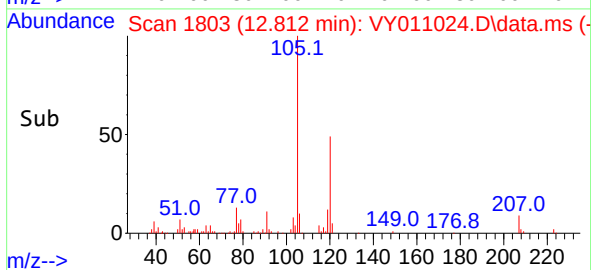
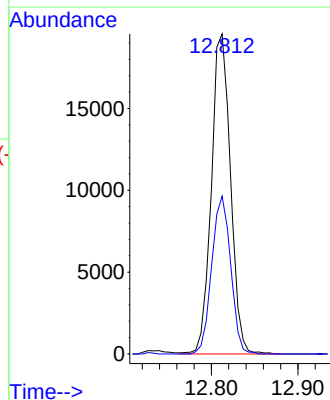
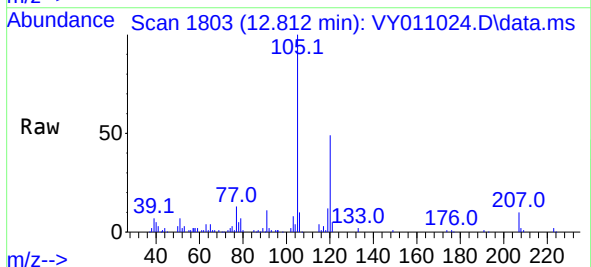
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

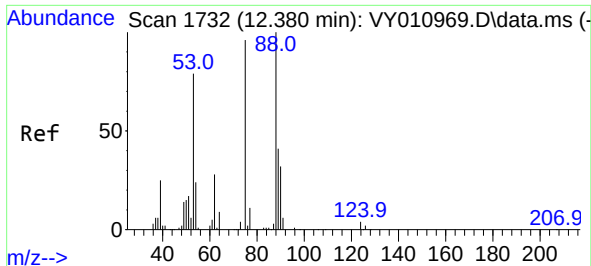
Tgt Ion: 91 Resp: 25822
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 2.783 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 105 Resp: 30050
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.4

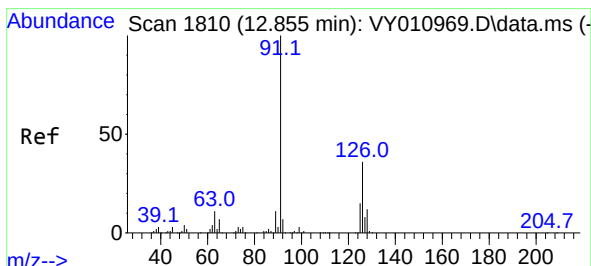
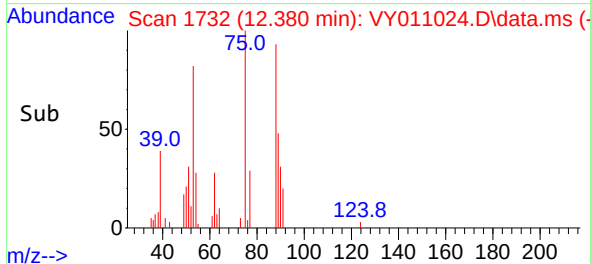
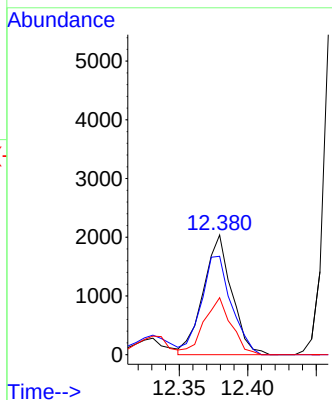
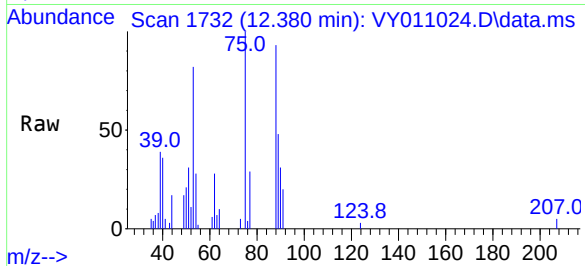




#81
trans-1,4-Dichloro-2-butene
Concen: 3.119 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

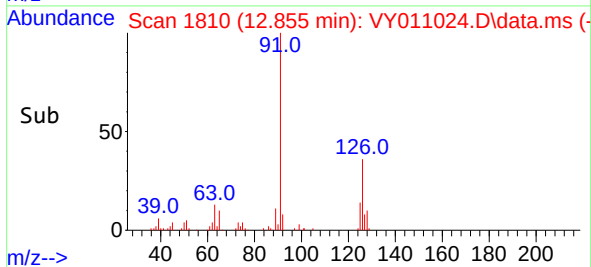
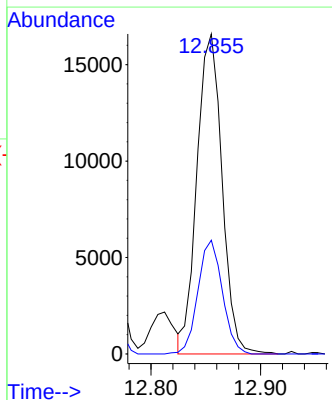
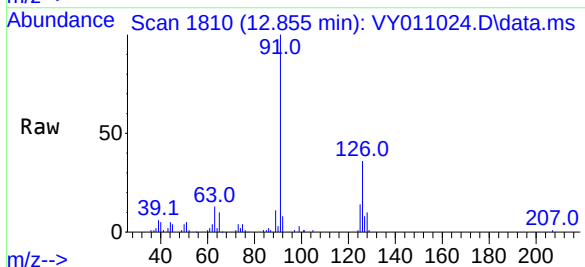
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

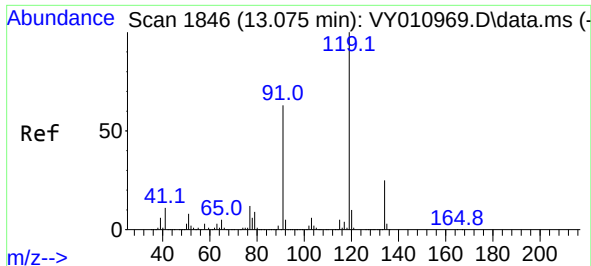
Tgt Ion: 75 Resp: 2933
Ion Ratio Lower Upper
75 100
53 87.8 85.3 127.9
89 45.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 2.860 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion: 91 Resp: 26409
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0

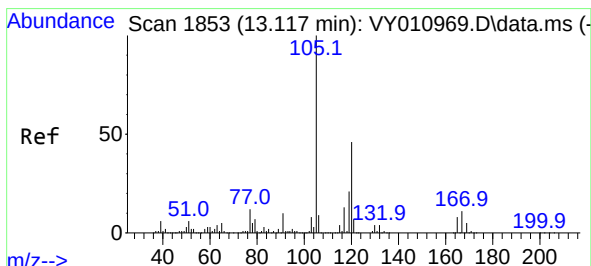
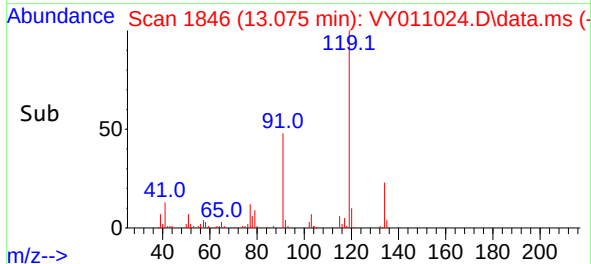
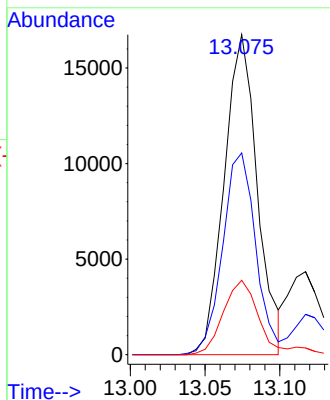
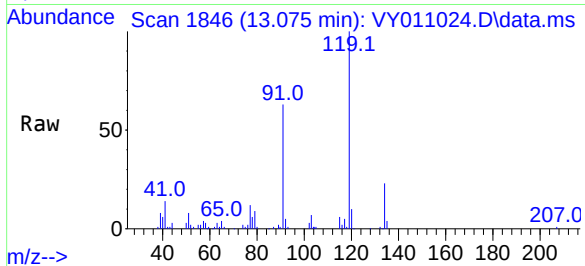




#83
tert-Butylbenzene
Concen: 2.776 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

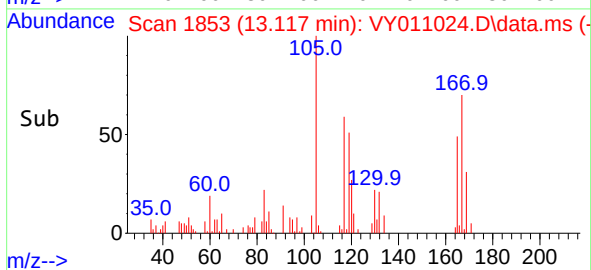
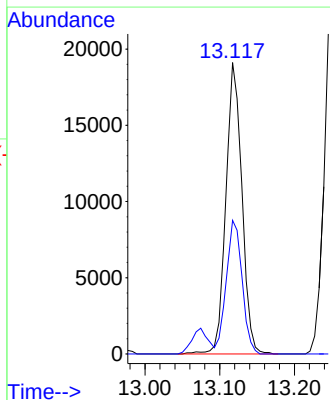
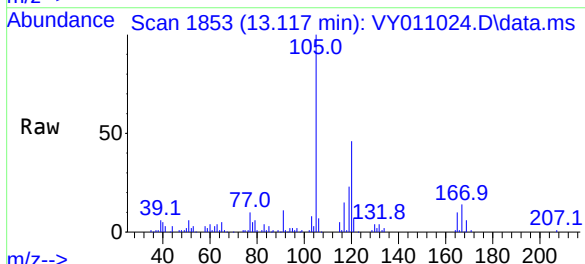
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

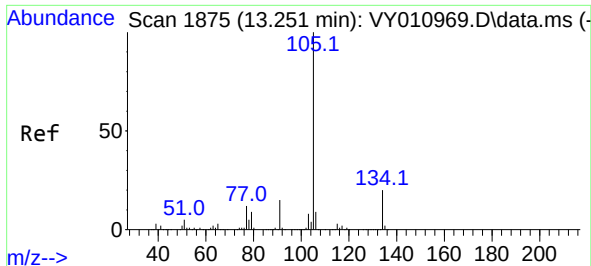
Tgt Ion:119 Resp: 25918
Ion Ratio Lower Upper
119 100
91 62.6 34.8 104.4
134 25.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 2.684 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion:105 Resp: 28578
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.9

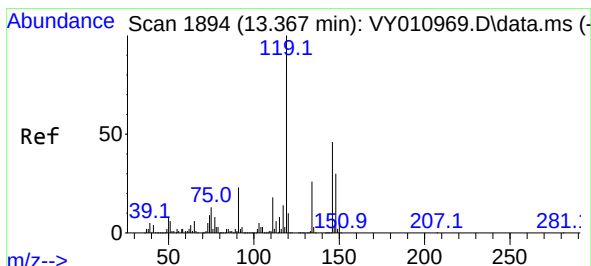
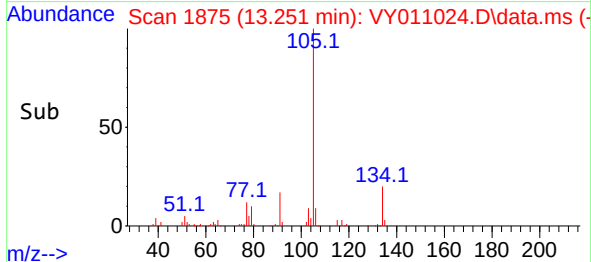
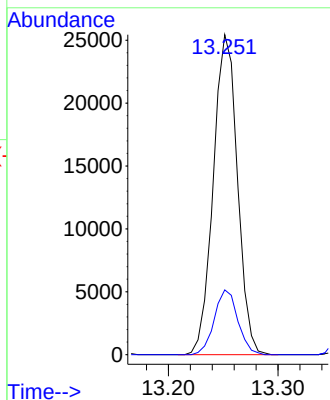
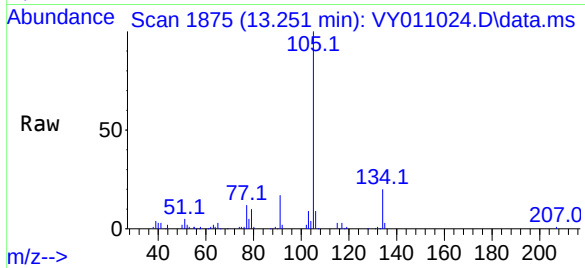




#85
 sec-Butylbenzene
 Concen: 2.779 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY011024.D
 Acq: 20 Oct 2022 14:50

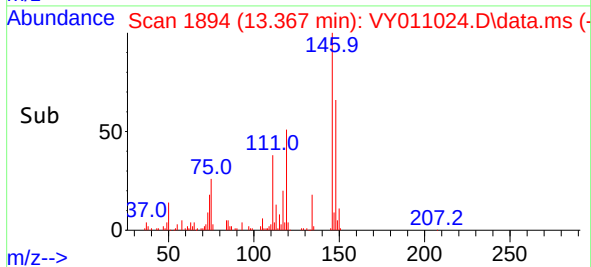
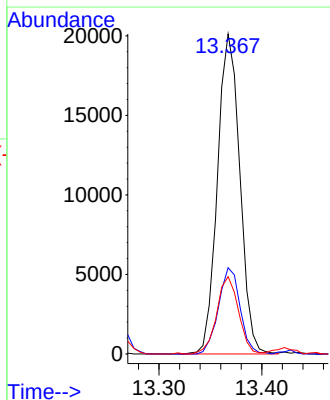
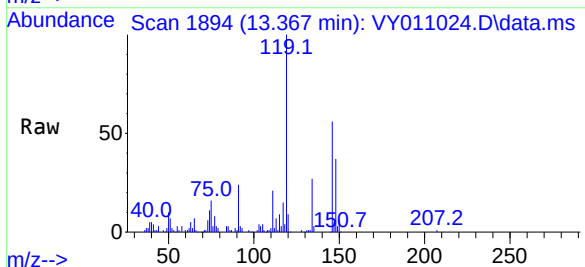
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

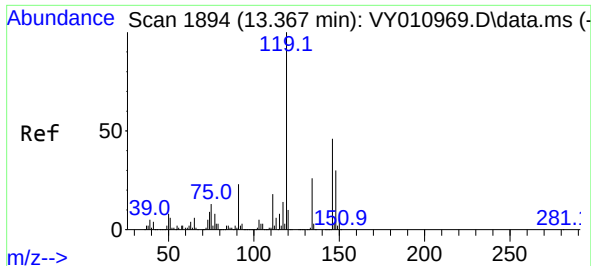
Tgt Ion:105 Resp: 38990
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 2.614 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY011024.D
 Acq: 20 Oct 2022 14:50

Tgt Ion:119 Resp: 30426
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 23.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 2.955 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

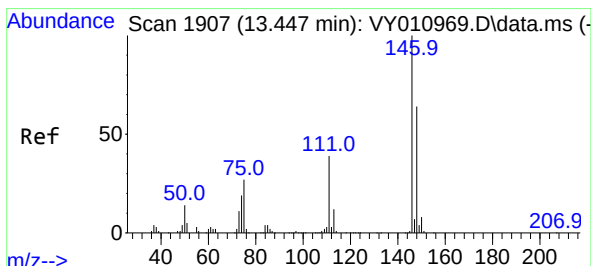
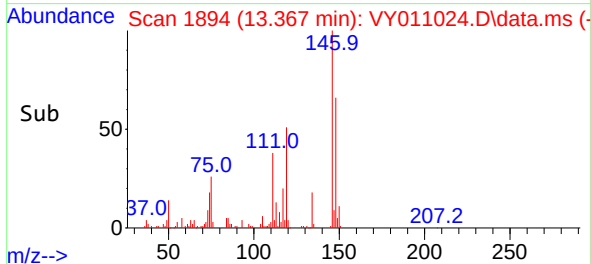
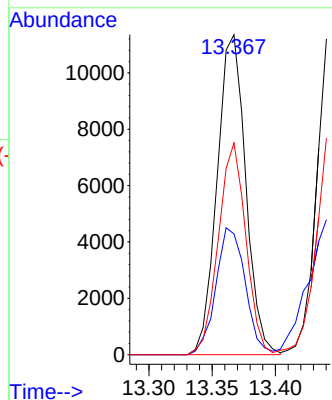
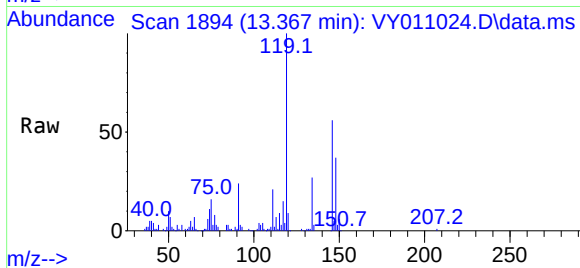
Tgt Ion:146 Resp: 17839

Ion Ratio Lower Upper

146 100

111 40.7 19.5 58.5

148 63.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 3.036 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

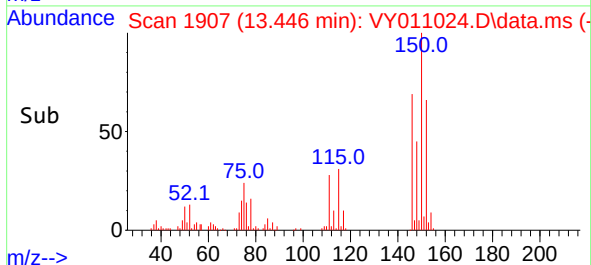
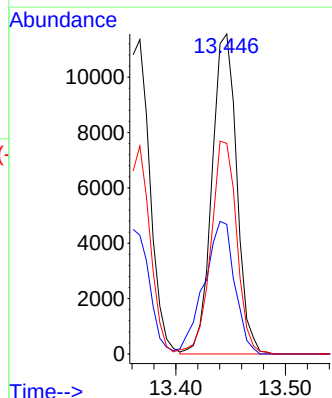
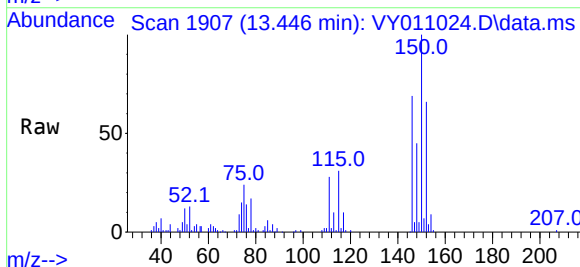
Tgt Ion:146 Resp: 18222

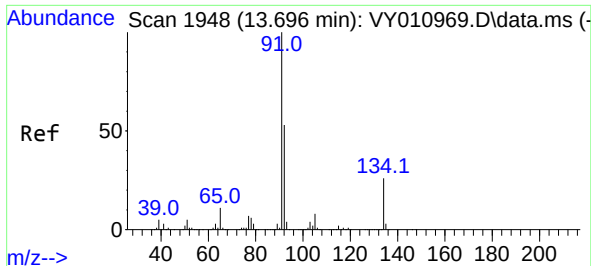
Ion Ratio Lower Upper

146 100

111 51.1 19.3 57.8

148 69.0 32.6 97.8





#89

n-Butylbenzene

Concen: 2.700 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

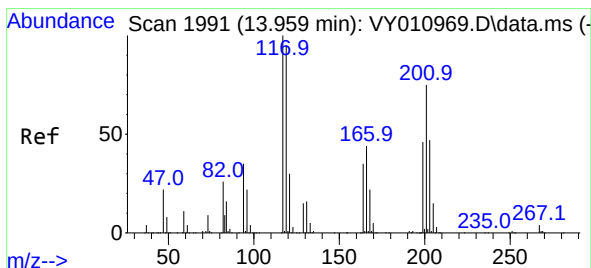
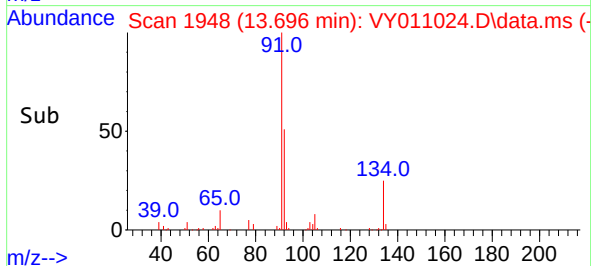
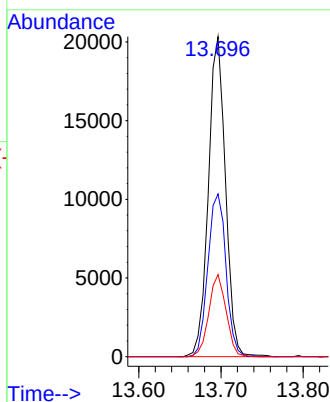
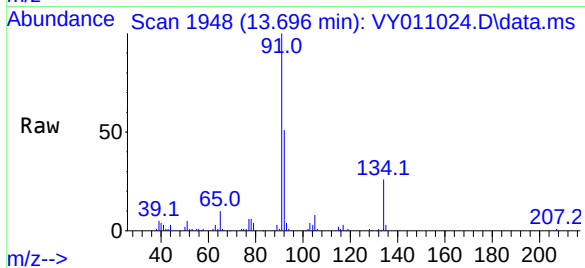
Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:	91	Resp:	29372
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.3	78.9
134	26.0	13.0	38.9



#90

Hexachloroethane

Concen: 2.970 ug/l

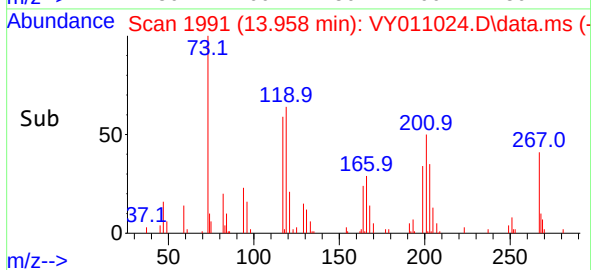
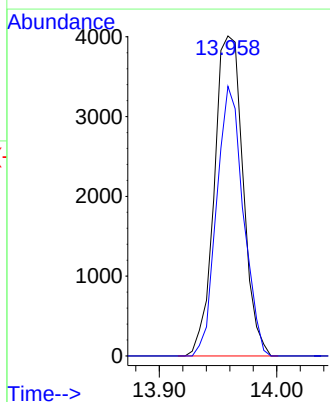
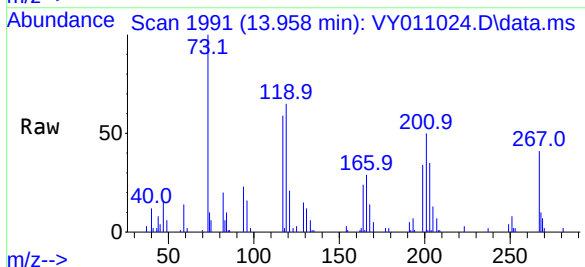
RT: 13.958 min Scan# 1991

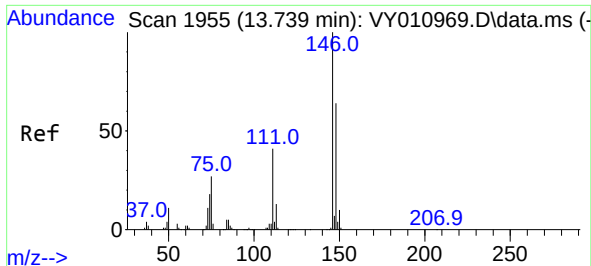
Delta R.T. -0.001 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Tgt Ion:	117	Resp:	6822
Ion	Ratio	Lower	Upper
117	100		
201	78.3	43.0	128.8





#91

1,2-Dichlorobenzene

Concen: 2.995 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

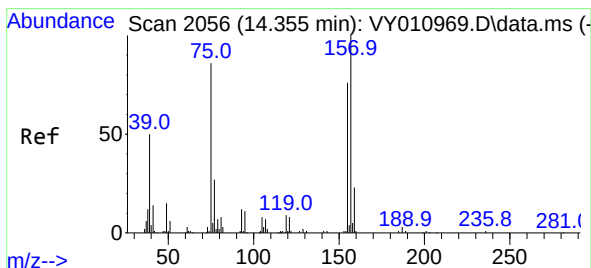
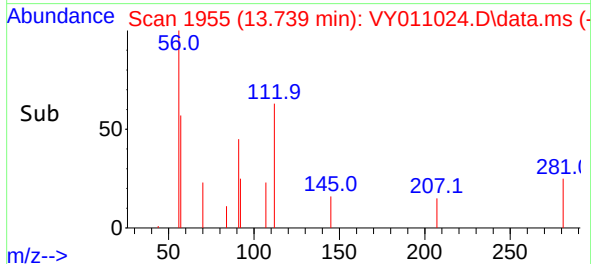
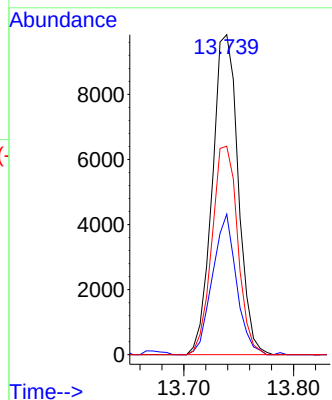
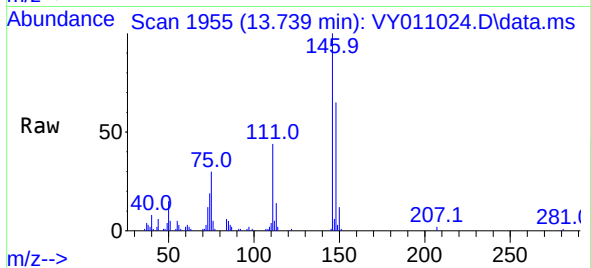
Tgt Ion:146 Resp: 16179

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.9

148 64.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.512 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011024.D

Acq: 20 Oct 2022 14:50

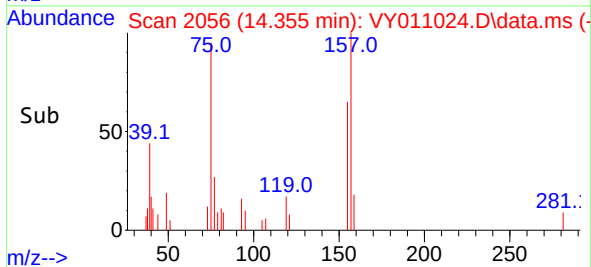
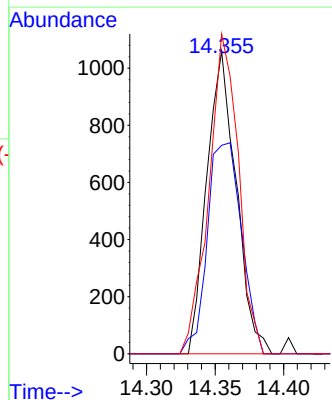
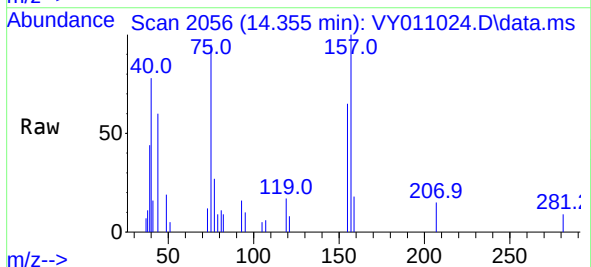
Tgt Ion: 75 Resp: 1577

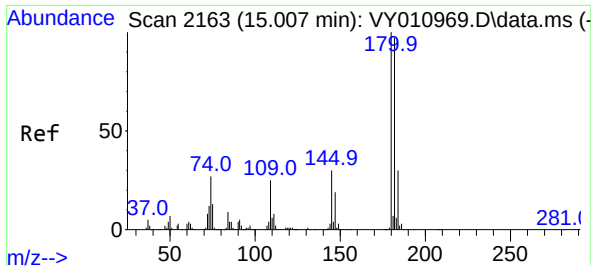
Ion Ratio Lower Upper

75 100

155 81.5 38.0 113.9

157 106.8 47.8 143.3

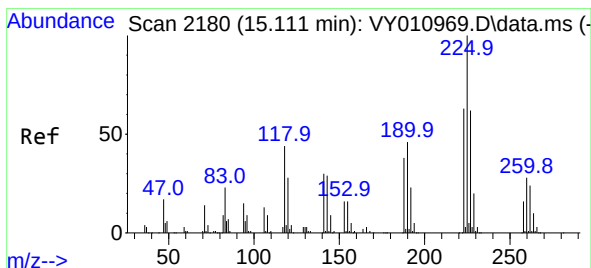
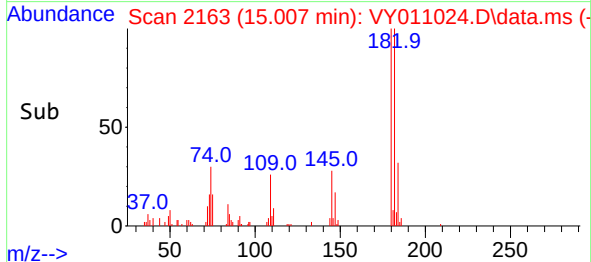
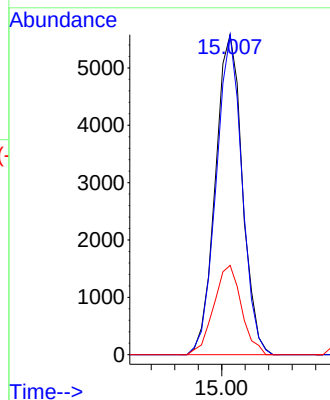
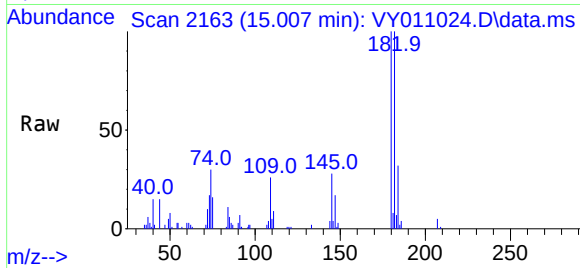




#93
1,2,4-Trichlorobenzene
Concen: 2.750 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

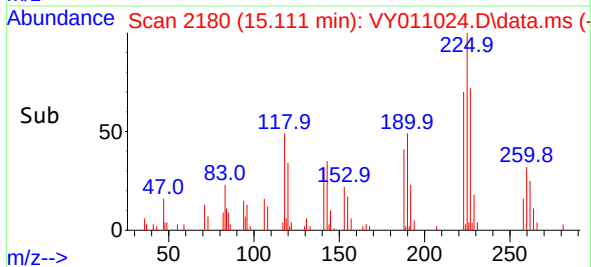
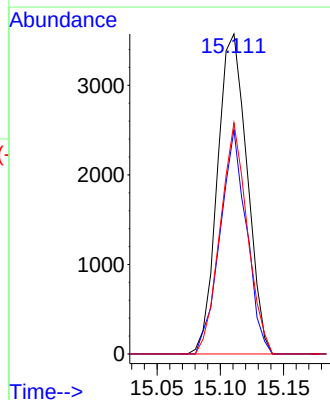
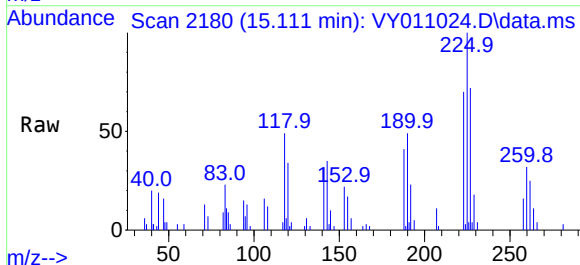
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

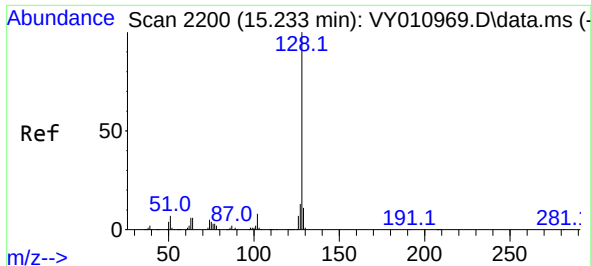
Tgt Ion:	180	Resp:	8878
Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	141.9
145	28.7	14.6	43.8



#94
Hexachlorobutadiene
Concen: 3.063 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion:	225	Resp:	5821
Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.8	92.3
227	66.1	31.6	94.7

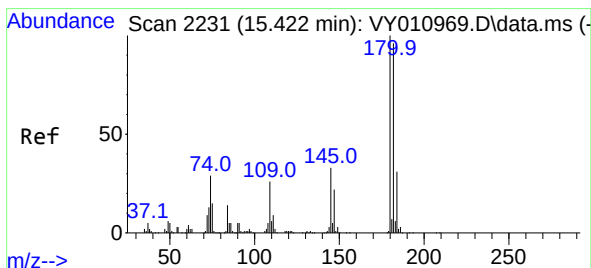
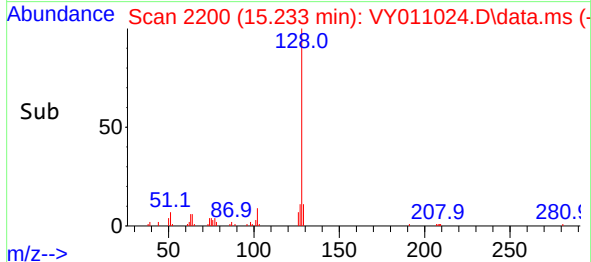
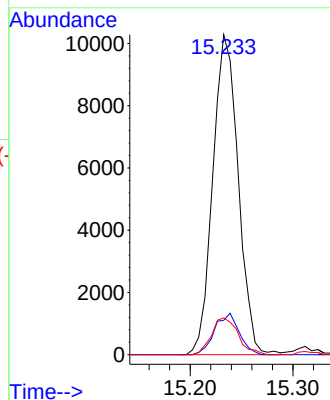
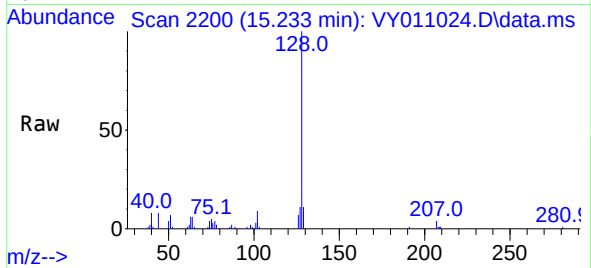




#95
Naphthalene
Concen: 2.685 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:	128	Resp:	17652
Ion	Ratio	Lower	Upper
128	100		
127	12.5	11.0	16.4
129	12.1	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.785 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011024.D
Acq: 20 Oct 2022 14:50

Tgt Ion:	180	Resp:	7844
Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	141.9
145	32.5	15.3	45.9

