

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011025.D
 Acq On : 20 Oct 2022 15:13
 Operator : KP/MD
 Sample : N4955-01 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 20 22:23:51 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	250390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	414972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113367	49.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.300%
35) Dibromofluoromethane	7.716	113	116124	50.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.420%
50) Toluene-d8	10.179	98	405911	46.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.477	95	147359	47.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	8062	4.854	ug/l	96
3) Chloromethane	2.113	50	11481	4.818	ug/l	98
4) Vinyl Chloride	2.247	62	13081	4.844	ug/l	98
5) Bromomethane	2.650	94	10022	5.365	ug/l	99
6) Chloroethane	2.796	64	8752	4.849	ug/l	100
7) Trichlorofluoromethane	3.125	101	18902	4.782	ug/l	100
8) Diethyl Ether	3.522	74	7046	4.777	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.906	101	11812	4.764	ug/l	91
10) Methyl Iodide	4.089	142	13027	4.294	ug/l	90
11) Tert butyl alcohol	4.942	59	8643	12.689	ug/l	98
12) 1,1-Dichloroethene	3.869	96	11095	4.671	ug/l #	76
13) Acrolein	3.729	56	6765	18.194	ug/l	100
14) Allyl chloride	4.485	41	17059	4.529	ug/l #	87
15) Acrylonitrile	5.155	53	16933	22.022	ug/l	99
16) Acetone	3.948	43	16755	25.015	ug/l #	77
17) Carbon Disulfide	4.192	76	32616	4.684	ug/l	98
18) Methyl Acetate	4.479	43	14165	4.980	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	28946	4.362	ug/l	100
20) Methylene Chloride	4.716	84	36244	6.982	ug/l #	83
21) trans-1,2-Dichloroethene	5.222	96	12854	4.794	ug/l #	81
22) Diisopropyl ether	6.119	45	35085	4.349	ug/l #	95
23) Vinyl Acetate	6.058	43	86759	17.985	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	22592	4.638	ug/l	98
25) 2-Butanone	6.978	43	25922	25.520	ug/l	93
26) 2,2-Dichloropropane	6.978	77	25423	5.878	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	14245	4.609	ug/l	96
28) Bromochloromethane	7.332	49	7242	7.421	ug/l	87
29) Tetrahydrofuran	7.344	42	13501	21.604	ug/l #	86
30) Chloroform	7.509	83	23771	4.842	ug/l	100
31) Cyclohexane	7.783	56	23120	5.238	ug/l #	67
32) 1,1,1-Trichloroethane	7.704	97	20182	4.676	ug/l	96
36) 1,1-Dichloropropene	7.917	75	18042	4.670	ug/l	99
37) Ethyl Acetate	7.076	43	9605	4.491	ug/l #	93
38) Carbon Tetrachloride	7.905	117	18586	4.661	ug/l	96
39) Methylcyclohexane	9.185	83	20078	4.339	ug/l	92
40) Benzene	8.161	78	52345	4.618	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	12648	10.913	ug/l #	22
42) 1,2-Dichloroethane	8.240	62	14781	4.706	ug/l	92
43) Isopropyl Acetate	8.271	43	16219	4.244	ug/l #	86
44) Trichloroethene	8.941	130	14427	4.697	ug/l	96
45) 1,2-Dichloropropane	9.216	63	13125	4.564	ug/l	99
46) Dibromomethane	9.307	93	7614	4.747	ug/l	94
47) Bromodichloromethane	9.496	83	17676	4.573	ug/l	94
48) Methyl methacrylate	9.289	41	6942	4.059	ug/l #	83
49) 1,4-Dioxane	9.295	88	2080	90.255	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	44199	20.740	ug/l	90
52) Toluene	10.240	92	32774	4.654	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	17281	4.304	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	20250	4.407	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	10511	4.542	ug/l	96
56) Ethyl methacrylate	10.508	69	12109	3.940	ug/l #	80
57) 1,3-Dichloropropane	10.789	76	18319	4.604	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	30492	35.653	ug/l	96
59) 2-Hexanone	10.831	43	28545	19.500	ug/l	87
60) Dibromochloromethane	10.984	129	12150	4.416	ug/l	99
61) 1,2-Dibromoethane	11.087	107	9964	4.497	ug/l	96
64) Tetrachloroethene	10.721	164	14116	4.897	ug/l	98
65) Chlorobenzene	11.514	112	34342	4.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	13124	4.664	ug/l	94
67) Ethyl Benzene	11.593	91	59095	4.394	ug/l	99
68) m/p-Xylenes	11.697	106	44620	8.624	ug/l	94
69) o-Xylene	12.026	106	21012	4.277	ug/l	93
70) Styrene	12.044	104	34018	4.086	ug/l	96
71) Bromoform	12.203	173	7871	4.532	ug/l #	95
73) Isopropylbenzene	12.331	105	54663	4.285	ug/l	99
74) N-amyl acetate	12.142	43	12221	3.775	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	12509	4.672	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	15970	8.010	ug/l #	100
77) Bromobenzene	12.611	156	13344	4.475	ug/l	98
78) n-propylbenzene	12.672	91	68079	4.386	ug/l	98
79) 2-Chlorotoluene	12.752	91	38781	4.436	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	46319	4.351	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4039	4.357	ug/l	86
82) 4-Chlorotoluene	12.855	91	41362	4.544	ug/l	97
83) tert-Butylbenzene	13.075	119	39518	4.293	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	44218	4.213	ug/l	98
85) sec-Butylbenzene	13.252	105	59488	4.301	ug/l	99
86) p-Isopropyltoluene	13.367	119	47262	4.119	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	26541	4.459	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	26622	4.499	ug/l	94
89) n-Butylbenzene	13.697	91	44624	4.162	ug/l	98
90) Hexachloroethane	13.959	117	10160	4.486	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	23314	4.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2033	4.592	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	12728	3.999	ug/l	99
94) Hexachlorobutadiene	15.111	225	8551	4.565	ug/l	98
95) Naphthalene	15.239	128	23875	3.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	10959	3.947	ug/l	99

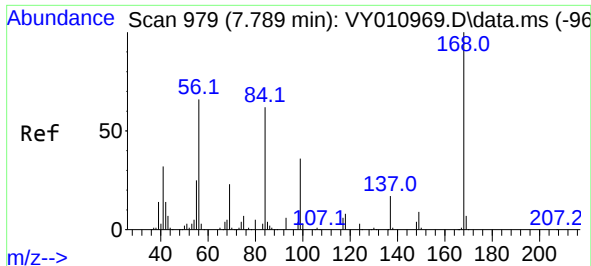
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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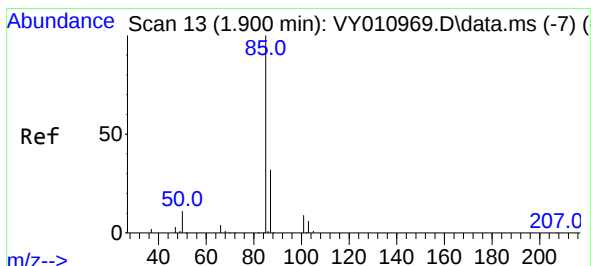
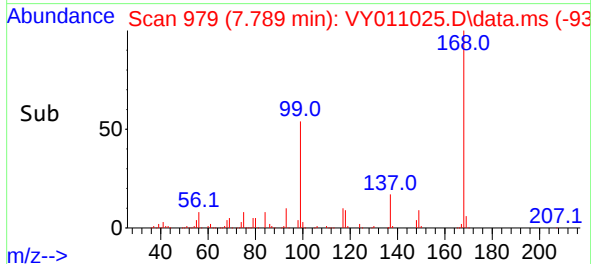
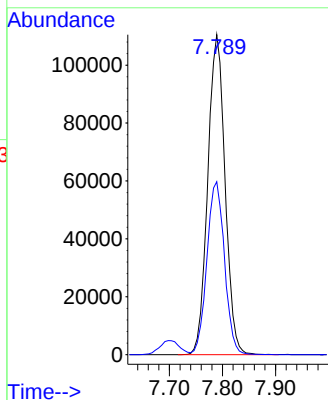
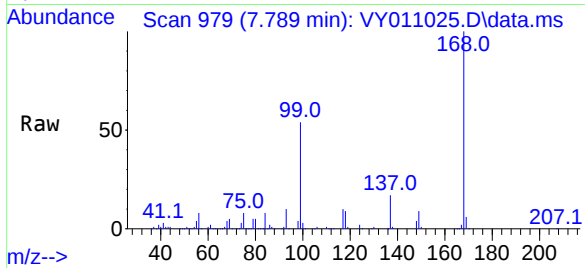
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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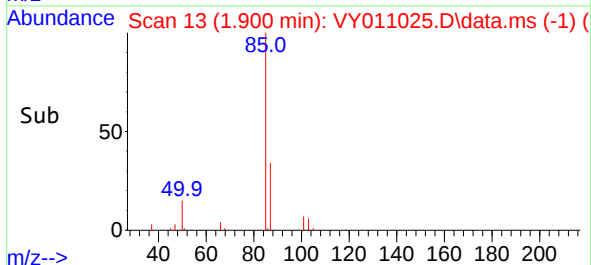
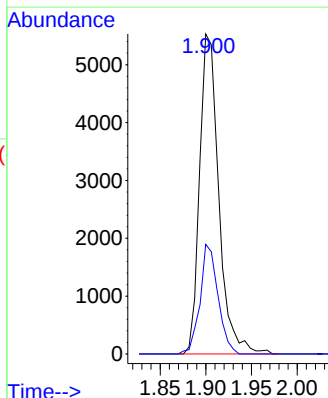
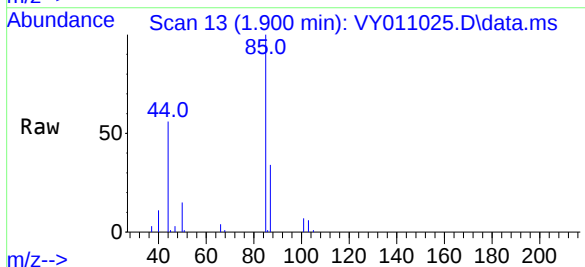
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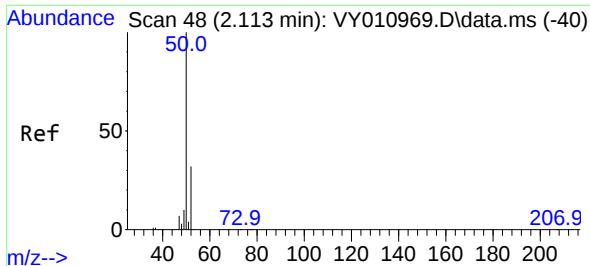
Tgt Ion:168 Resp: 250390
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 4.854 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 85 Resp: 8062
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.2

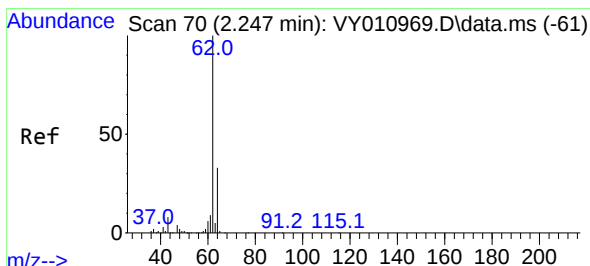
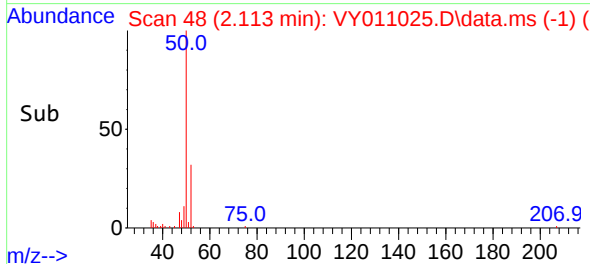
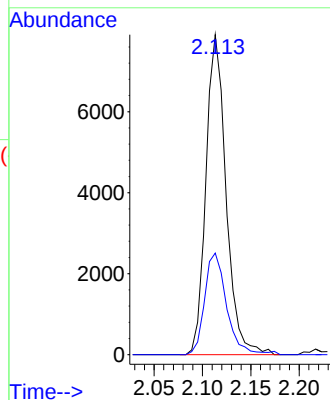
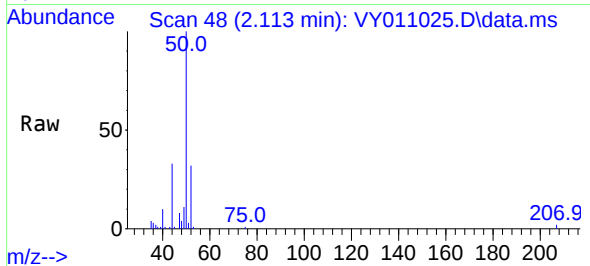




#3
Chloromethane
Concen: 4.818 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

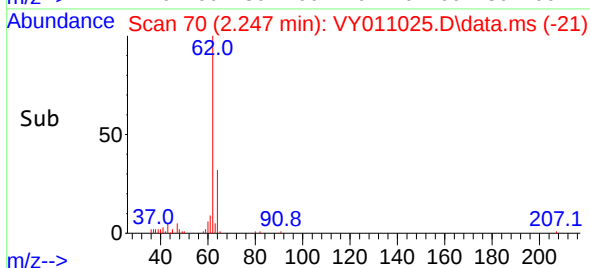
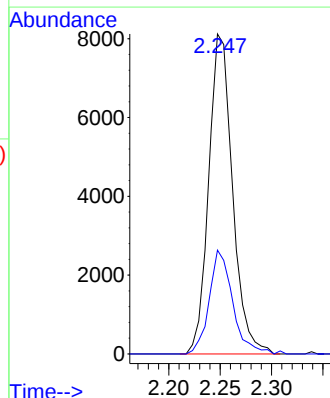
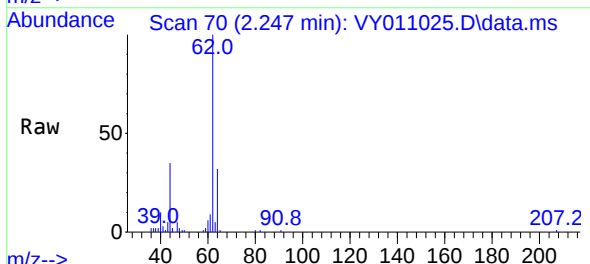
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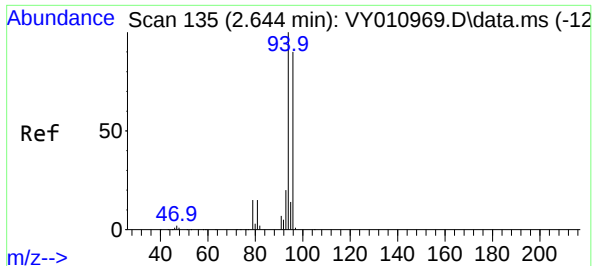
Tgt Ion: 50 Resp: 11481
Ion Ratio Lower Upper
50 100
52 31.7 24.6 37.0



#4
Vinyl Chloride
Concen: 4.844 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 62 Resp: 13081
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.6

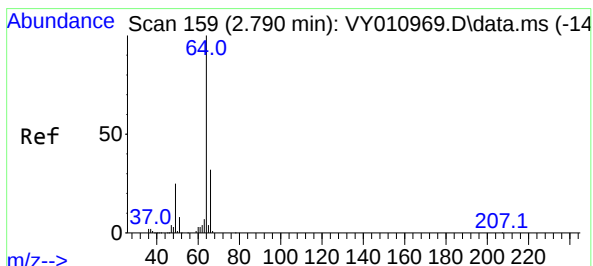
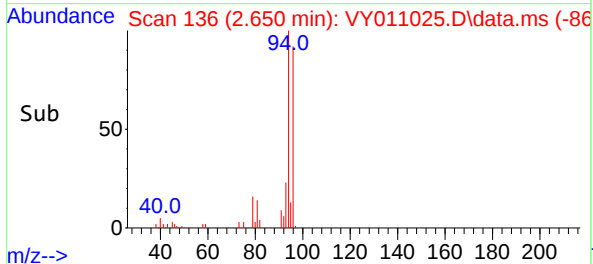
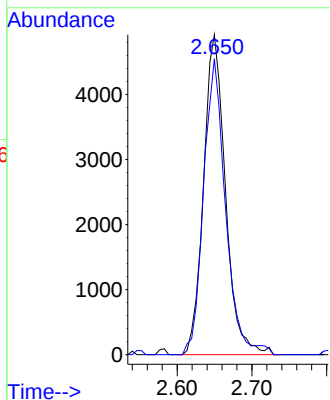
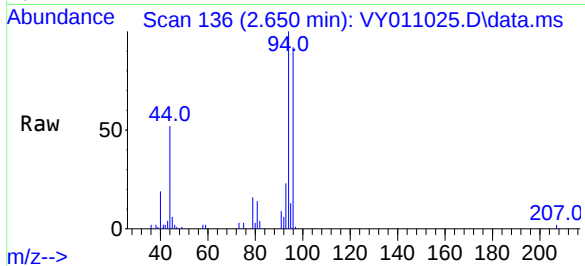




#5
Bromomethane
Concen: 5.365 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

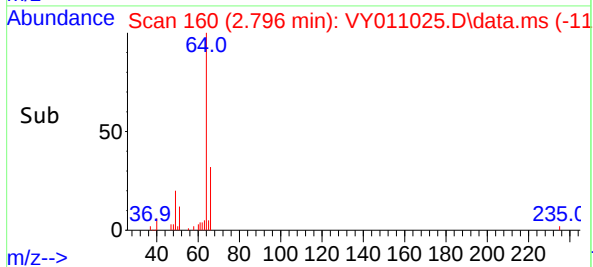
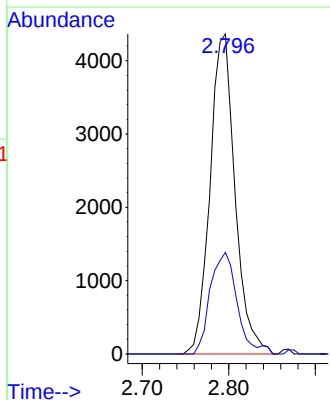
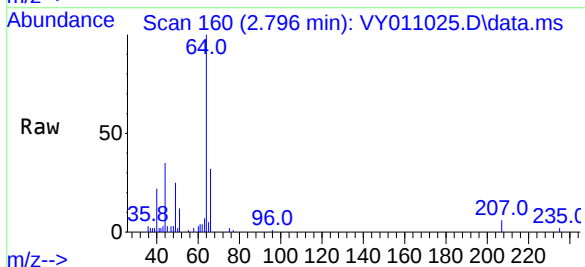
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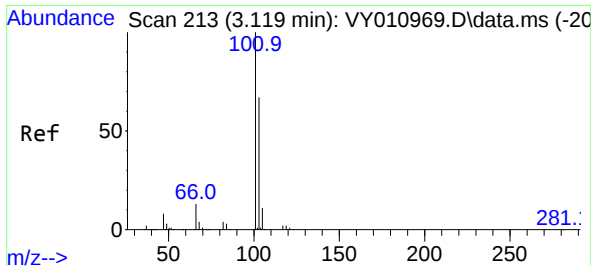
Tgt Ion: 94 Resp: 10022
Ion Ratio Lower Upper
94 100
96 92.4 73.5 110.3



#6
Chloroethane
Concen: 4.849 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 64 Resp: 8752
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0

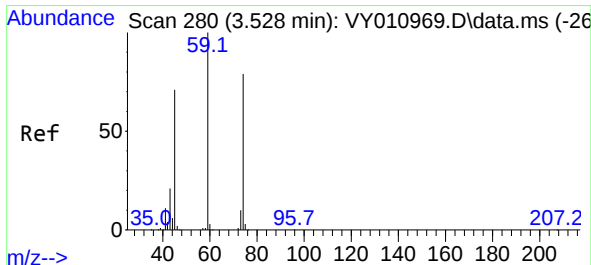
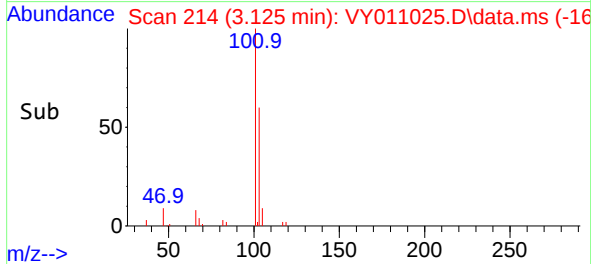
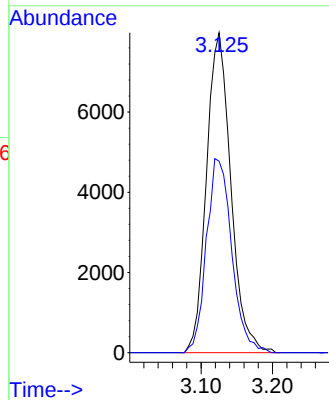
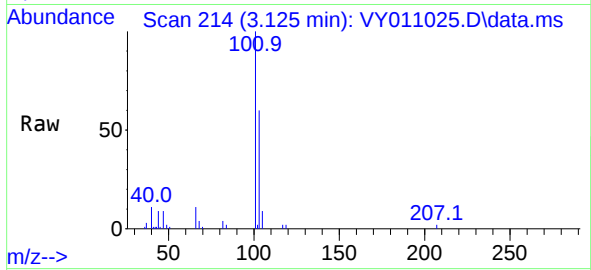




#7
Trichlorofluoromethane
Concen: 4.782 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

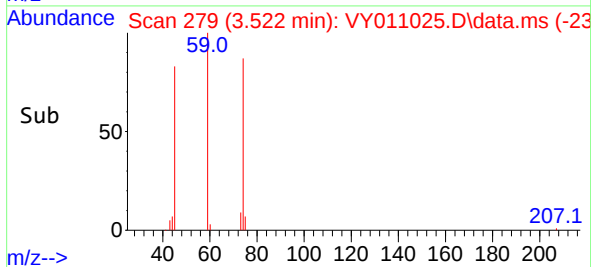
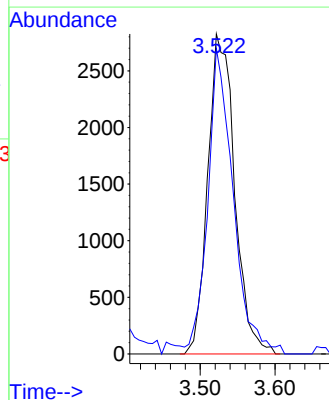
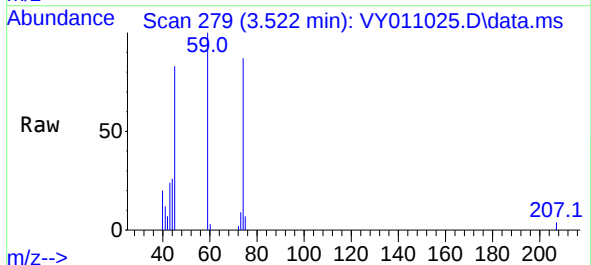
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LOD-MDL-SOIL-01-QT4-2022

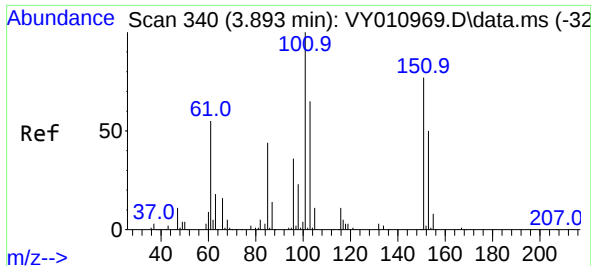
Tgt Ion:101 Resp: 18902
Ion Ratio Lower Upper
101 100
103 59.8 48.0 72.0



#8
Diethyl Ether
Concen: 4.777 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 74 Resp: 7046
Ion Ratio Lower Upper
74 100
45 90.6 55.1 165.5

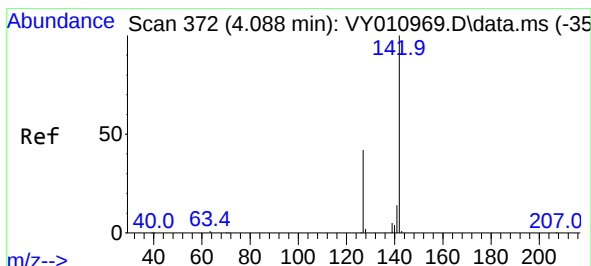
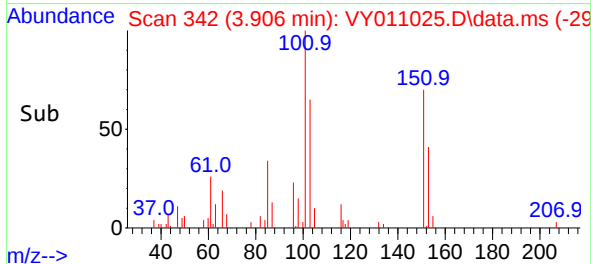
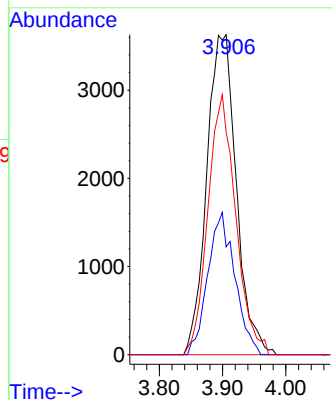
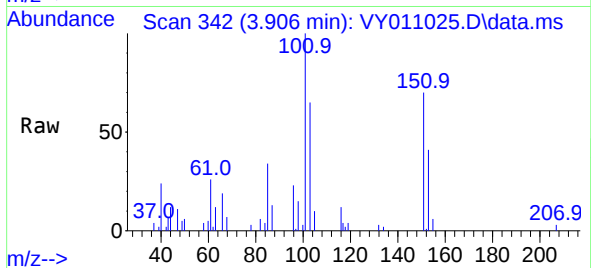




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.764 ug/l
RT: 3.906 min Scan# 340
Delta R.T. 0.013 min
Lab File: VY011025.D
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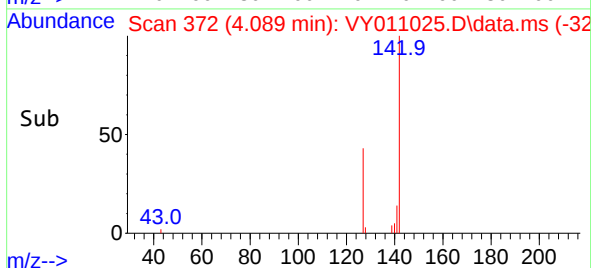
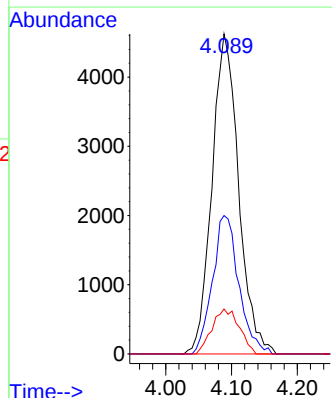
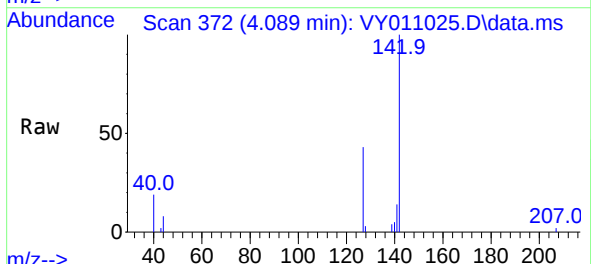
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

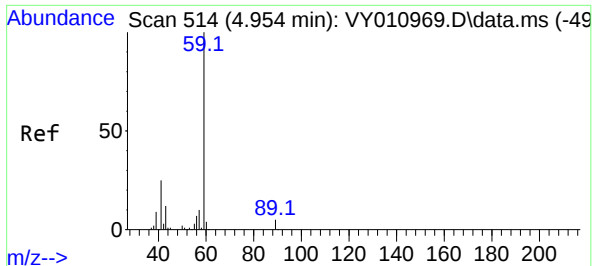
Tgt Ion:101 Resp: 11812
Ion Ratio Lower Upper
101 100
85 40.6 40.6 60.8
151 76.4 64.9 97.3



#10
Methyl Iodide
Concen: 4.294 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.001 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:142 Resp: 13027
Ion Ratio Lower Upper
142 100
127 42.7 41.5 62.3
141 14.4 11.9 17.9

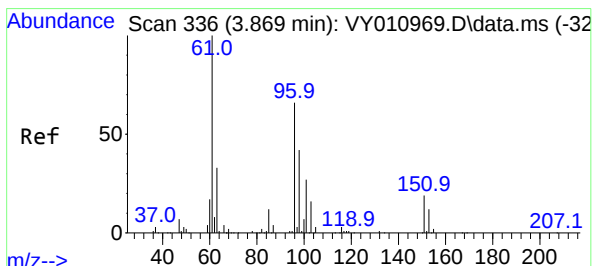
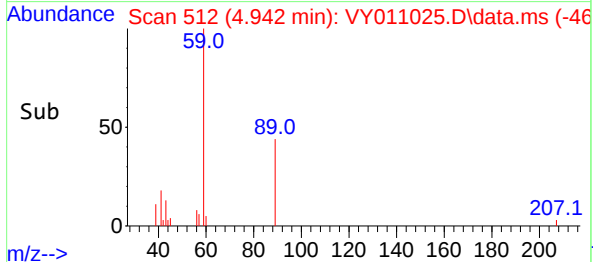
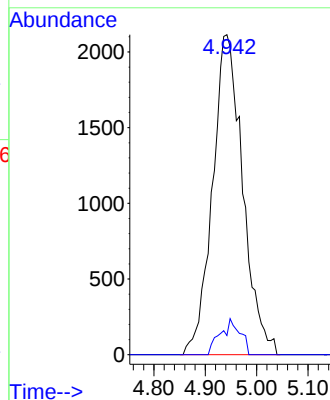
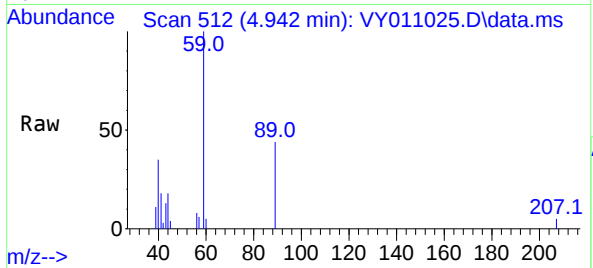




#11
Tert butyl alcohol
Concen: 12.689 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

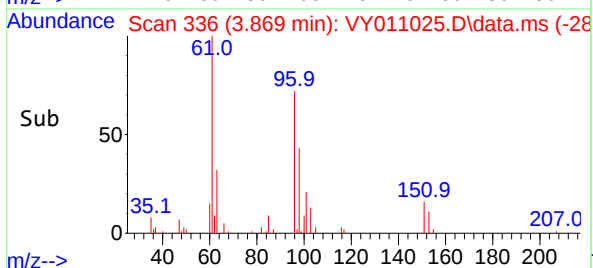
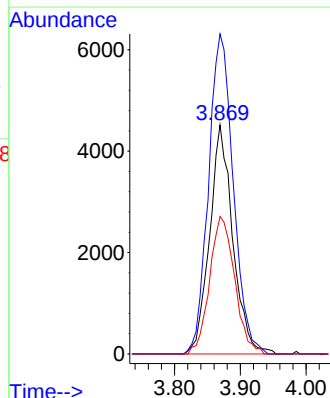
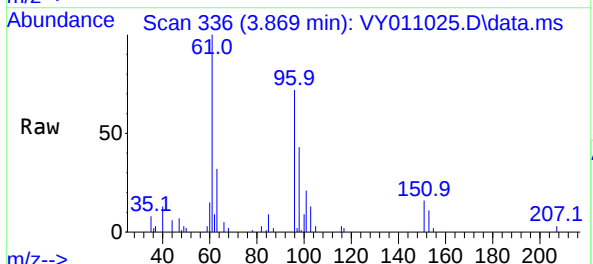
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

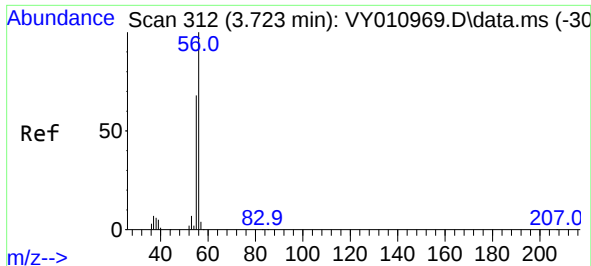
Tgt Ion: 59 Resp: 8643
Ion Ratio Lower Upper
59 100
57 7.3 6.4 9.6



#12
1,1-Dichloroethene
Concen: 4.671 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 96 Resp: 11095
Ion Ratio Lower Upper
96 100
61 139.7 145.8 218.6#
98 60.0 52.5 78.7

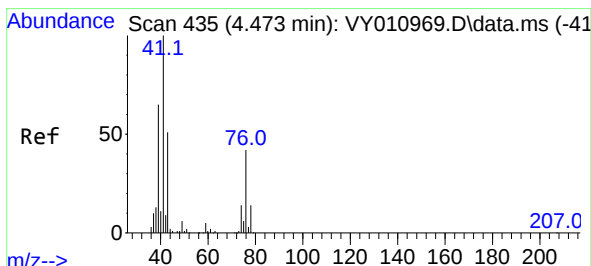
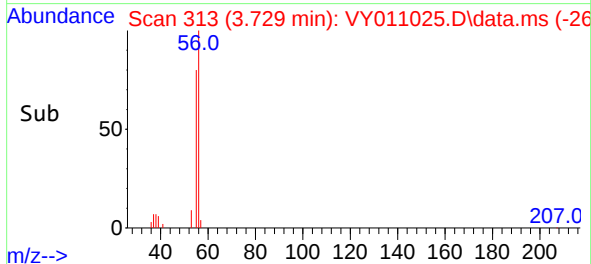
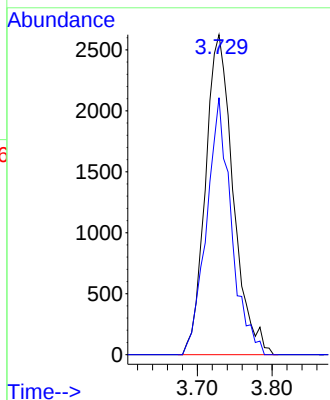
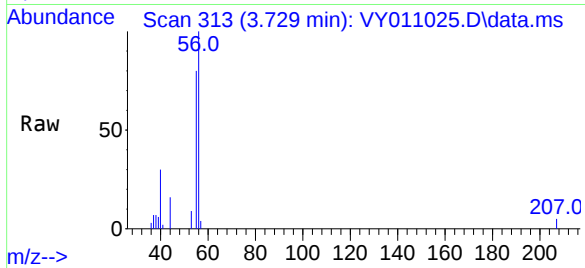




#13
Acrolein
Concen: 18.194 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

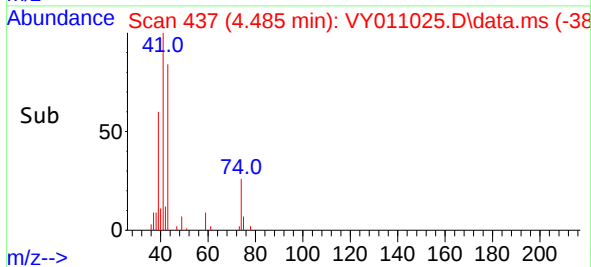
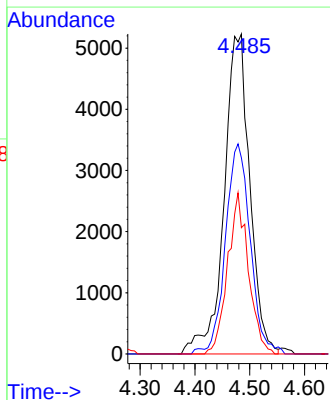
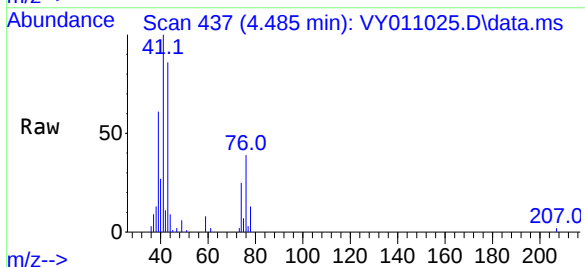
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

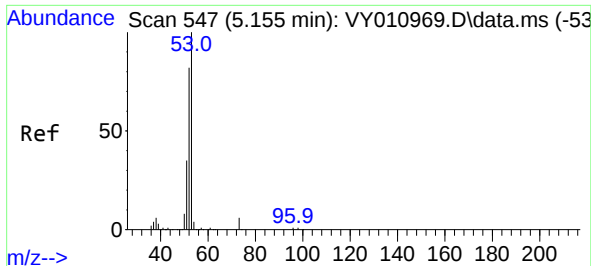
Tgt Ion: 56 Resp: 6765
Ion Ratio Lower Upper
56 100
55 72.0 57.6 86.4



#14
Allyl chloride
Concen: 4.529 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 41 Resp: 17059
Ion Ratio Lower Upper
41 100
39 63.4 58.8 88.2
76 40.7 25.1 37.7#

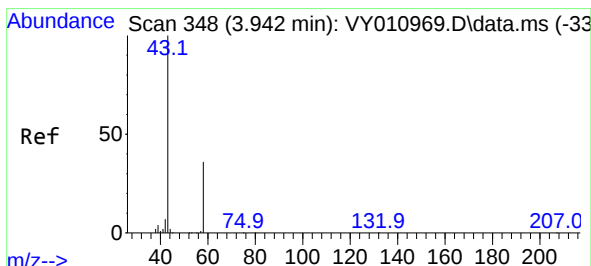
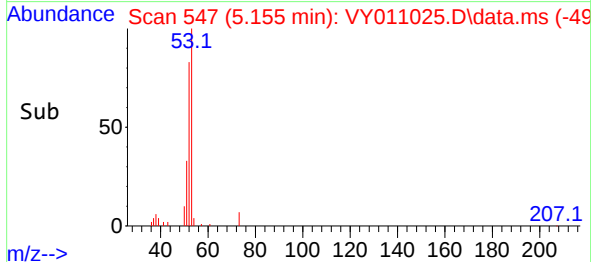
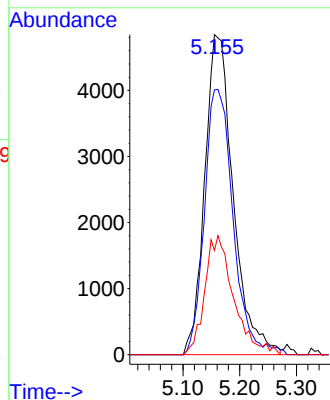
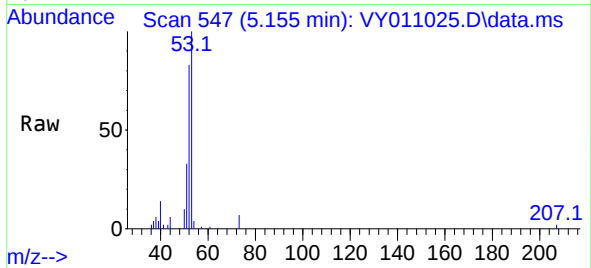




#15
Acrylonitrile
Concen: 22.022 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

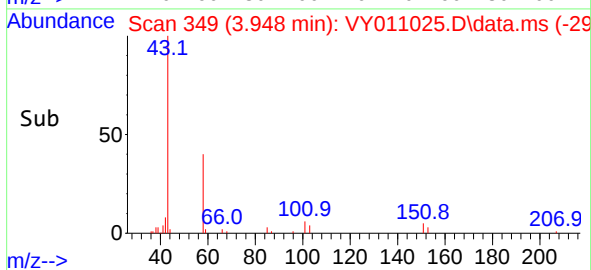
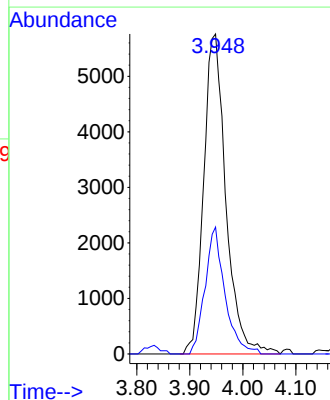
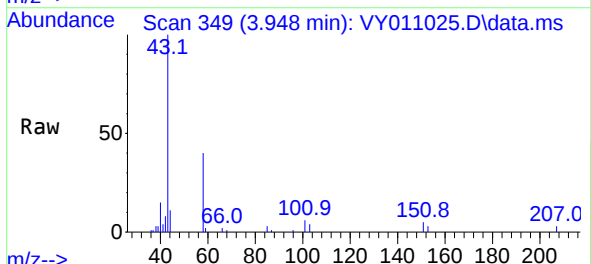
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

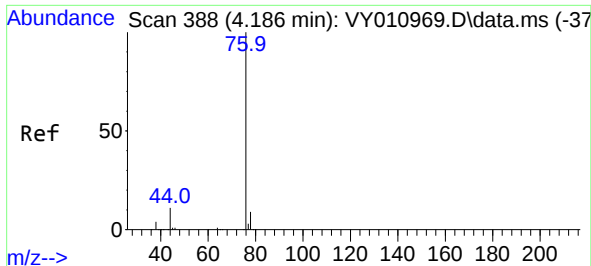
Tgt Ion: 53 Resp: 16933
Ion Ratio Lower Upper
53 100
52 83.3 67.0 100.4
51 37.7 29.8 44.6



#16
Acetone
Concen: 25.015 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 43 Resp: 16755
Ion Ratio Lower Upper
43 100
58 39.6 22.0 33.0#

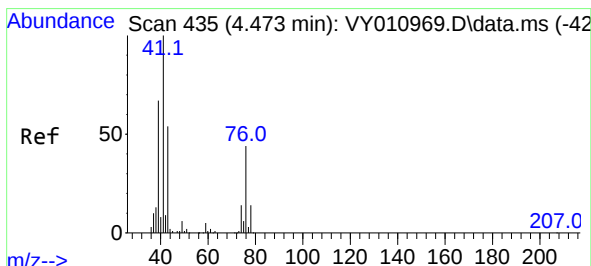
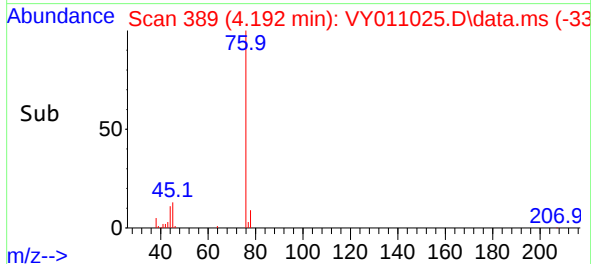
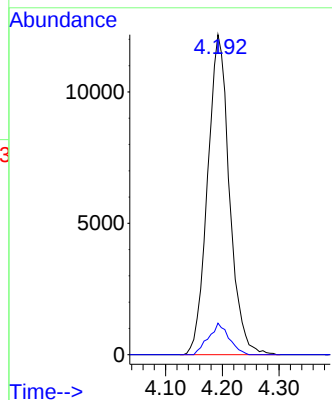
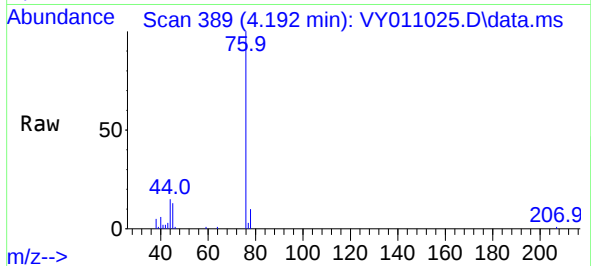




#17
Carbon Disulfide
Concen: 4.684 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

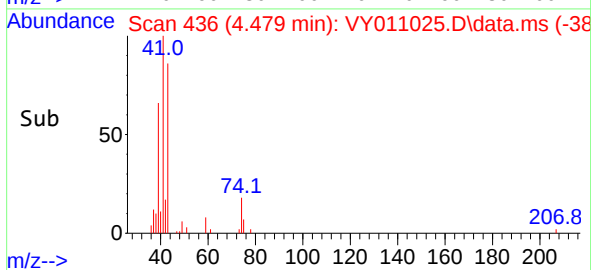
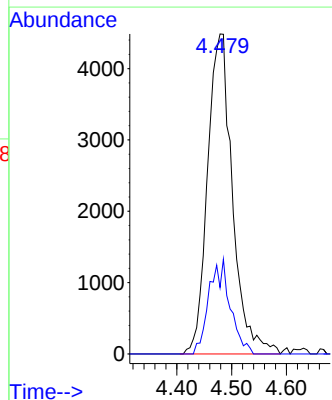
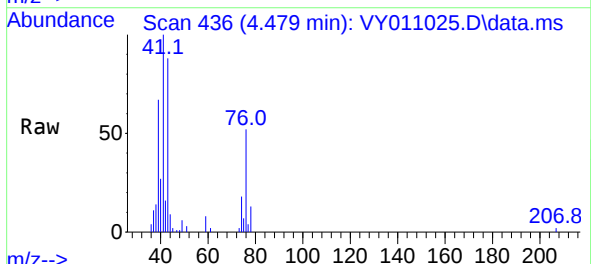
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

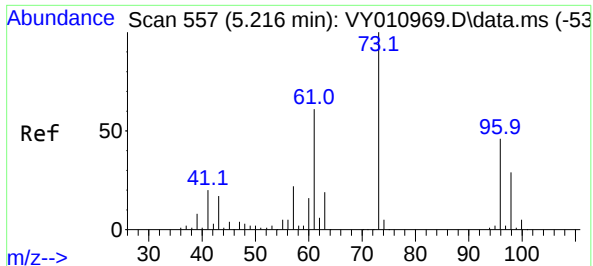
Tgt Ion: 76 Resp: 32616
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 4.980 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 43 Resp: 14165
Ion Ratio Lower Upper
43 100
74 25.1 16.6 24.8#

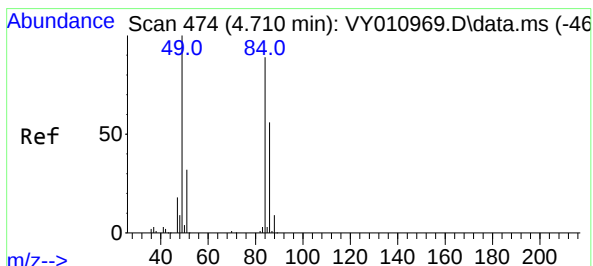
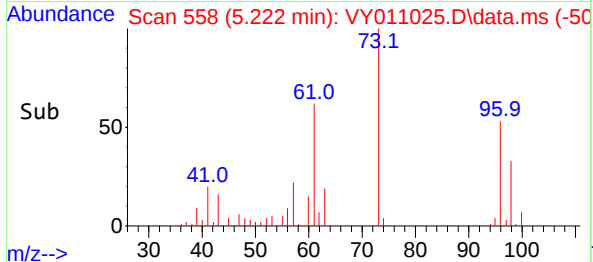
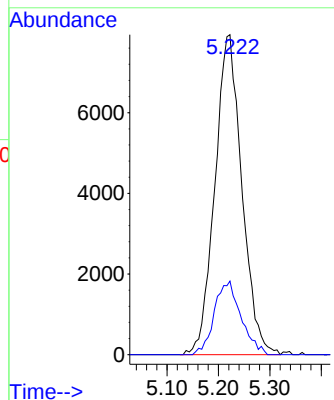
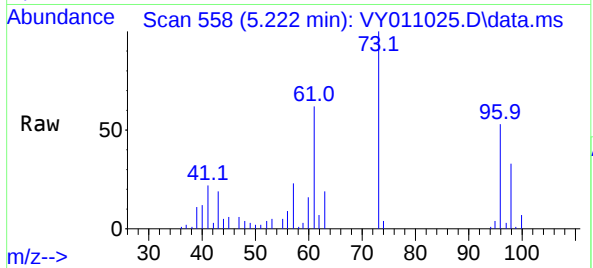




#19
Methyl tert-butyl Ether
Concen: 4.362 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

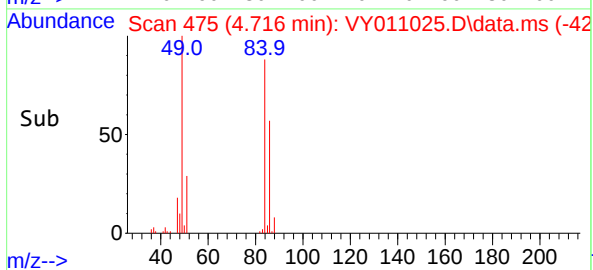
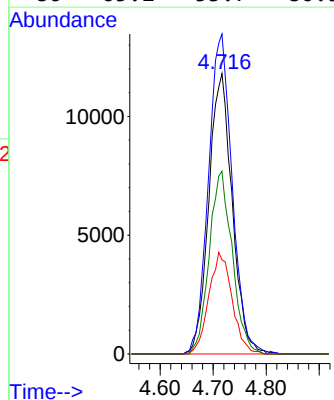
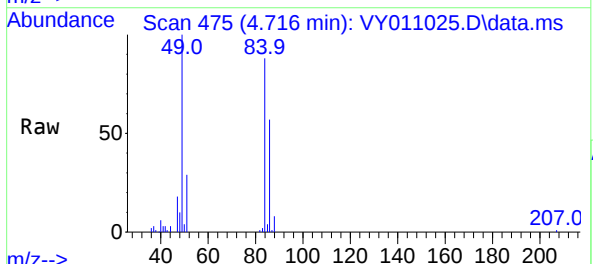
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

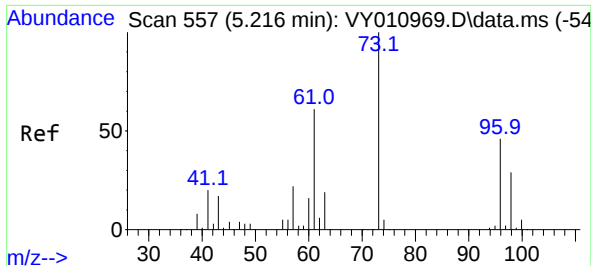
Tgt Ion: 73 Resp: 28946
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8



#20
Methylene Chloride
Concen: 6.982 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 84 Resp: 36244
Ion Ratio Lower Upper
84 100
49 114.1 114.4 171.6#
51 33.6 35.3 52.9#
86 65.2 53.7 80.5

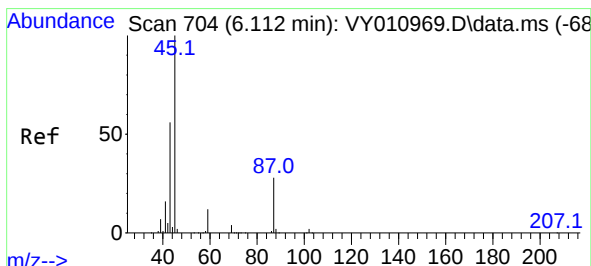
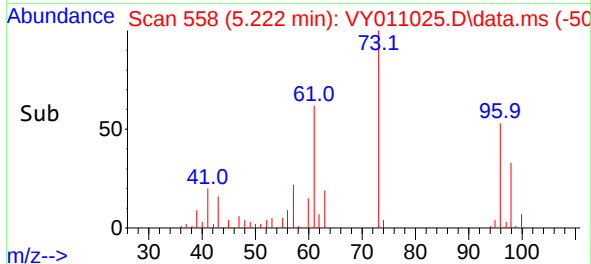
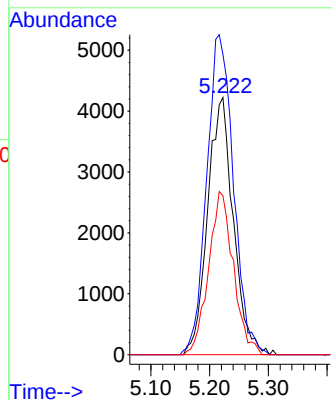
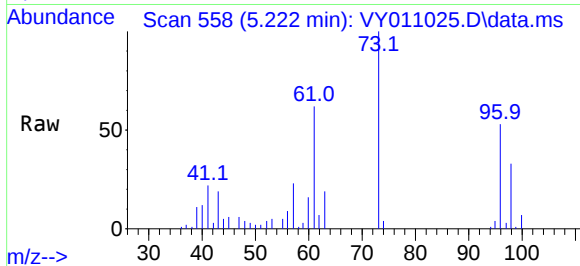




#21
trans-1,2-Dichloroethene
Concen: 4.794 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

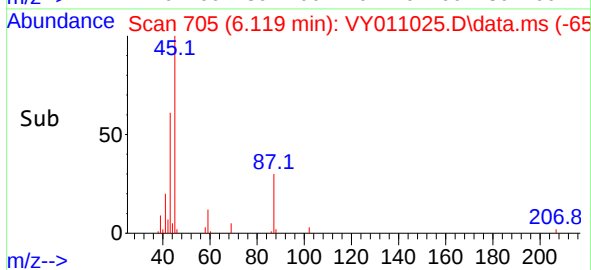
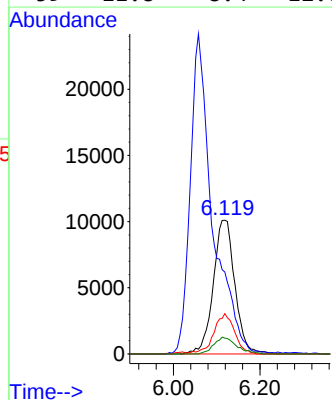
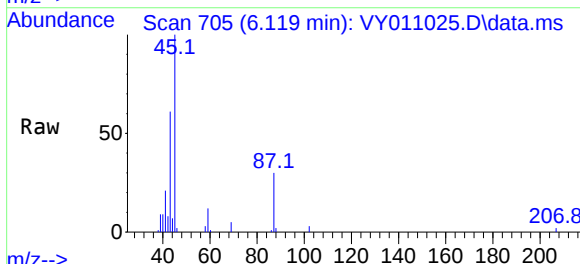
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

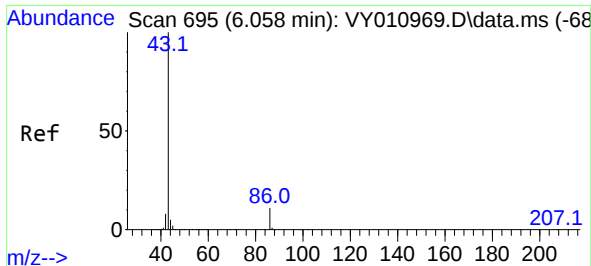
Tgt Ion: 96 Resp: 12854
Ion Ratio Lower Upper
96 100
61 116.8 120.5 180.7#
98 61.9 49.8 74.8



#22
Diisopropyl ether
Concen: 4.349 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 45 Resp: 35085
Ion Ratio Lower Upper
45 100
43 60.2 49.3 73.9
87 30.1 19.2 28.8#
59 11.8 8.4 12.6

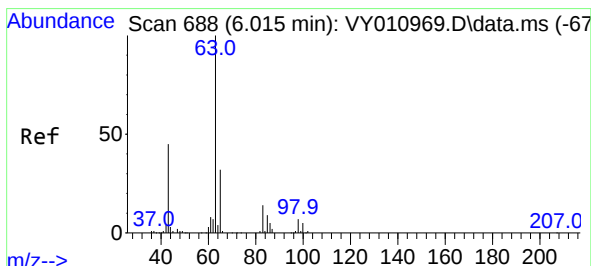
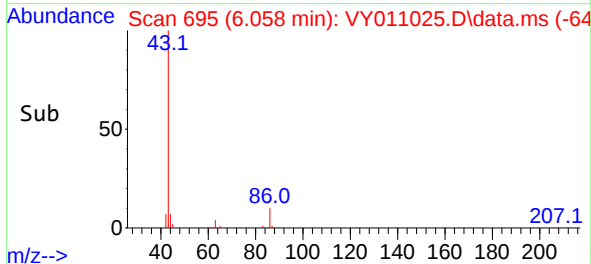
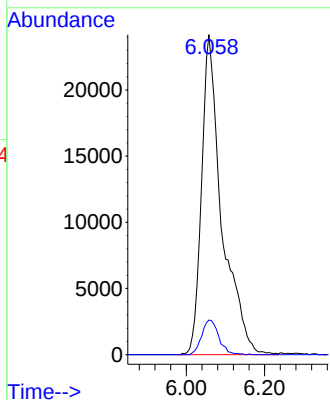
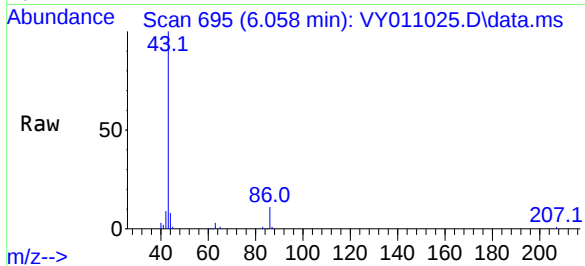




#23
 Vinyl Acetate
 Concen: 17.985 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011025.D
 Acq: 20 Oct 2022 15:13

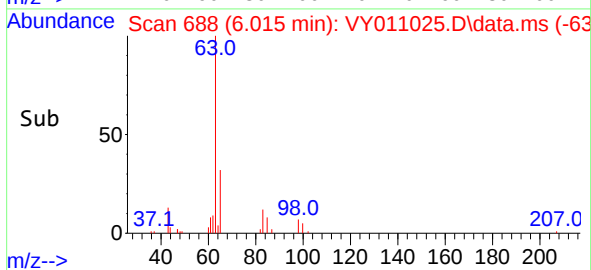
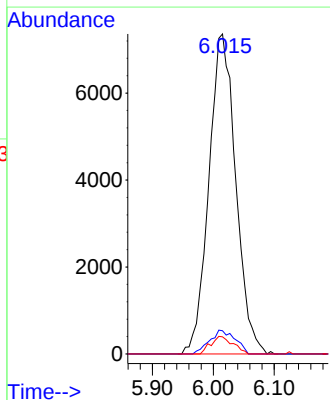
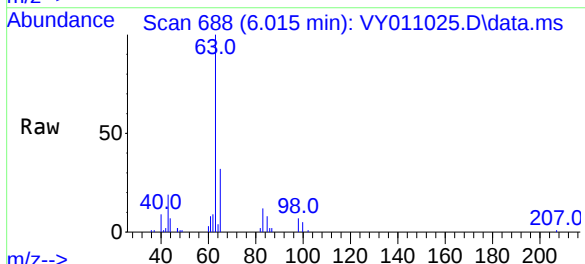
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

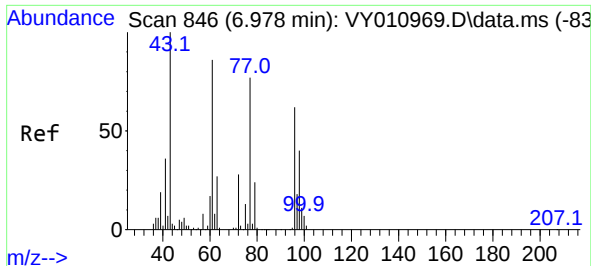
Tgt Ion: 43 Resp: 86759
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 4.638 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY011025.D
 Acq: 20 Oct 2022 15:13

Tgt Ion: 63 Resp: 22592
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.4 2.0 5.8

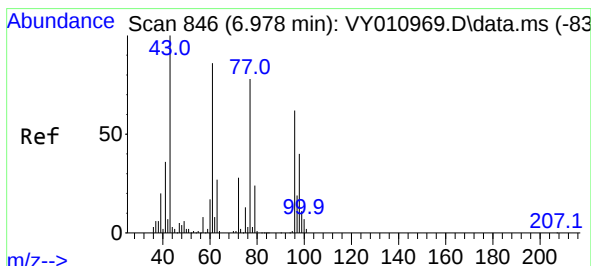
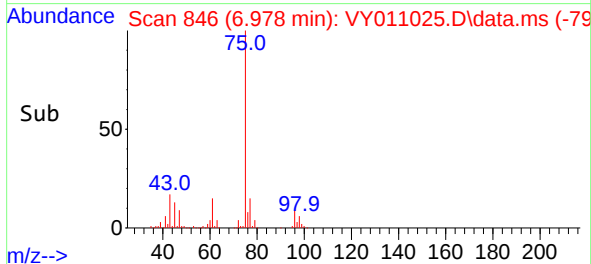
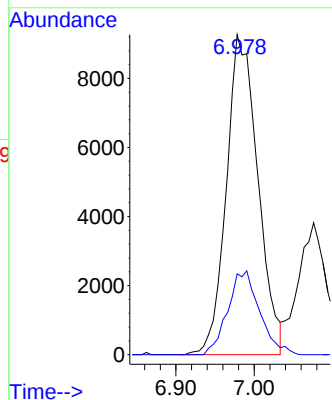
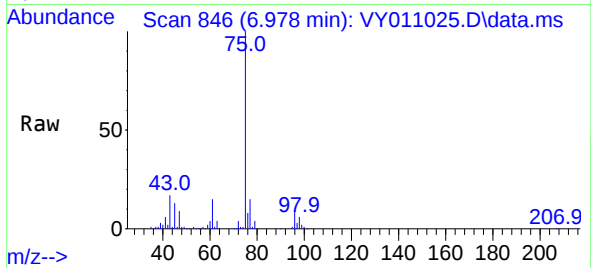




#25
2-Butanone
Concen: 25.520 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

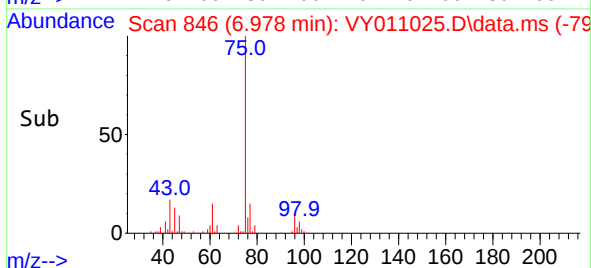
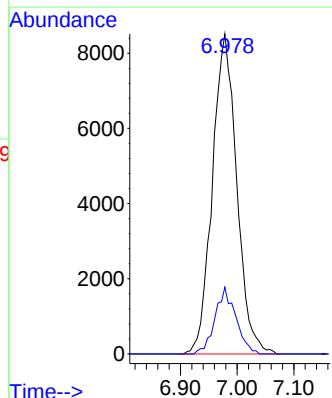
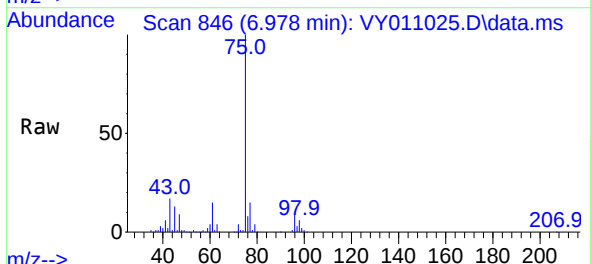
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

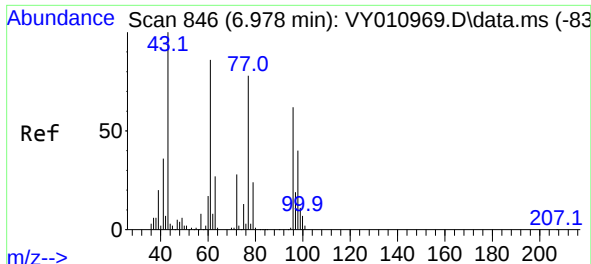
Tgt Ion: 43 Resp: 25922
Ion Ratio Lower Upper
43 100
72 25.3 17.7 26.5



#26
2,2-Dichloropropane
Concen: 5.878 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 77 Resp: 25423
Ion Ratio Lower Upper
77 100
97 17.8 10.4 31.4

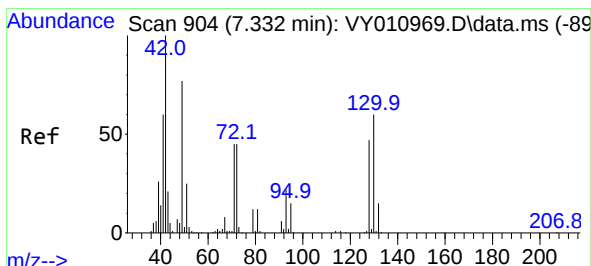
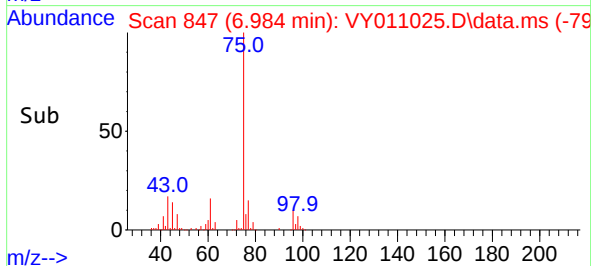
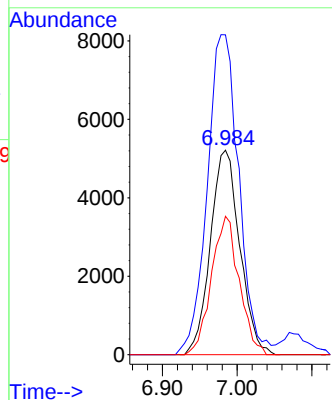
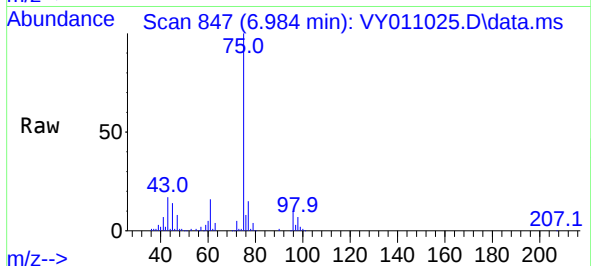




#27
 cis-1,2-Dichloroethene
 Concen: 4.609 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY011025.D
 Acq: 20 Oct 2022 15:13

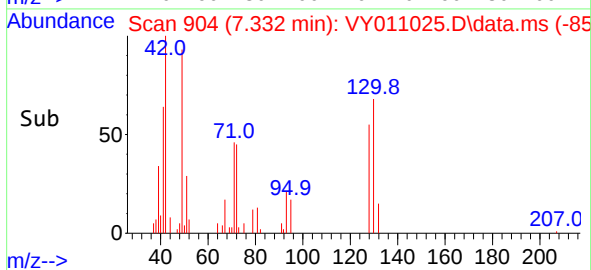
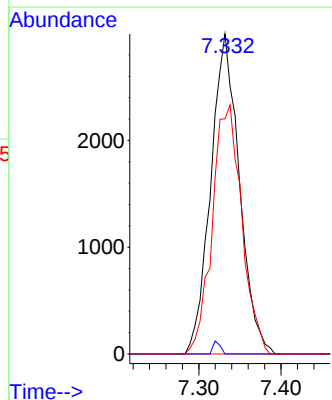
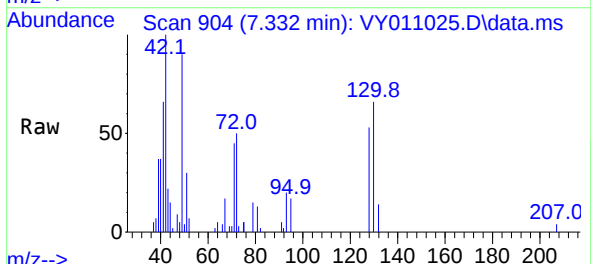
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

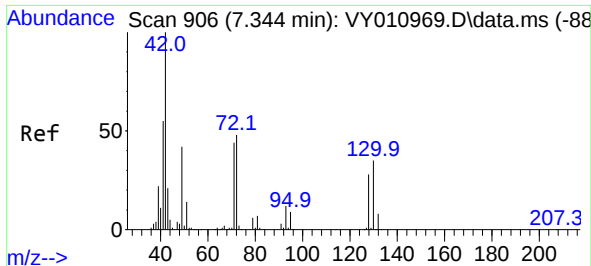
Tgt Ion:	96	Resp:	14245
Ion	Ratio	Lower	Upper
96	100		
61	167.8	0.0	319.8
98	63.8	0.0	127.0



#28
 Bromochloromethane
 Concen: 7.421 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011025.D
 Acq: 20 Oct 2022 15:13

Tgt Ion:	49	Resp:	7242
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.2
130	80.1	55.4	83.0

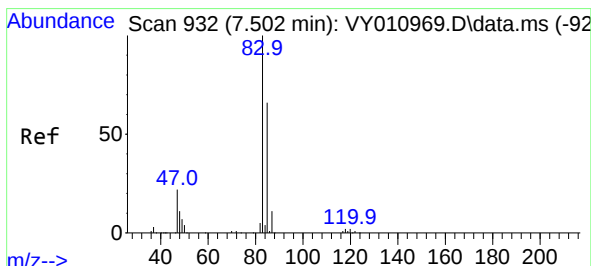
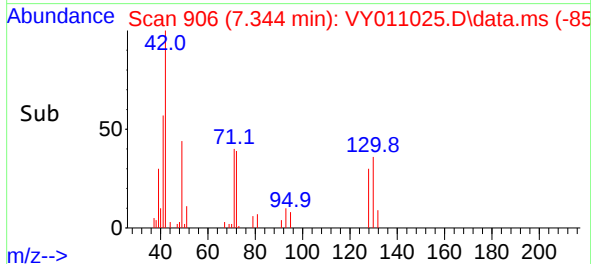
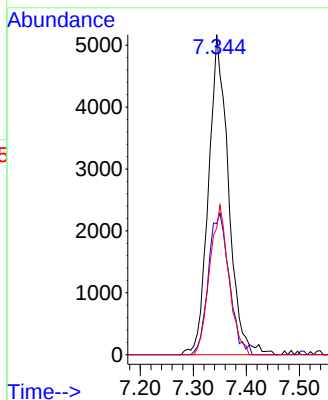
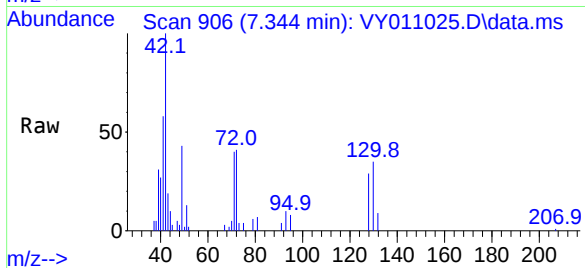




#29
Tetrahydrofuran
Concen: 21.604 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

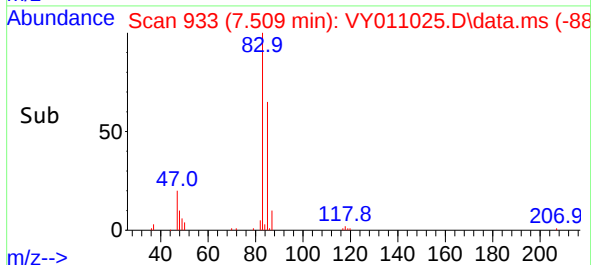
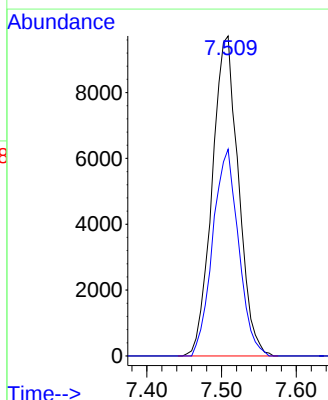
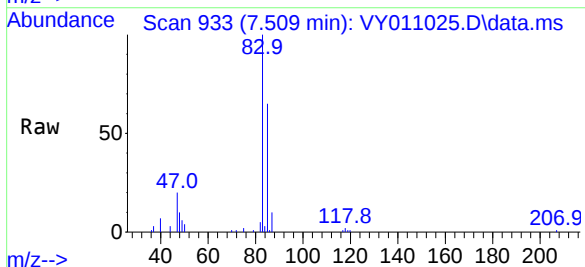
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

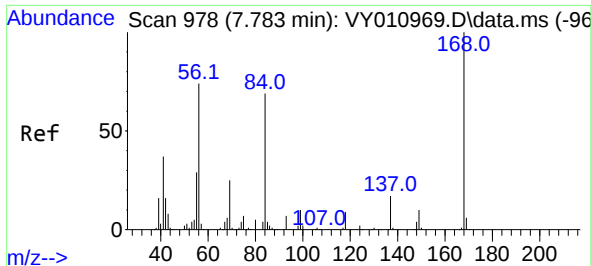
Tgt Ion: 42 Resp: 13501
Ion Ratio Lower Upper
42 100
72 46.1 30.3 45.5#
71 44.6 29.0 43.4#



#30
Chloroform
Concen: 4.842 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 83 Resp: 23771
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6

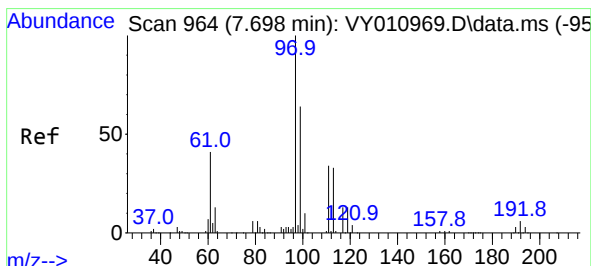
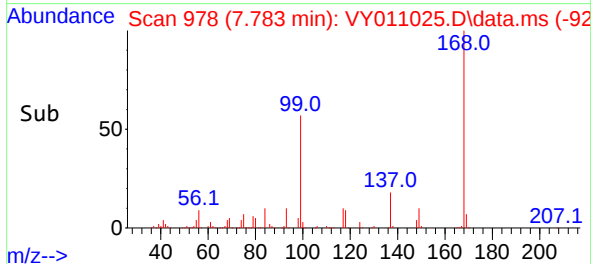
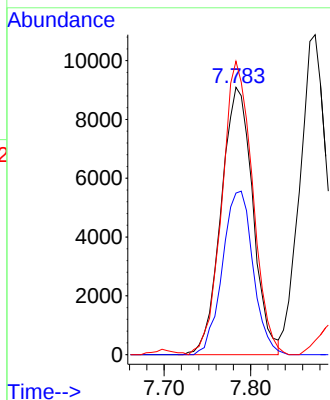
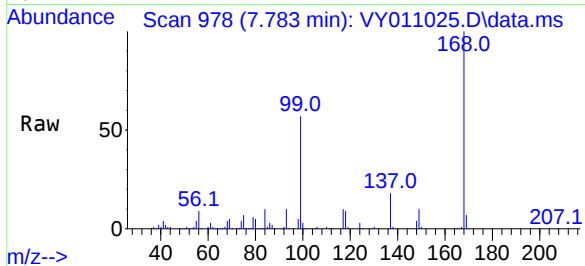




#31
Cyclohexane
Concen: 5.238 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

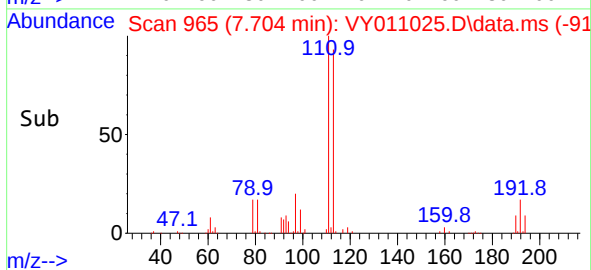
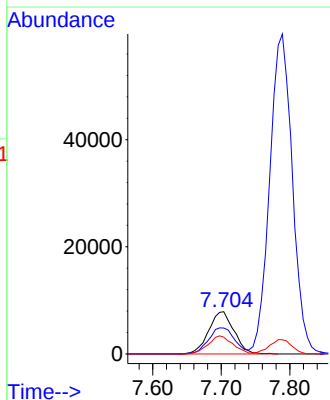
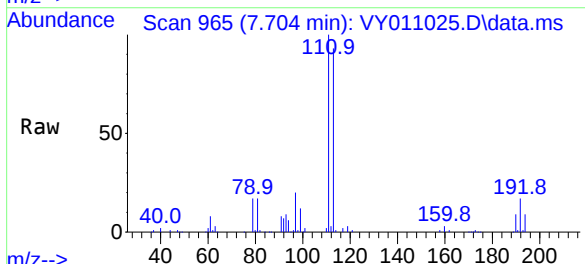
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

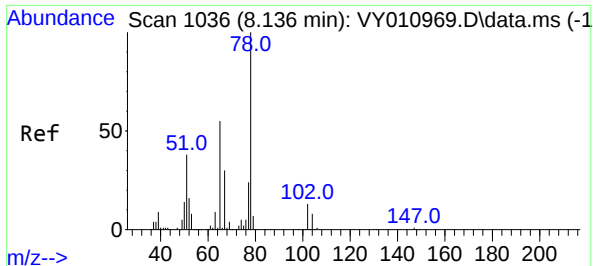
Tgt Ion: 56 Resp: 23120
Ion Ratio Lower Upper
56 100
69 60.4 26.7 40.1#
84 109.1 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 4.676 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 97 Resp: 20182
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 41.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.152 ug/l

RT: 8.143 min Scan# 11037

Delta R.T. 0.007 min

Lab File: VY011025.D

Acq: 20 Oct 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

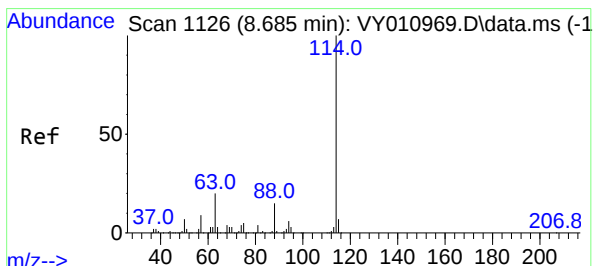
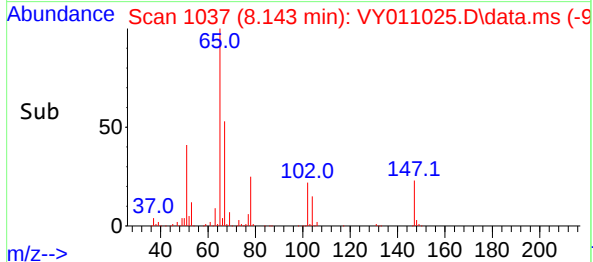
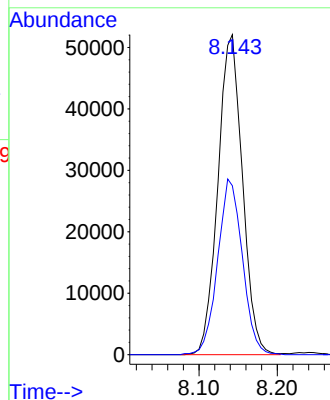
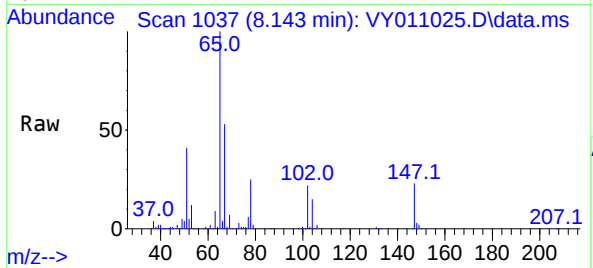
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 65 Resp: 113367

Ion Ratio Lower Upper

65 100

67 55.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011025.D

Acq: 20 Oct 2022 15:13

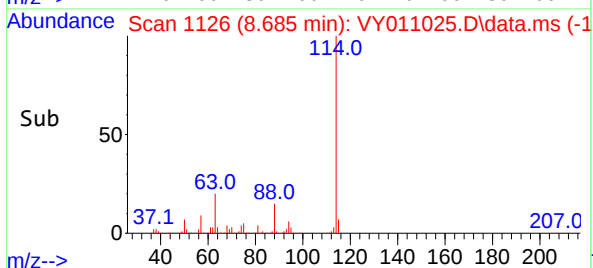
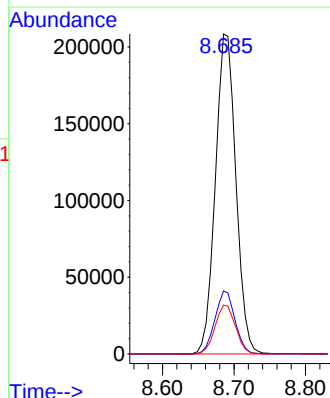
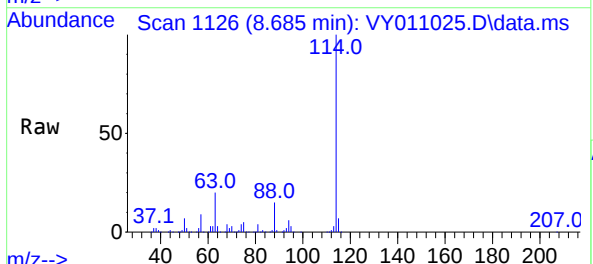
Tgt Ion: 114 Resp: 414972

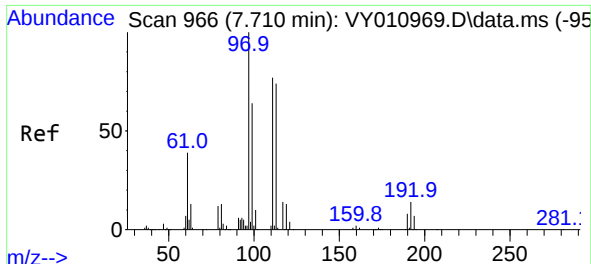
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.2 0.0 31.8

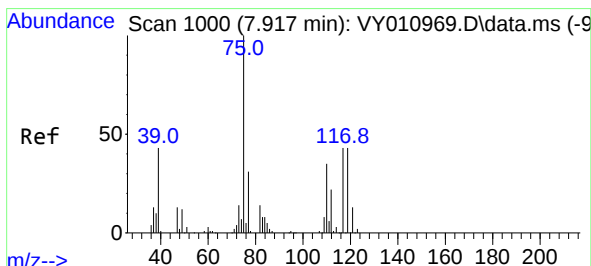
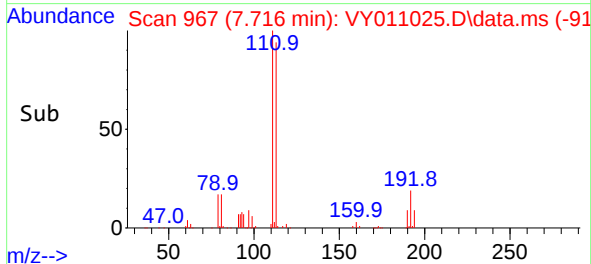
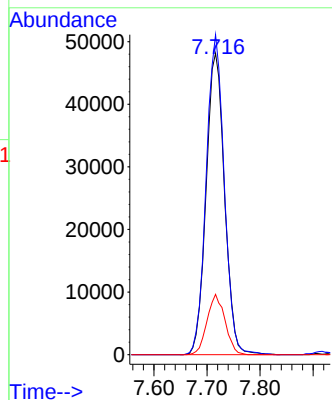
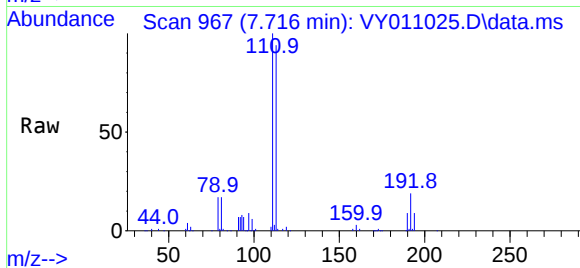




#35
Dibromofluoromethane
Concen: 50.210 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

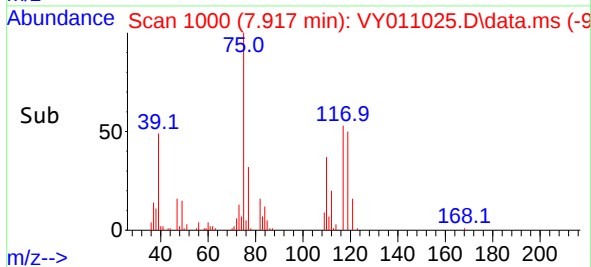
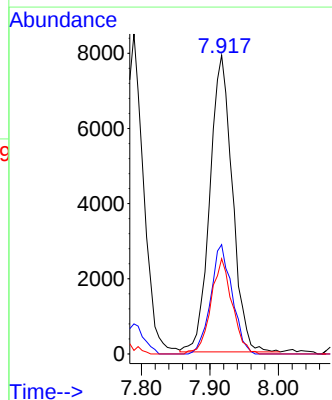
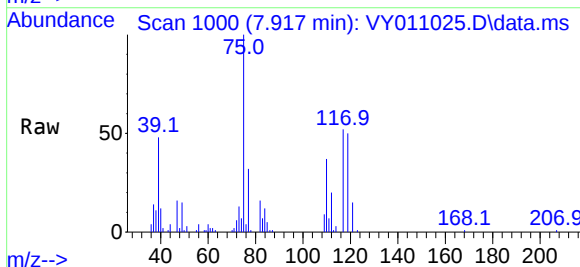
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

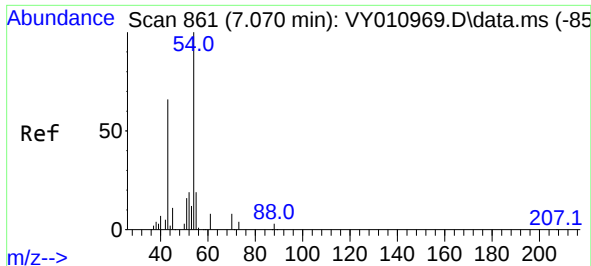
Tgt Ion:113 Resp: 116124
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.670 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 75 Resp: 18042
Ion Ratio Lower Upper
75 100
110 35.0 17.1 51.2
77 30.3 24.4 36.6

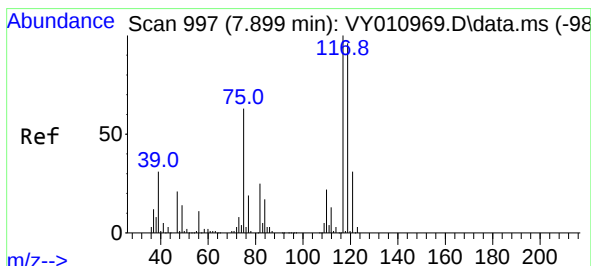
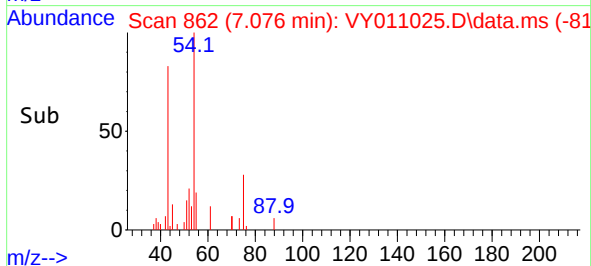
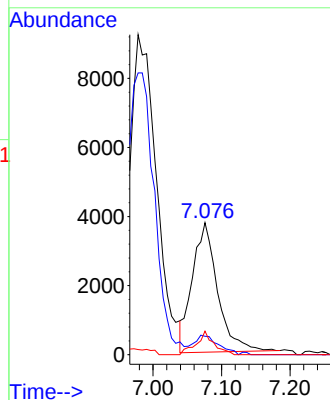
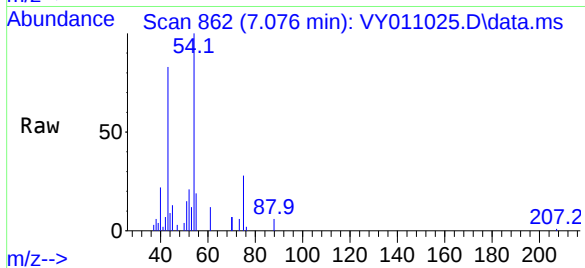




#37
Ethyl Acetate
Concen: 4.491 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

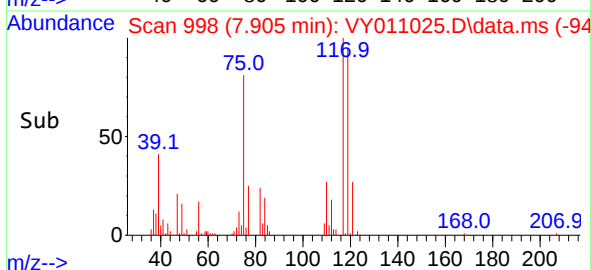
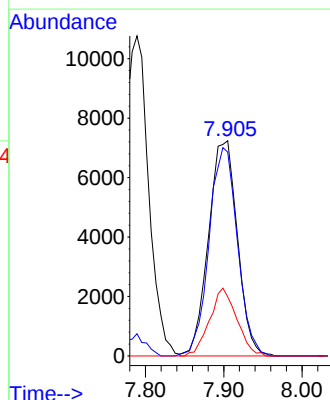
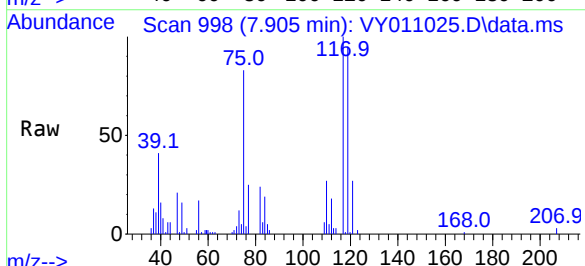
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

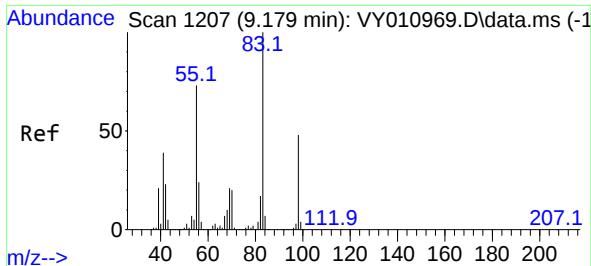
Tgt Ion: 43 Resp: 9605
Ion Ratio Lower Upper
43 100
61 14.0 9.7 14.5
70 12.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 4.661 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 117 Resp: 18586
Ion Ratio Lower Upper
117 100
119 94.8 77.9 116.9
121 27.4 24.8 37.2

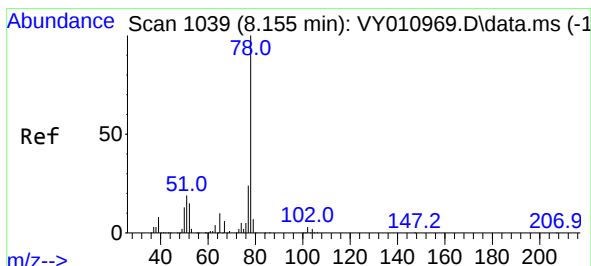
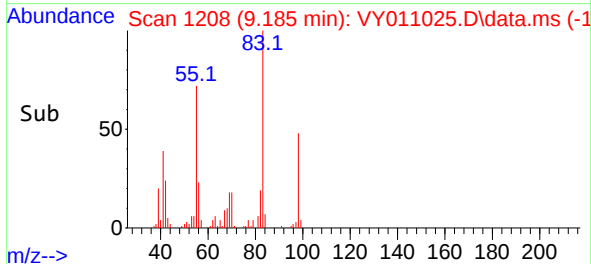
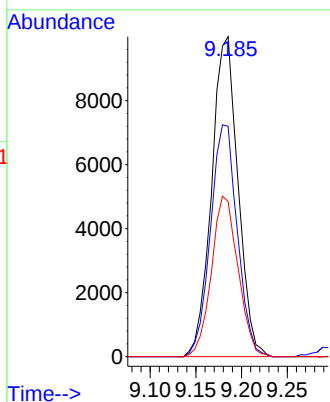
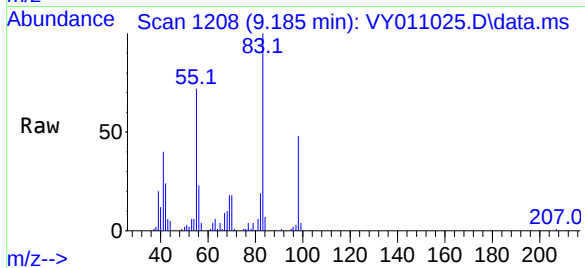




#39
Methylcyclohexane
Concen: 4.339 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

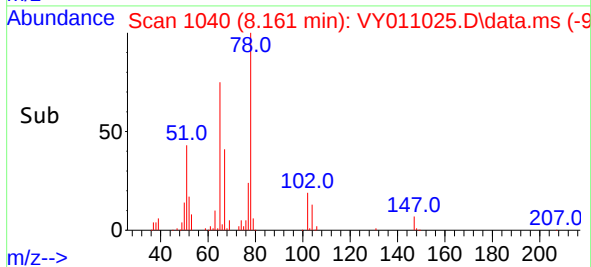
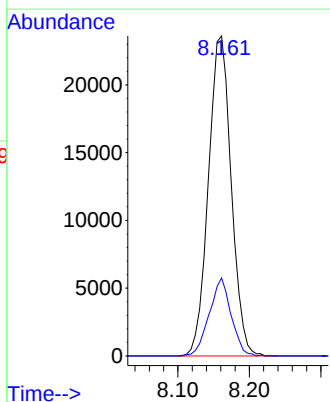
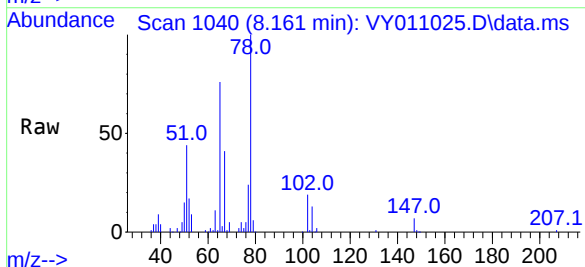
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

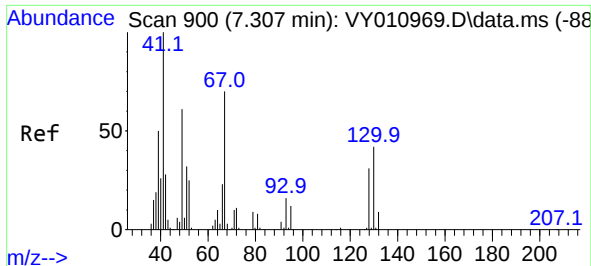
Tgt Ion: 83 Resp: 20078
Ion Ratio Lower Upper
83 100
55 72.0 66.5 99.7
98 48.5 37.9 56.9



#40
Benzene
Concen: 4.618 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 78 Resp: 52345
Ion Ratio Lower Upper
78 100
77 24.4 20.4 30.6

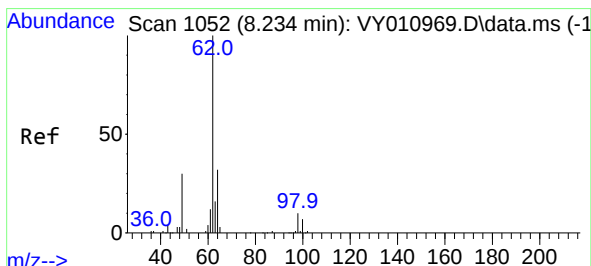
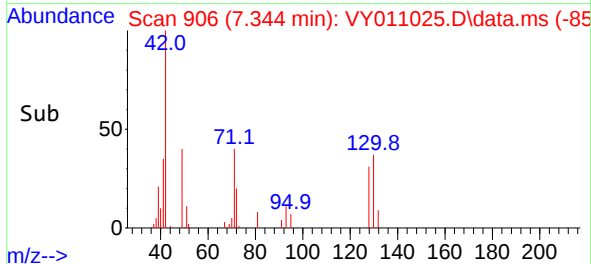
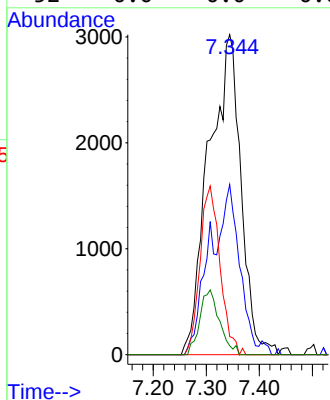
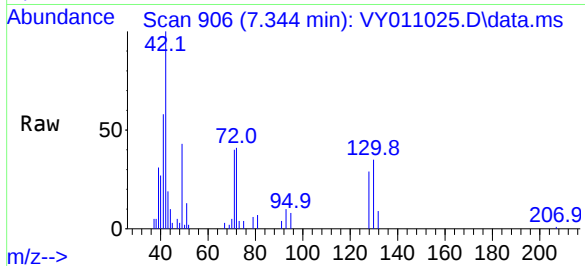




#41
Methacrylonitrile
Concen: 10.913 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

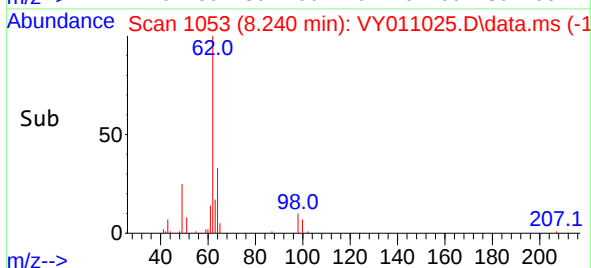
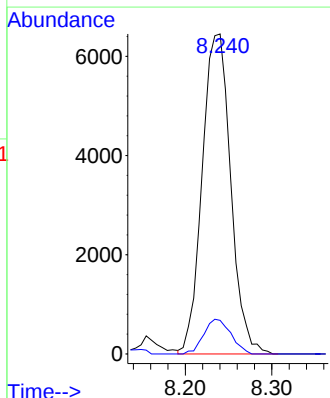
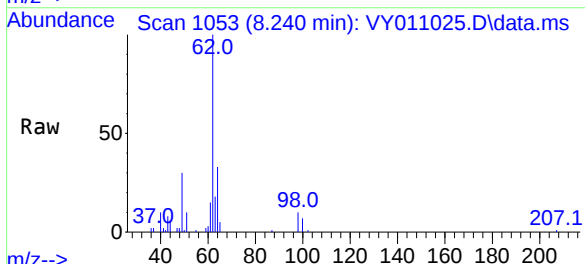
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

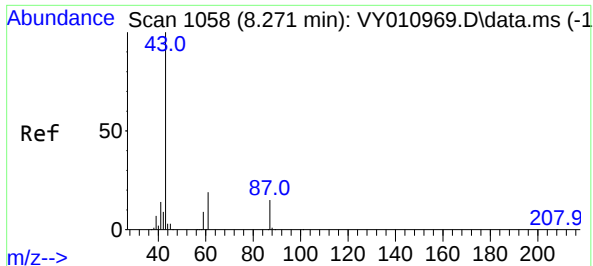
Tgt Ion: 41 Resp: 12648
Ion Ratio Lower Upper
41 100
39 30.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 4.706 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 62 Resp: 14781
Ion Ratio Lower Upper
62 100
98 10.3 0.0 14.8

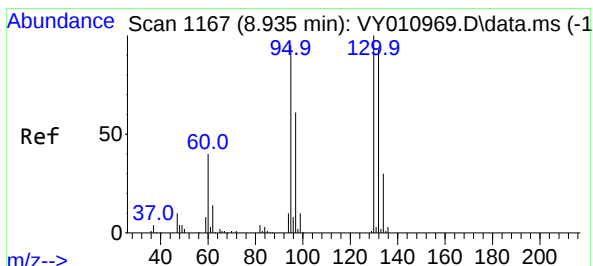
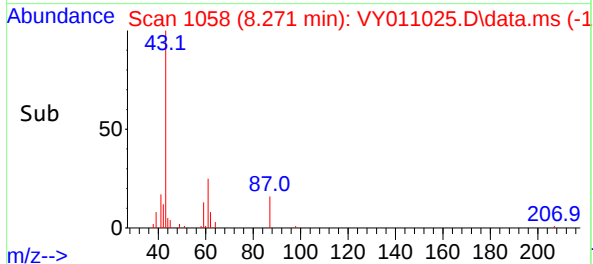
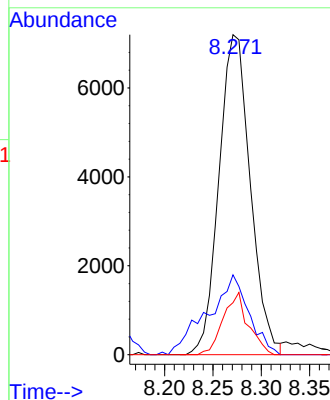
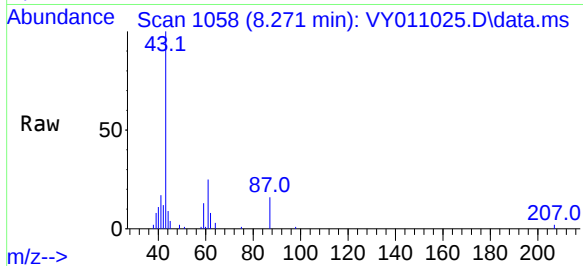




#43
Isopropyl Acetate
Concen: 4.244 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

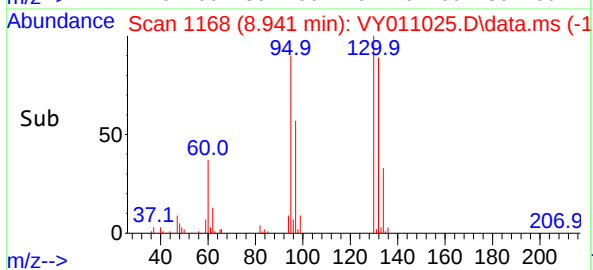
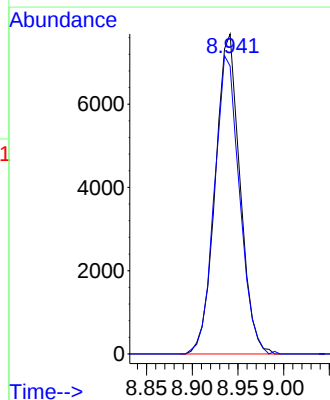
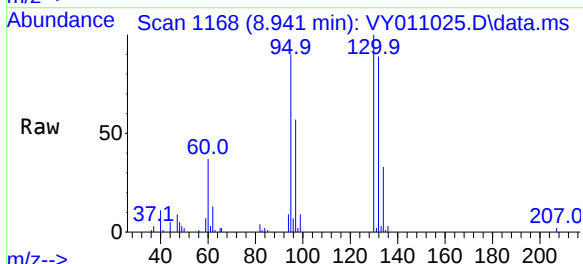
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

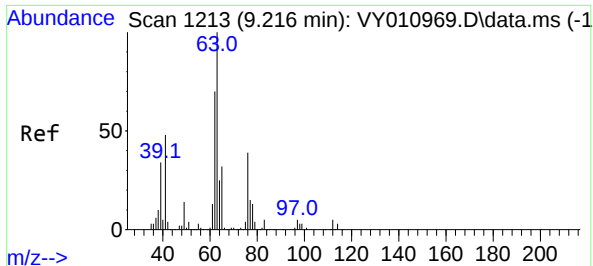
Tgt Ion: 43 Resp: 16219
Ion Ratio Lower Upper
43 100
61 32.7 20.2 30.2#
87 15.6 8.9 13.3#



#44
Trichloroethene
Concen: 4.697 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:130 Resp: 14427
Ion Ratio Lower Upper
130 100
95 89.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.564 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011025.D

Acq: 20 Oct 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

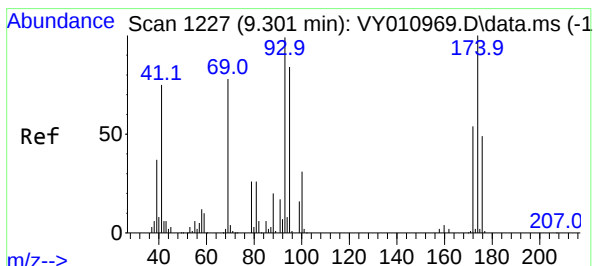
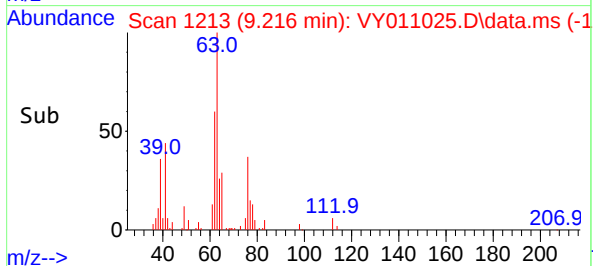
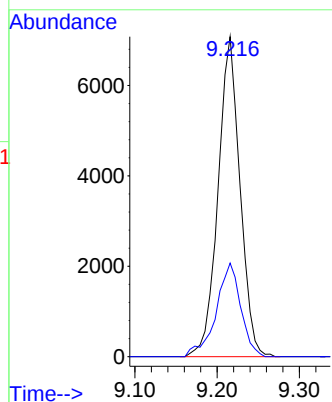
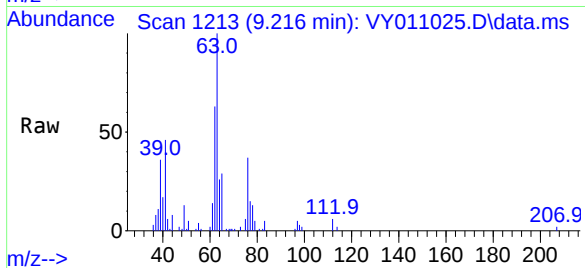
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 63 Resp: 13125

Ion Ratio Lower Upper

63 100

65 29.3 23.0 34.6



#46

Dibromomethane

Concen: 4.747 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY011025.D

Acq: 20 Oct 2022 15:13

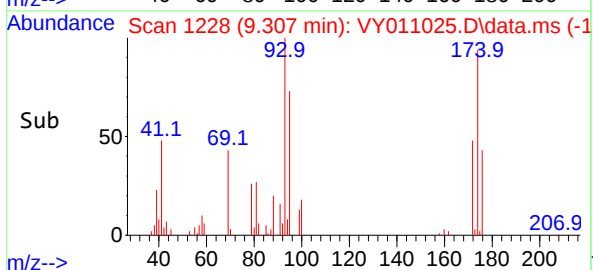
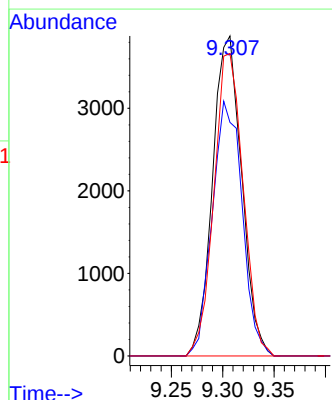
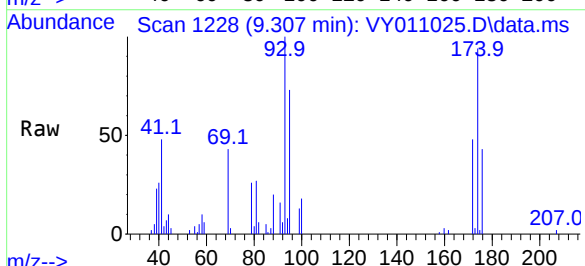
Tgt Ion: 93 Resp: 7614

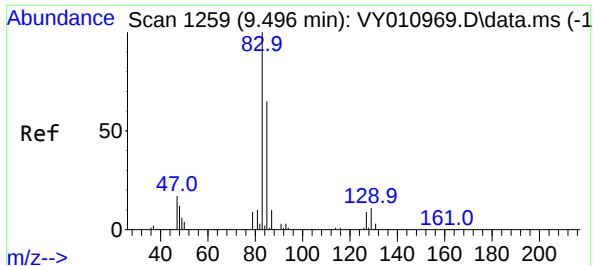
Ion Ratio Lower Upper

93 100

95 81.8 64.3 96.5

174 94.8 83.4 125.0

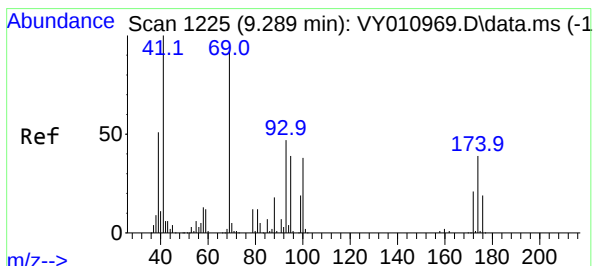
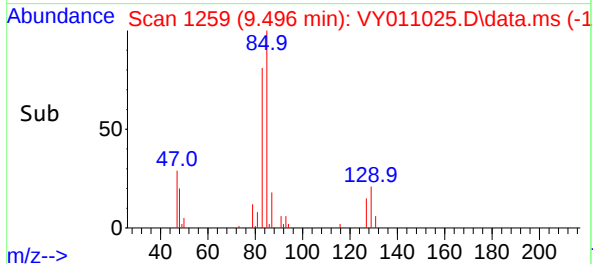
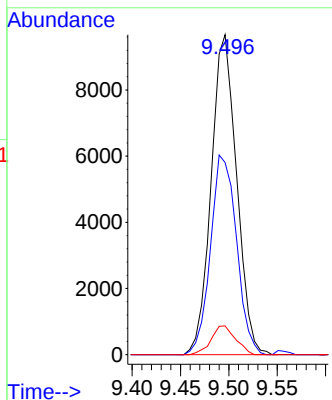
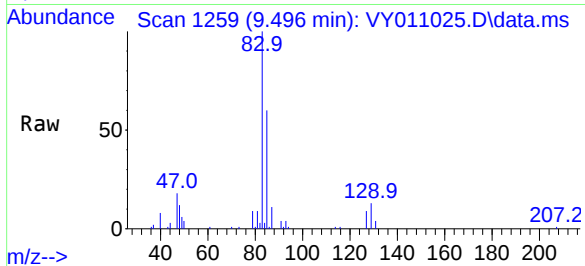




#47
Bromodichloromethane
Concen: 4.573 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

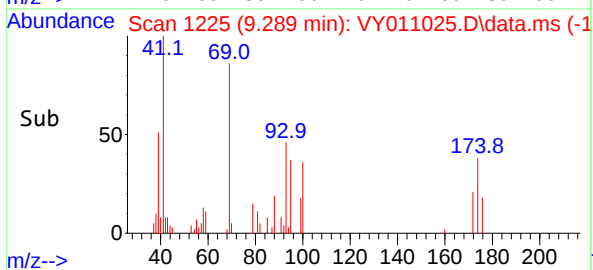
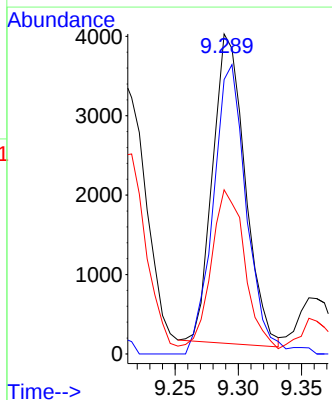
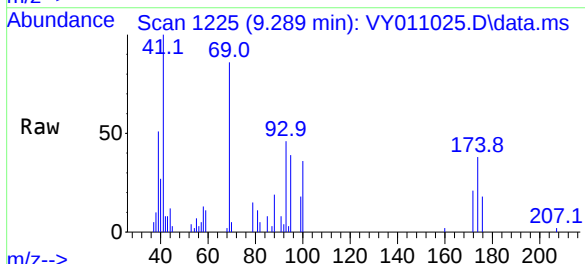
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

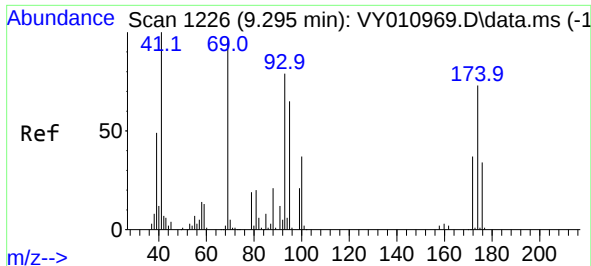
Tgt Ion:	83	Resp:	17676
Ion	Ratio	Lower	Upper
83	100		
85	60.1	51.9	77.9
127	9.0	6.6	10.0



#48
Methyl methacrylate
Concen: 4.059 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:	41	Resp:	6942
Ion	Ratio	Lower	Upper
41	100		
69	96.7	58.2	87.2#
39	57.3	47.4	71.0

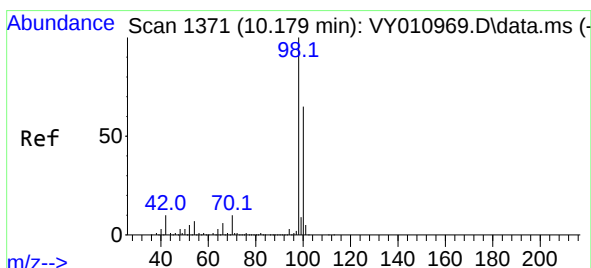
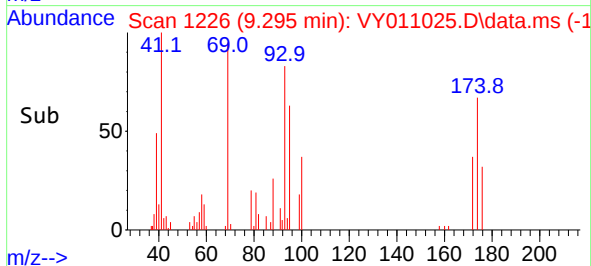
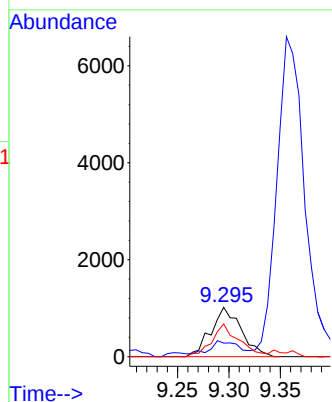
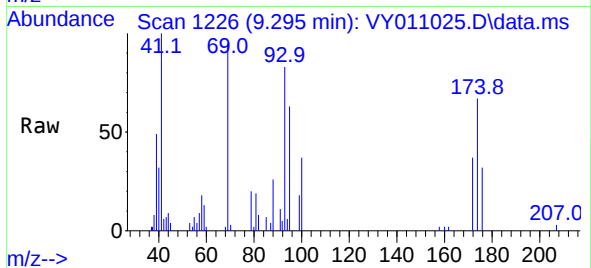




#49
1,4-Dioxane
Concen: 90.255 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

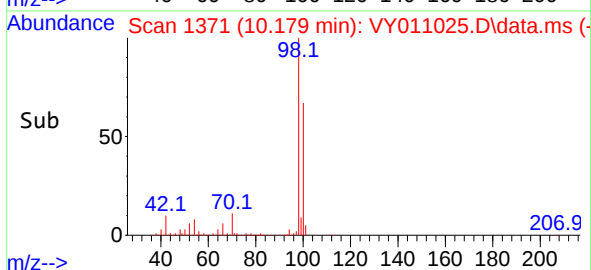
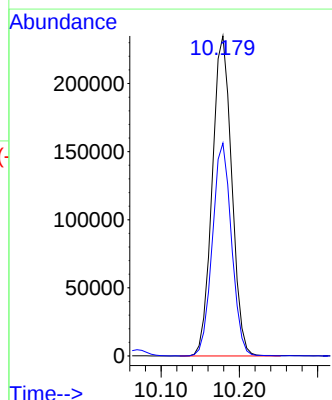
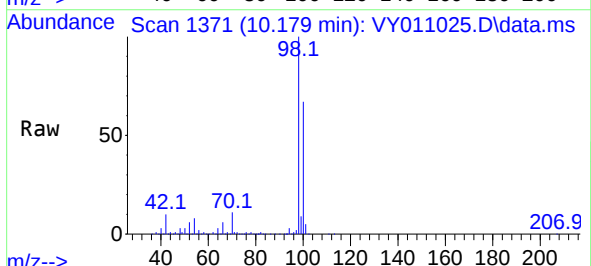
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

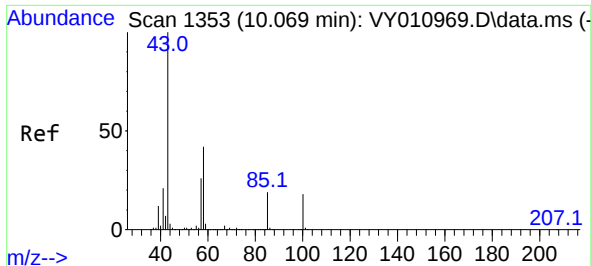
Tgt Ion: 88 Resp: 2080
Ion Ratio Lower Upper
88 100
43 24.6 32.8 49.2#
58 59.3 59.8 89.6#



#50
Toluene-d8
Concen: 46.847 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 98 Resp: 405911
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

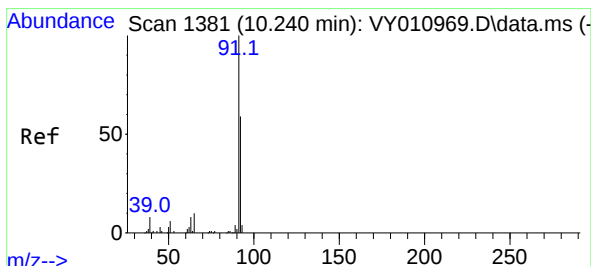
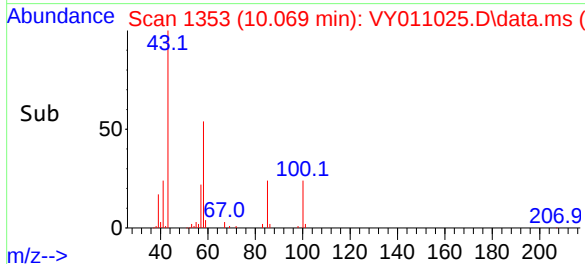
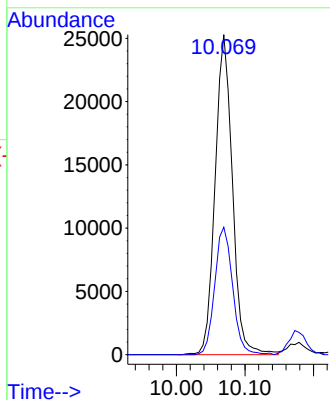
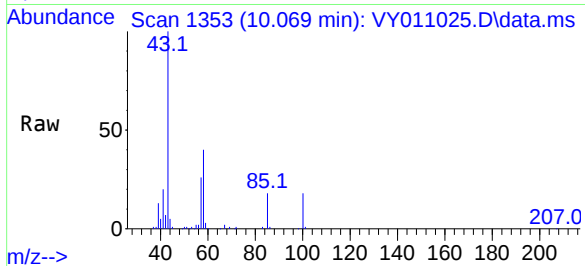




#51
4-Methyl-2-Pentanone
Concen: 20.740 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

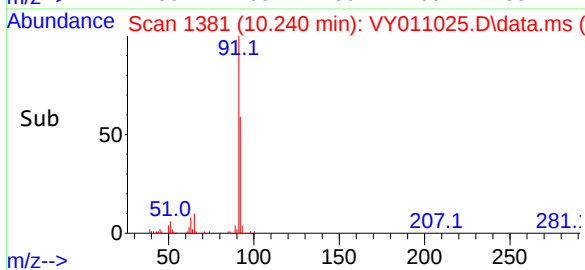
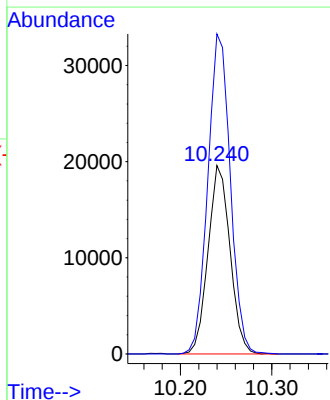
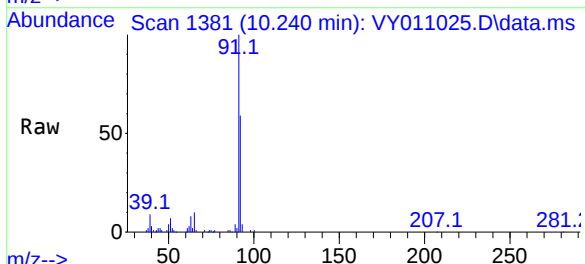
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

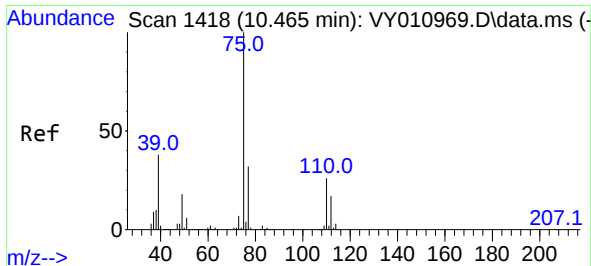
Tgt Ion: 43 Resp: 44199
Ion Ratio Lower Upper
43 100
58 41.2 28.1 42.1



#52
Toluene
Concen: 4.654 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 92 Resp: 32774
Ion Ratio Lower Upper
92 100
91 173.7 142.6 213.8

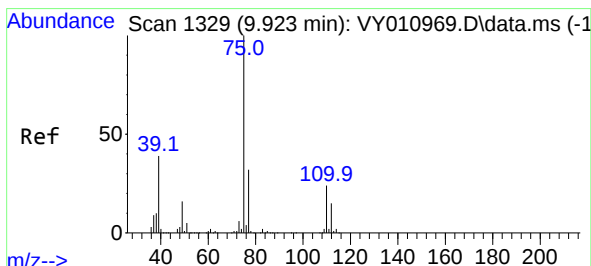
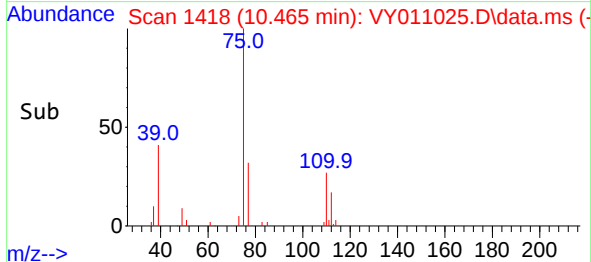
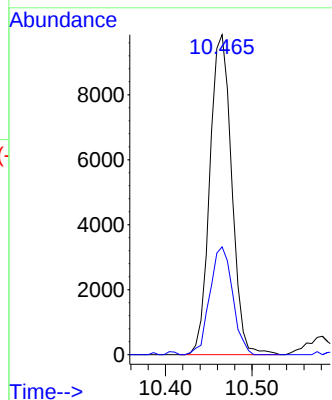
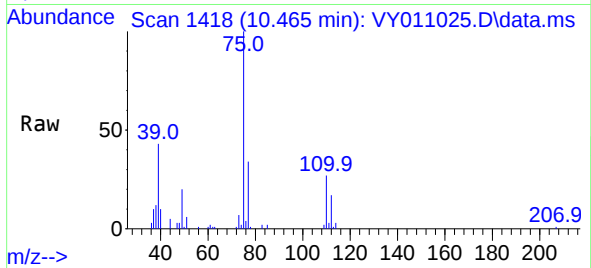




#53
t-1,3-Dichloropropene
Concen: 4.304 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

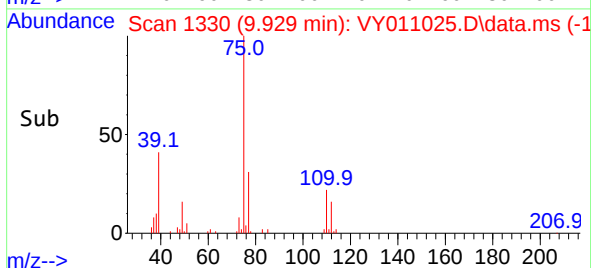
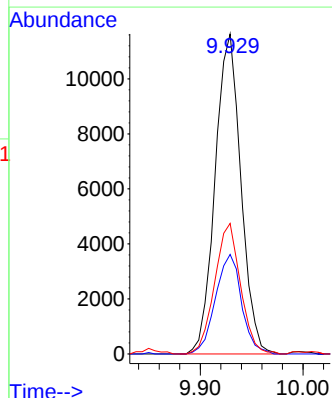
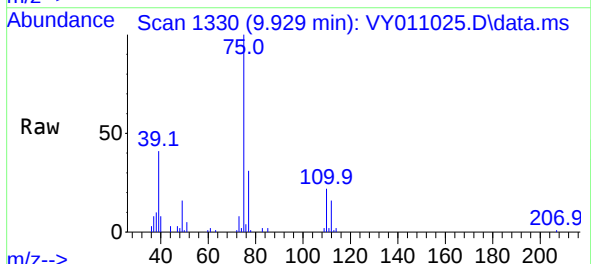
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

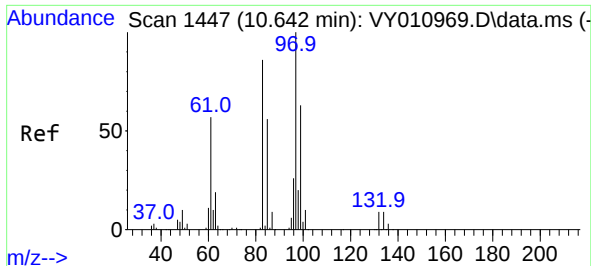
Tgt Ion: 75 Resp: 17281
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 4.407 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 75 Resp: 20250
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 40.8 47.6 71.4#

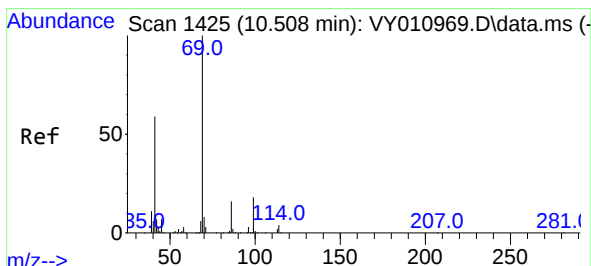
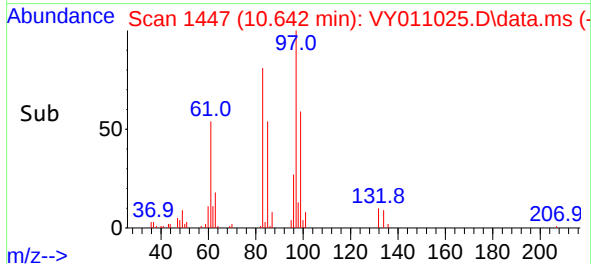
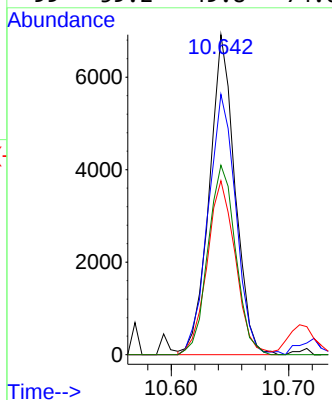
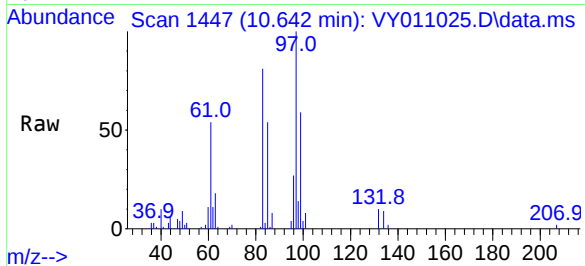




#55
1,1,2-Trichloroethane
Concen: 4.542 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

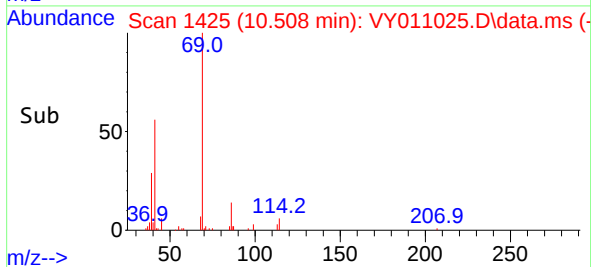
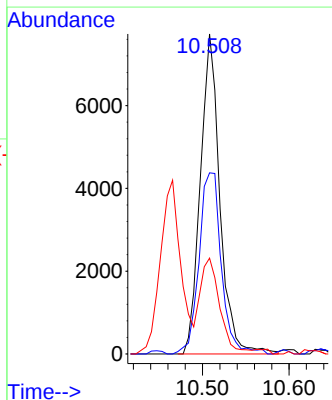
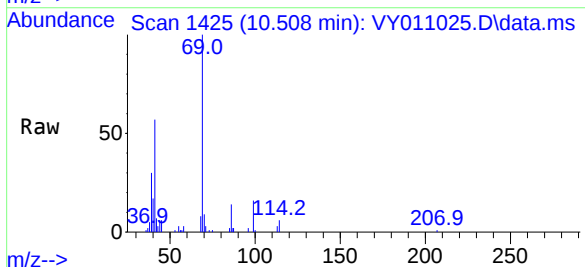
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

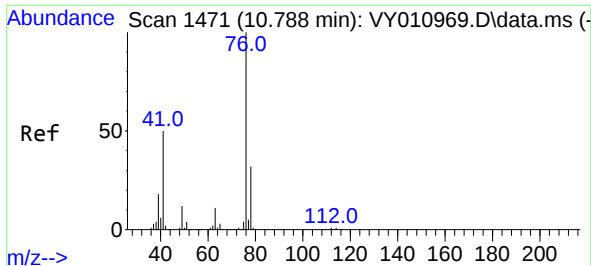
Tgt Ion:	97	Resp:	10511
Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.8	104.8
85	54.4	44.3	66.5
99	59.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 3.940 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:	69	Resp:	12109
Ion	Ratio	Lower	Upper
69	100		
41	64.8	63.4	95.0
39	28.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 4.604 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY011025.D

Acq: 20 Oct 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

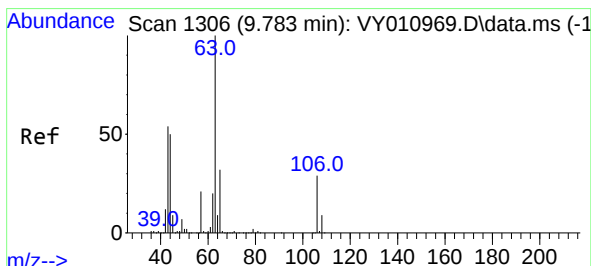
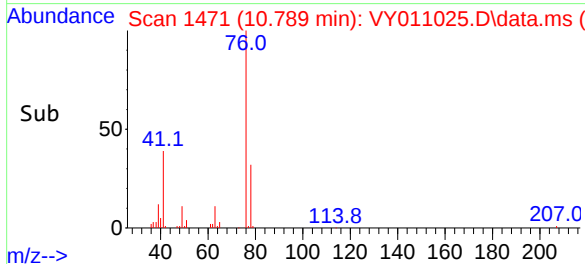
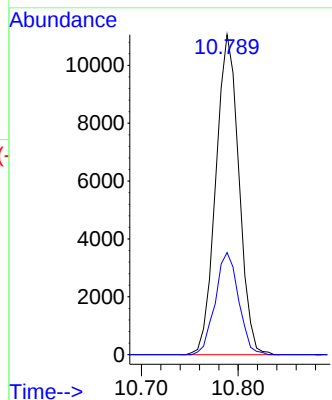
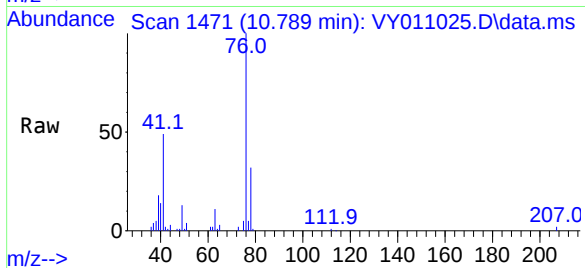
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 76 Resp: 18319

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 35.653 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011025.D

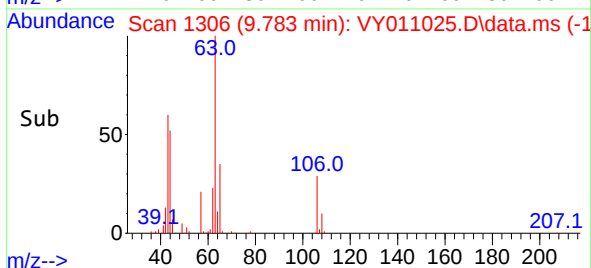
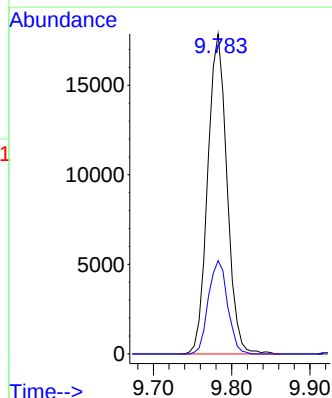
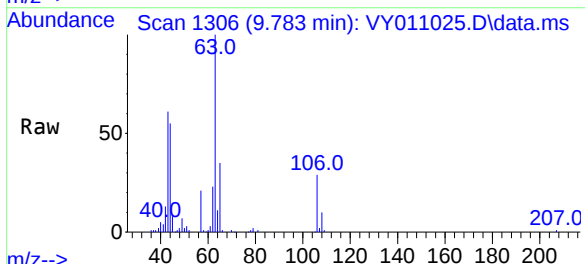
Acq: 20 Oct 2022 15:13

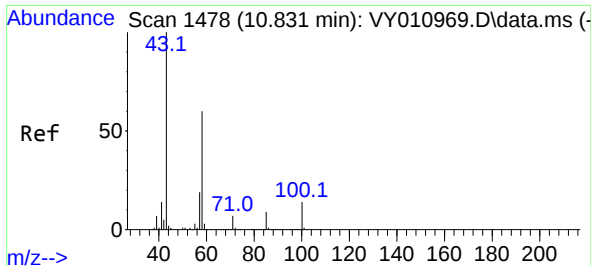
Tgt Ion: 63 Resp: 30492

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3

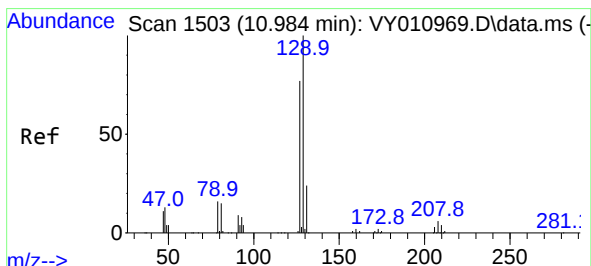
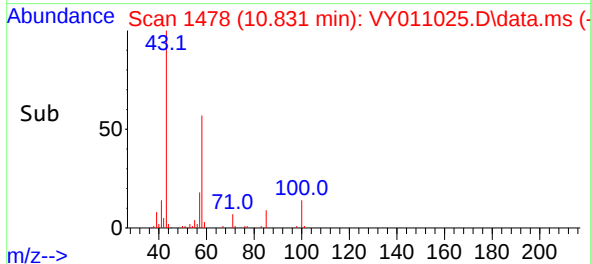
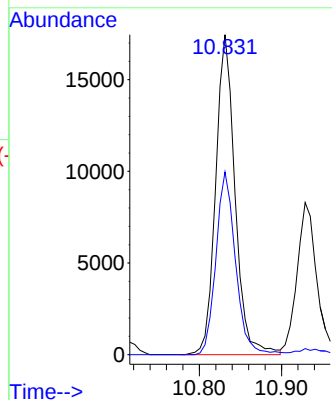
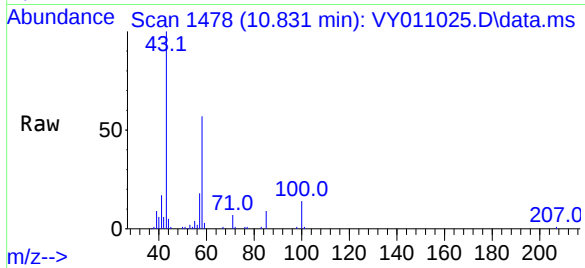




#59
2-Hexanone
Concen: 19.500 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

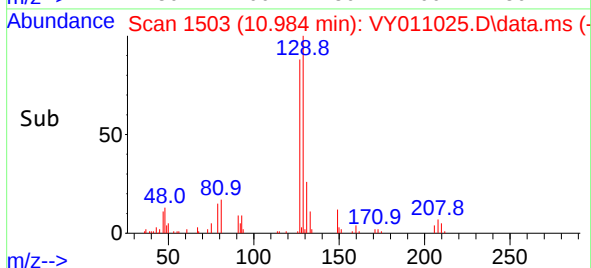
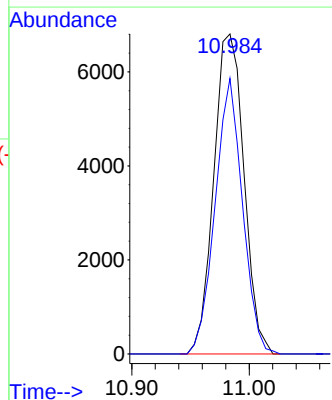
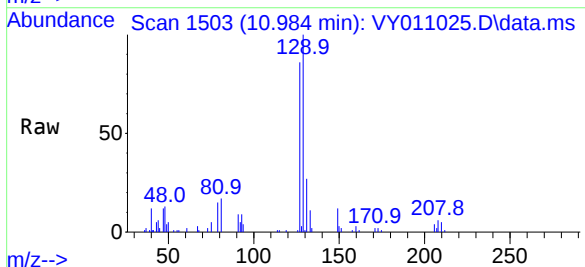
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

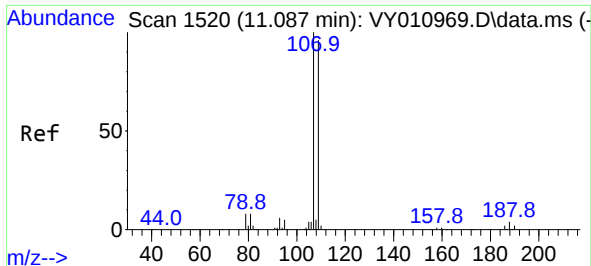
Tgt Ion: 43 Resp: 28545
Ion Ratio Lower Upper
43 100
58 57.8 24.4 73.4



#60
Dibromochloromethane
Concen: 4.416 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 129 Resp: 12150
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1

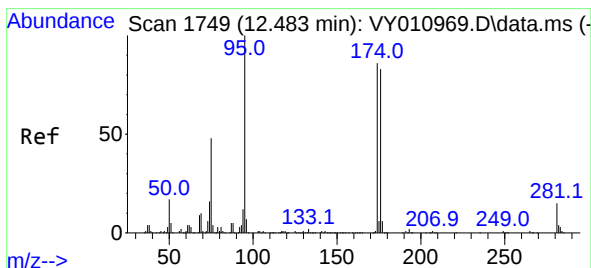
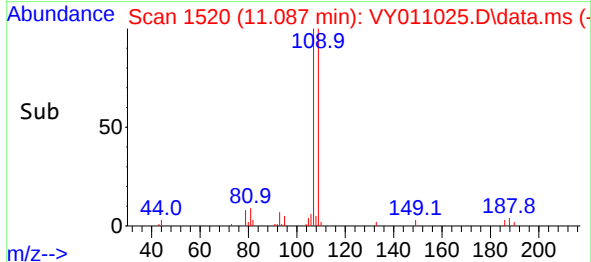
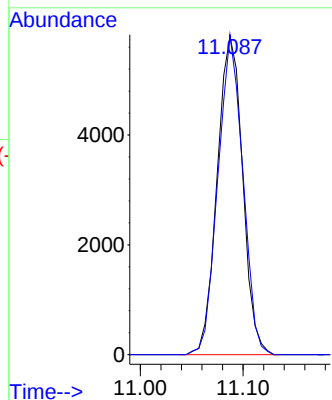
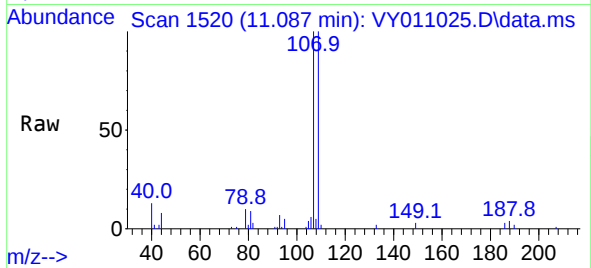




#61
1,2-Dibromoethane
Concen: 4.497 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

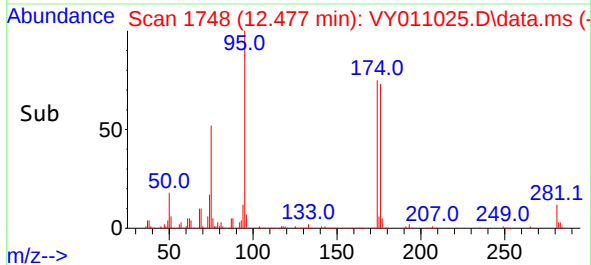
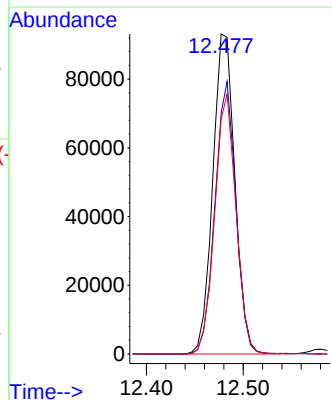
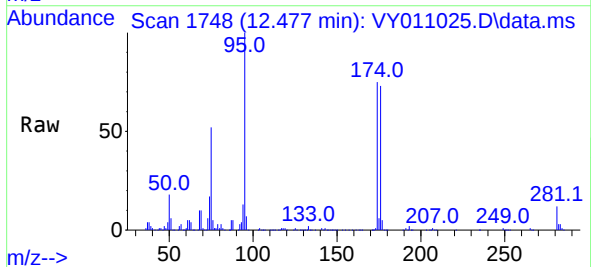
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

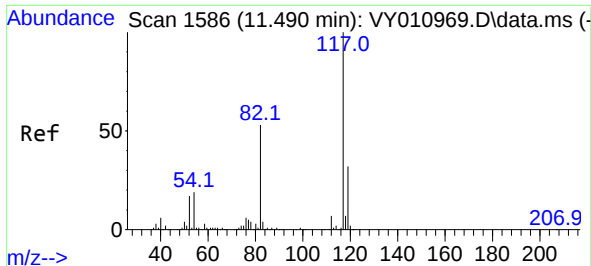
Tgt Ion:107 Resp: 9964
Ion Ratio Lower Upper
107 100
109 97.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.881 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 95 Resp: 147359
Ion Ratio Lower Upper
95 100
174 81.5 0.0 177.0
176 78.1 0.0 175.8

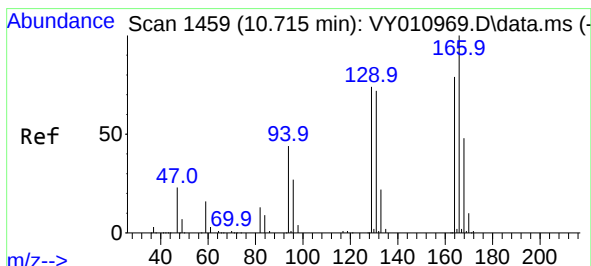
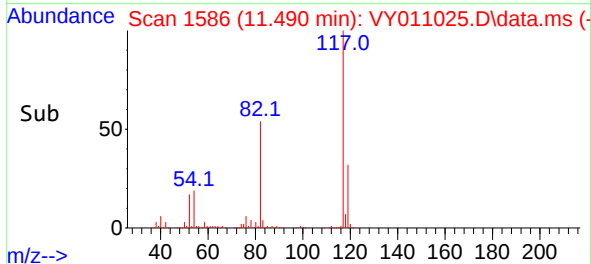
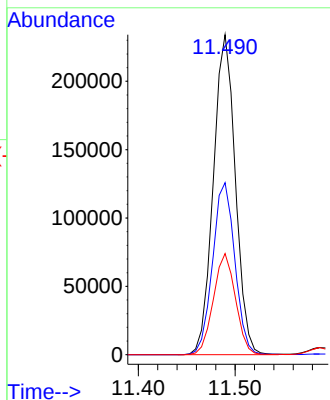
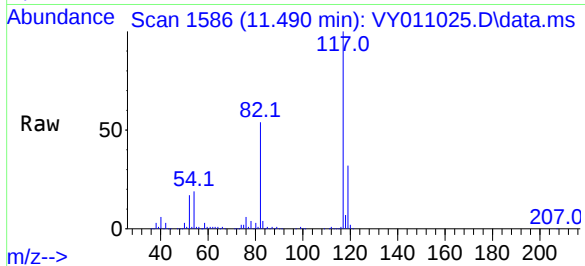




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

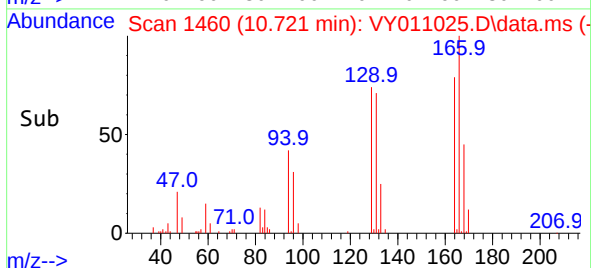
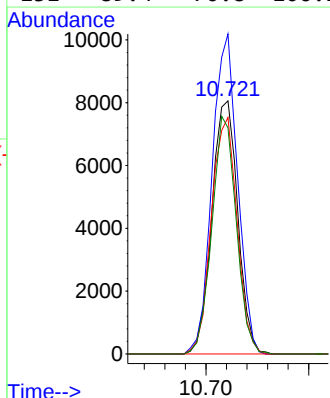
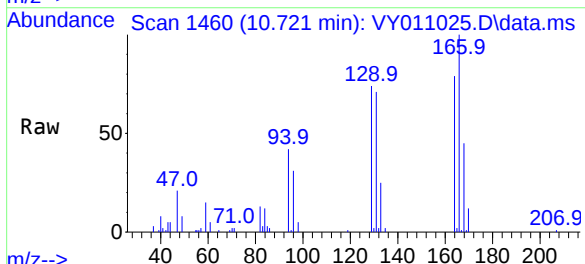
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

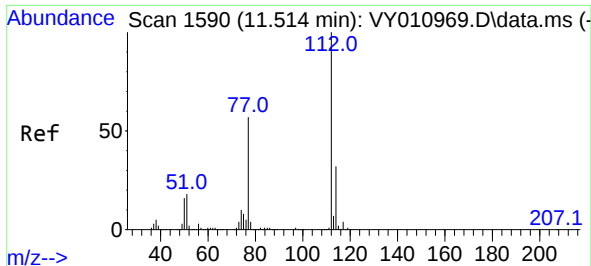
Tgt	Ion:117	Resp:	370311
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	31.6	25.4	38.0



#64
Tetrachloroethene
Concen: 4.897 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt	Ion:164	Resp:	14116
Ion	Ratio	Lower	Upper
164	100		
166	126.4	100.4	150.6
129	93.4	71.4	107.0
131	89.4	70.8	106.2

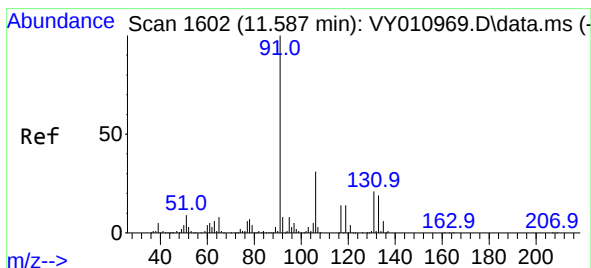
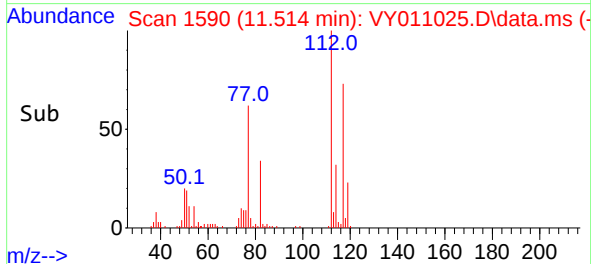
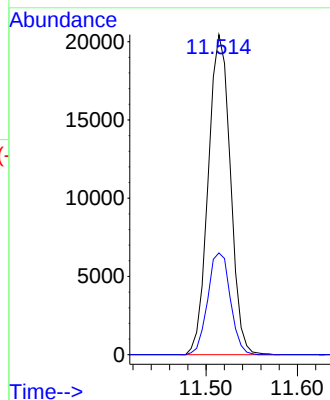
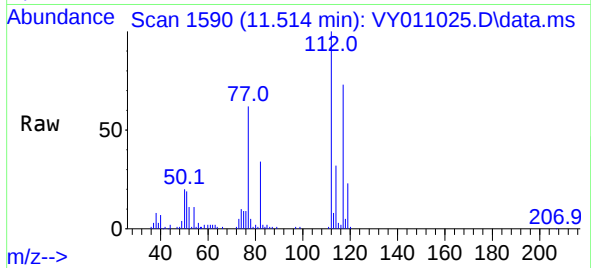




#65
Chlorobenzene
Concen: 4.517 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

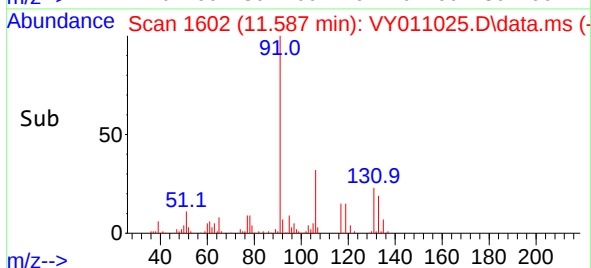
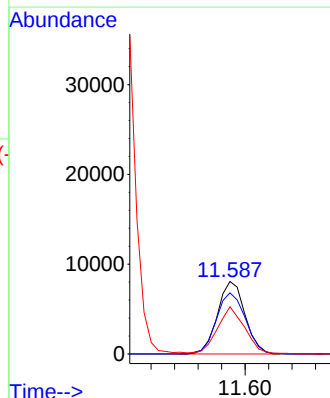
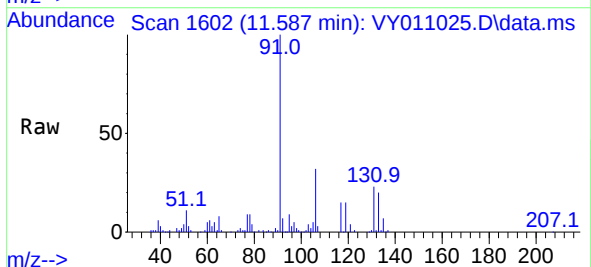
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

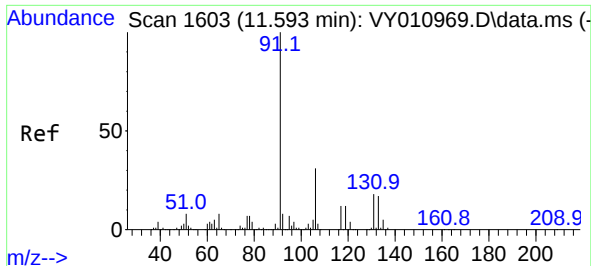
Tgt Ion:112 Resp: 34342
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.664 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:131 Resp: 13124
Ion Ratio Lower Upper
131 100
133 89.0 47.9 143.6
119 64.8 30.8 92.3





#67

Ethyl Benzene

Concen: 4.394 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011025.D

Acq: 20 Oct 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

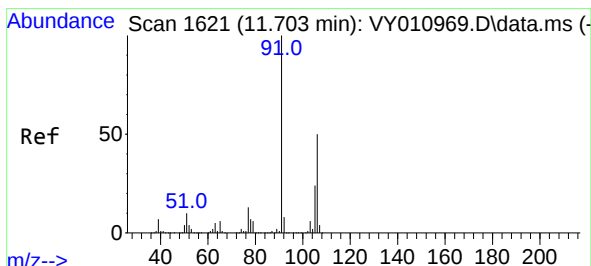
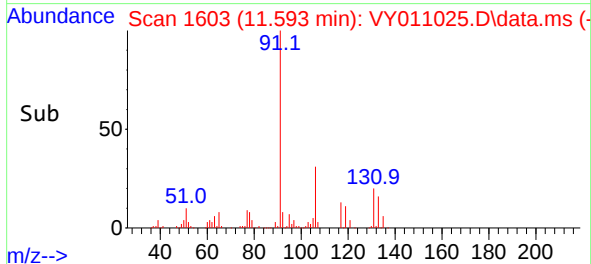
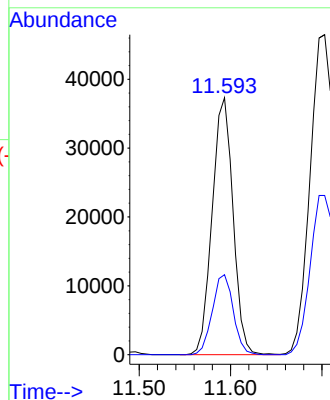
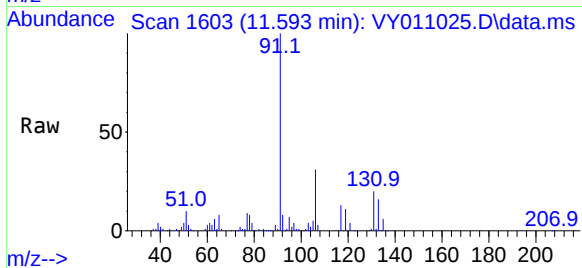
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 91 Resp: 59095

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 8.624 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY011025.D

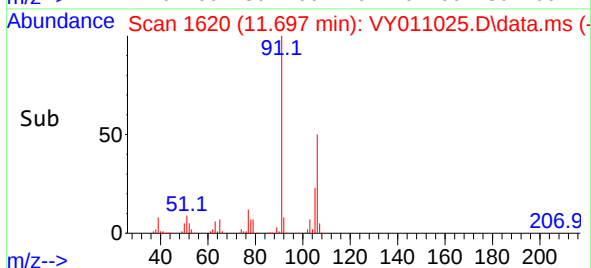
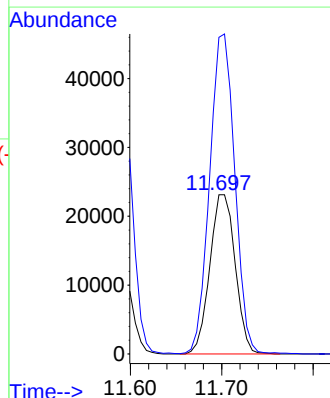
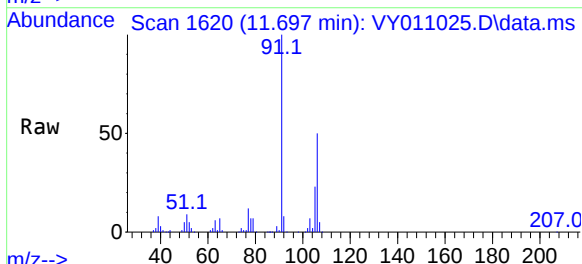
Acq: 20 Oct 2022 15:13

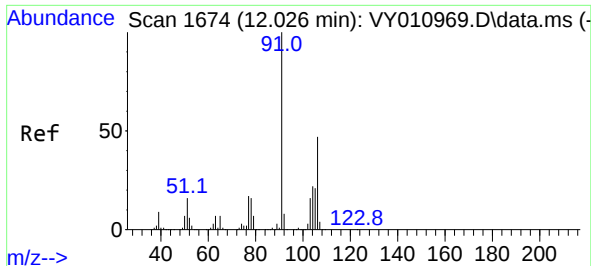
Tgt Ion:106 Resp: 44620

Ion Ratio Lower Upper

106 100

91 199.3 166.6 249.8

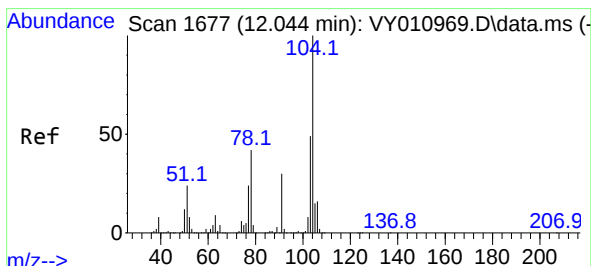
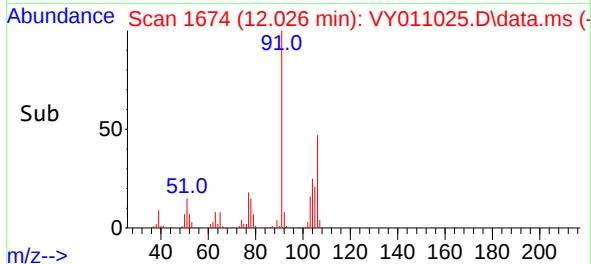
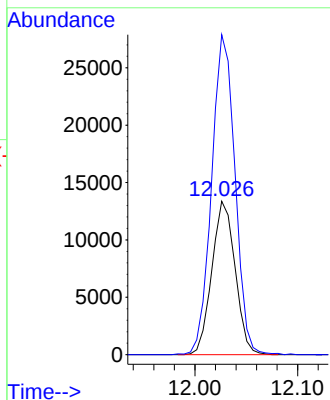
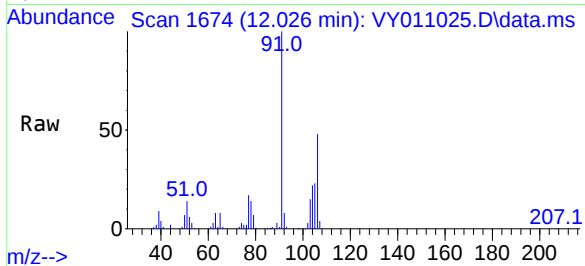




#69
o-Xylene
Concen: 4.277 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

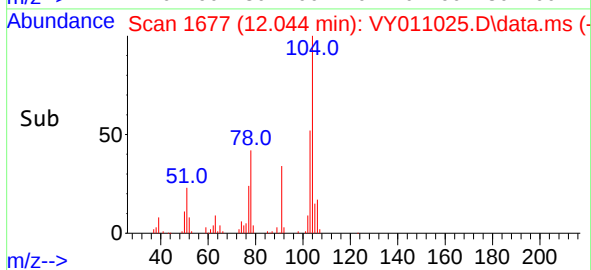
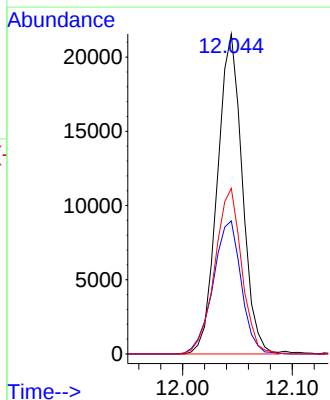
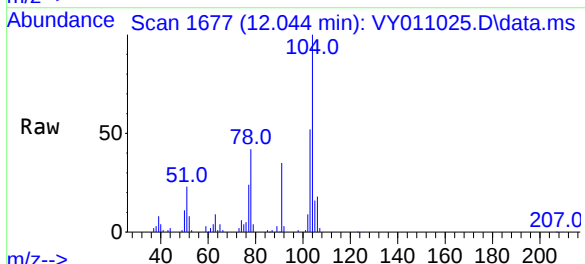
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

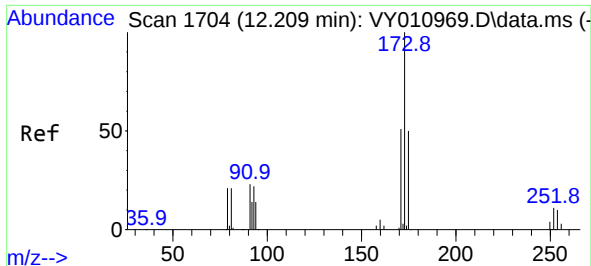
Tgt Ion:106 Resp: 21012
Ion Ratio Lower Upper
106 100
91 210.0 110.3 331.0



#70
Styrene
Concen: 4.086 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:104 Resp: 34018
Ion Ratio Lower Upper
104 100
78 47.0 42.4 63.6
103 55.8 44.4 66.6

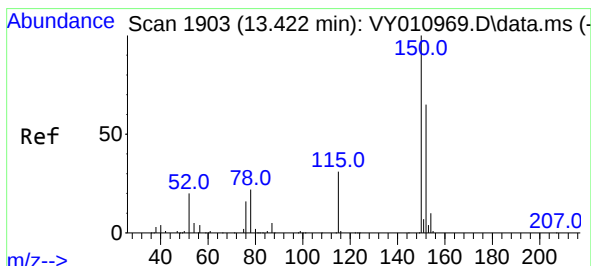
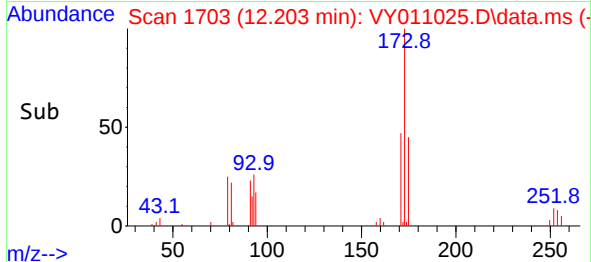
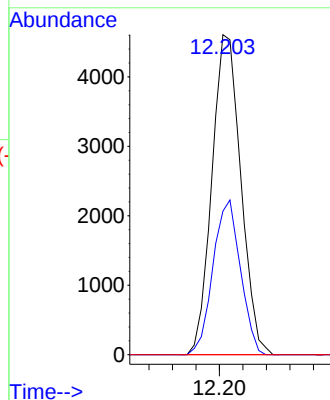
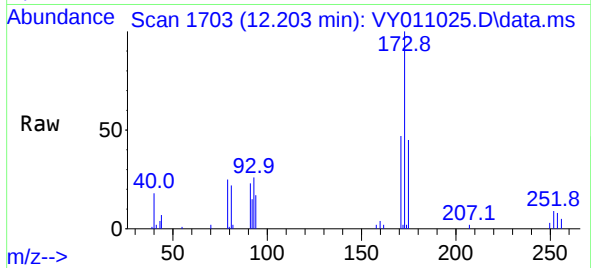




#71
Bromoform
Concen: 4.532 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

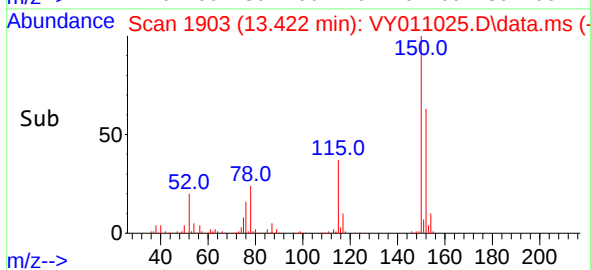
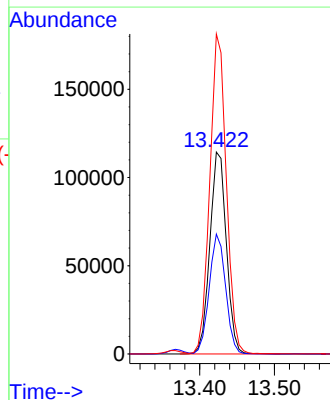
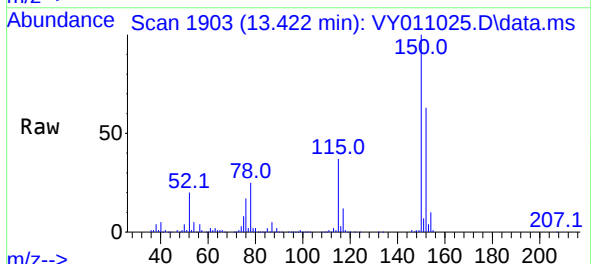
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

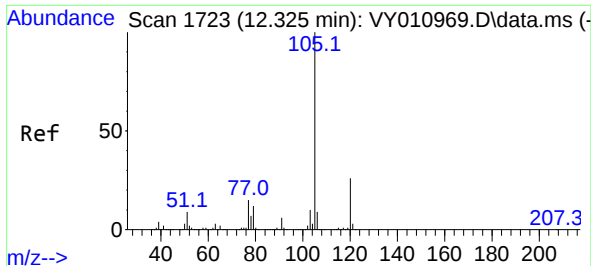
Tgt Ion:173 Resp: 7871
Ion Ratio Lower Upper
173 100
175 45.8 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:152 Resp: 175603
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 158.5 0.0 347.6

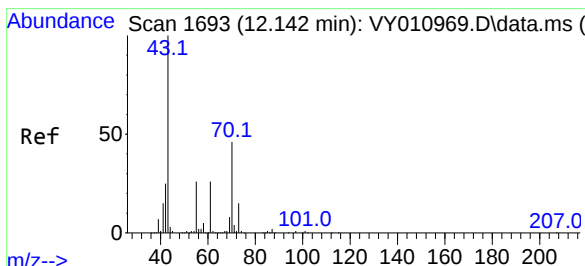
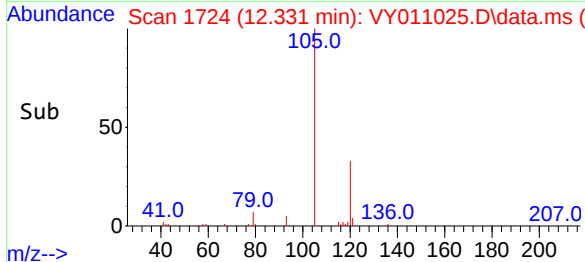
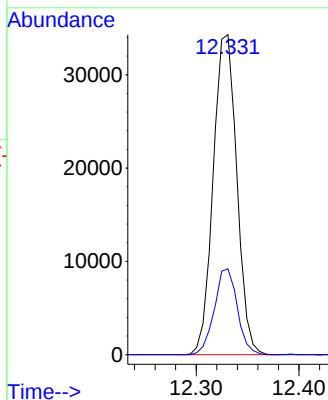
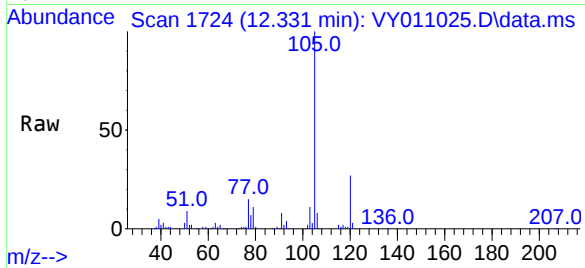




#73
Isopropylbenzene
Concen: 4.285 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

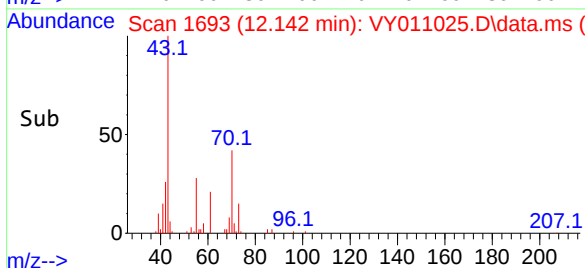
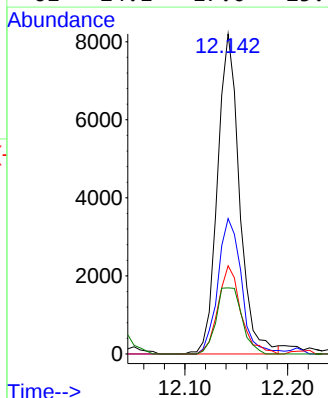
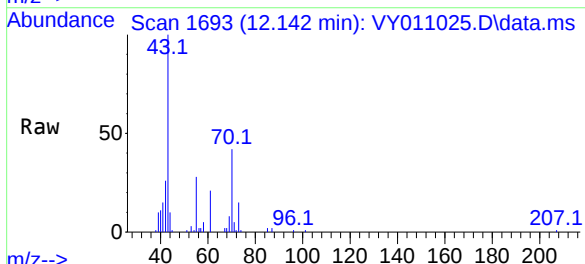
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

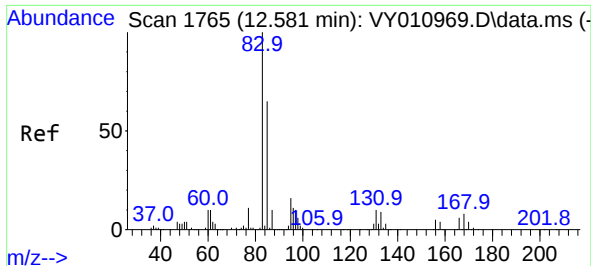
Tgt Ion:105 Resp: 54663
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2



#74
N-ethyl acetate
Concen: 3.775 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 43 Resp: 12221
Ion Ratio Lower Upper
43 100
70 45.1 28.7 43.1#
55 28.4 17.3 25.9#
61 24.1 17.0 25.6

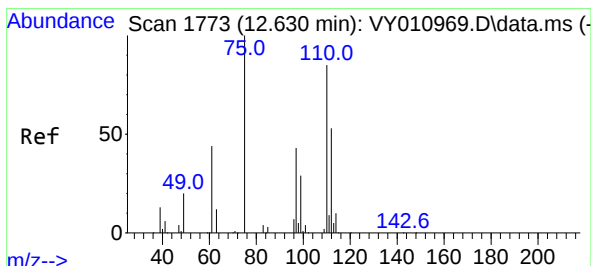
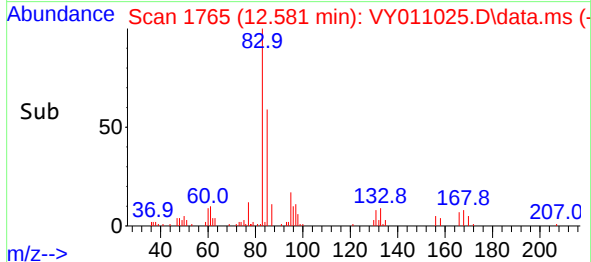
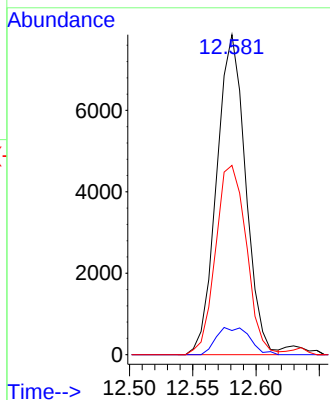
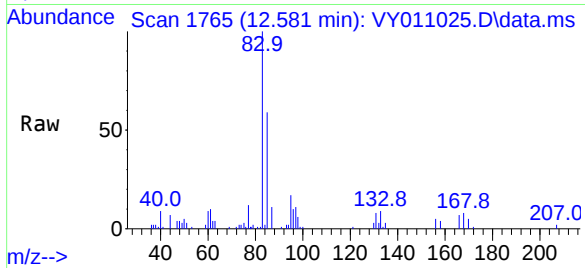




#75
1,1,2,2-Tetrachloroethane
Concen: 4.672 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

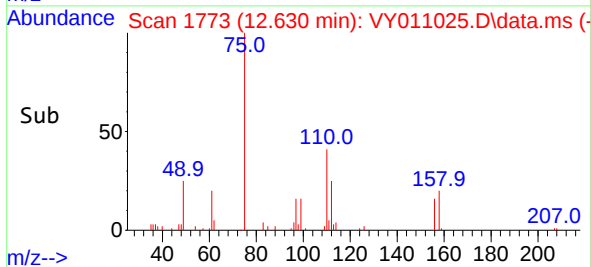
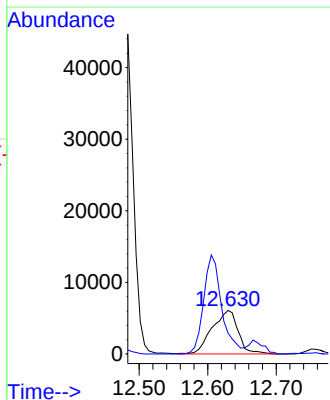
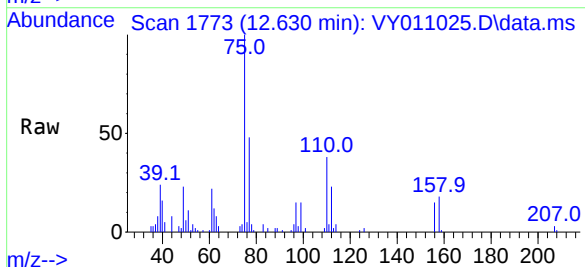
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

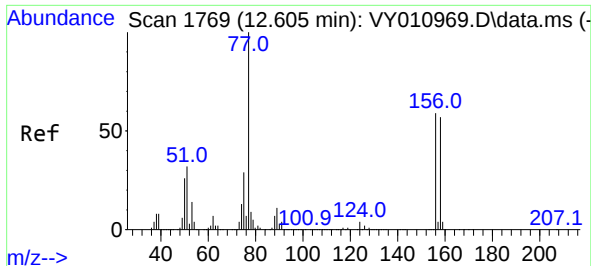
Tgt Ion: 83 Resp: 12509
Ion Ratio Lower Upper
83 100
131 9.9 5.6 16.8
85 63.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 8.010 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 75 Resp: 15970
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

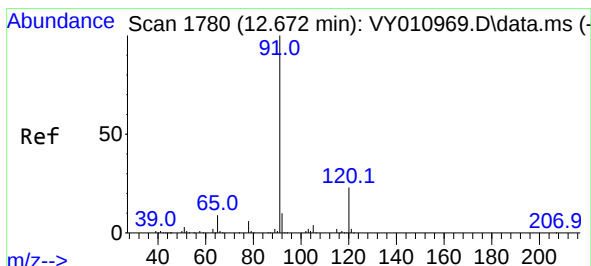
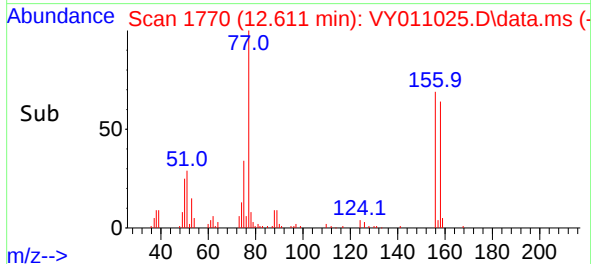
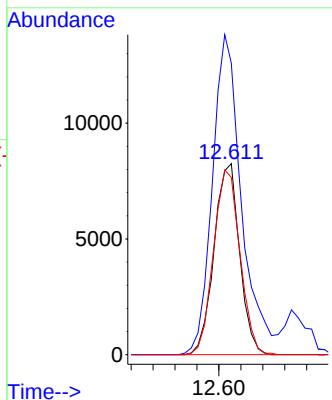
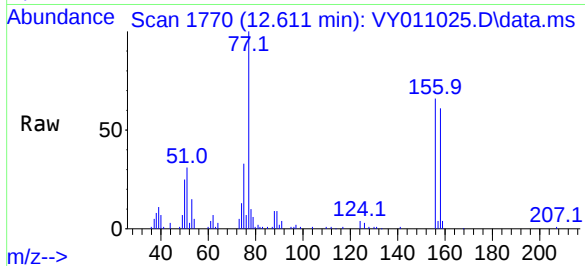




#77
Bromobenzene
Concen: 4.475 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

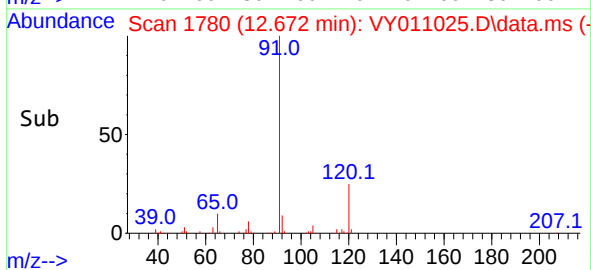
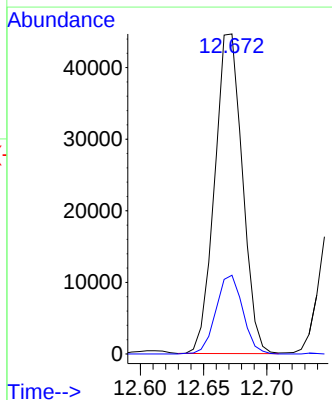
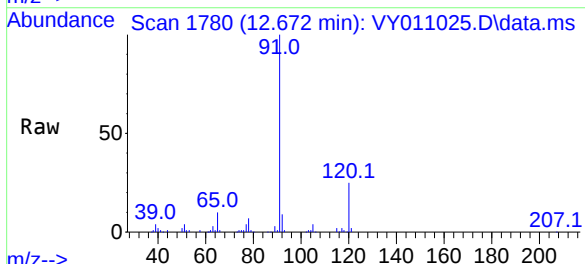
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

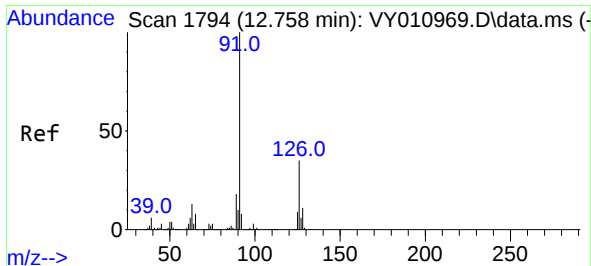
Tgt Ion:156 Resp: 13344
Ion Ratio Lower Upper
156 100
77 189.2 95.5 286.4
158 100.2 48.0 144.0



#78
n-propylbenzene
Concen: 4.386 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 91 Resp: 68079
Ion Ratio Lower Upper
91 100
120 23.8 11.3 33.9

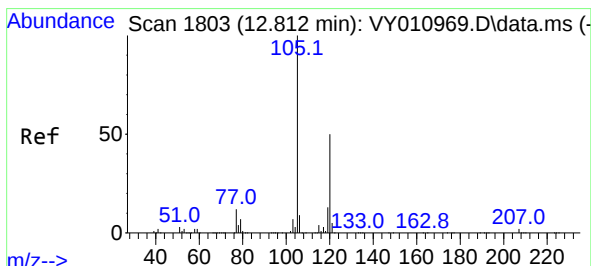
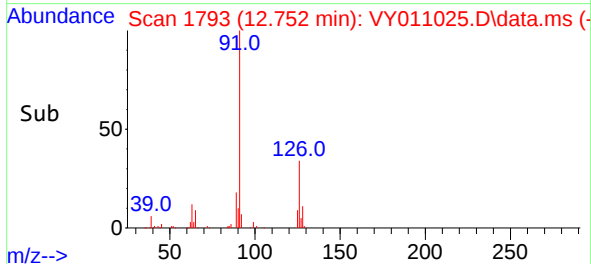
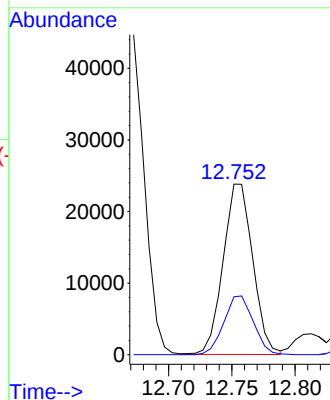
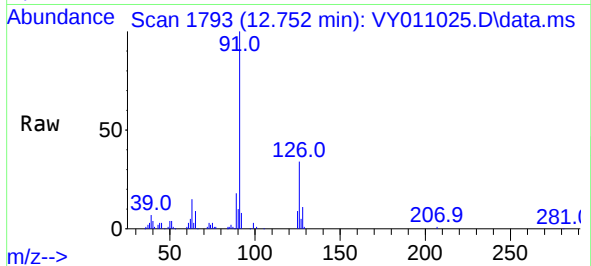




#79
2-Chlorotoluene
Concen: 4.436 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

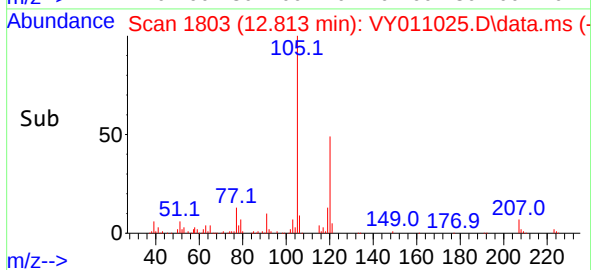
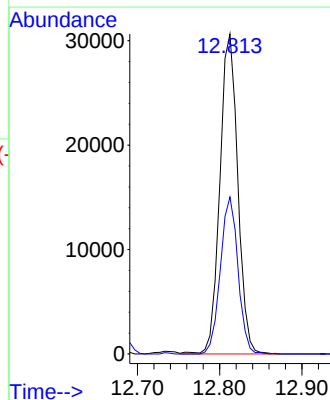
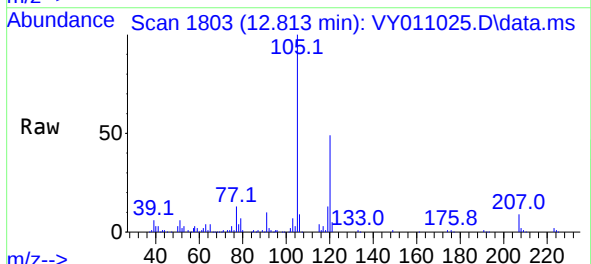
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

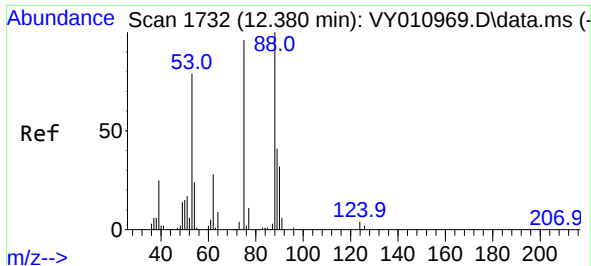
Tgt Ion: 91 Resp: 38781
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 4.351 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 105 Resp: 46319
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.4

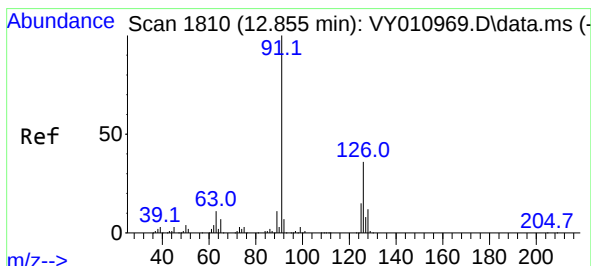
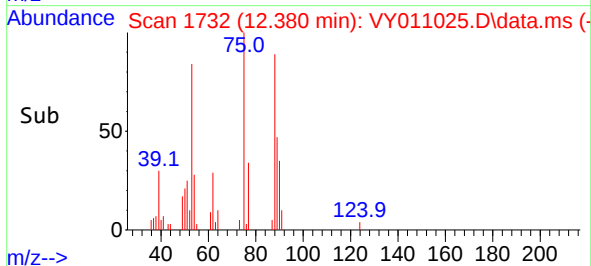
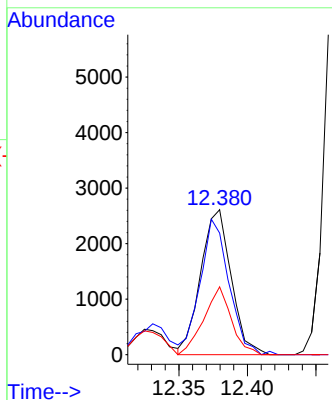
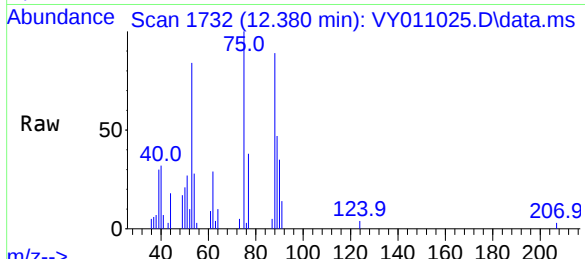




#81
trans-1,4-Dichloro-2-butene
Concen: 4.357 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

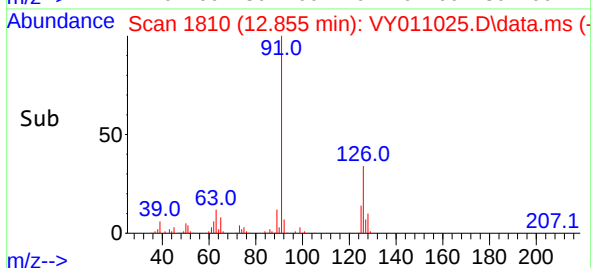
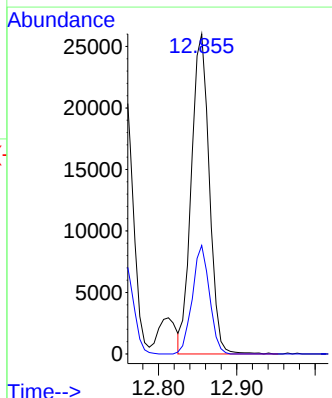
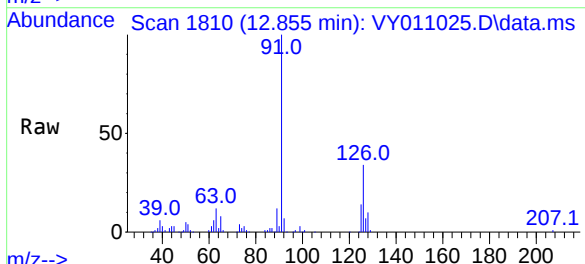
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

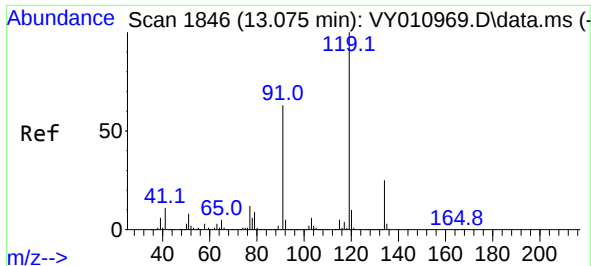
Tgt Ion: 75 Resp: 4039
Ion Ratio Lower Upper
75 100
53 88.8 85.3 127.9
89 42.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.544 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion: 91 Resp: 41362
Ion Ratio Lower Upper
91 100
126 32.5 17.0 51.0

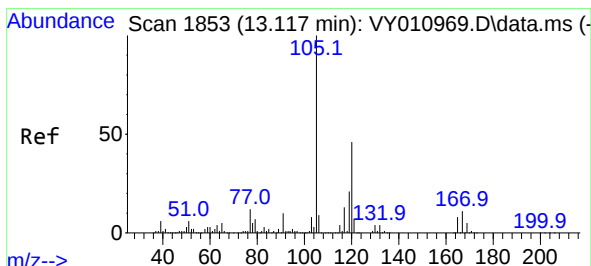
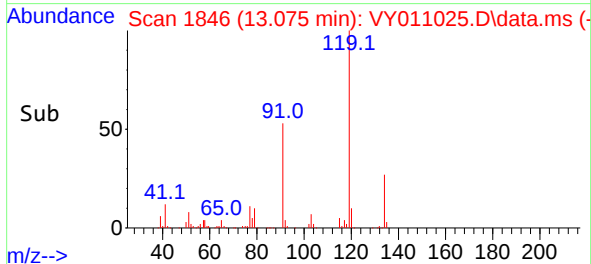
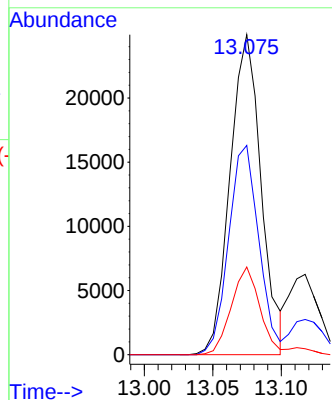
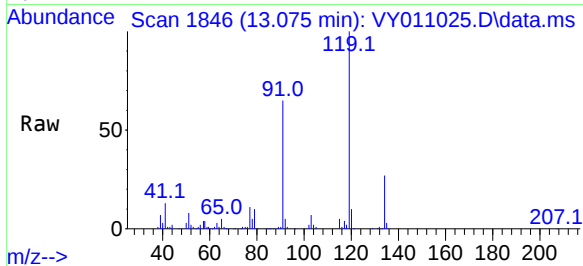




#83
tert-Butylbenzene
Concen: 4.293 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

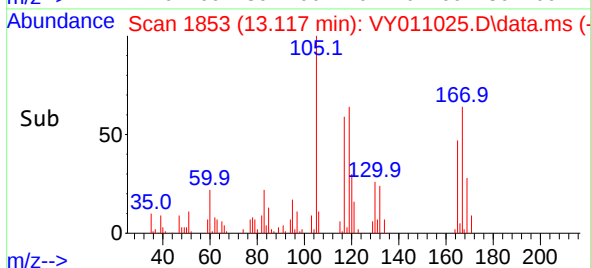
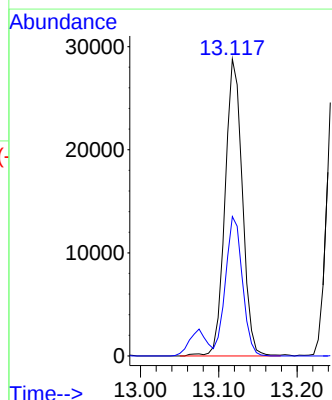
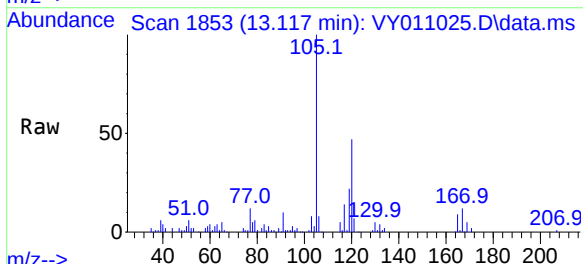
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

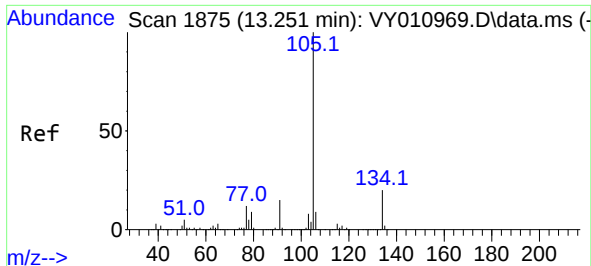
Tgt Ion:119 Resp: 39518
Ion Ratio Lower Upper
119 100
91 63.5 34.8 104.4
134 25.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.213 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:105 Resp: 44218
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9

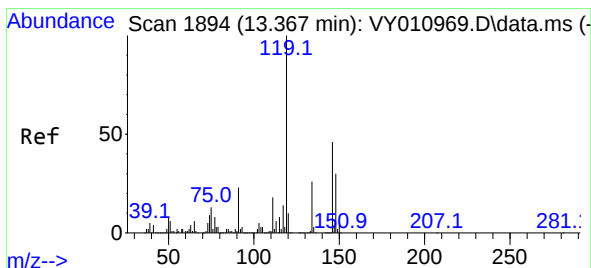
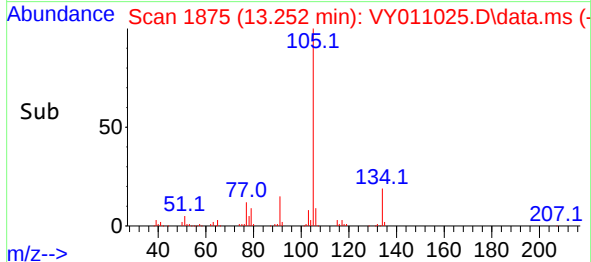
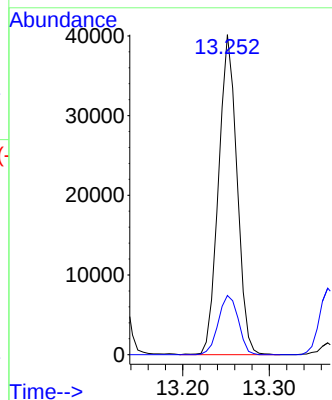
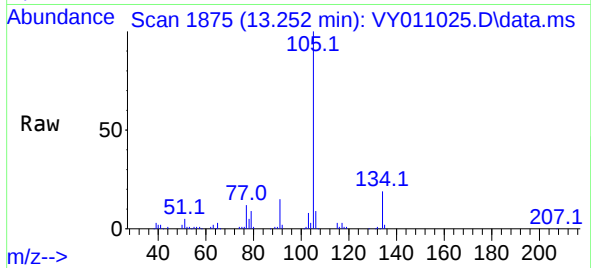




#85
 sec-Butylbenzene
 Concen: 4.301 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.001 min
 Lab File: VY011025.D
 Acq: 20 Oct 2022 15:13

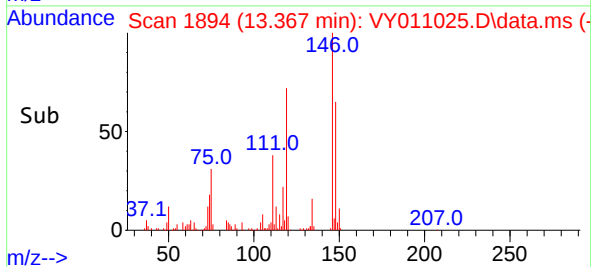
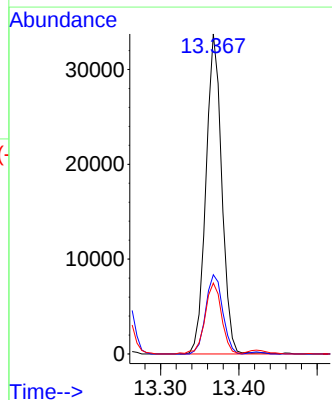
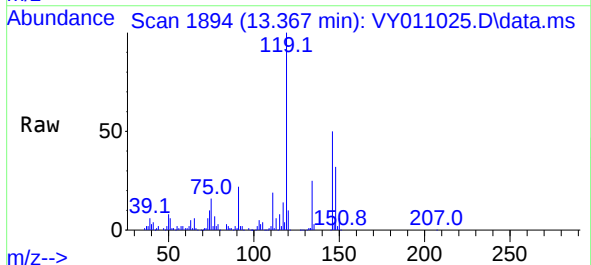
Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

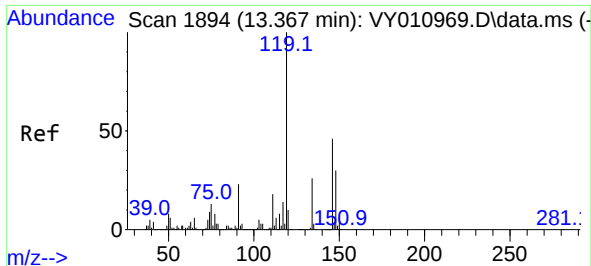
Tgt Ion:105 Resp: 59488
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 4.119 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY011025.D
 Acq: 20 Oct 2022 15:13

Tgt Ion:119 Resp: 47262
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 23.2 12.4 37.2

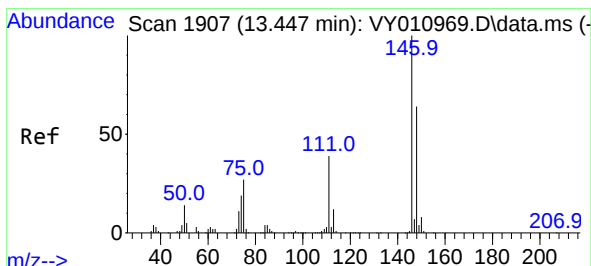
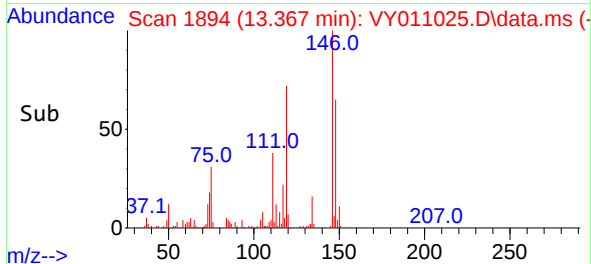
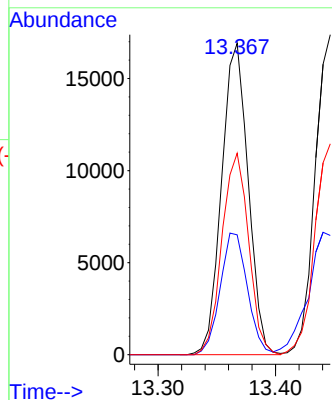
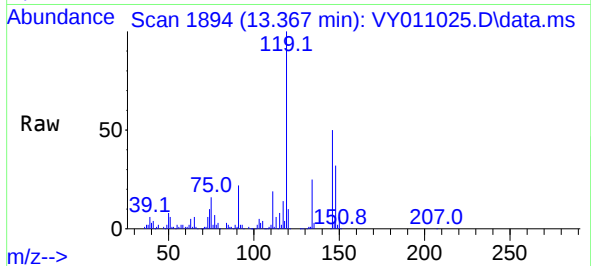




#87
1,3-Dichlorobenzene
Concen: 4.459 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

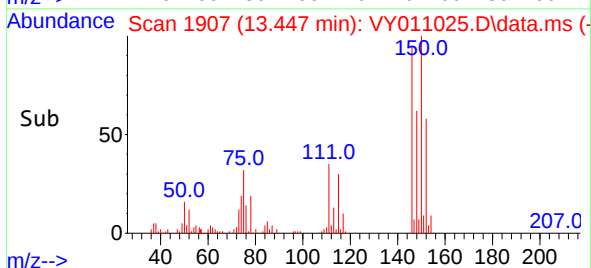
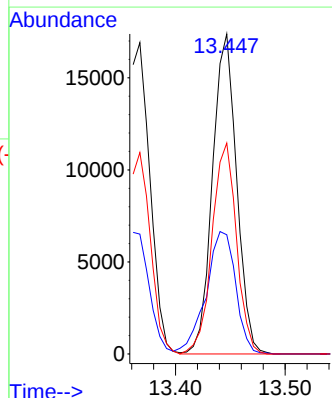
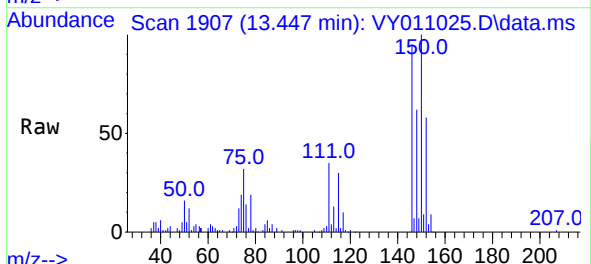
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

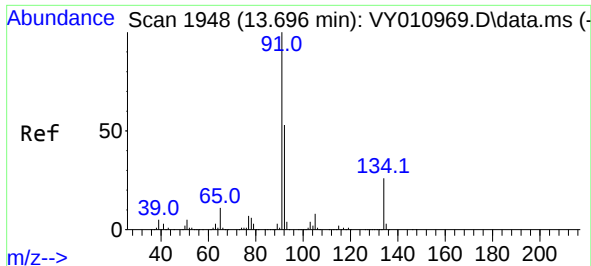
Tgt Ion:	146	Resp:	26541
Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.5	58.5
148	65.0	31.6	95.0



#88
1,4-Dichlorobenzene
Concen: 4.499 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:	146	Resp:	26622
Ion	Ratio	Lower	Upper
146	100		
111	47.1	19.3	57.8
148	66.7	32.6	97.8

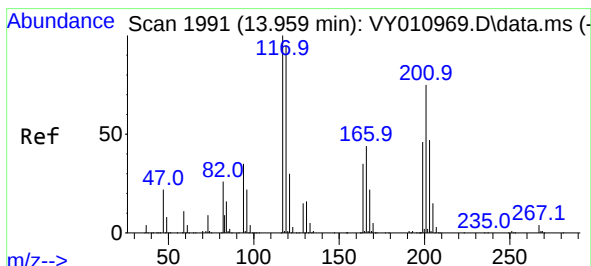
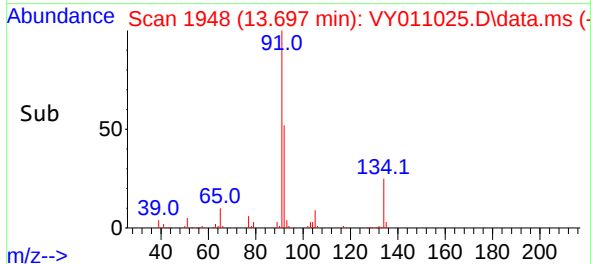
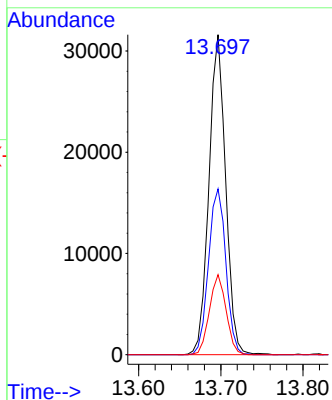
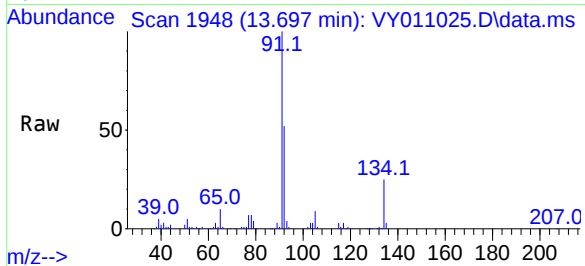




#89
n-Butylbenzene
Concen: 4.162 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

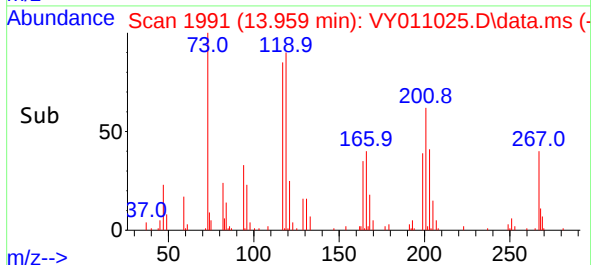
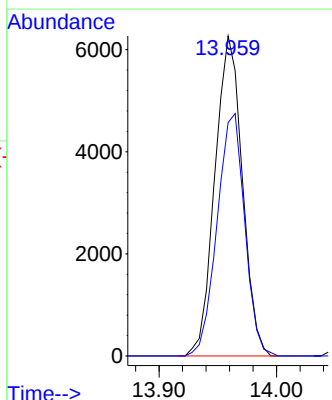
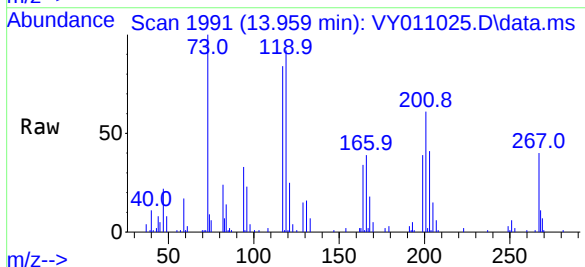
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

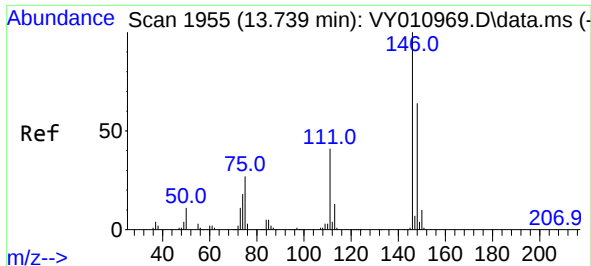
Tgt Ion:	91	Resp:	44624
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.3	78.9
134	25.0	13.0	38.9



#90
Hexachloroethane
Concen: 4.486 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:	117	Resp:	10160
Ion	Ratio	Lower	Upper
117	100		
201	76.4	43.0	128.8





#91

1,2-Dichlorobenzene

Concen: 4.378 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY011025.D

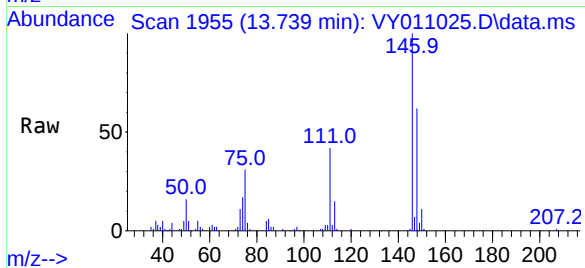
Acq: 20 Oct 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022



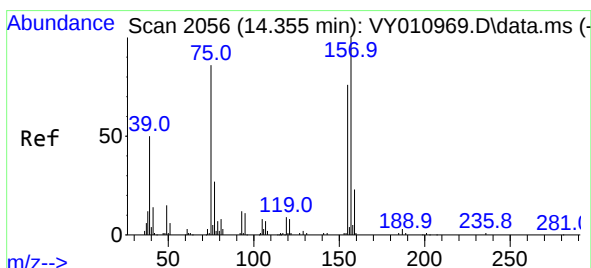
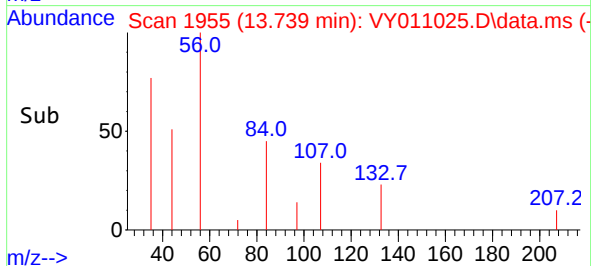
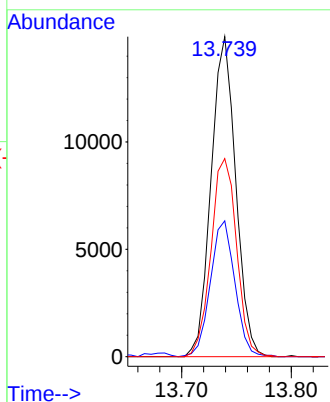
Tgt Ion:146 Resp: 23314

Ion Ratio Lower Upper

146 100

111 42.3 20.3 60.9

148 64.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.592 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011025.D

Acq: 20 Oct 2022 15:13

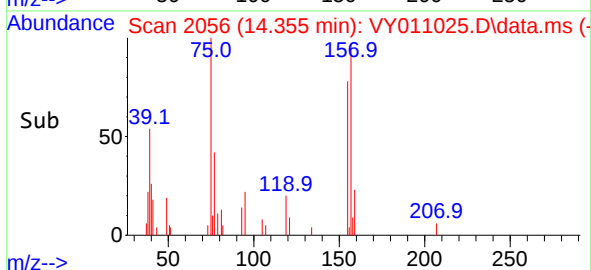
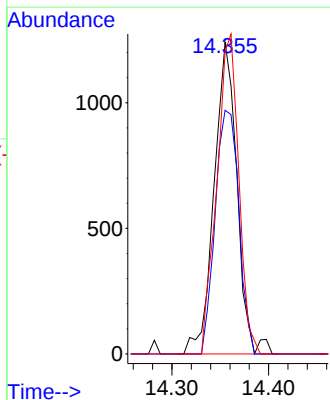
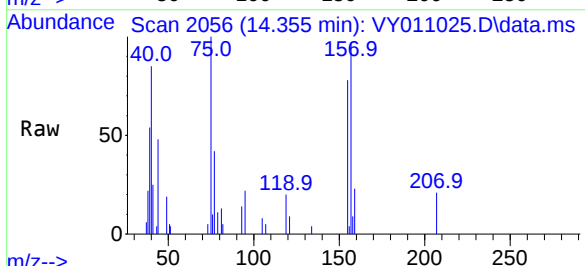
Tgt Ion: 75 Resp: 2033

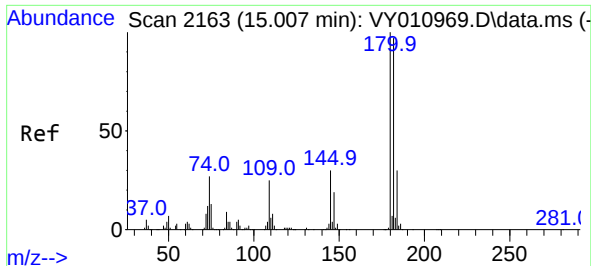
Ion Ratio Lower Upper

75 100

155 81.0 38.0 113.9

157 98.1 47.8 143.3

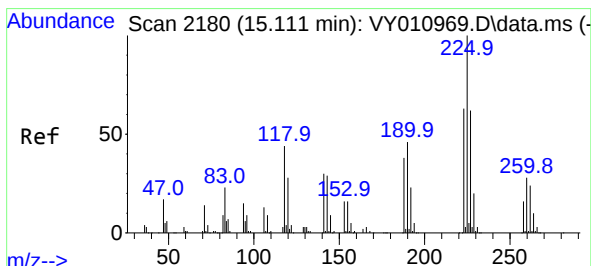
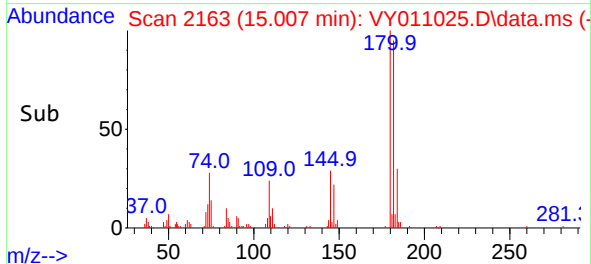
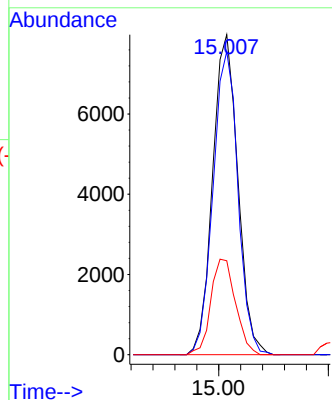
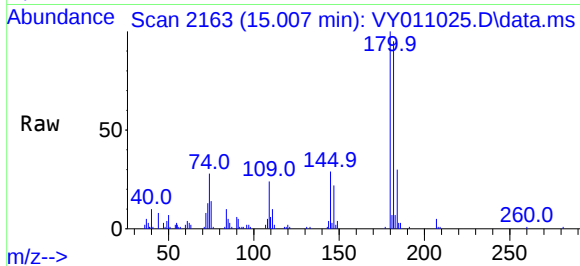




#93
1,2,4-Trichlorobenzene
Concen: 3.999 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

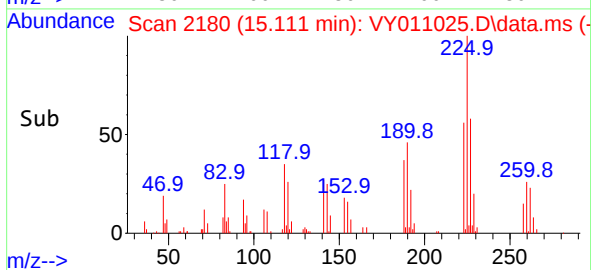
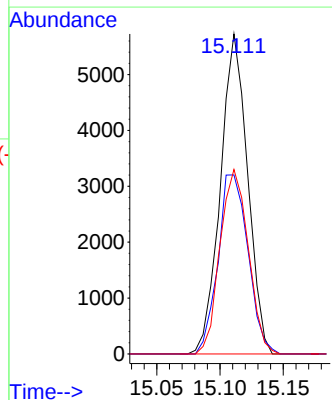
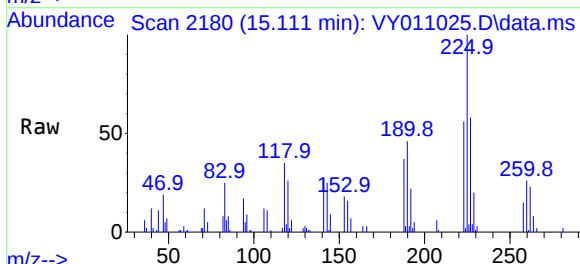
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

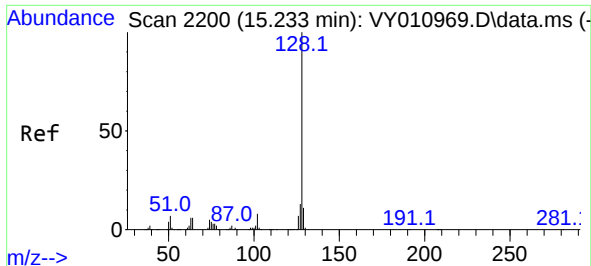
Tgt Ion:	180	Resp:	12728
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.3	141.9
145	29.3	14.6	43.8



#94
Hexachlorobutadiene
Concen: 4.565 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:	225	Resp:	8551
Ion Ratio	Lower	Upper	
225	100		
223	61.9	30.8	92.3
227	60.0	31.6	94.7

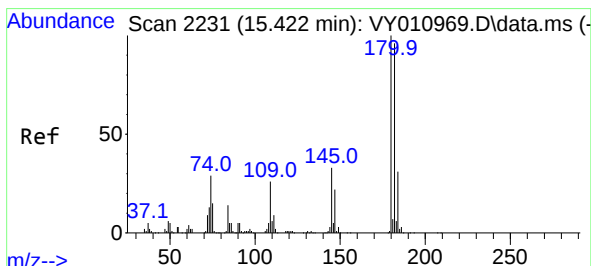
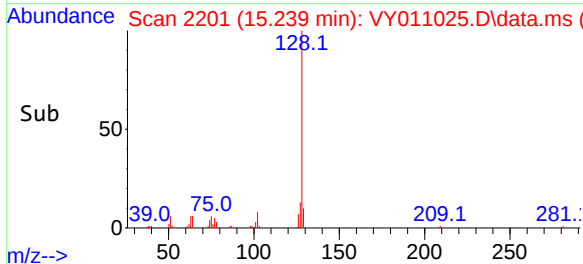
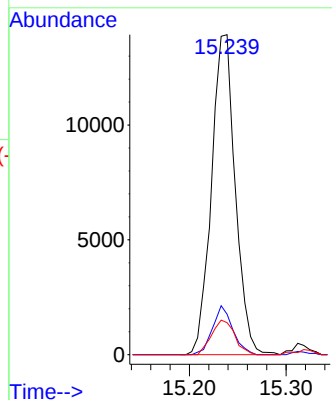
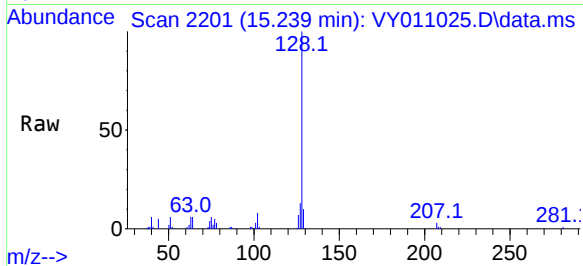




#95
Naphthalene
Concen: 3.684 ug/l
RT: 15.239 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

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

Tgt Ion:	128	Resp:	23875
Ion	Ratio	Lower	Upper
128	100		
127	13.0	11.0	16.4
129	10.5	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 3.947 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011025.D
Acq: 20 Oct 2022 15:13

Tgt Ion:	180	Resp:	10959
Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	141.9
145	31.2	15.3	45.9

