

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075499.D
 Acq On : 10 Mar 2023 18:22
 Operator : KP/SY
 Sample : 01627-01 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Quant Time: Mar 11 00:17:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 11 00:17:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	92089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	169144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	149367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	65129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50410	60.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.660%	
35) Dibromofluoromethane	7.811	113	61781	53.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.660%	
50) Toluene-d8	10.269	98	245370	53.616	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.575	95	64413	48.688	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	2443	2.660	ug/l	90
3) Chloromethane	2.152	50	4863	3.199	ug/l	100
4) Vinyl Chloride	2.287	62	6596	2.985	ug/l #	88
5) Bromomethane	2.705	94	5947	3.435	ug/l	97
6) Chloroethane	2.846	64	4399	2.972	ug/l	90
7) Trichlorofluoromethane	3.181	101	5067	2.845	ug/l	91
8) Diethyl Ether	3.599	74	1266	2.662	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.970	101	3175	2.739	ug/l	94
10) Methyl Iodide	4.170	142	3572	2.583	ug/l #	84
11) Tert butyl alcohol	5.052	59	84	2.177	ug/l #	100
12) 1,1-Dichloroethene	3.952	96	3222	2.815	ug/l	91
13) Acrolein	3.811	56	1033	13.454	ug/l #	80
14) Allyl chloride	4.564	41	2810	2.853	ug/l	91
15) Acrylonitrile	5.264	53	2131	12.222	ug/l #	92
16) Acetone	4.023	43	1844	11.855	ug/l #	78
17) Carbon Disulfide	4.275	76	10018	2.901	ug/l	99
18) Methyl Acetate	4.570	43	1248	2.821	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	5381	2.711	ug/l	94
20) Methylene Chloride	4.805	84	7602	5.103	ug/l #	76
21) trans-1,2-Dichloroethene	5.311	96	3649	2.804	ug/l #	70
22) Diisopropyl ether	6.217	45	4875	2.284	ug/l #	92
23) Vinyl Acetate	6.164	43	10240	9.885	ug/l #	88
24) 1,1-Dichloroethane	6.122	63	5318	2.876	ug/l #	81
25) 2-Butanone	7.093	43	2498	12.821	ug/l #	80
26) 2,2-Dichloropropane	7.069	77	4969	2.922	ug/l #	73
27) cis-1,2-Dichloroethene	7.093	96	3600	2.582	ug/l	89
28) Bromochloromethane	7.428	49	1687	2.830	ug/l #	55
29) Tetrahydrofuran	7.464	42	1244	11.731	ug/l #	75
30) Chloroform	7.605	83	5501	2.679	ug/l	89
31) Cyclohexane	7.887	56	5016	3.370	ug/l #	59
32) 1,1,1-Trichloroethane	7.799	97	5127	2.848	ug/l #	89
36) 1,1-Dichloropropene	8.005	75	4092	2.384	ug/l	92
37) Ethyl Acetate	7.164	43	1213	2.712	ug/l #	80
38) Carbon Tetrachloride	7.999	117	3404	2.069	ug/l #	86
39) Methylcyclohexane	9.275	83	4805	2.220	ug/l	90
40) Benzene	8.258	78	13169	2.560	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	495	2.100	ug/l #	57
42) 1,2-Dichloroethane	8.328	62	3355	2.962	ug/l	79
43) Isopropyl Acetate	8.369	43	1804	2.179	ug/l #	61
44) Trichloroethene	9.034	130	3910	2.586	ug/l	89
45) 1,2-Dichloropropane	9.310	63	2636	2.383	ug/l	94
46) Dibromomethane	9.399	93	1853	2.718	ug/l	95
47) Bromodichloromethane	9.587	83	4121	2.497	ug/l	89
48) Methyl methacrylate	9.387	41	724	1.862	ug/l #	49
49) 1,4-Dioxane	9.381	88	54	8.732	ug/l #	21
51) 4-Methyl-2-Pentanone	10.163	43	4427	10.284	ug/l #	77
52) Toluene	10.340	92	8830	2.648	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	3810	2.566	ug/l	91
54) cis-1,3-Dichloropropene	10.022	75	4367	2.395	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	2690	2.787	ug/l #	86
56) Ethyl methacrylate	10.605	69	1880	2.046	ug/l #	66
57) 1,3-Dichloropropane	10.875	76	3837	2.584	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.875	63	4697	10.445	ug/l	90
59) 2-Hexanone	10.922	43	3037	9.977	ug/l	76
60) Dibromochloromethane	11.075	129	2731	2.395	ug/l	96
61) 1,2-Dibromoethane	11.175	107	2295	2.525	ug/l	94
64) Tetrachloroethene	10.810	164	3206	2.720	ug/l	85
65) Chlorobenzene	11.610	112	9790	2.764	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	3211	2.646	ug/l	94
67) Ethyl Benzene	11.693	91	14939	2.449	ug/l	95
68) m/p-Xylenes	11.799	106	11178	4.559	ug/l	94
69) o-Xylene	12.128	106	5154	2.263	ug/l	92
70) Styrene	12.140	104	8373	2.210	ug/l	91
71) Bromoform	12.304	173	1435	2.316	ug/l #	88
73) Isopropylbenzene	12.428	105	13717	2.630	ug/l	97
74) N-amyl acetate	12.240	43	1292	2.000	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.681	83	2681	3.031	ug/l #	91
76) 1,2,3-Trichloropropane	12.716	75	1948	3.647	ug/l #	100
77) Bromobenzene	12.704	156	3776	3.045	ug/l	79
78) n-propylbenzene	12.769	91	17874	2.820	ug/l	97
79) 2-Chlorotoluene	12.851	91	9708	2.827	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	11201	2.619	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.575	75	33227	130.843	ug/l #	5
82) 4-Chlorotoluene	12.951	91	9912	2.797	ug/l	99
83) tert-Butylbenzene	13.169	119	9991	2.688	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	10123	2.449	ug/l	96
85) sec-Butylbenzene	13.351	105	15122	2.628	ug/l	99
86) p-Isopropyltoluene	13.463	119	12033	2.559	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	7686	2.999	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	7693	3.034	ug/l	94
89) n-Butylbenzene	13.793	91	11665	2.705	ug/l	98
90) Hexachloroethane	14.057	117	2962	3.262	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	6230	2.872	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	3794	2.999	ug/l	97
94) Hexachlorobutadiene	15.210	225	1562	2.589	ug/l	98
95) Naphthalene	15.340	128	6624	2.853	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.528	180	3320	3.042	ug/l	98

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Response via : Initial Calibration

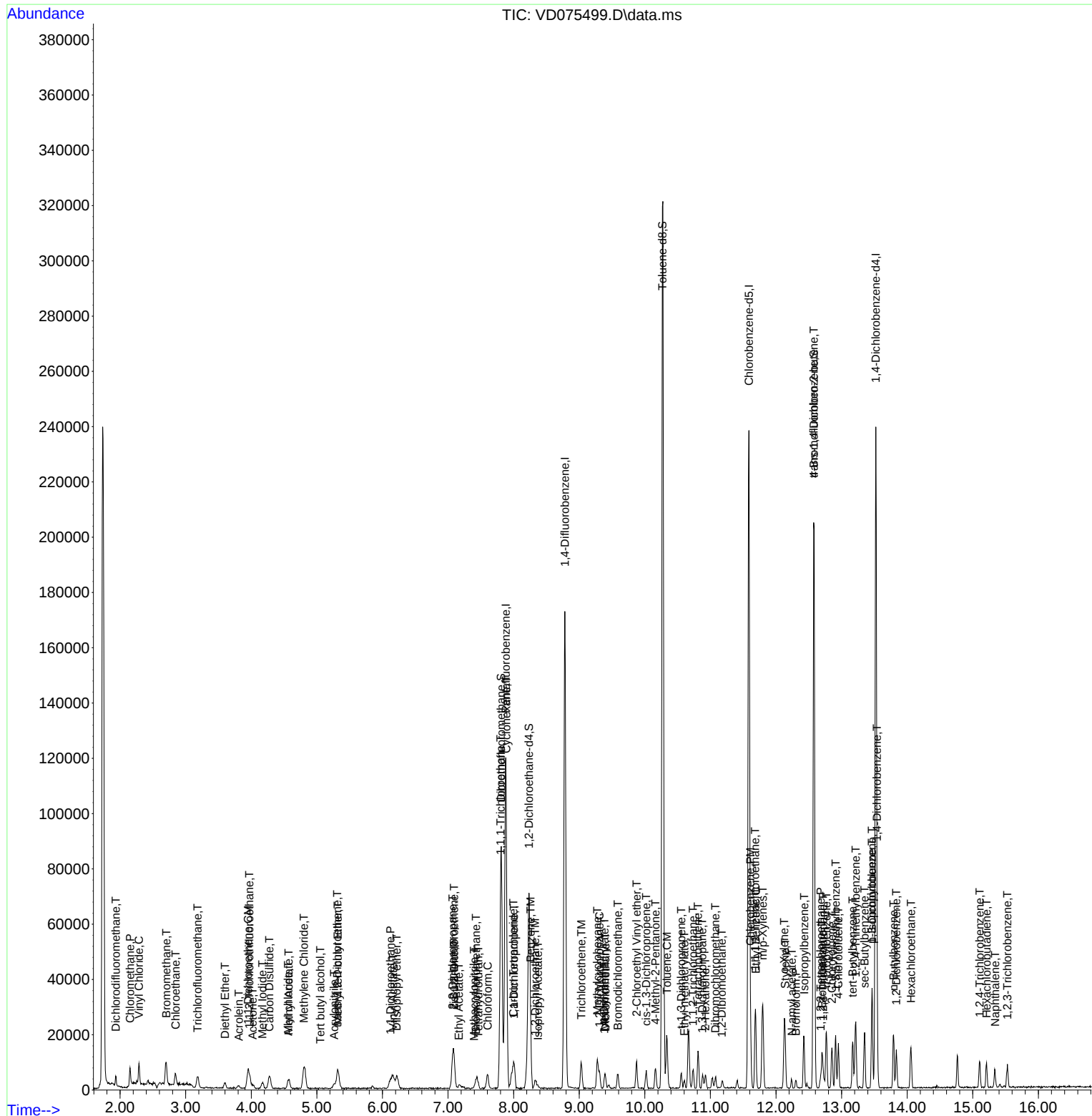
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

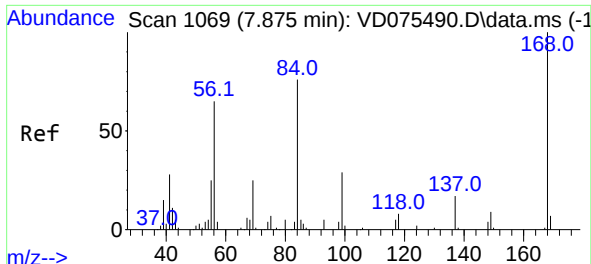
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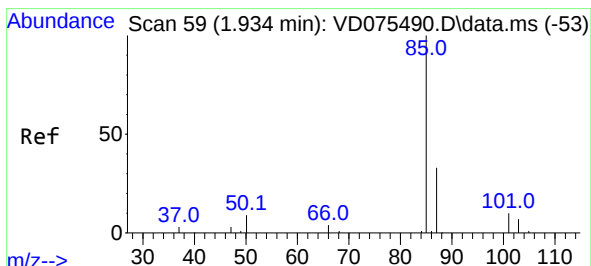
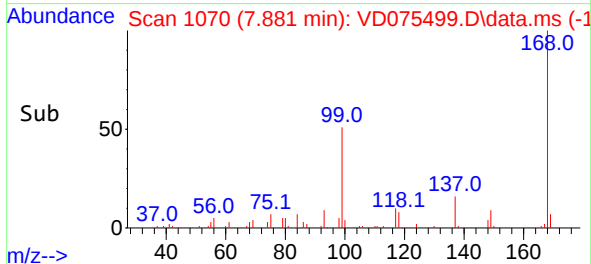
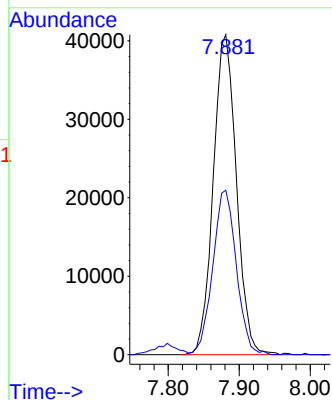
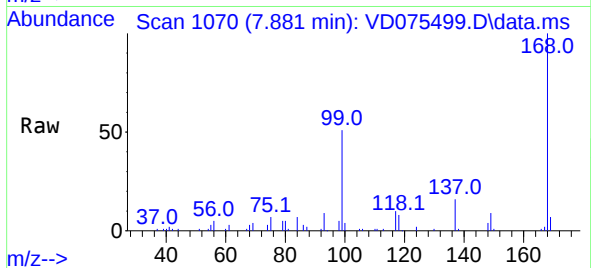




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

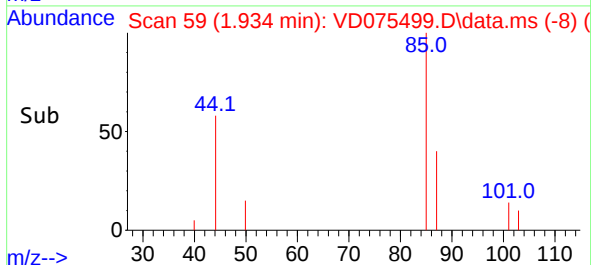
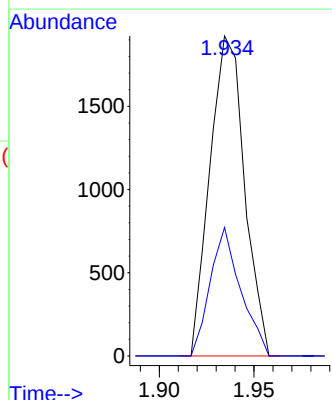
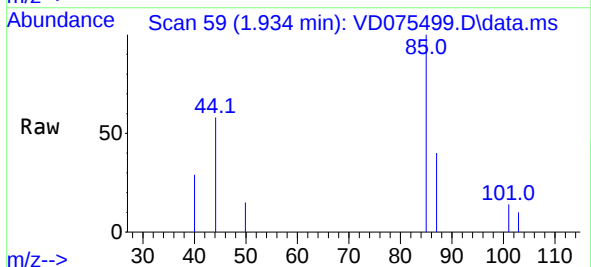
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:168 Resp: 92089
Ion Ratio Lower Upper
168 100
99 51.4 43.8 65.6

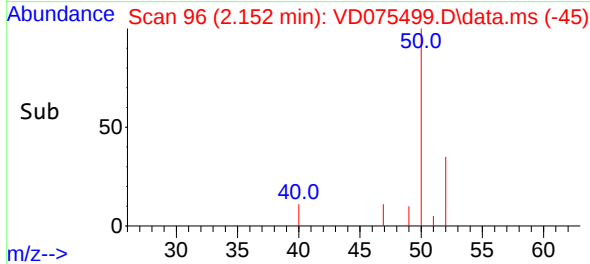
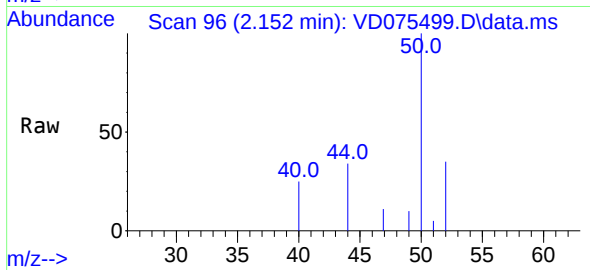
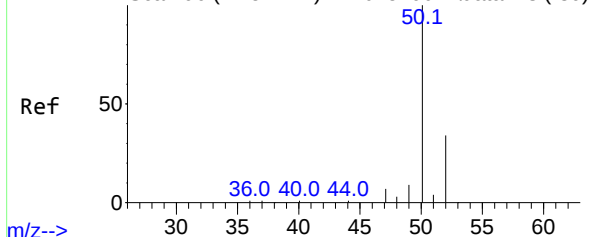


#2
Dichlorodifluoromethane
Concen: 2.660 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 85 Resp: 2443
Ion Ratio Lower Upper
85 100
87 40.1 17.3 51.7



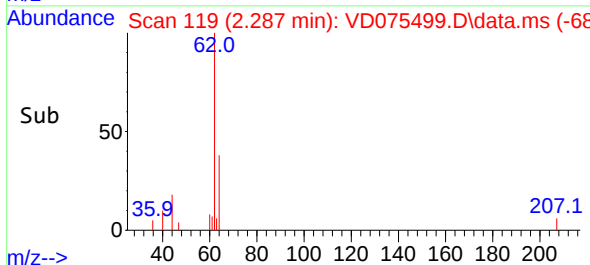
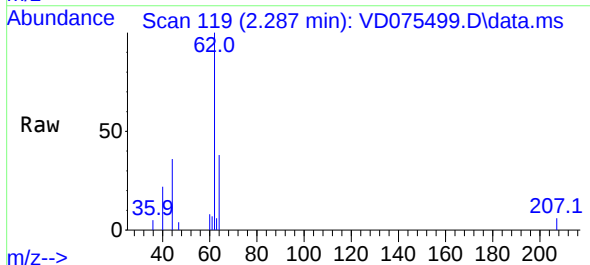
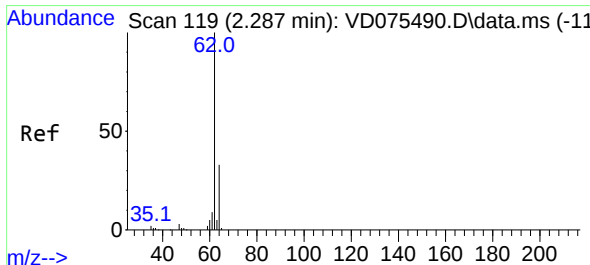
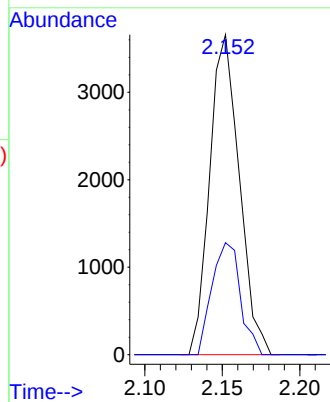
Abundance Scan 96 (2.152 min): VD075490.D\data.ms (-89)



#3
Chloromethane
Concen: 3.199 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

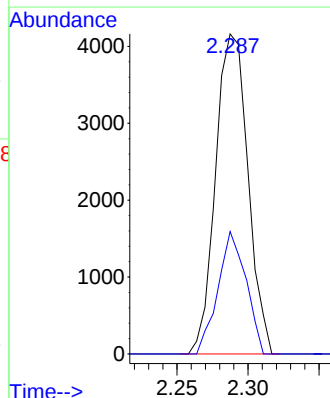
Instrument :
MSVOA_D
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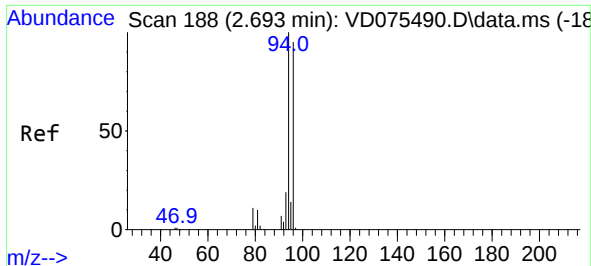
Tgt Ion: 50 Resp: 4863
Ion Ratio Lower Upper
50 100
52 35.0 27.8 41.8



#4
Vinyl Chloride
Concen: 2.985 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 62 Resp: 6596
Ion Ratio Lower Upper
62 100
64 38.3 25.4 38.0#





#5

Bromomethane

Concen: 3.435 ug/l

RT: 2.705 min Scan# 190

Delta R.T. 0.012 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

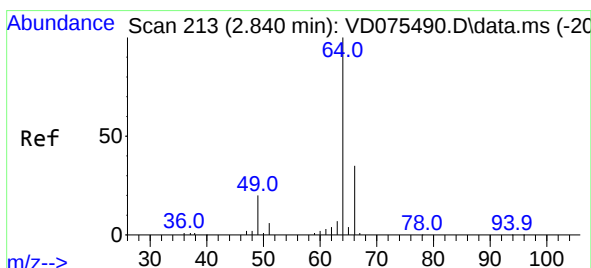
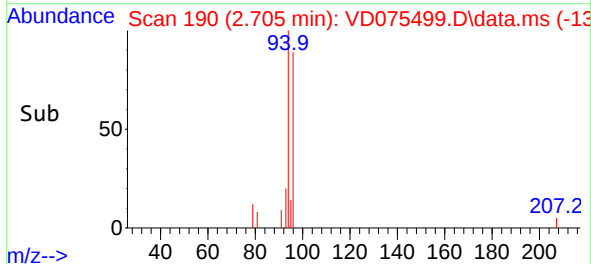
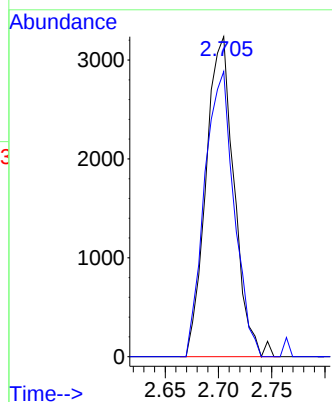
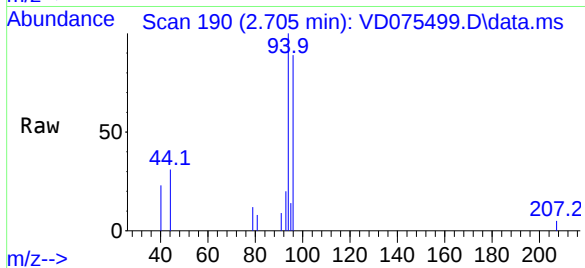
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 94 Resp: 5947

Ion Ratio Lower Upper

94 100

96 93.6 77.5 116.3



#6

Chloroethane

Concen: 2.972 ug/l

RT: 2.846 min Scan# 214

Delta R.T. 0.006 min

Lab File: VD075499.D

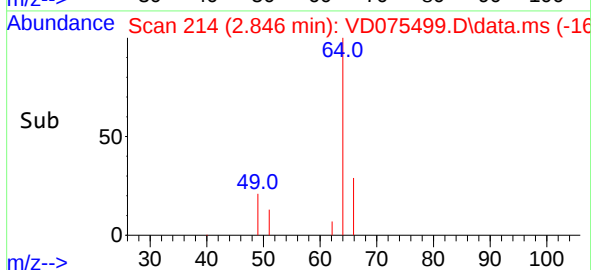
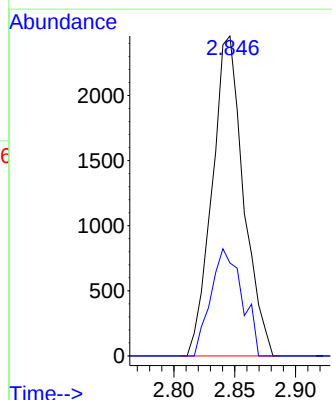
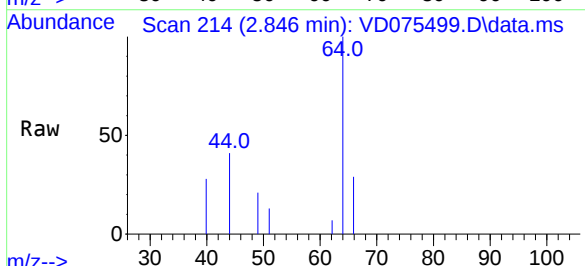
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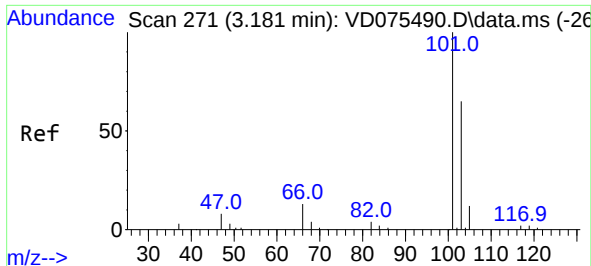
Tgt Ion: 64 Resp: 4399

Ion Ratio Lower Upper

64 100

66 29.1 27.7 41.5

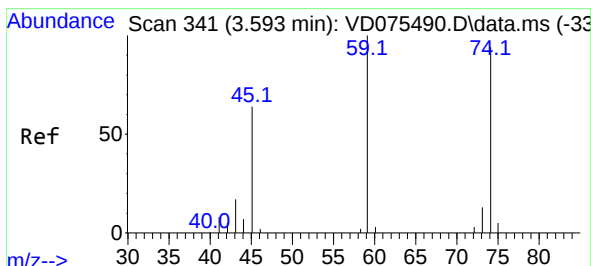
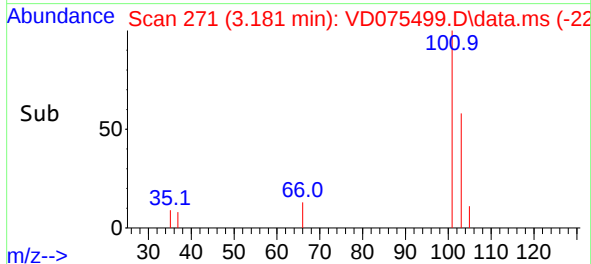
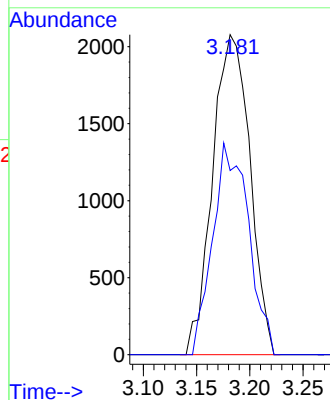
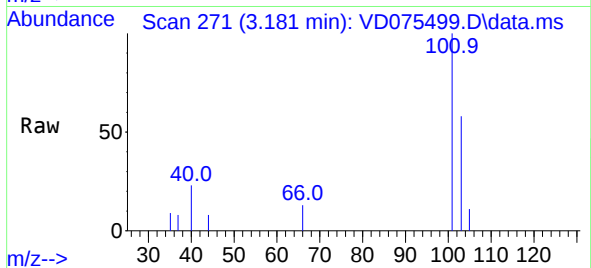




#7
Trichlorofluoromethane
Concen: 2.845 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

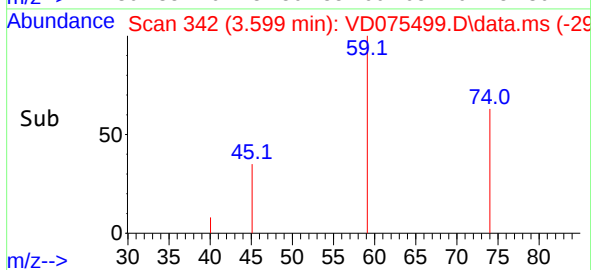
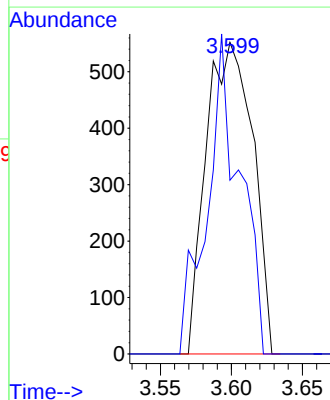
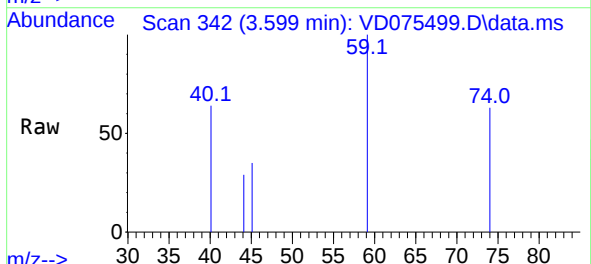
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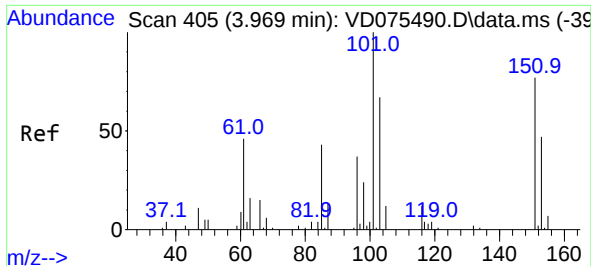
Tgt Ion:101 Resp: 5067
Ion Ratio Lower Upper
101 100
103 57.6 51.9 77.9



#8
Diethyl Ether
Concen: 2.662 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 74 Resp: 1266
Ion Ratio Lower Upper
74 100
45 71.8 50.9 152.7



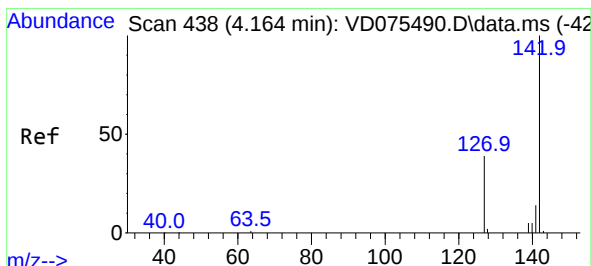
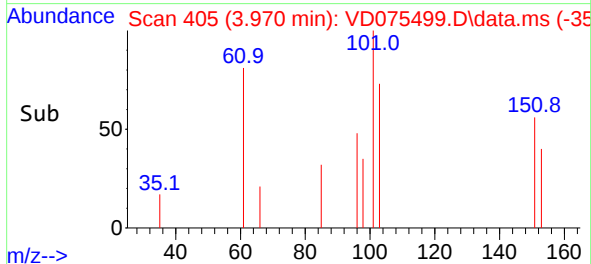
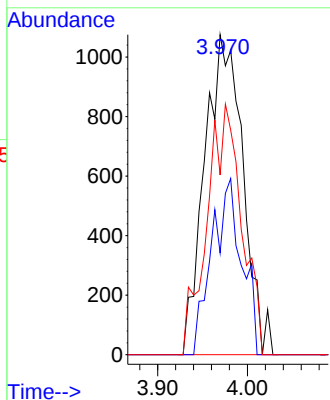
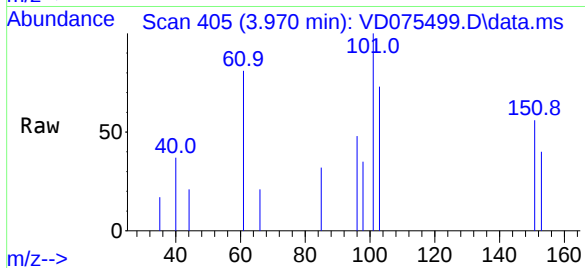


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.739 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:101 Resp: 3175

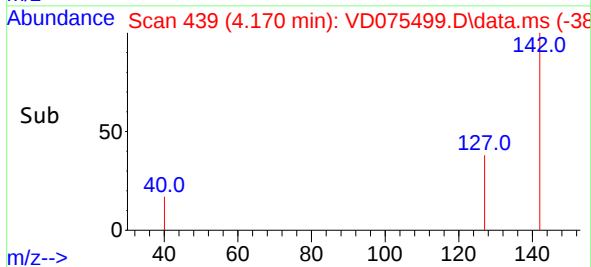
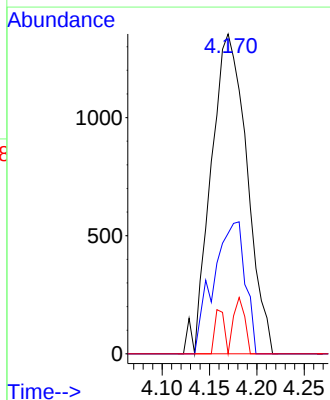
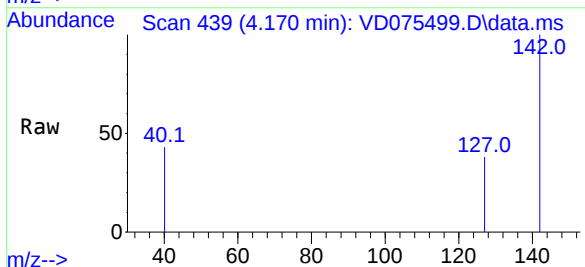
Ion	Ratio	Lower	Upper
101	100		
85	43.0	38.3	57.5
151	71.4	60.4	90.6

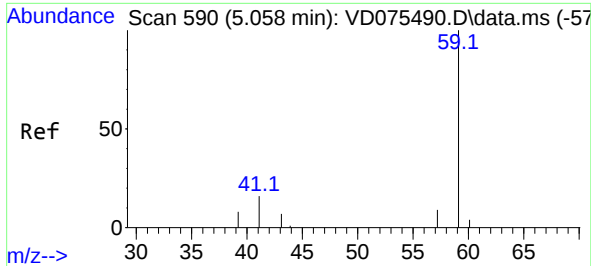


#10
Methyl Iodide
Concen: 2.583 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:142 Resp: 3572

Ion	Ratio	Lower	Upper
142	100		
127	36.5	37.1	55.7#
141	5.5	11.3	16.9#

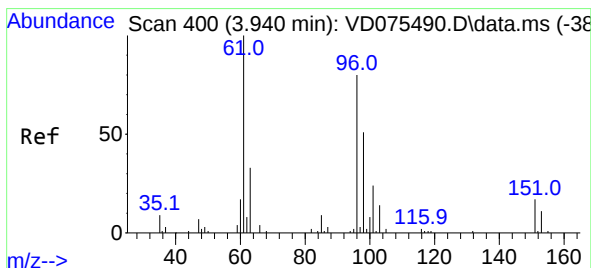
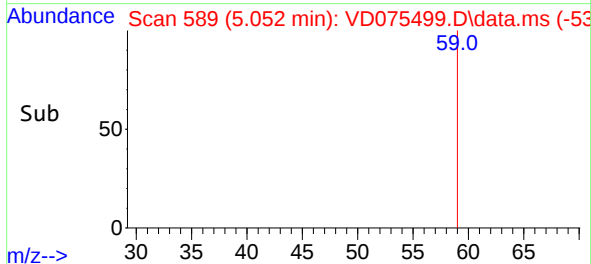
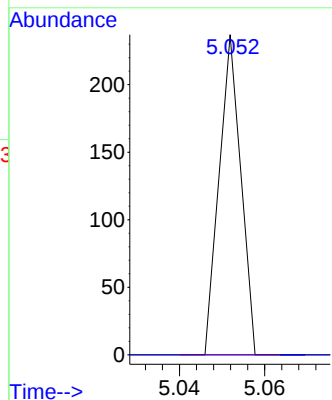
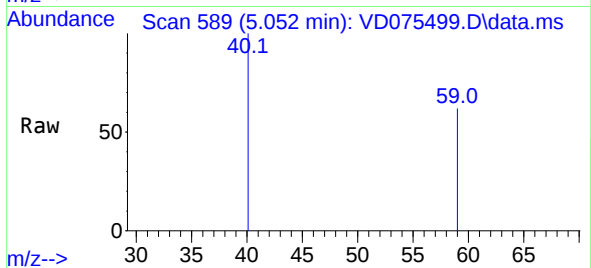




#11
Tert butyl alcohol
Concen: 2.177 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

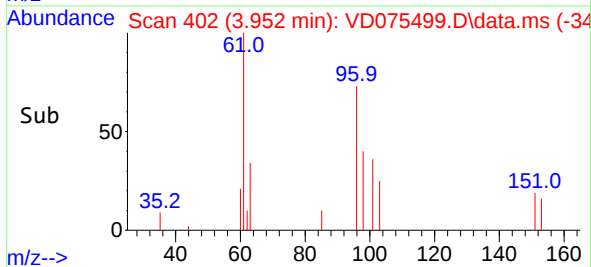
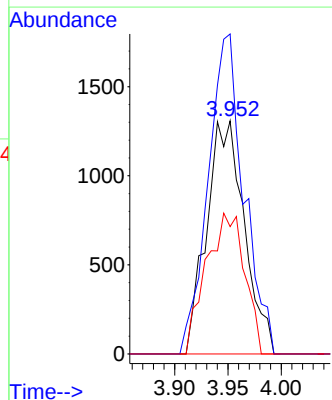
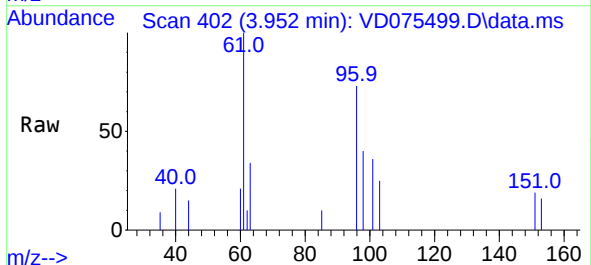
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

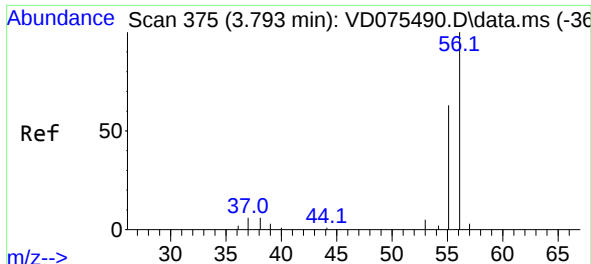
Tgt Ion: 59 Resp: 84
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 2.815 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 96 Resp: 3222
Ion Ratio Lower Upper
96 100
61 137.3 118.6 177.8
98 54.7 49.7 74.5





#13

Acrolein

Concen: 13.454 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.018 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

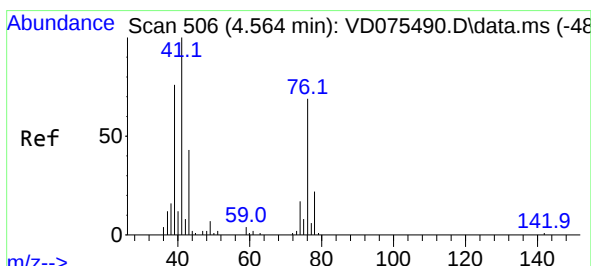
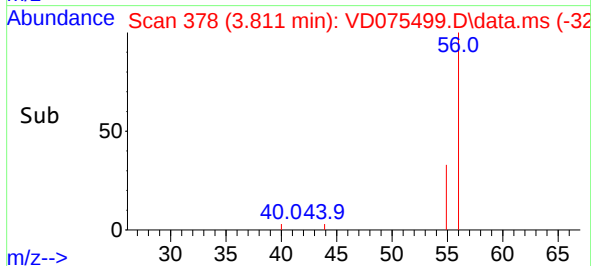
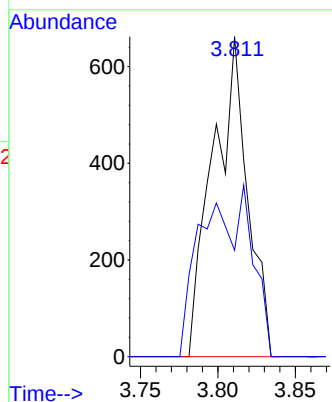
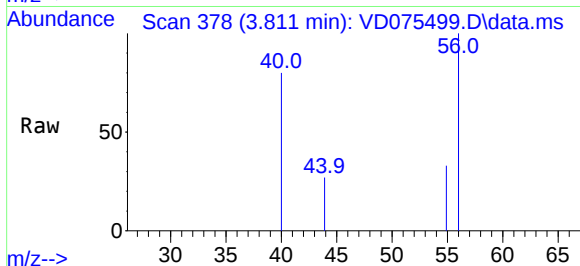
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 56 Resp: 1033

Ion Ratio Lower Upper

56 100

55 51.7 53.9 80.9#



#14

Allyl chloride

Concen: 2.853 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

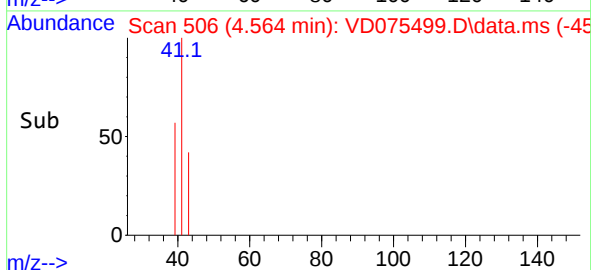
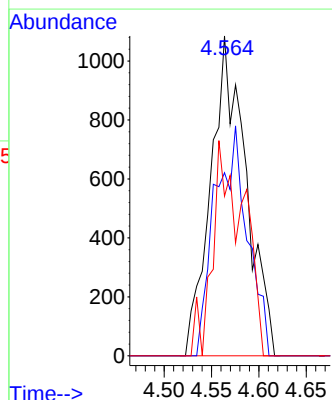
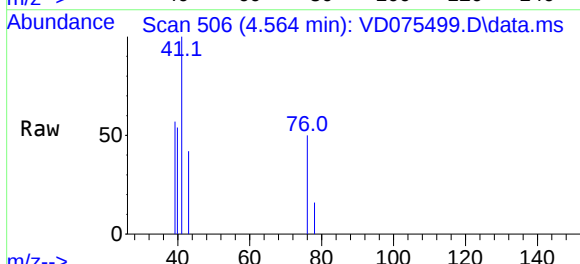
Tgt Ion: 41 Resp: 2810

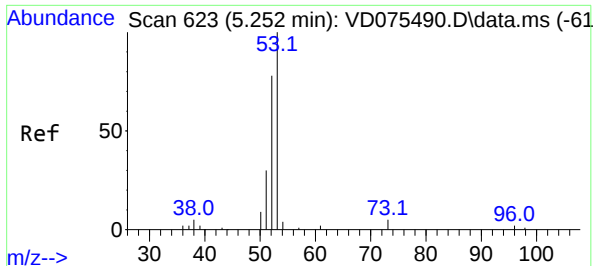
Ion Ratio Lower Upper

41 100

39 66.2 60.6 90.8

76 38.0 28.6 43.0

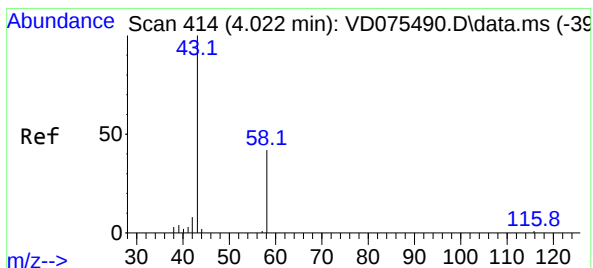
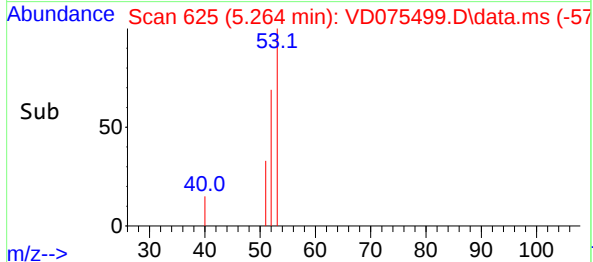
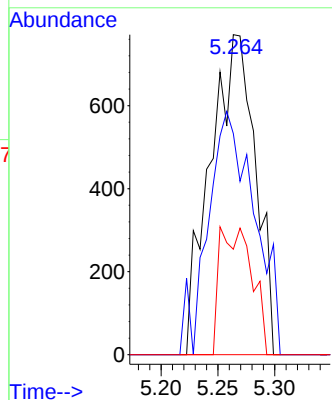
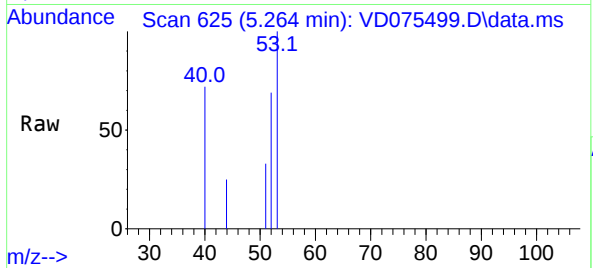




#15
Acrylonitrile
Concen: 12.222 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

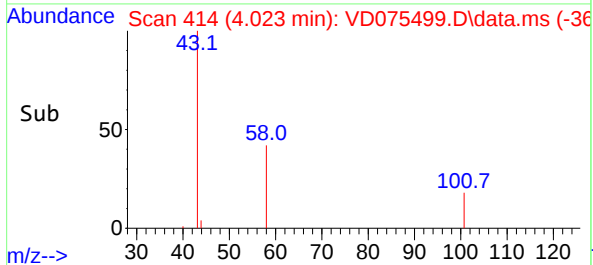
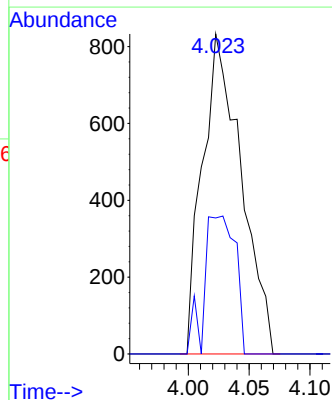
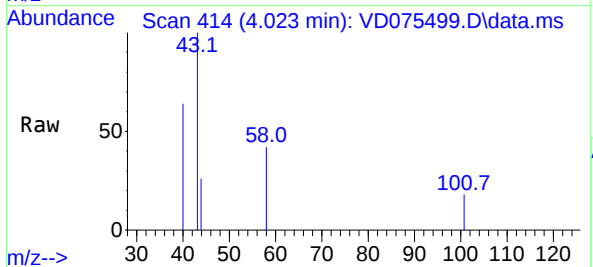
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

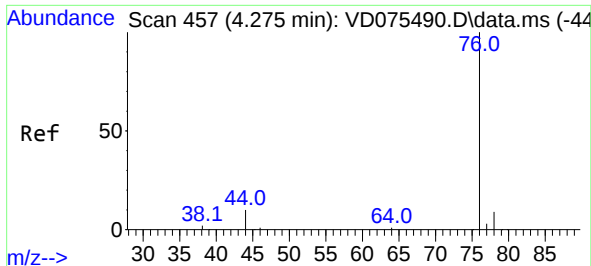
Tgt Ion: 53 Resp: 2131
Ion Ratio Lower Upper
53 100
52 78.6 66.2 99.4
51 28.6 30.7 46.1#



#16
Acetone
Concen: 11.855 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 42.5 24.4 36.6#

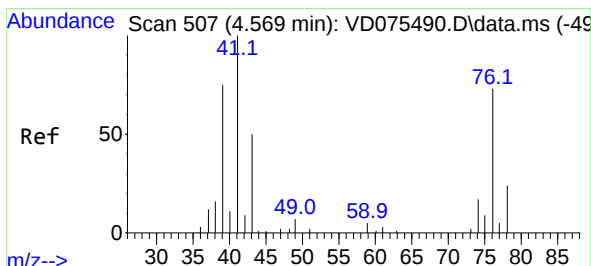
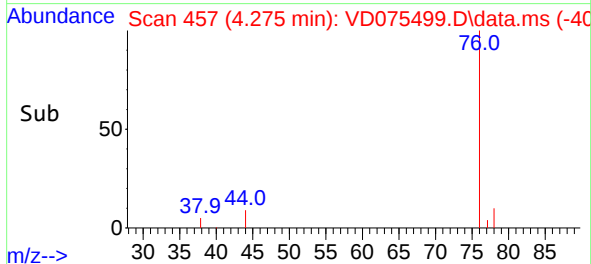
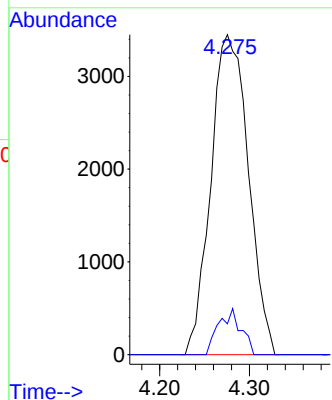
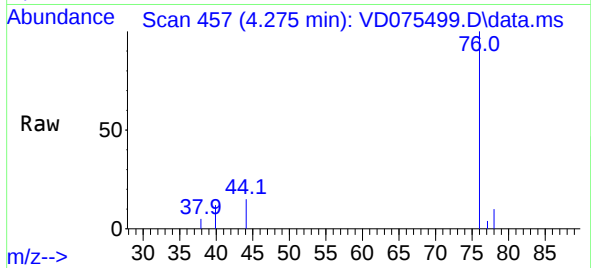




#17
Carbon Disulfide
Concen: 2.901 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

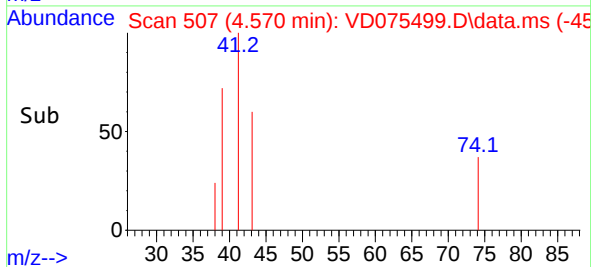
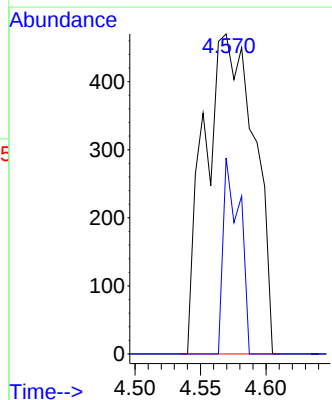
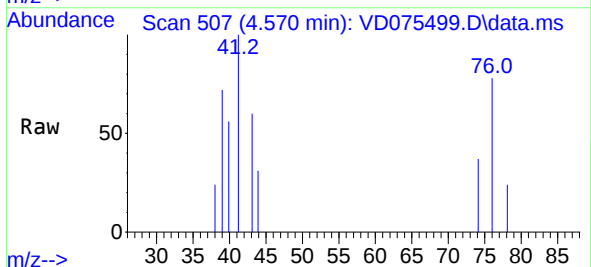
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

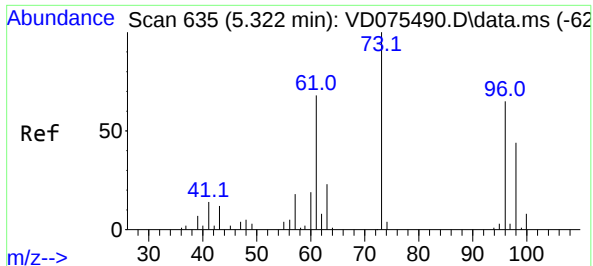
Tgt Ion: 76 Resp: 10018
Ion Ratio Lower Upper
76 100
78 9.6 8.0 12.0



#18
Methyl Acetate
Concen: 2.821 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
74 20.2 17.8 26.6

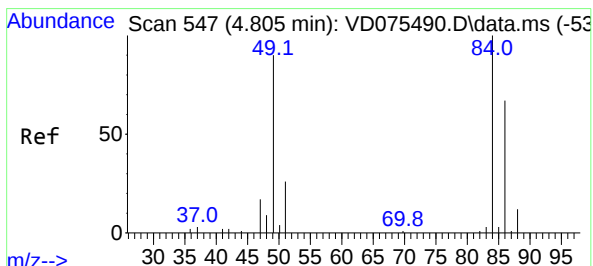
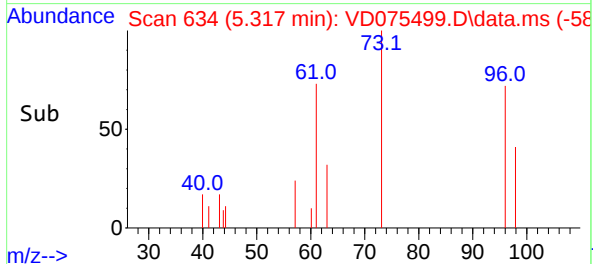
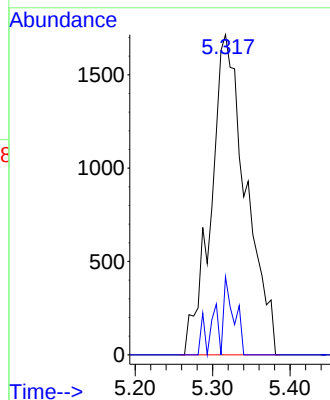
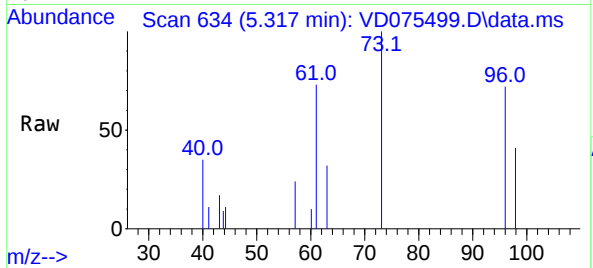




#19
Methyl tert-butyl Ether
Concen: 2.711 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

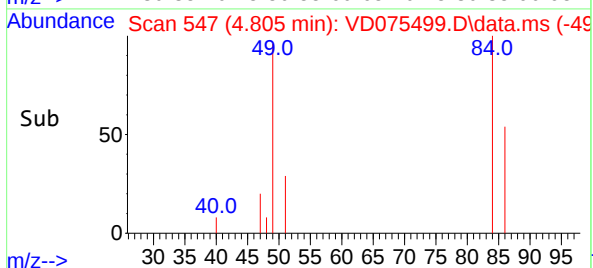
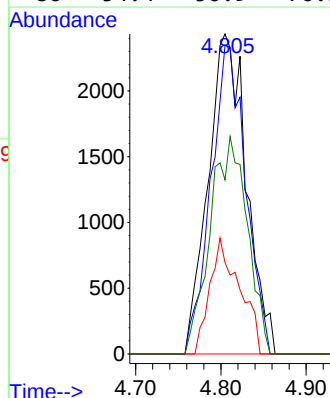
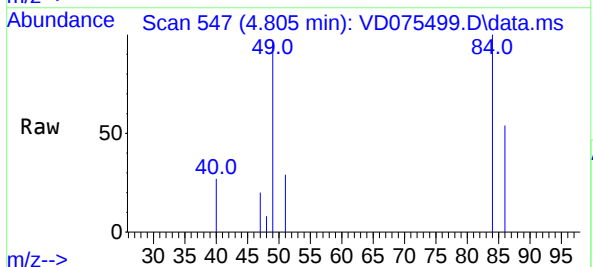
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

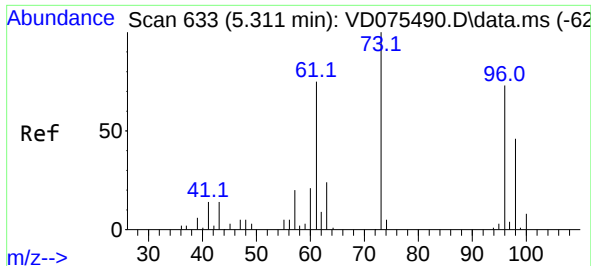
Tgt Ion: 73 Resp: 5381
Ion Ratio Lower Upper
73 100
57 24.4 17.2 25.8



#20
Methylene Chloride
Concen: 5.103 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

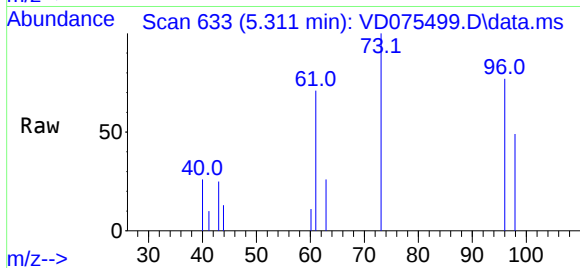
Tgt Ion: 84 Resp: 7602
Ion Ratio Lower Upper
84 100
49 96.5 106.4 159.6#
51 28.6 32.4 48.6#
86 54.4 50.9 76.3



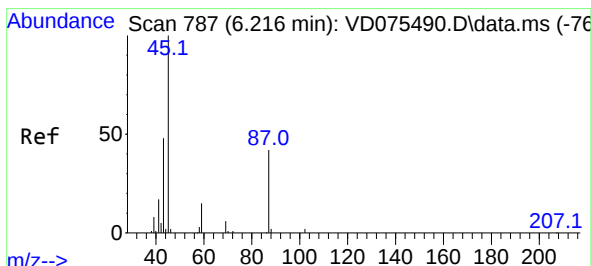
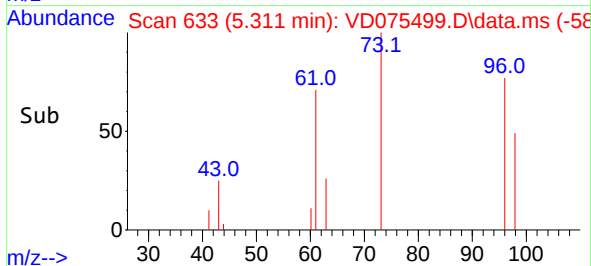
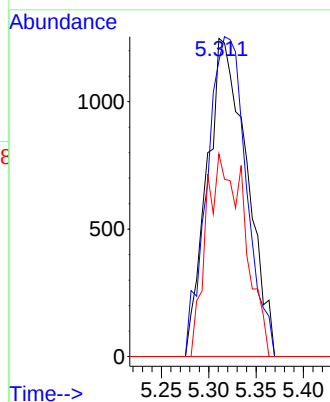


#21
trans-1,2-Dichloroethene
Concen: 2.804 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

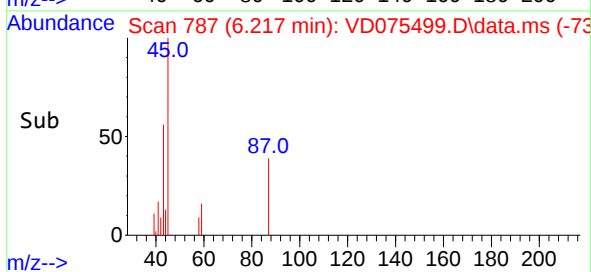
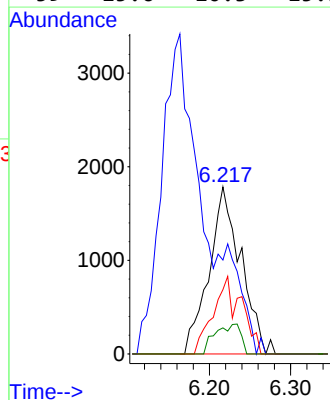
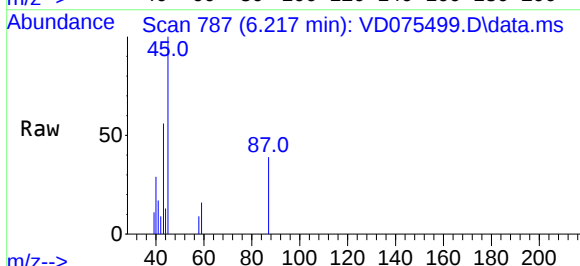


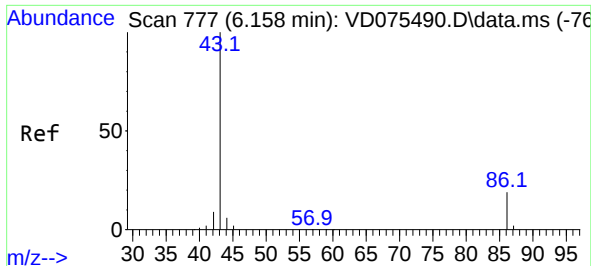
Tgt Ion: 96 Resp: 3649
Ion Ratio Lower Upper
96 100
61 92.9 117.2 175.8#
98 63.7 50.6 76.0



#22
Diisopropyl ether
Concen: 2.284 ug/l
RT: 6.217 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 45 Resp: 4875
Ion Ratio Lower Upper
45 100
43 56.2 44.4 66.6
87 38.5 20.9 31.3#
59 15.6 10.3 15.5#

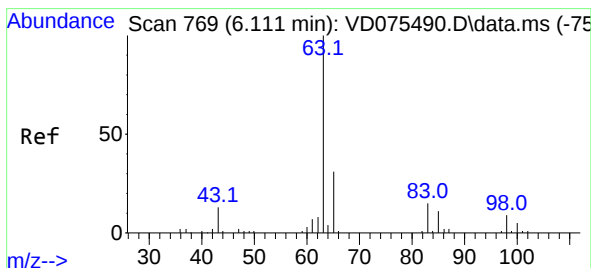
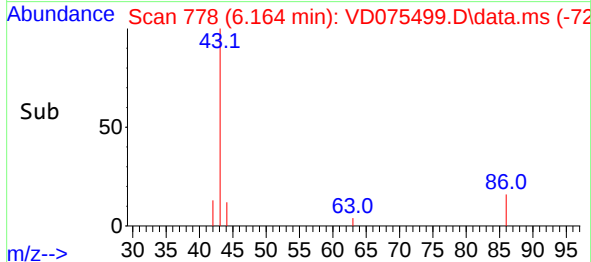
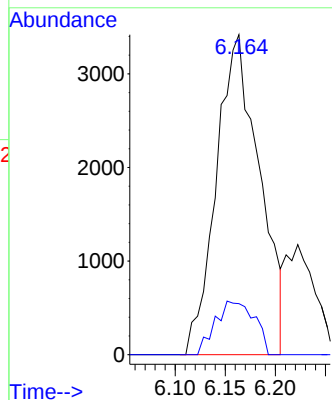
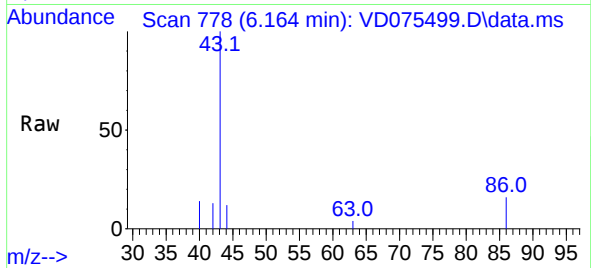




#23
 Vinyl Acetate
 Concen: 9.885 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD075499.D
 Acq: 10 Mar 2023 18:22

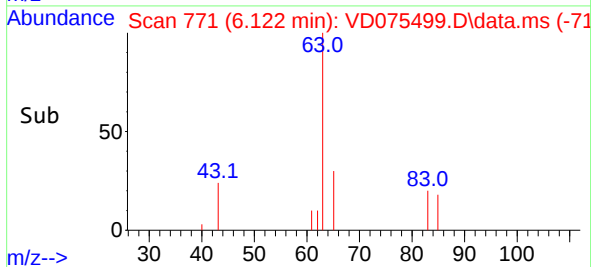
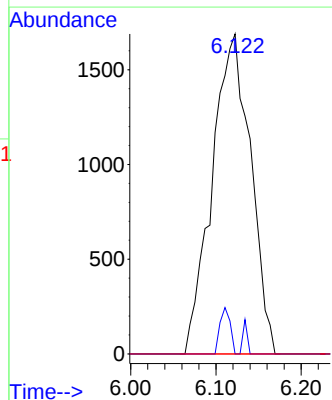
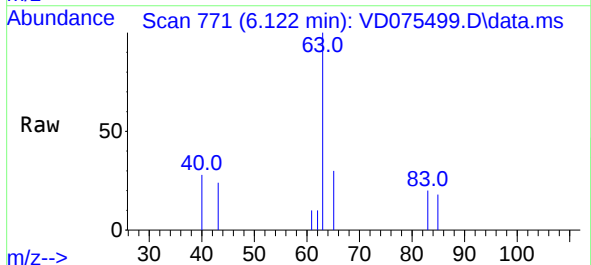
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

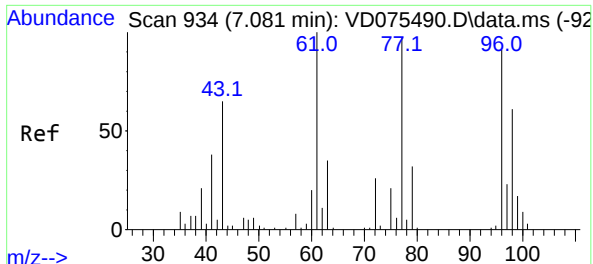
Tgt Ion: 43 Resp: 10240
 Ion Ratio Lower Upper
 43 100
 86 15.9 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 2.876 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD075499.D
 Acq: 10 Mar 2023 18:22

Tgt Ion: 63 Resp: 5318
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.0 6.0#





#25

2-Butanone

Concen: 12.821 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD075499.D

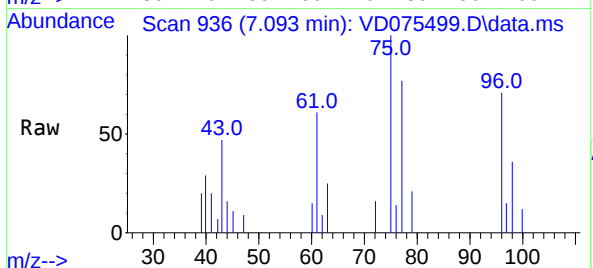
Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

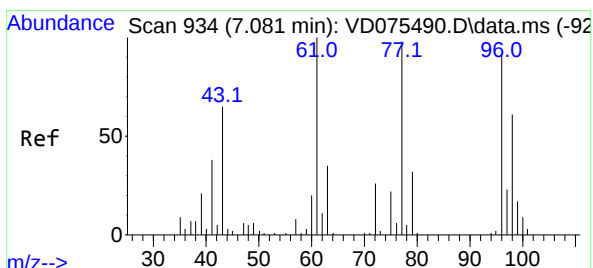
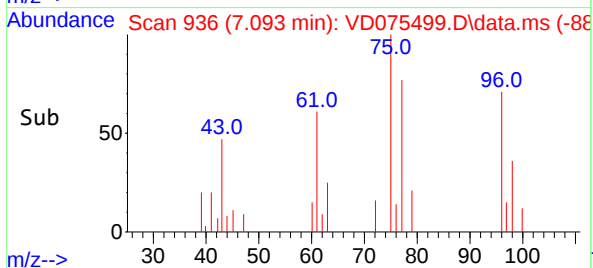
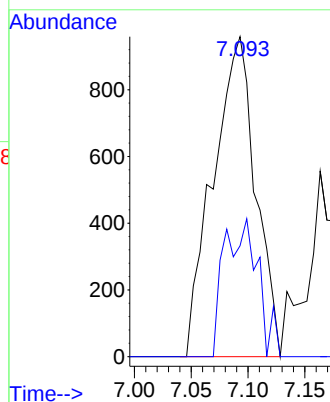


Tgt Ion: 43 Resp: 2498

Ion Ratio Lower Upper

43 100

72 34.6 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 2.922 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD075499.D

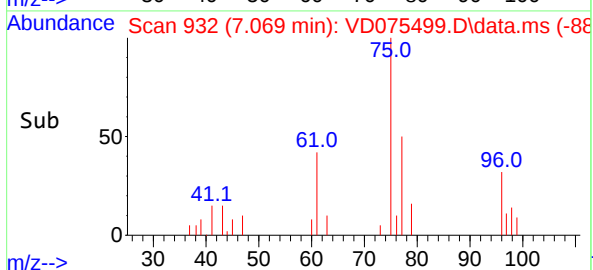
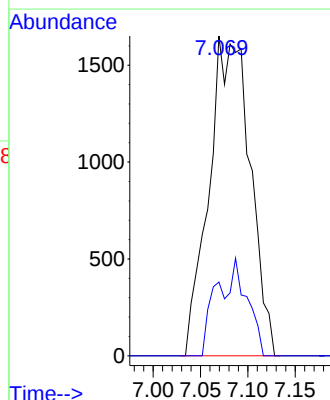
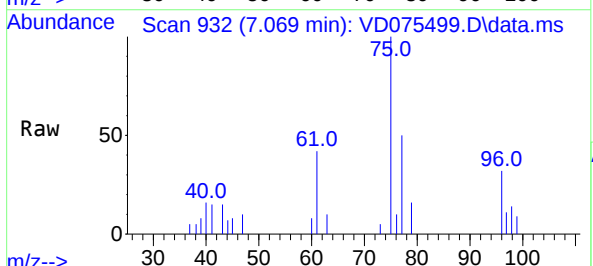
Acq: 10 Mar 2023 18:22

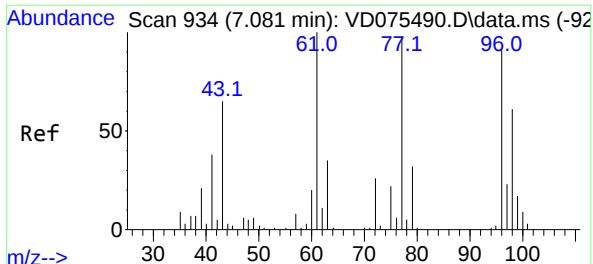
Tgt Ion: 77 Resp: 4969

Ion Ratio Lower Upper

77 100

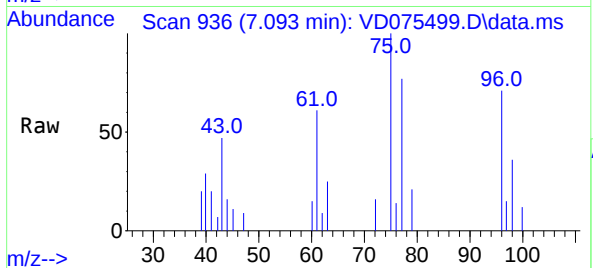
97 9.0 11.1 33.1#



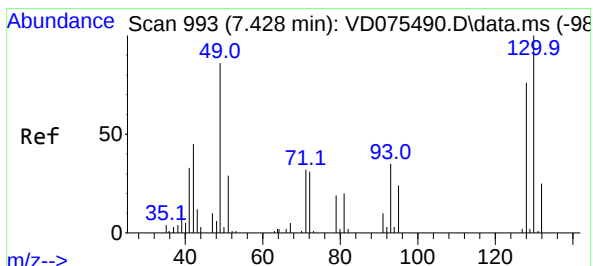
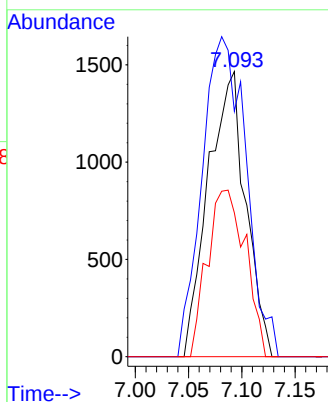
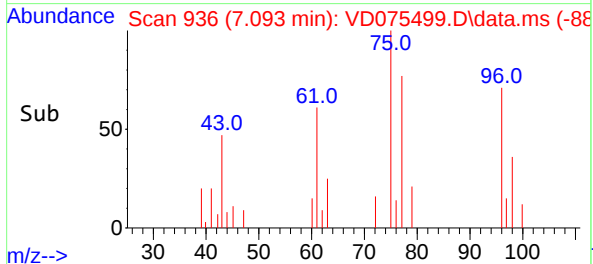


#27
cis-1,2-Dichloroethene
Concen: 2.582 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

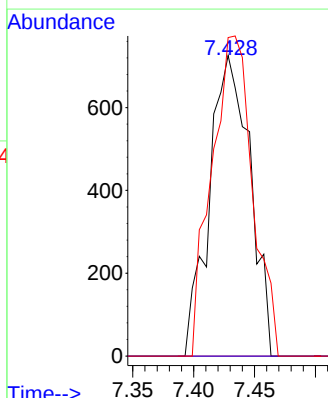
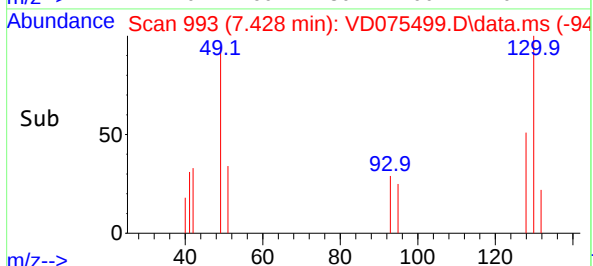
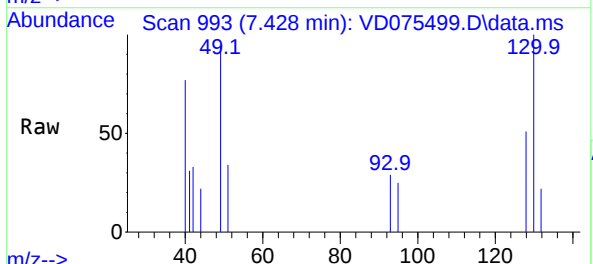


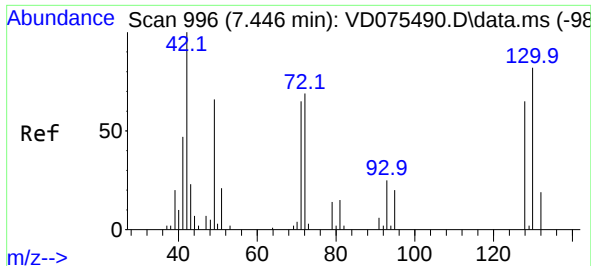
Tgt Ion: 96 Resp: 3600
Ion Ratio Lower Upper
96 100
61 130.7 0.0 295.2
98 59.4 0.0 129.2



#28
Bromochloromethane
Concen: 2.830 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 49 Resp: 1687
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 107.4 56.0 84.0#

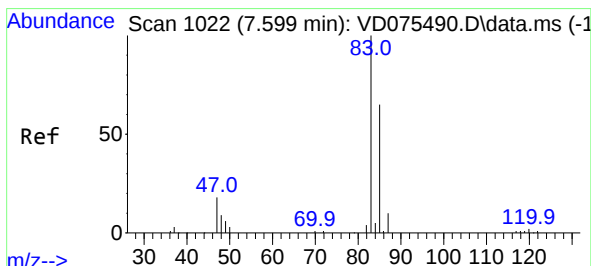
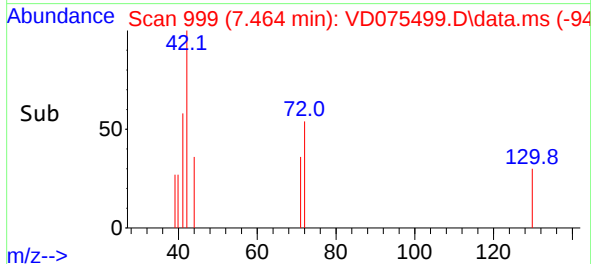
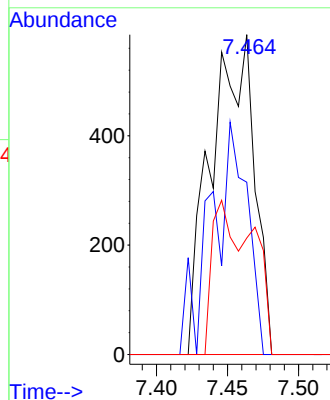
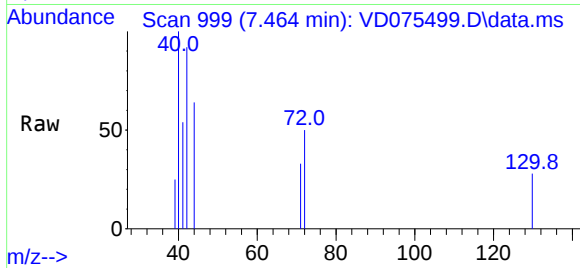




#29
Tetrahydrofuran
Concen: 11.731 ug/l
RT: 7.464 min Scan# 999
Delta R.T. 0.018 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

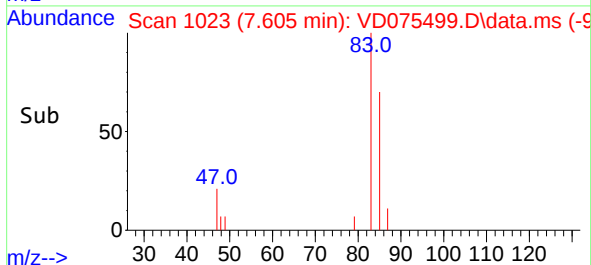
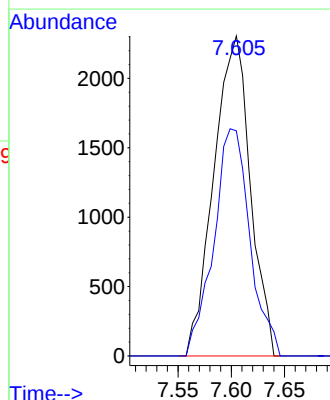
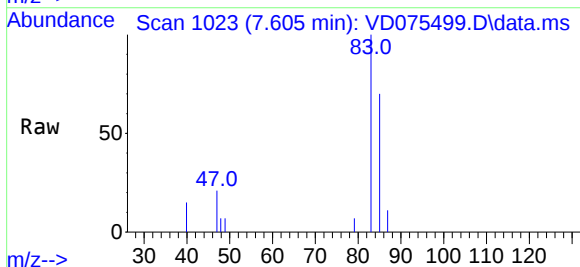
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

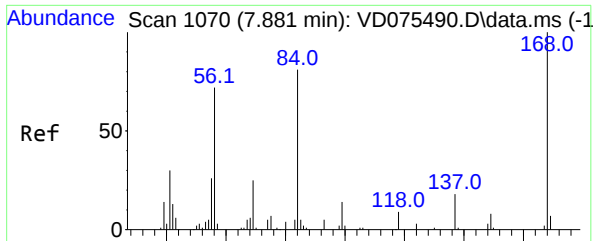
Tgt Ion: 42 Resp: 1244
Ion Ratio Lower Upper
42 100
72 60.7 31.8 47.6#
71 26.4 27.6 41.4#



#30
Chloroform
Concen: 2.679 ug/l
RT: 7.605 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 83 Resp: 5501
Ion Ratio Lower Upper
83 100
85 70.3 49.4 74.2





#31
Cyclohexane

Concen: 3.370 ug/l

RT: 7.887 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD075499.D

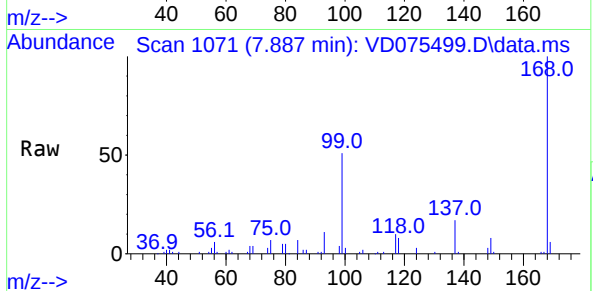
Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



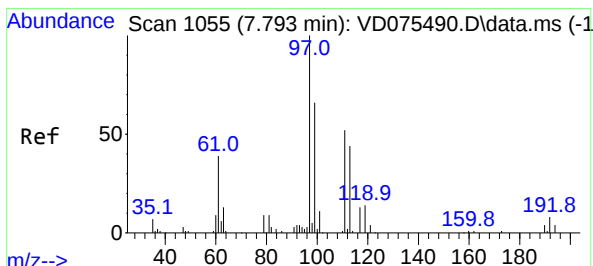
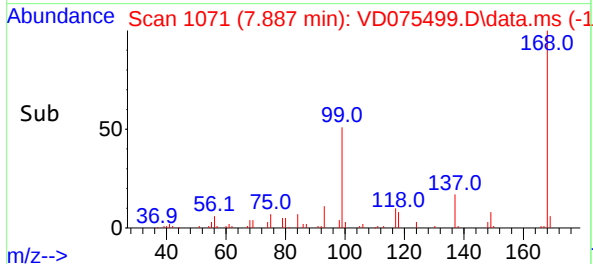
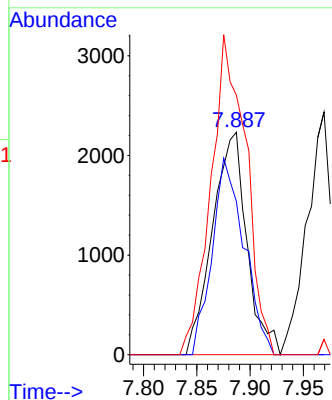
Tgt Ion: 56 Resp: 5016

Ion Ratio Lower Upper

56 100

69 68.9 25.5 38.3#

84 116.7 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 2.848 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

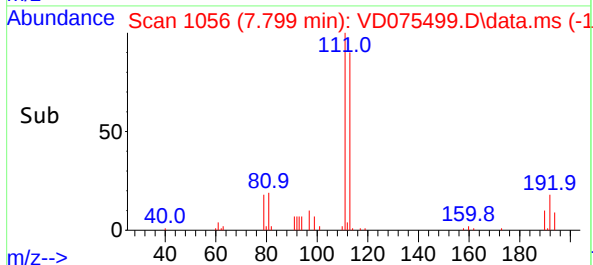
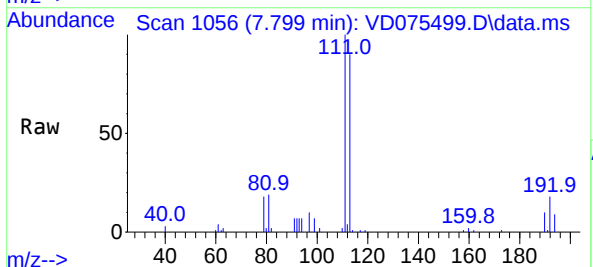
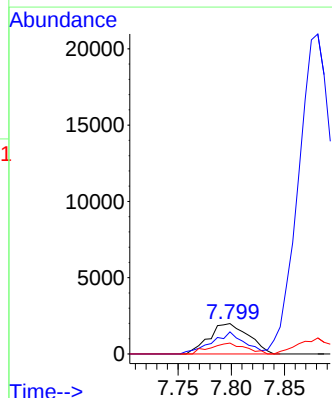
Tgt Ion: 97 Resp: 5127

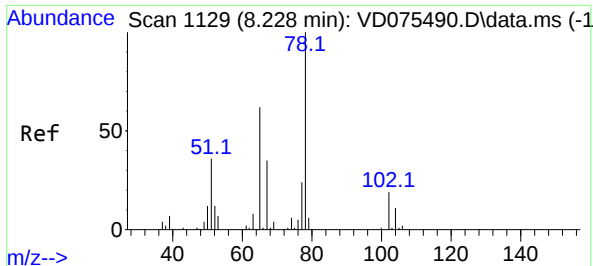
Ion Ratio Lower Upper

97 100

99 60.0 50.5 75.7

61 32.2 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 60.328 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

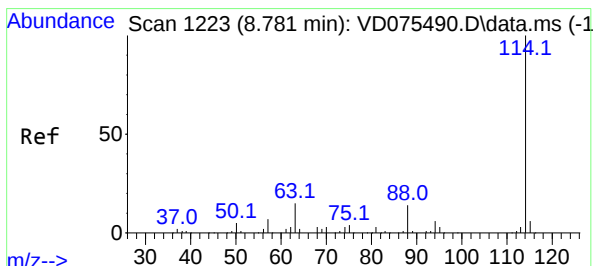
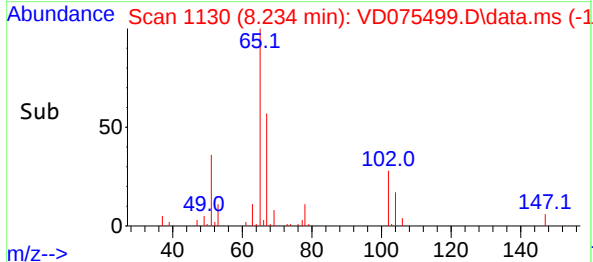
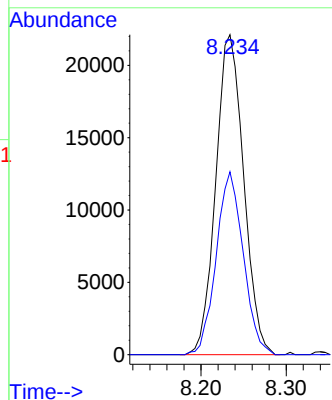
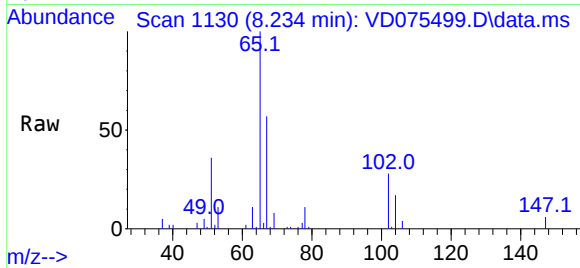
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 65 Resp: 50410

Ion Ratio Lower Upper

65 100

67 55.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

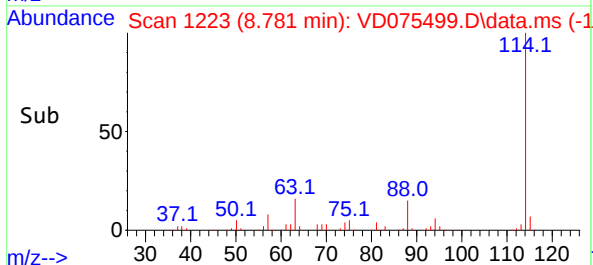
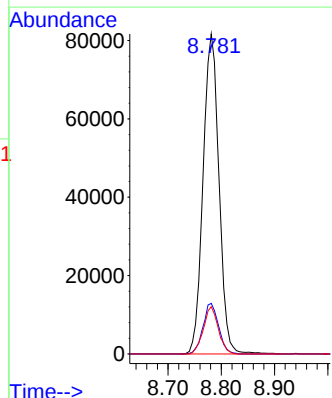
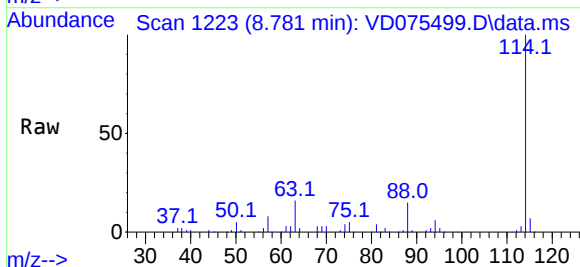
Tgt Ion: 114 Resp: 169144

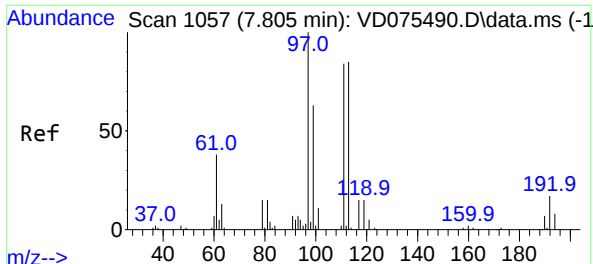
Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 14.7 0.0 30.6



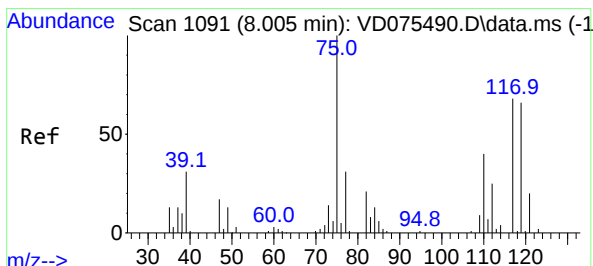
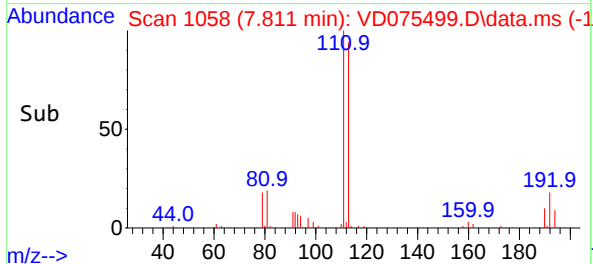
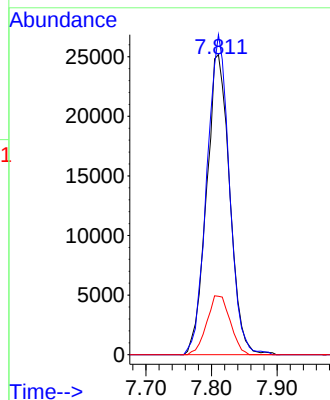
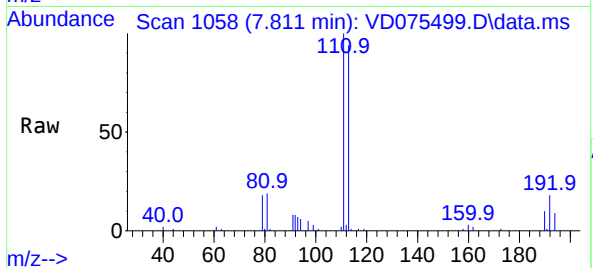


#35
Dibromofluoromethane
Concen: 53.330 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:113 Resp: 61781

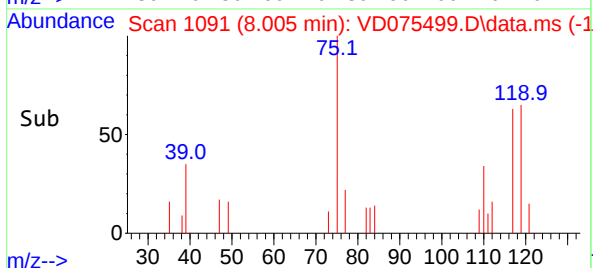
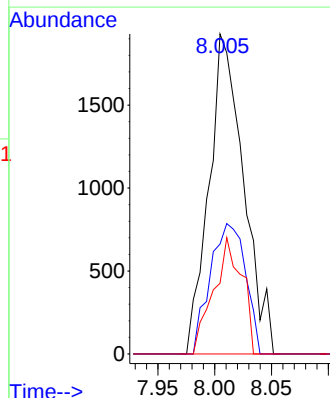
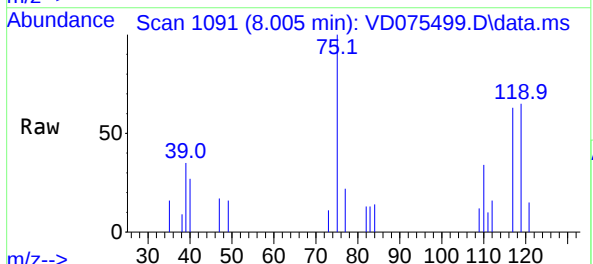
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.0
192	19.8	15.2	22.8

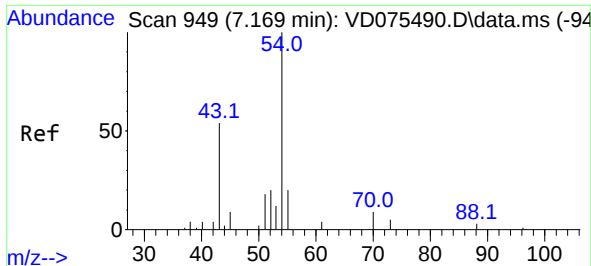


#36
1,1-Dichloropropene
Concen: 2.384 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 75 Resp: 4092

Ion	Ratio	Lower	Upper
75	100		
110	41.5	17.1	51.2
77	29.6	24.6	36.8





#37

Ethyl Acetate

Concen: 2.712 ug/l

RT: 7.164 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075499.D

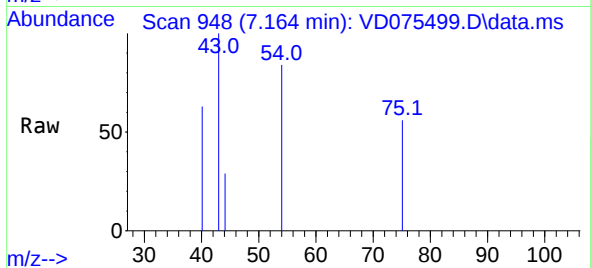
Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



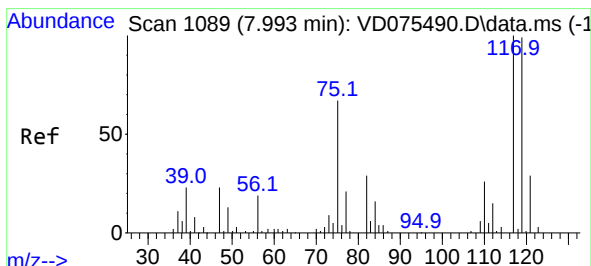
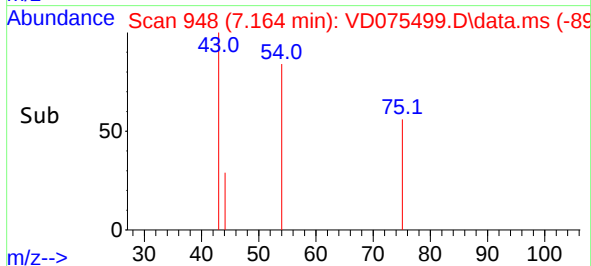
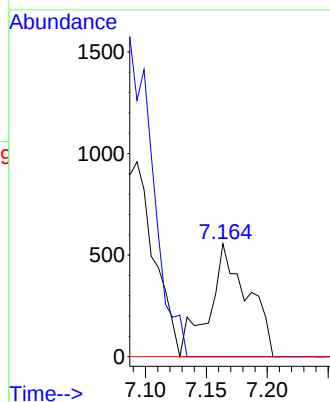
Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

70 0.0 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 2.069 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

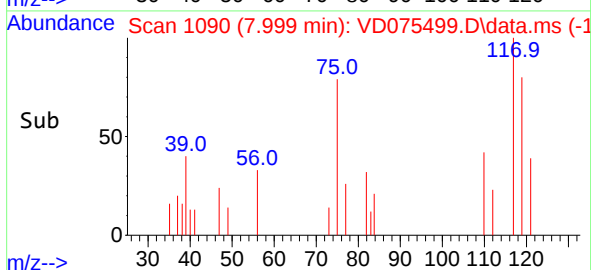
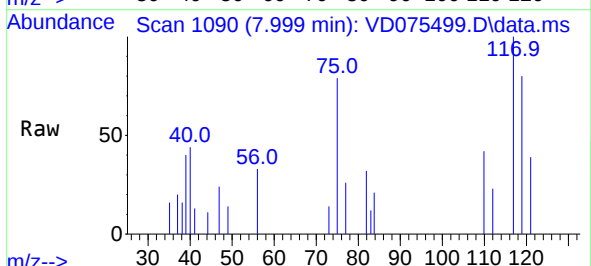
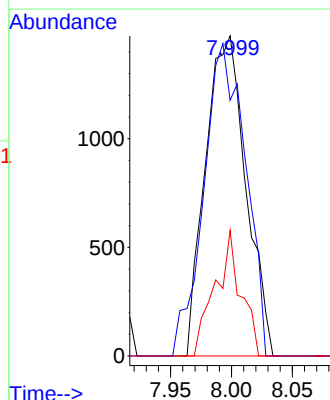
Tgt Ion:117 Resp: 3404

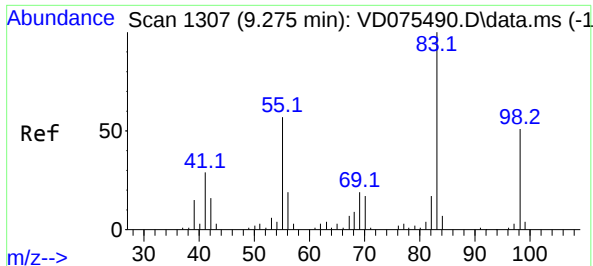
Ion Ratio Lower Upper

117 100

119 79.9 74.7 112.1

121 39.2 25.9 38.9#





#39

Methylcyclohexane

Concen: 2.220 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

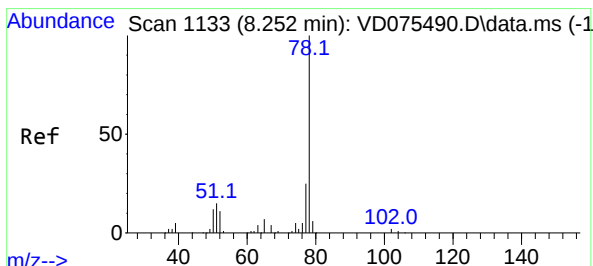
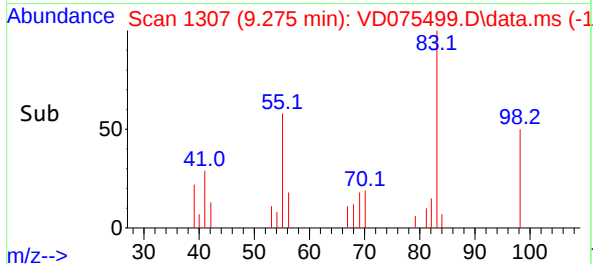
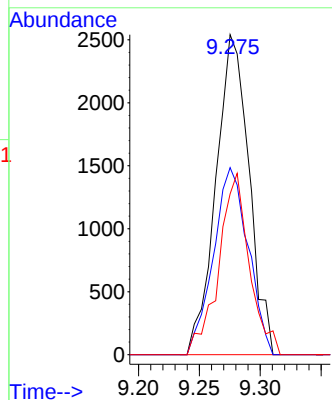
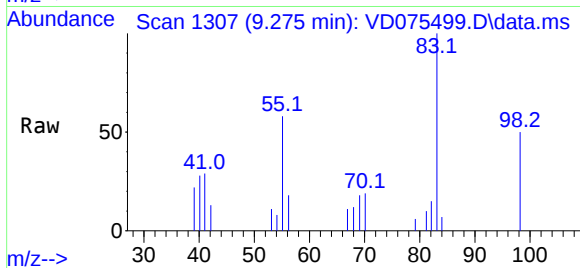
Tgt Ion: 83 Resp: 4805

Ion Ratio Lower Upper

83 100

55 58.4 56.8 85.2

98 50.3 38.9 58.3



#40

Benzene

Concen: 2.560 ug/l

RT: 8.258 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD075499.D

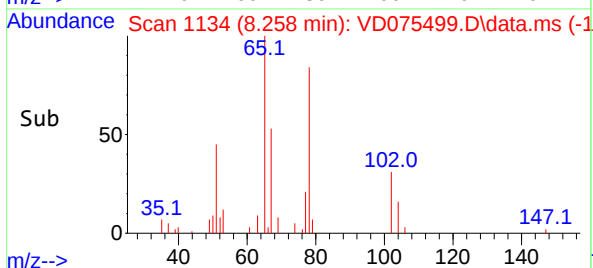
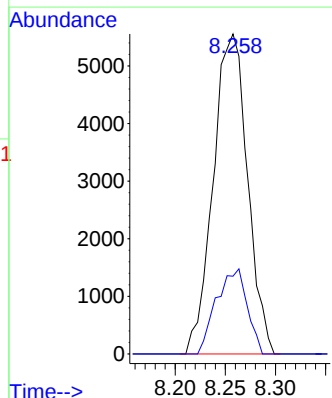
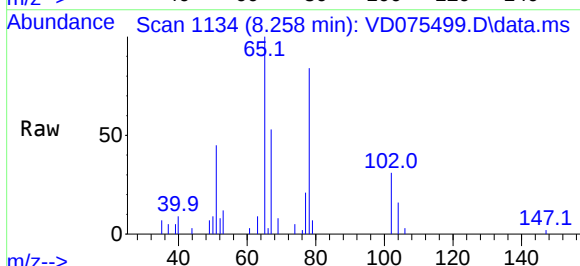
Acq: 10 Mar 2023 18:22

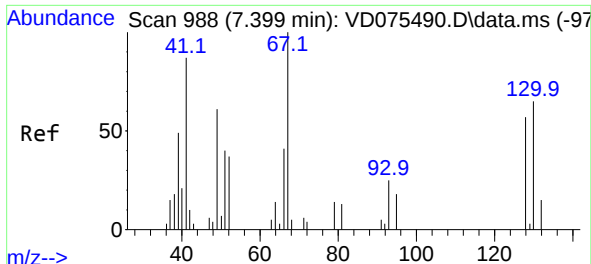
Tgt Ion: 78 Resp: 13169

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

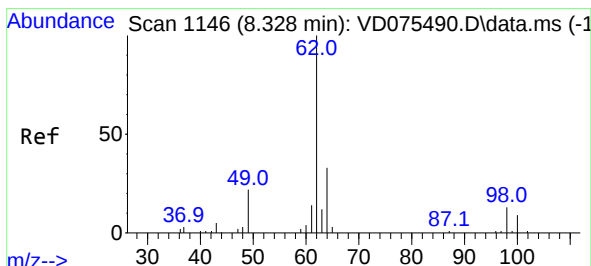
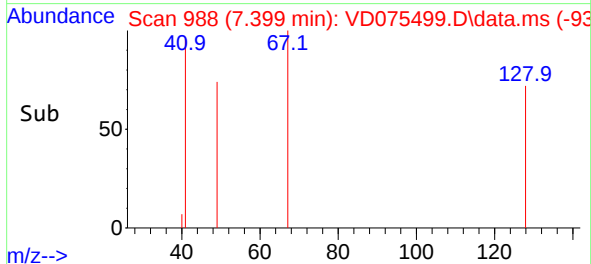
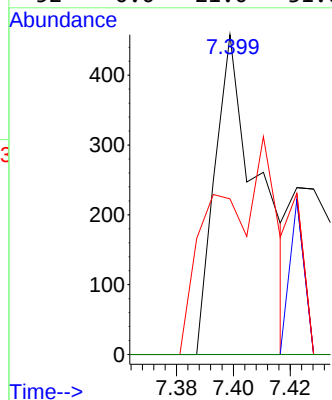
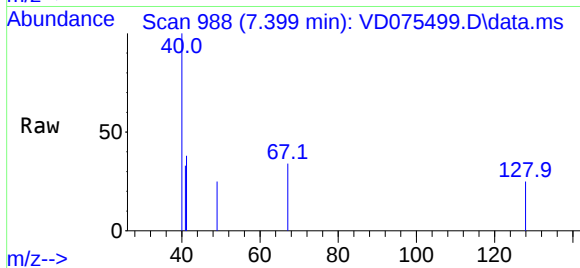




#41
Methacrylonitrile
Concen: 2.100 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

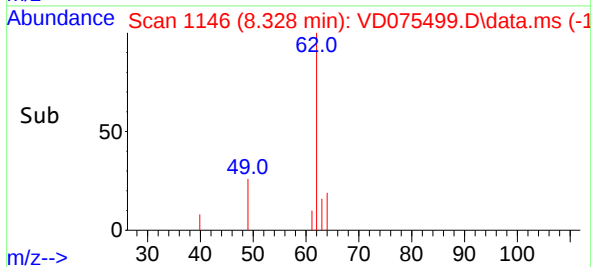
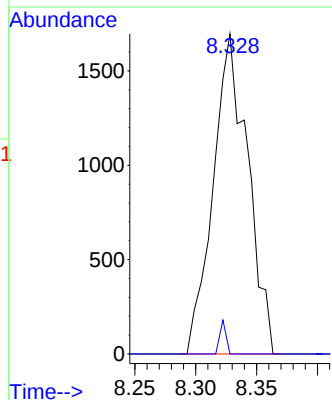
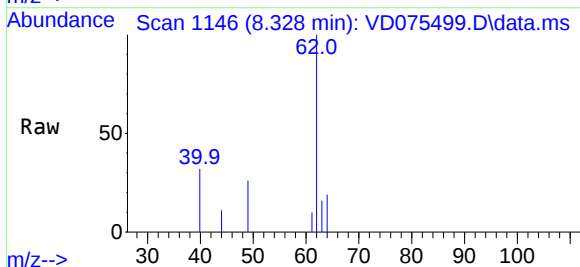
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

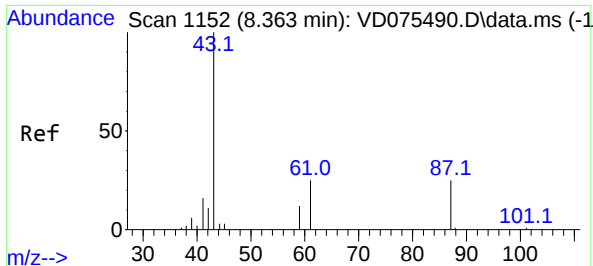
Tgt Ion: 41 Resp: 495
Ion Ratio Lower Upper
41 100
39 0.0 45.3 67.9#
67 56.2 50.5 75.7
52 0.0 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 2.962 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 62 Resp: 3355
Ion Ratio Lower Upper
62 100
98 1.9 0.0 18.8

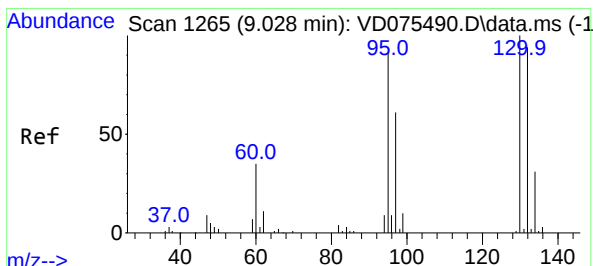
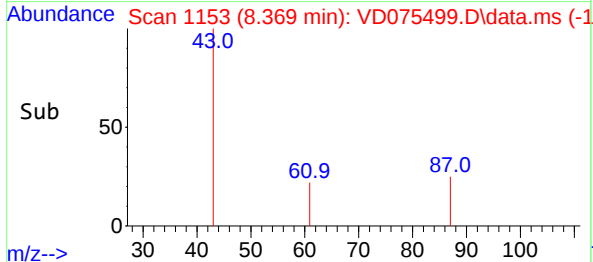
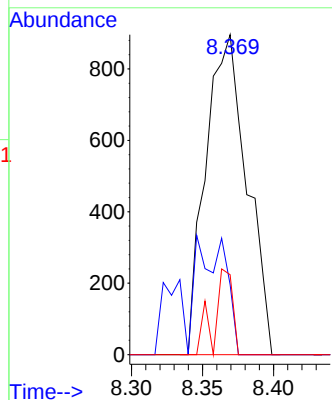
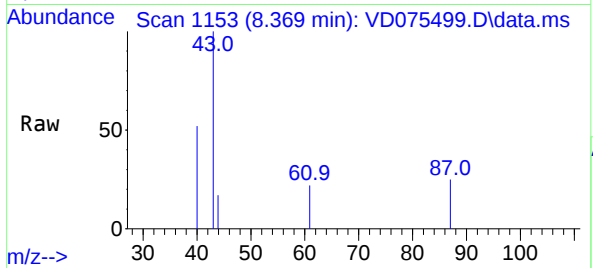




#43
Isopropyl Acetate
Concen: 2.179 ug/l
RT: 8.369 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

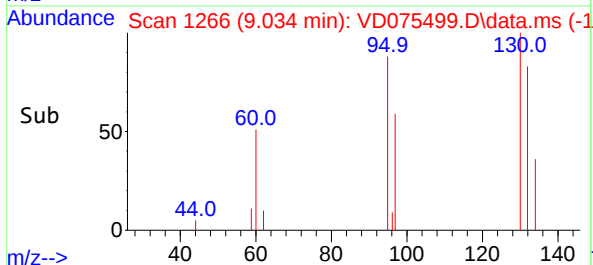
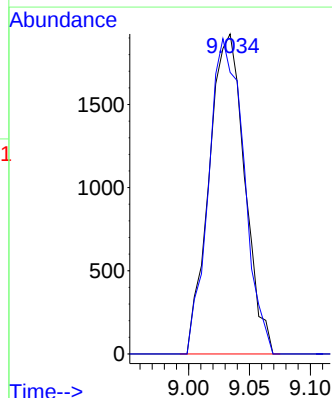
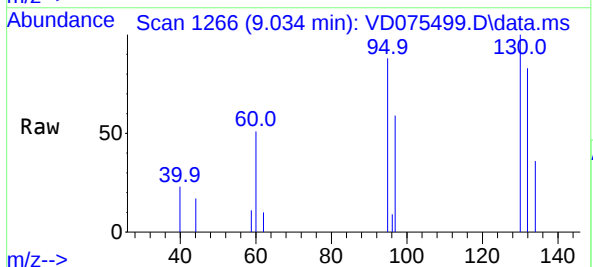
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

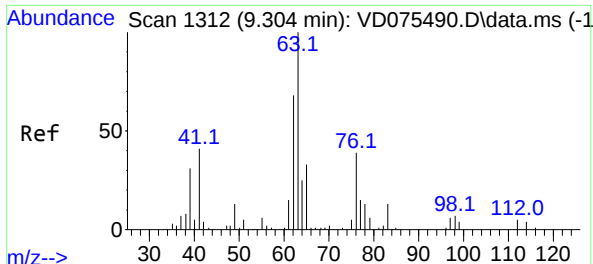
Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
61 0.0 23.4 35.0#
87 12.0 9.5 14.3



#44
Trichloroethene
Concen: 2.586 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:130 Resp: 3910
Ion Ratio Lower Upper
130 100
95 88.0 0.0 197.6

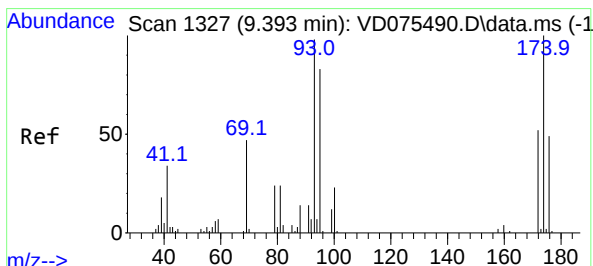
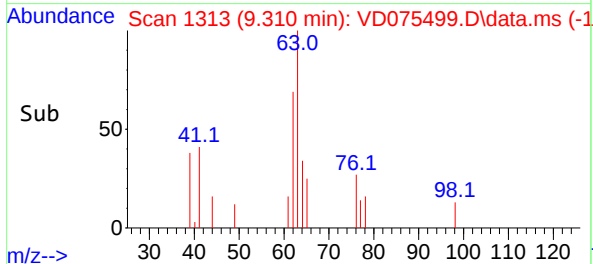
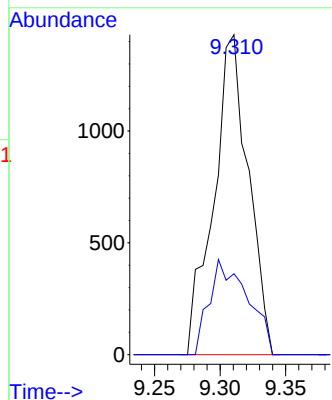
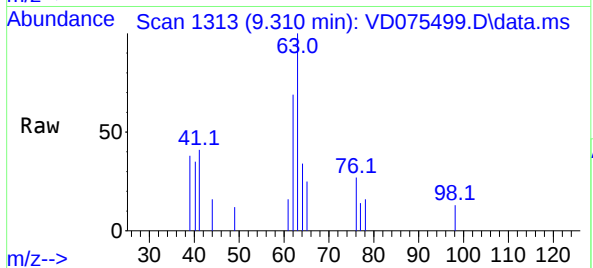




#45
1,2-Dichloropropane
Concen: 2.383 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

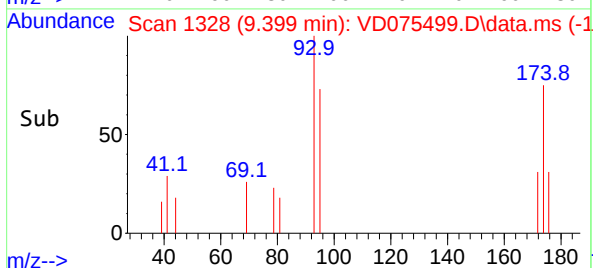
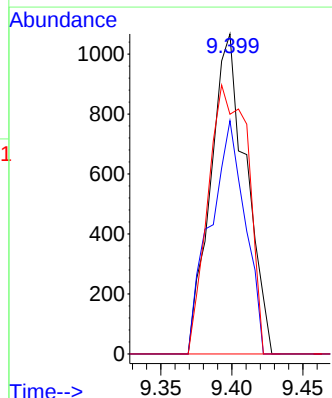
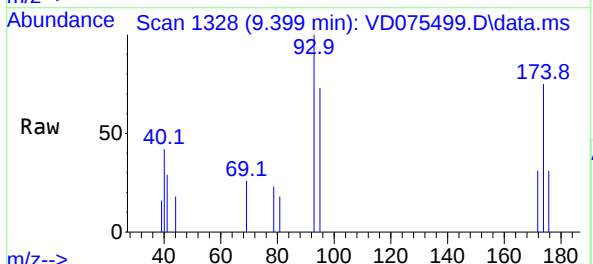
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

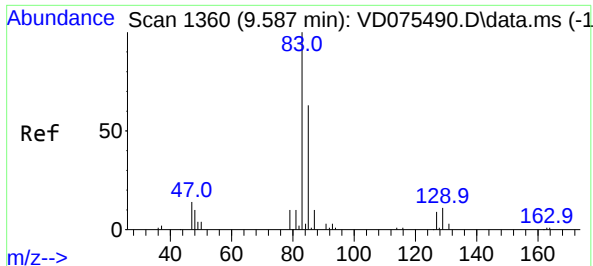
Tgt Ion: 63 Resp: 2636
Ion Ratio Lower Upper
63 100
65 25.3 23.0 34.4



#46
Dibromomethane
Concen: 2.718 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 93 Resp: 1853
Ion Ratio Lower Upper
93 100
95 72.0 64.5 96.7
174 94.4 76.2 114.4

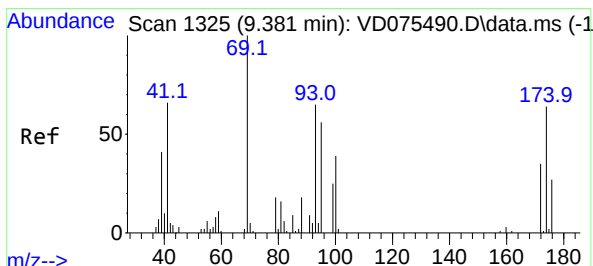
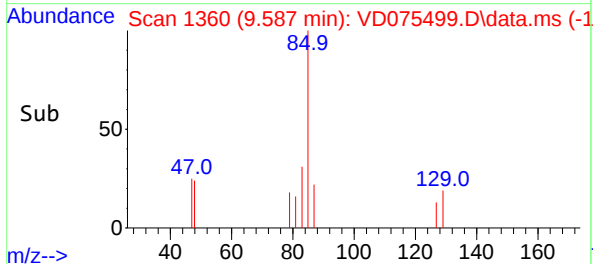
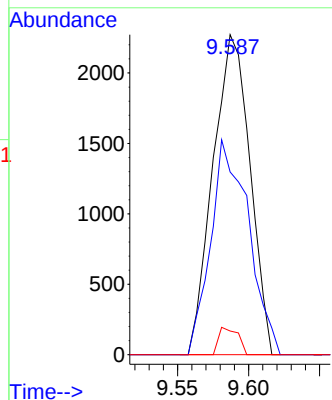
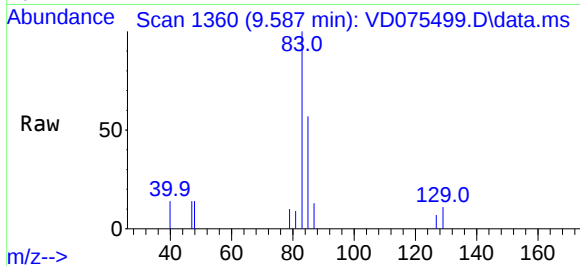




#47
Bromodichloromethane
Concen: 2.497 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

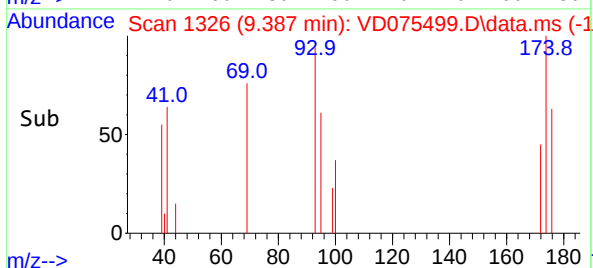
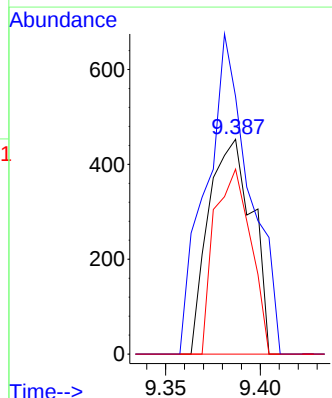
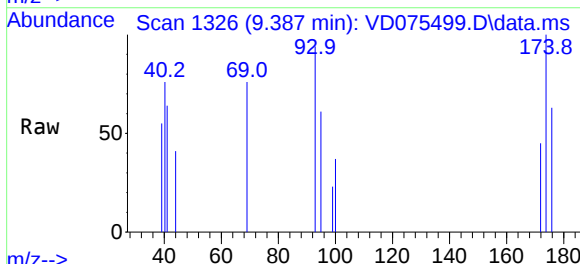
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

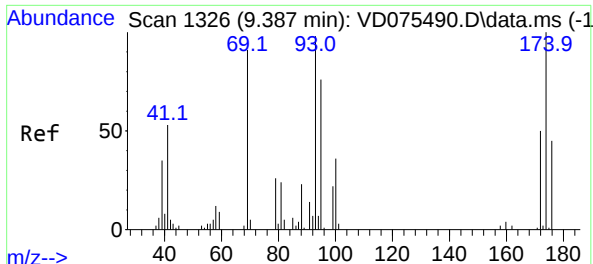
Tgt Ion: 83	Resp: 4121
Ion Ratio	Lower Upper
83 100	
85 57.1	53.7 80.5
127 7.4	7.0 10.6



#48
Methyl methacrylate
Concen: 1.862 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

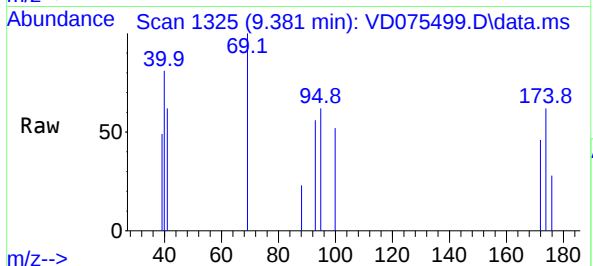
Tgt Ion: 41	Resp: 724		
Ion Ratio	Lower	Upper	
41 100			
69 149.7	58.6	88.0#	
39 72.0	53.4	80.0	



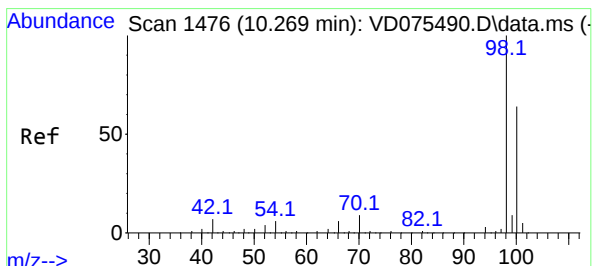
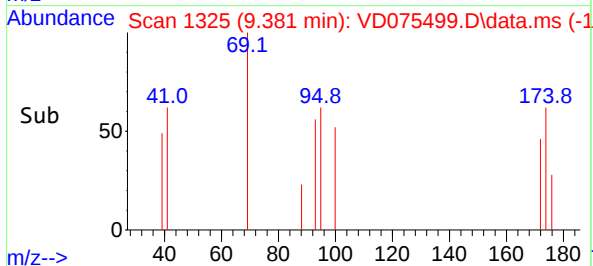
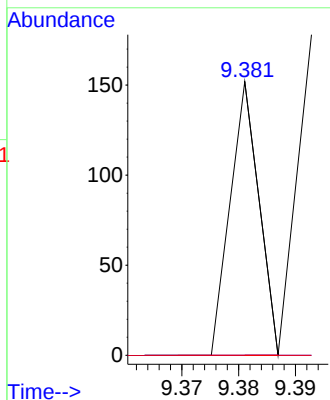


#49
1,4-Dioxane
Concen: 8.732 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

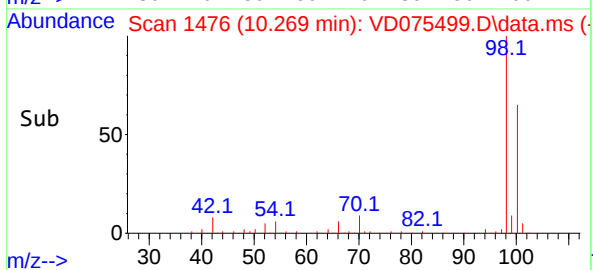
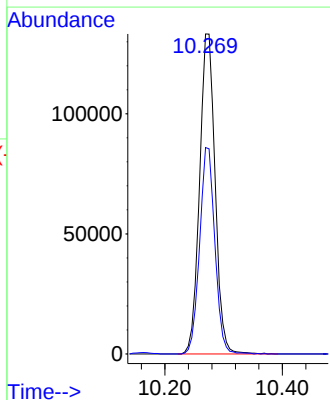
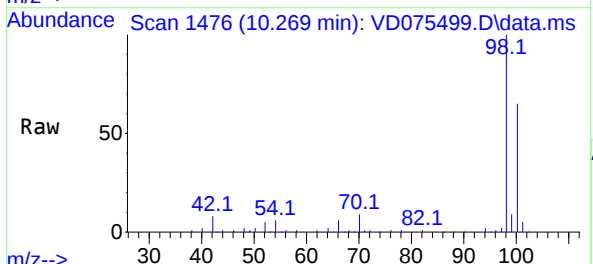


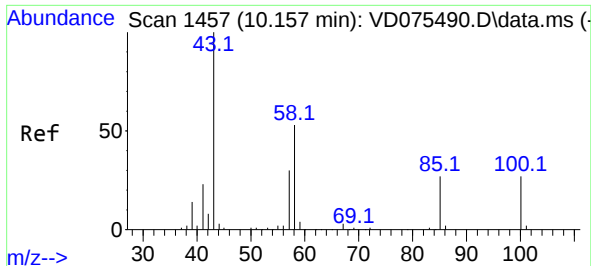
Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 34.6 51.8#
58 0.0 58.0 87.0#



#50
Toluene-d8
Concen: 53.616 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 98 Resp: 245370
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

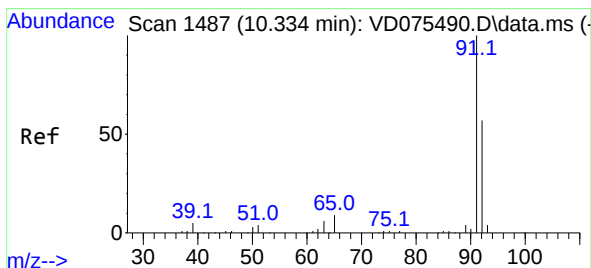
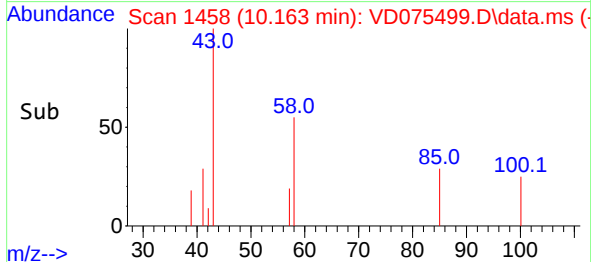
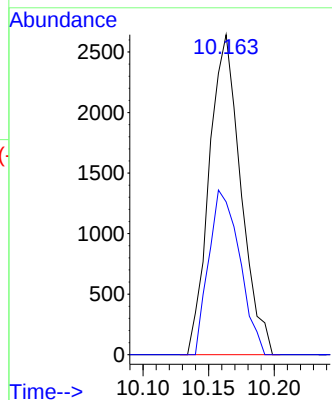
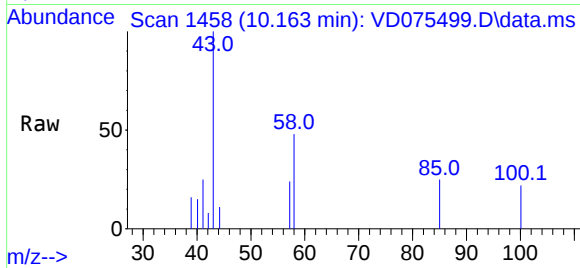




#51
4-Methyl-2-Pentanone
Concen: 10.284 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

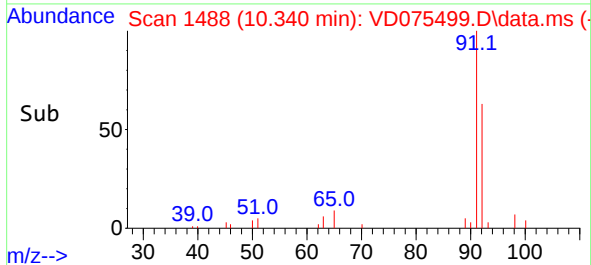
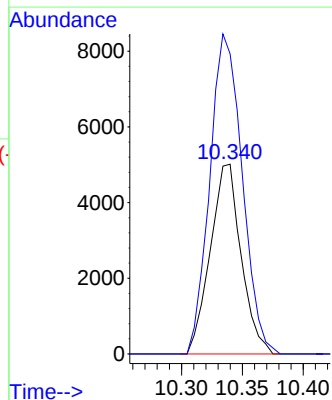
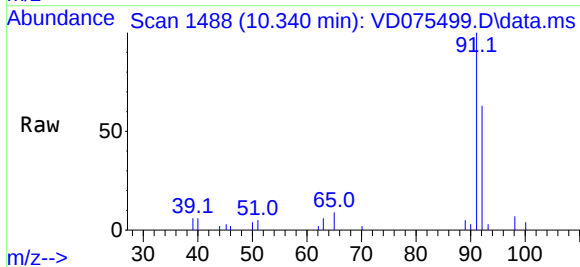
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

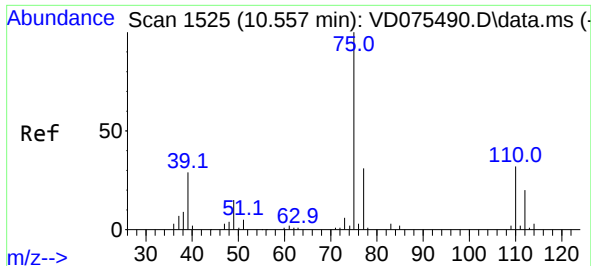
Tgt Ion: 43 Resp: 4427
Ion Ratio Lower Upper
43 100
58 50.3 29.5 44.3#



#52
Toluene
Concen: 2.648 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 92 Resp: 8830
Ion Ratio Lower Upper
92 100
91 177.3 136.5 204.7

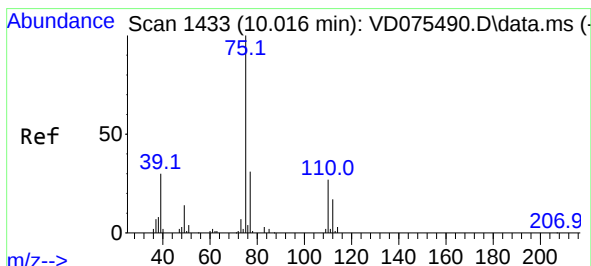
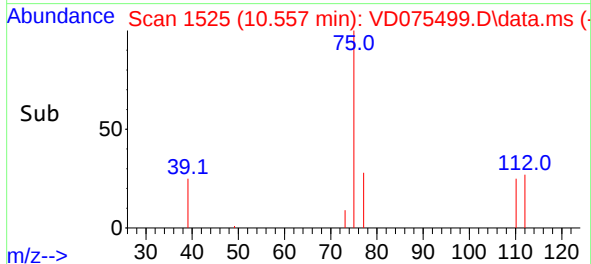
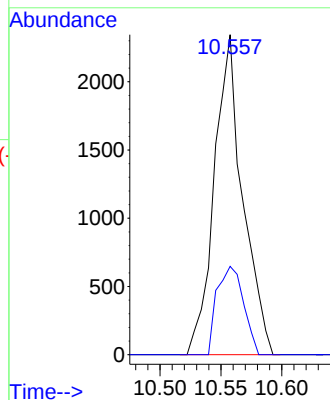
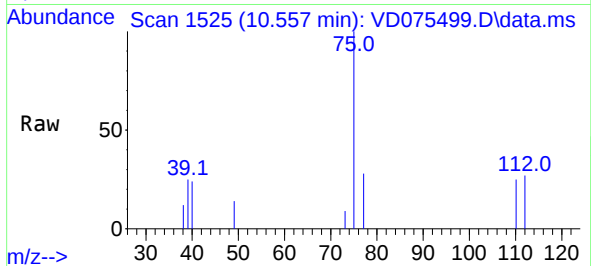




#53
t-1,3-Dichloropropene
Concen: 2.566 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

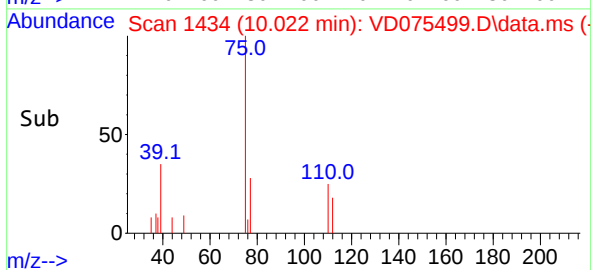
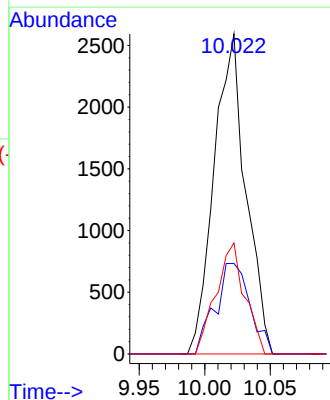
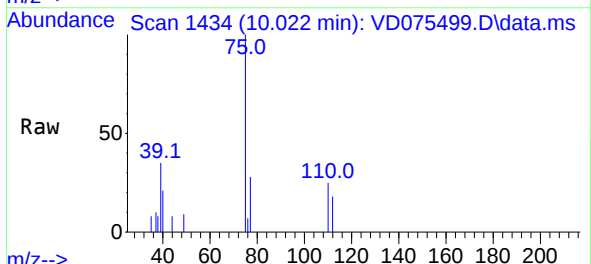
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

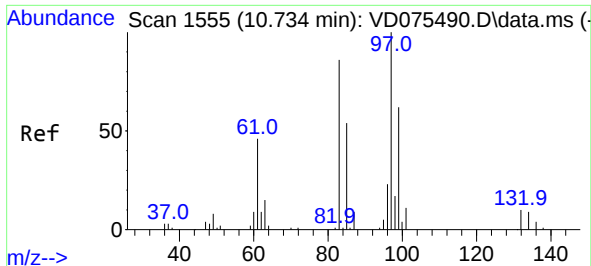
Tgt Ion: 75 Resp: 3810
Ion Ratio Lower Upper
75 100
77 27.6 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 2.395 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 75 Resp: 4367
Ion Ratio Lower Upper
75 100
77 28.3 25.6 38.4
39 34.7 44.8 67.2#

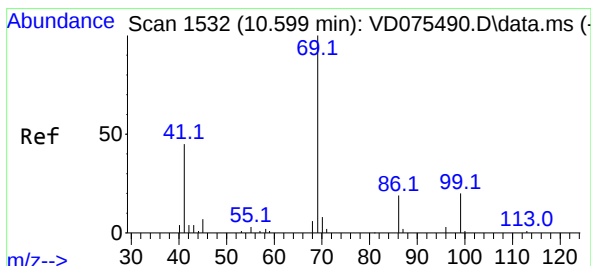
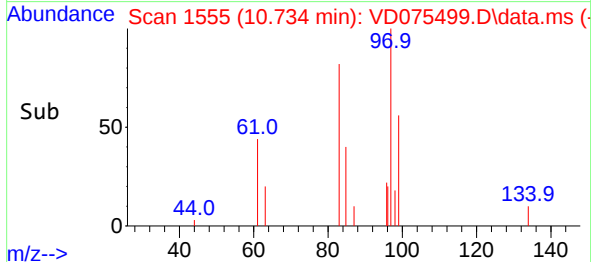
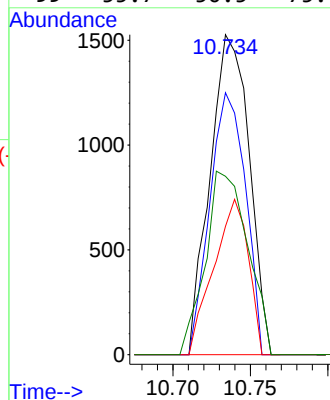
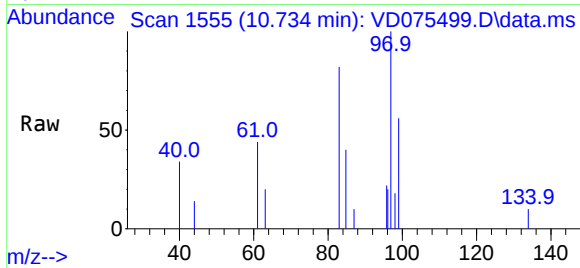




#55
1,1,2-Trichloroethane
Concen: 2.787 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

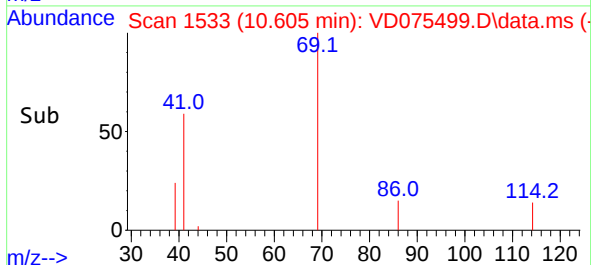
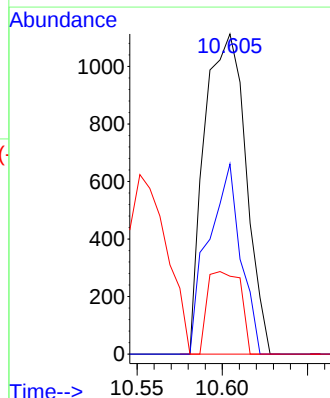
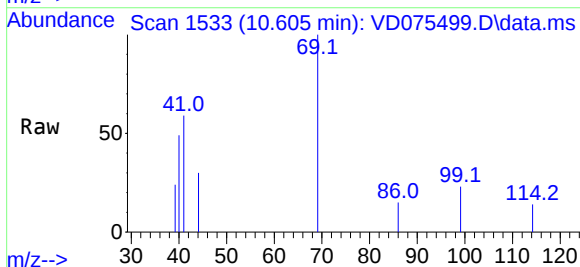
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

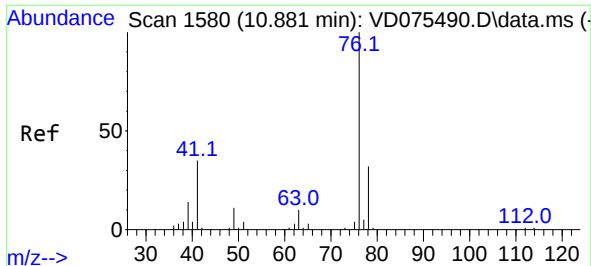
Tgt Ion:	97	Resp:	2690
Ion	Ratio	Lower	Upper
97	100		
83	81.9	74.2	111.4
85	40.1	45.4	68.0#
99	55.7	50.5	75.7



#56
Ethyl methacrylate
Concen: 2.046 ug/l
RT: 10.605 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:	69	Resp:	1880
Ion	Ratio	Lower	Upper
69	100		
41	46.6	59.3	88.9#
39	20.6	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 2.584 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

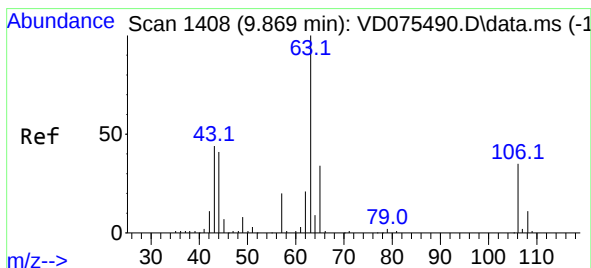
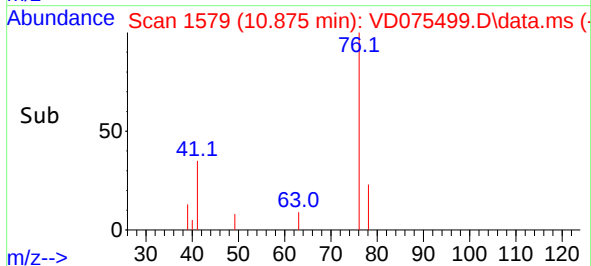
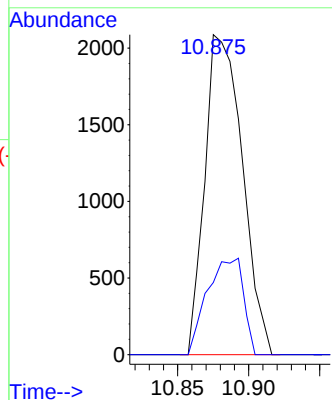
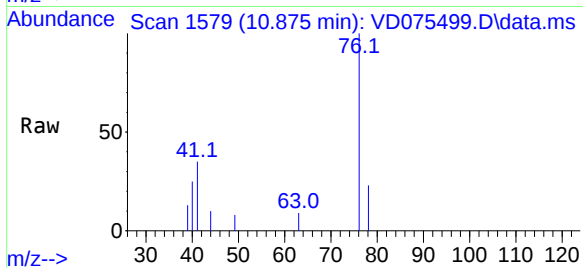
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 76 Resp: 3837

Ion Ratio Lower Upper

76 100

78 28.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 10.445 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075499.D

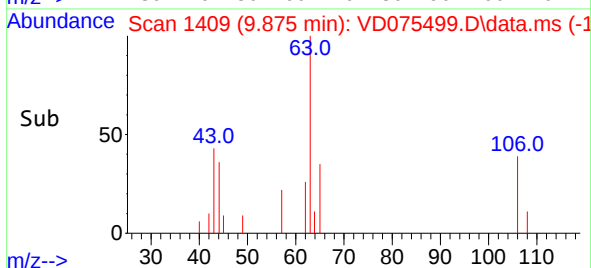
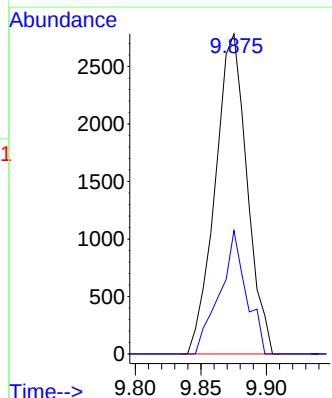
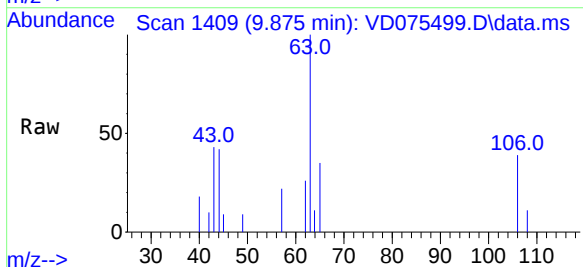
Acq: 10 Mar 2023 18:22

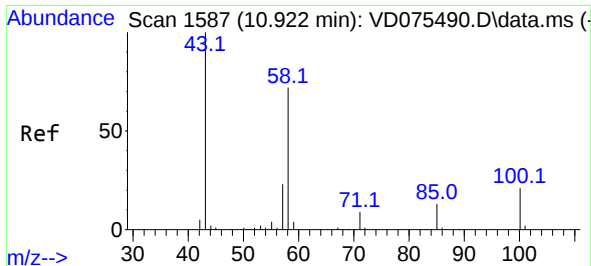
Tgt Ion: 63 Resp: 4697

Ion Ratio Lower Upper

63 100

106 32.0 21.4 32.2

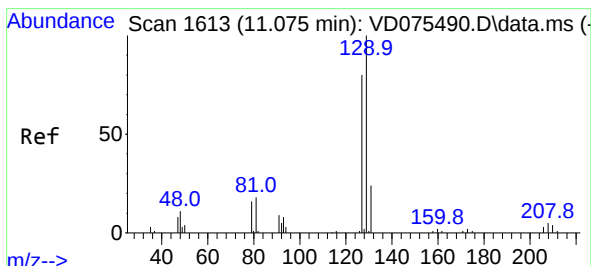
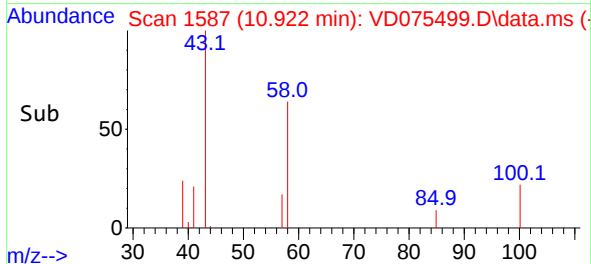
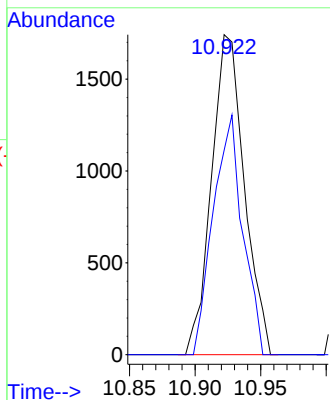
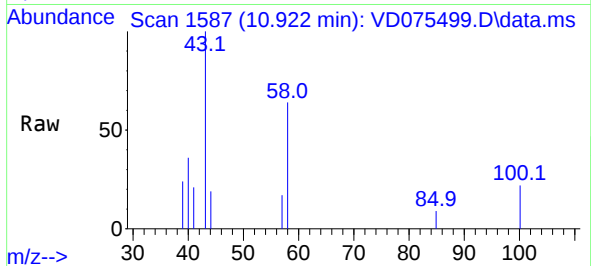




#59
2-Hexanone
Concen: 9.977 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

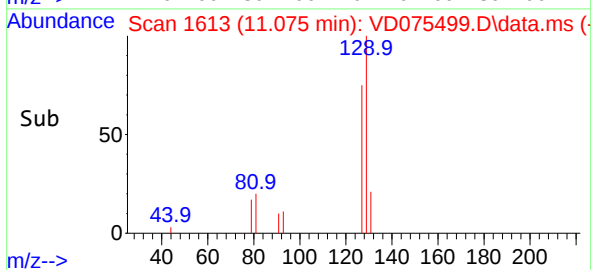
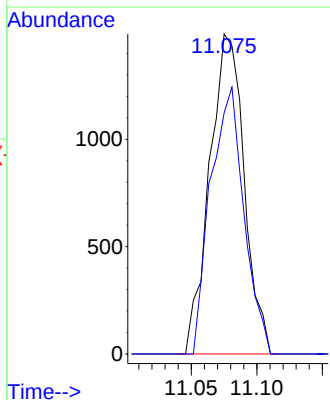
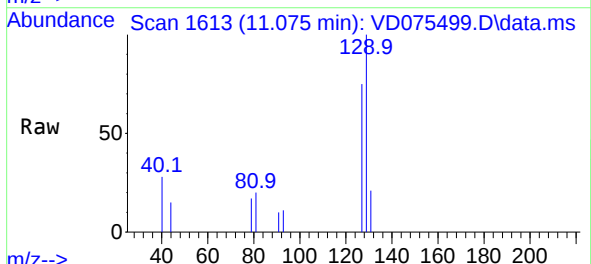
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

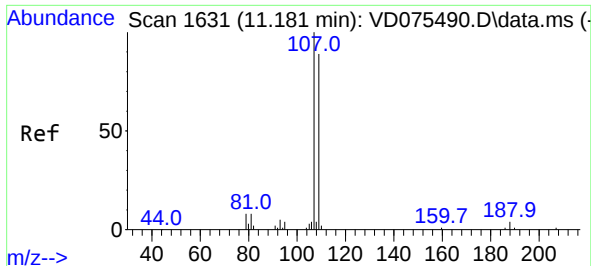
Tgt Ion: 43 Resp: 3037
Ion Ratio Lower Upper
43 100
58 67.2 25.3 75.8



#60
Dibromochloromethane
Concen: 2.395 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 129 Resp: 2731
Ion Ratio Lower Upper
129 100
127 80.1 38.1 114.5

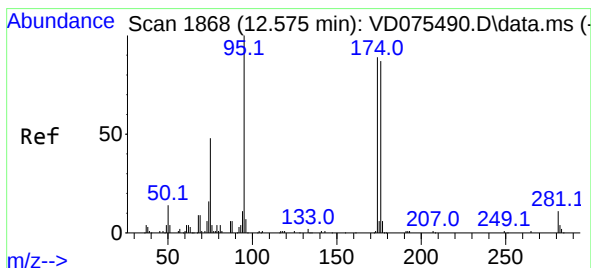
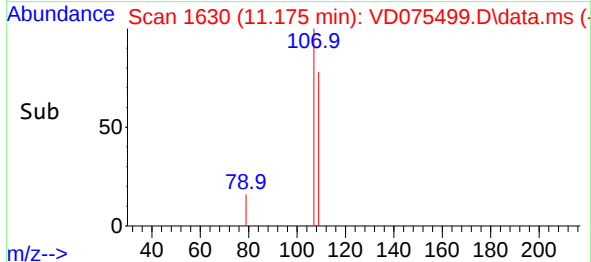
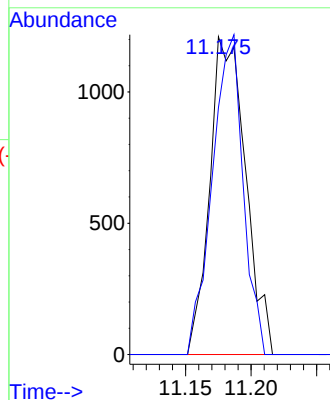
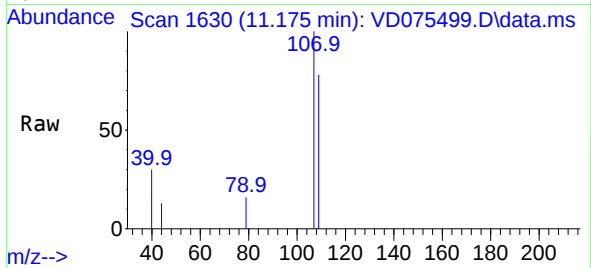




#61
1,2-Dibromoethane
Concen: 2.525 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

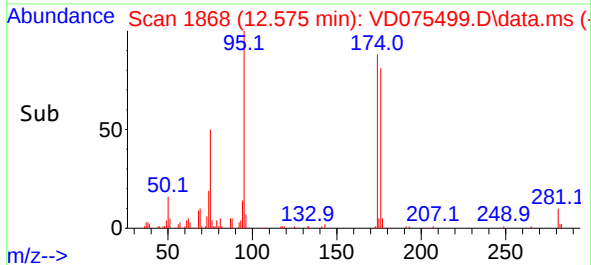
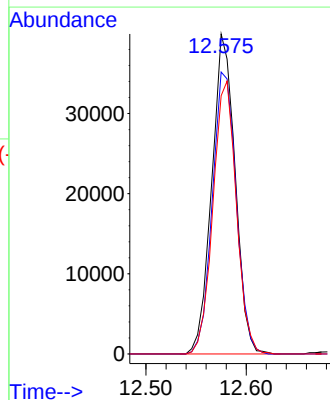
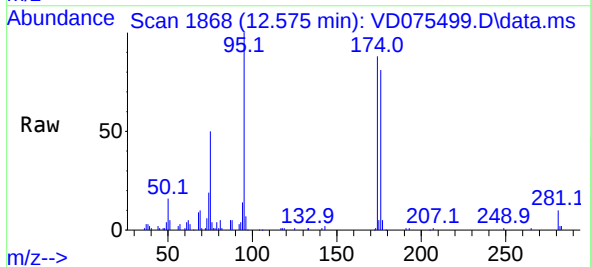
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

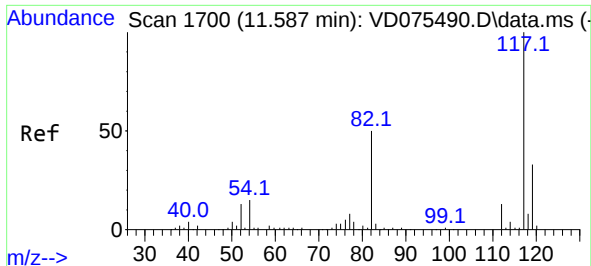
Tgt Ion:107 Resp: 2295
Ion Ratio Lower Upper
107 100
109 86.7 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 48.688 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 95 Resp: 64413
Ion Ratio Lower Upper
95 100
174 90.0 0.0 164.0
176 85.4 0.0 156.8

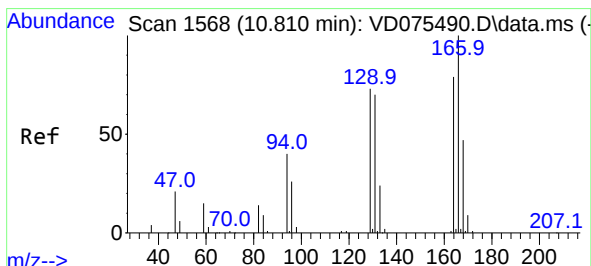
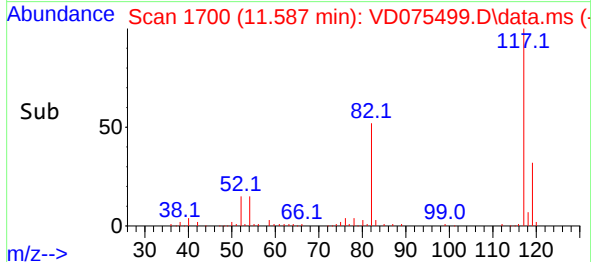
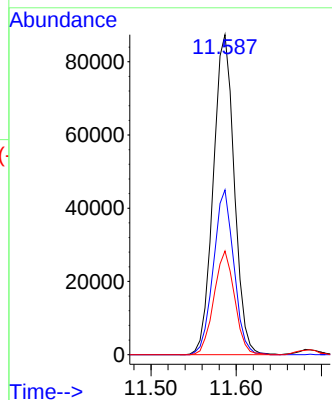
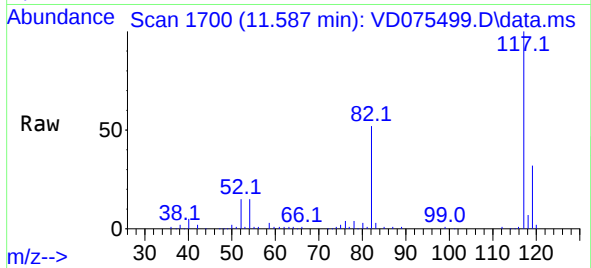




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

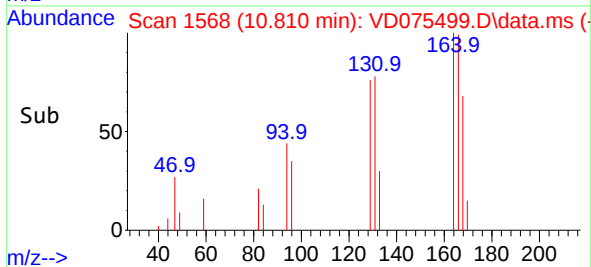
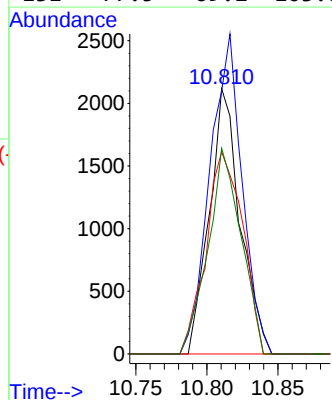
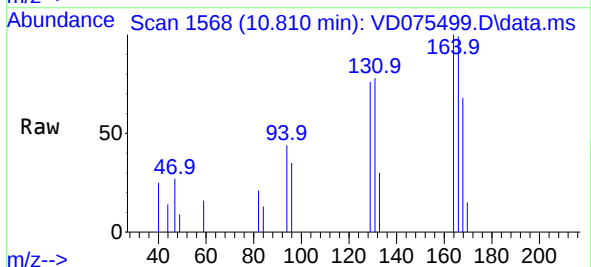
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

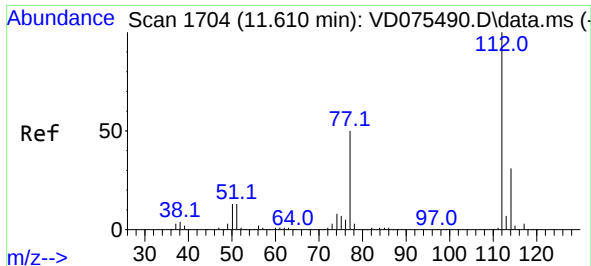
Tgt Ion:117 Resp: 149367
Ion Ratio Lower Upper
117 100
82 51.5 44.0 66.0
119 32.4 25.1 37.7



#64
Tetrachloroethene
Concen: 2.720 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:164 Resp: 3206
Ion Ratio Lower Upper
164 100
166 99.1 94.9 142.3
129 76.2 73.0 109.6
131 77.5 69.2 103.8

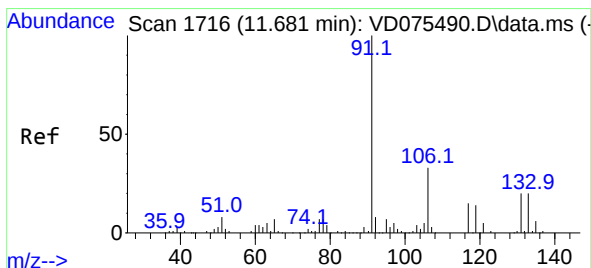
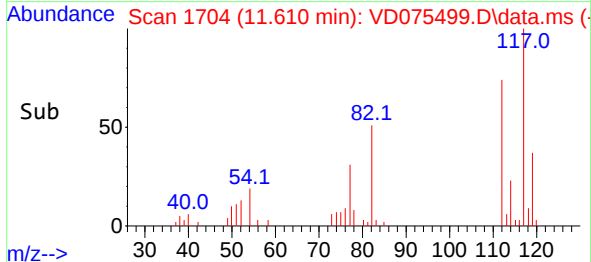
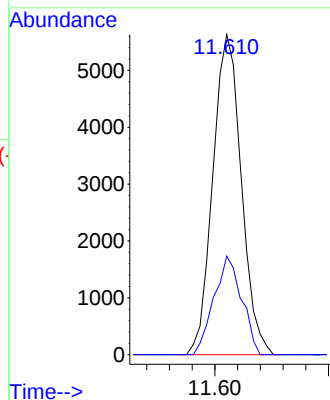
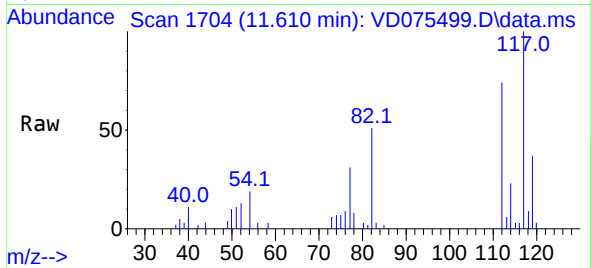




#65
Chlorobenzene
Concen: 2.764 ug/l
RT: 11.610 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

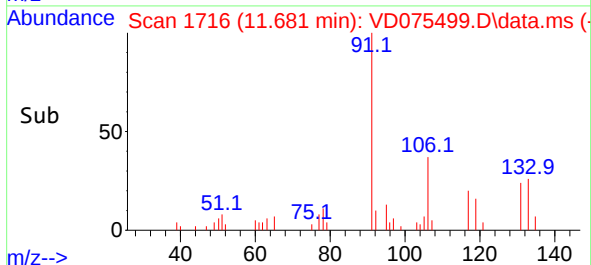
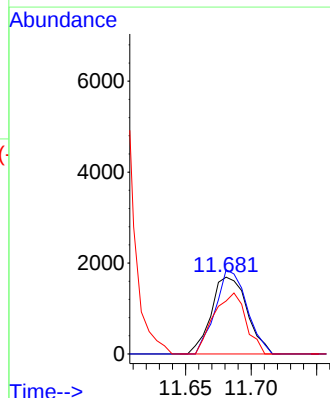
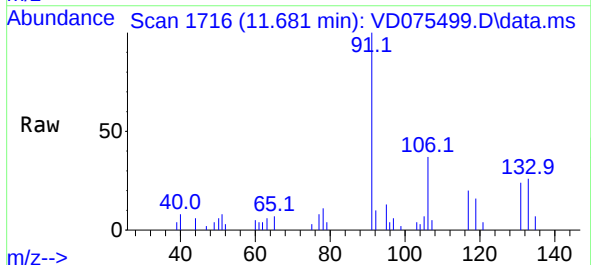
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

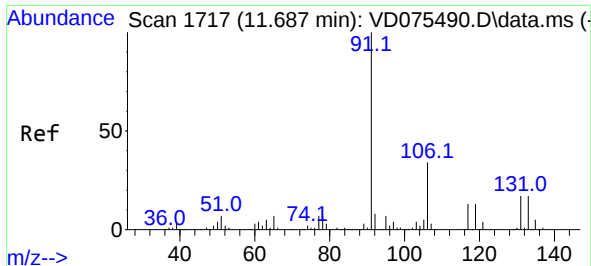
Tgt Ion:112 Resp: 9790
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 2.646 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:131 Resp: 3211
Ion Ratio Lower Upper
131 100
133 96.4 46.7 140.0
119 71.2 31.9 95.9





#67

Ethyl Benzene

Concen: 2.449 ug/l

RT: 11.693 min Scan# 1718

Delta R.T. 0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

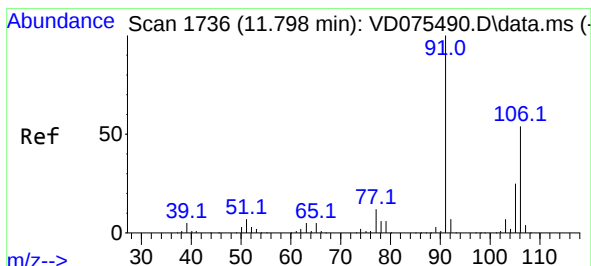
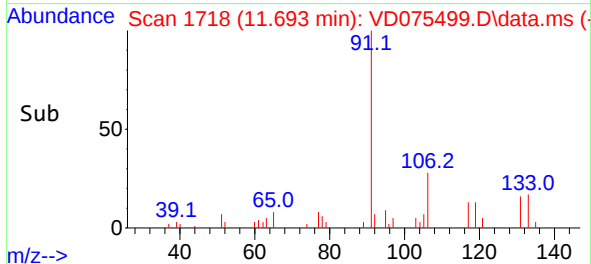
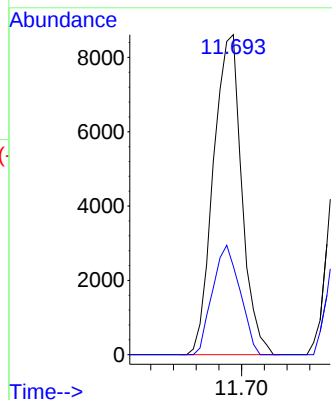
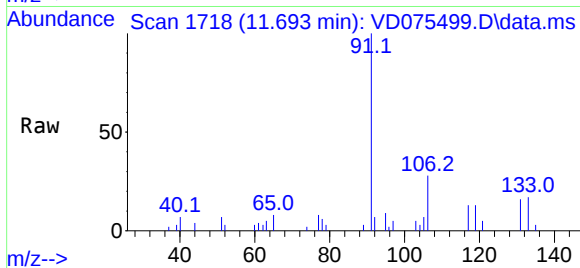
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 91 Resp: 14939

Ion Ratio Lower Upper

91 100

106 27.7 24.5 36.7



#68

m/p-Xylenes

Concen: 4.559 ug/l

RT: 11.799 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VD075499.D

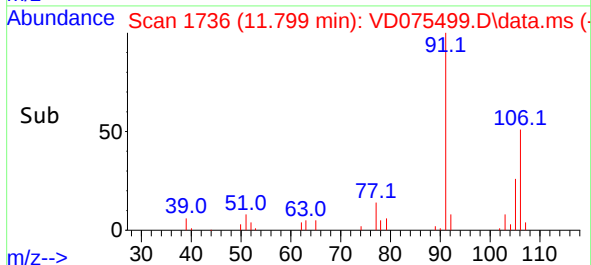
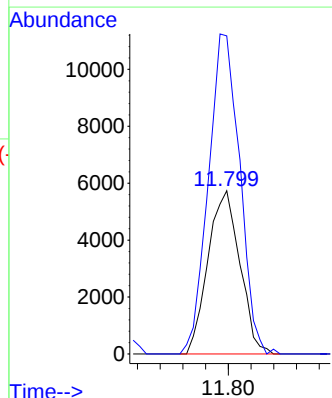
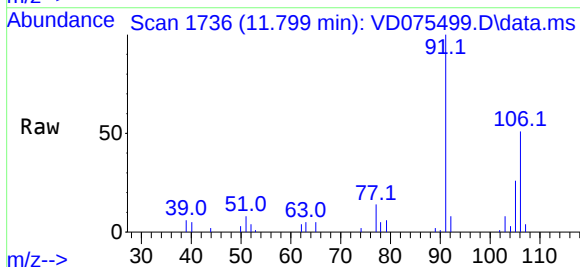
Acq: 10 Mar 2023 18:22

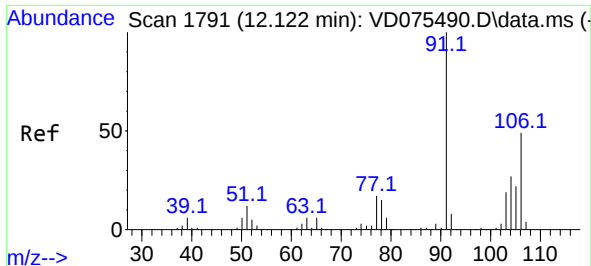
Tgt Ion: 106 Resp: 11178

Ion Ratio Lower Upper

106 100

91 193.0 161.5 242.3

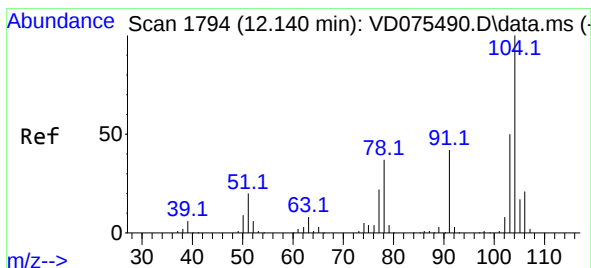
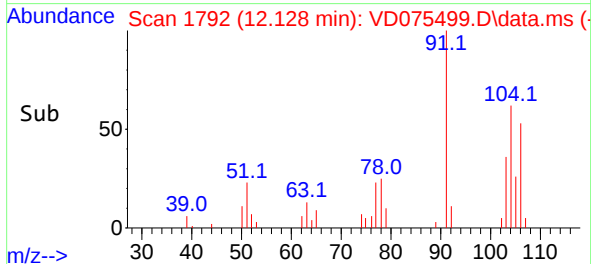
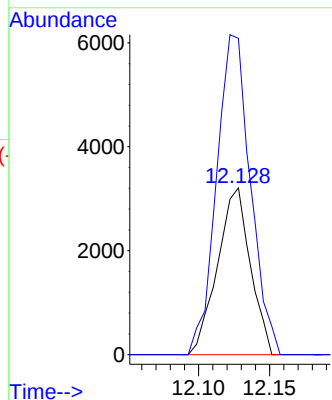
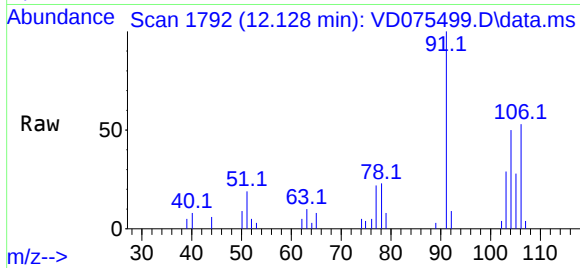




#69
o-Xylene
Concen: 2.263 ug/l
RT: 12.128 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

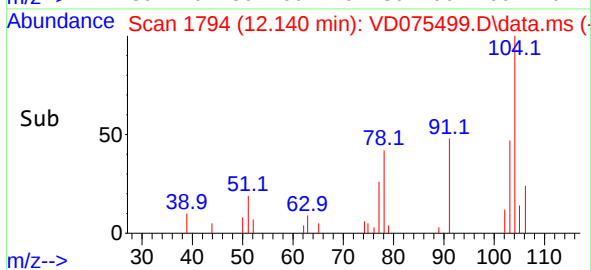
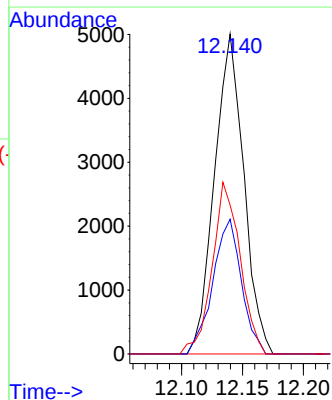
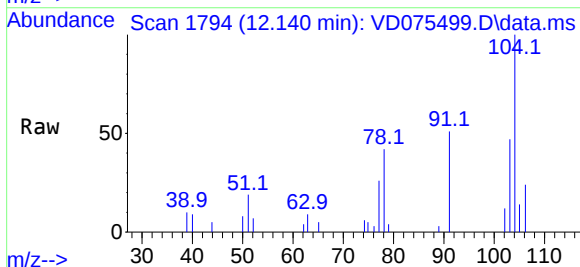
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

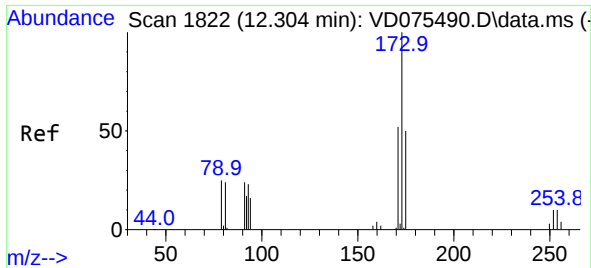
Tgt Ion:106 Resp: 5154
Ion Ratio Lower Upper
106 100
91 198.2 105.7 317.1



#70
Styrene
Concen: 2.210 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:104 Resp: 8373
Ion Ratio Lower Upper
104 100
78 41.2 40.2 60.4
103 51.1 44.2 66.2

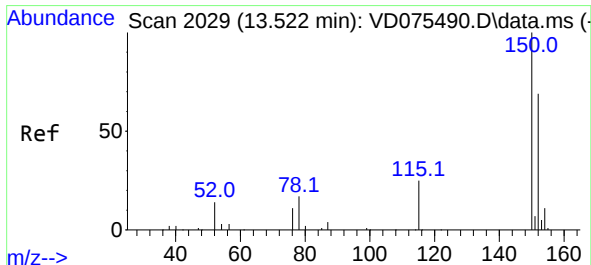
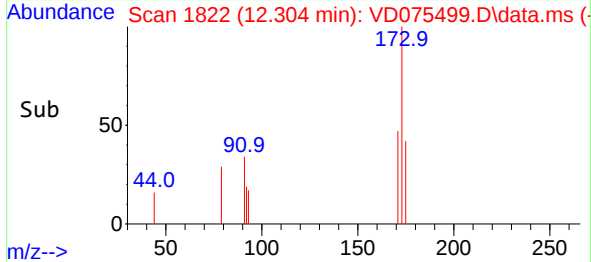
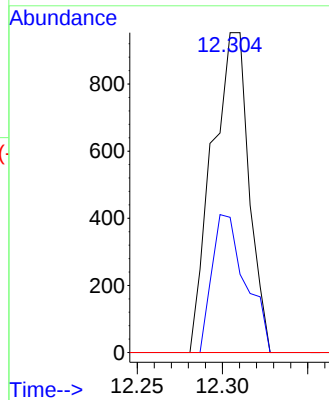
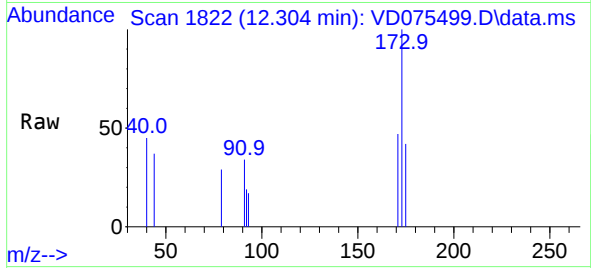




#71
Bromoform
Concen: 2.316 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

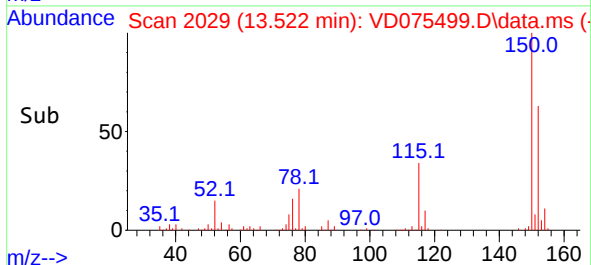
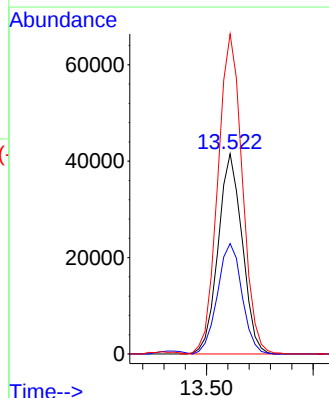
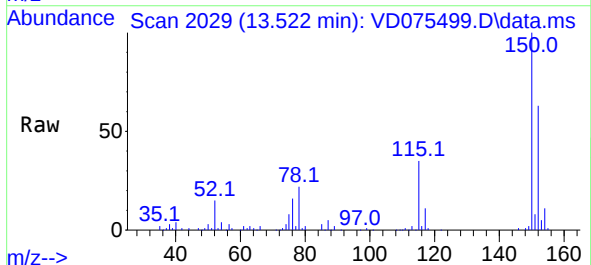
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

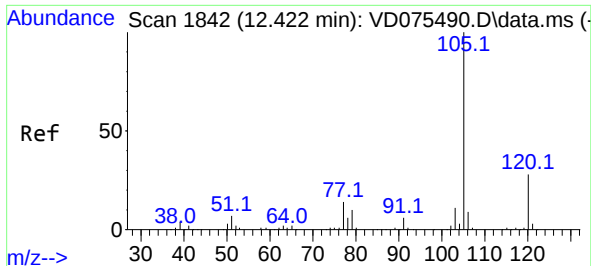
Tgt Ion:	173	Resp:	1435
Ion Ratio	Lower	Upper	
173	100		
175	39.3	23.5	70.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:	152	Resp:	65129
Ion Ratio	Lower	Upper	
152	100		
115	56.1	30.1	90.3
150	162.4	0.0	364.8

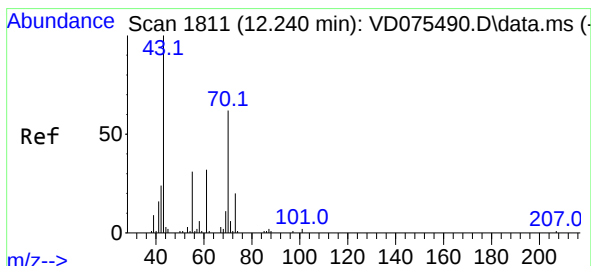
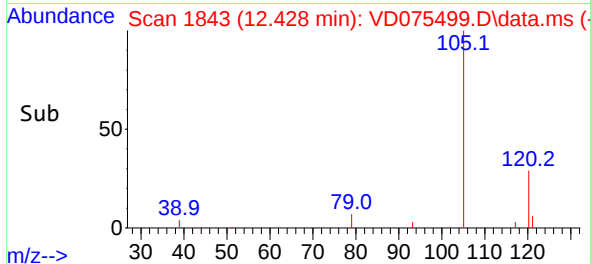
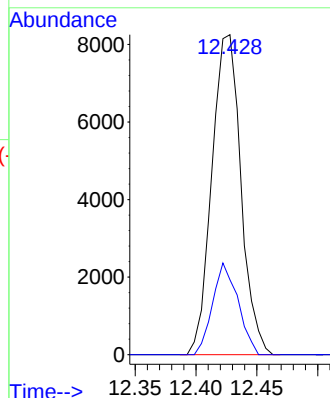
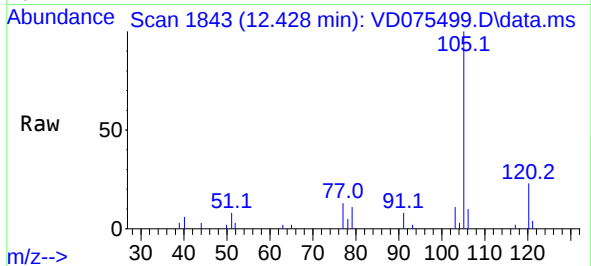




#73
Isopropylbenzene
Concen: 2.630 ug/l
RT: 12.428 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

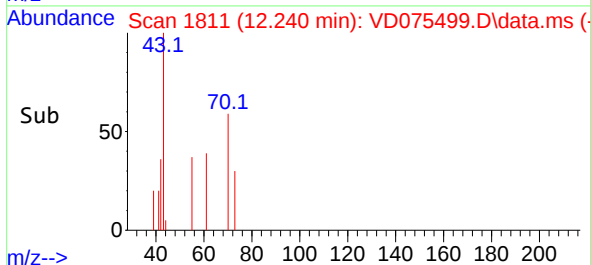
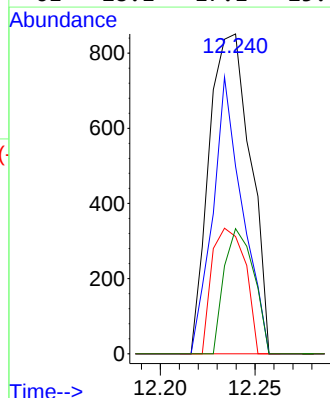
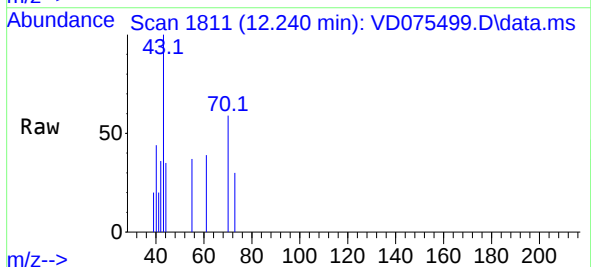
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

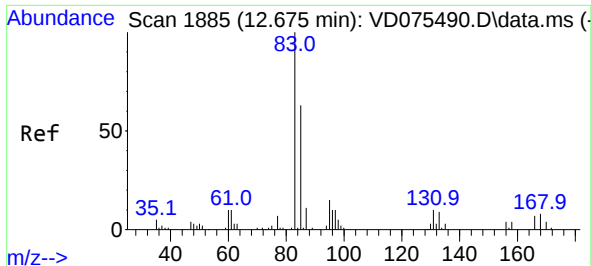
Tgt Ion:105 Resp: 13717
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1



#74
N-ethyl acetate
Concen: 2.000 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
70 62.4 31.0 46.4#
55 31.7 18.6 28.0#
61 28.1 17.1 25.7#

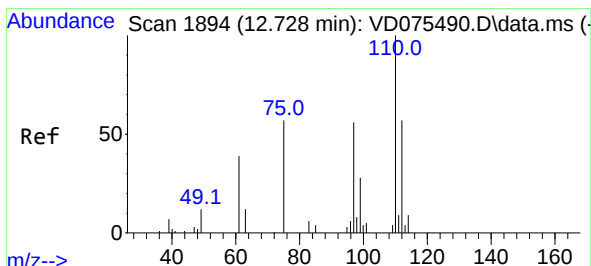
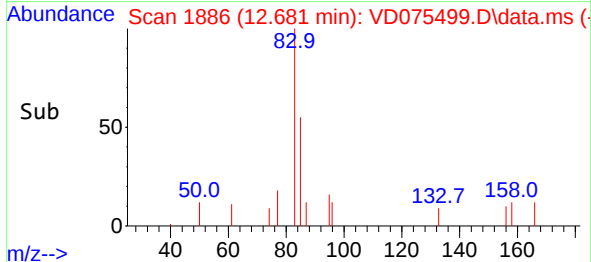
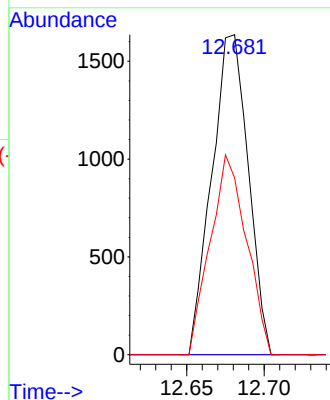
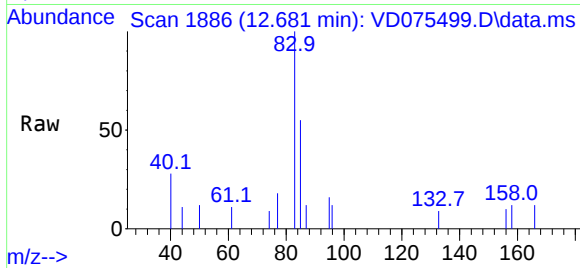




#75
1,1,2,2-Tetrachloroethane
Concen: 3.031 ug/l
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

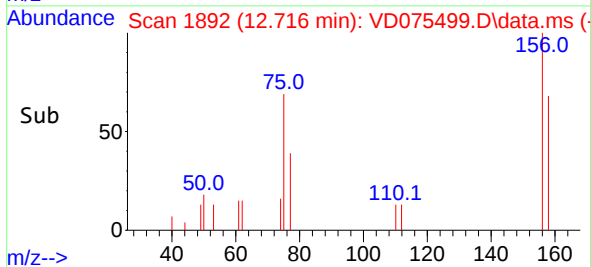
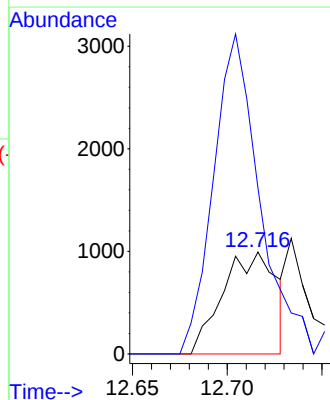
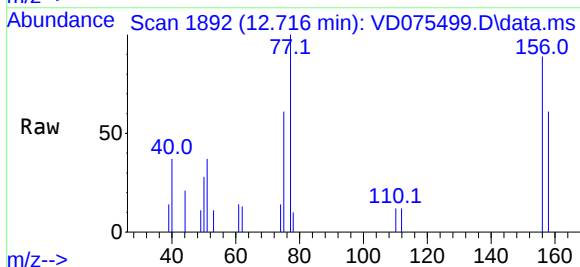
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

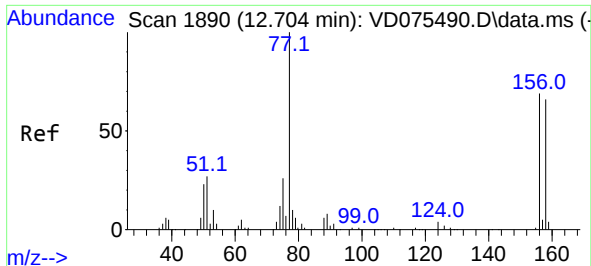
Tgt Ion: 83 Resp: 2681
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.2#
85 62.0 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 3.647 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.012 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 75 Resp: 1948
Ion Ratio Lower Upper
75 100
77 271.4 0.0 0.0#

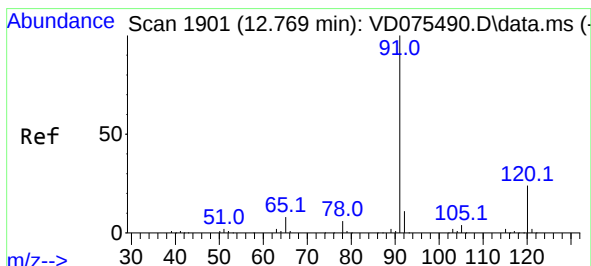
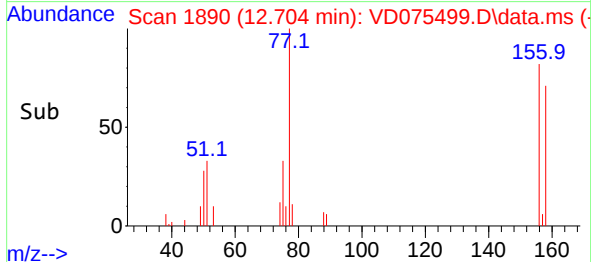
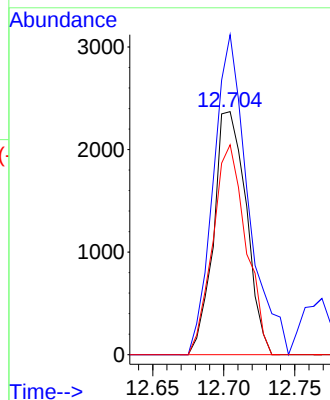
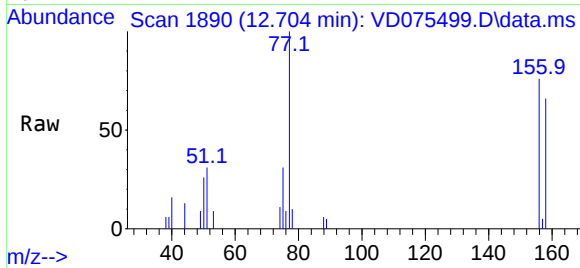




#77
Bromobenzene
Concen: 3.045 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

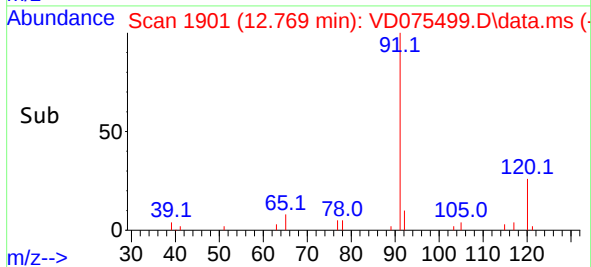
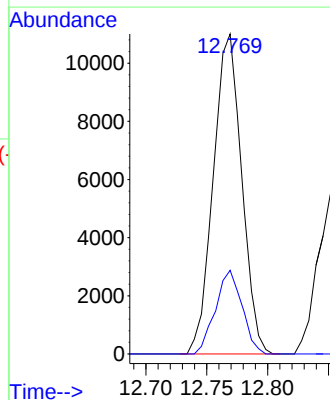
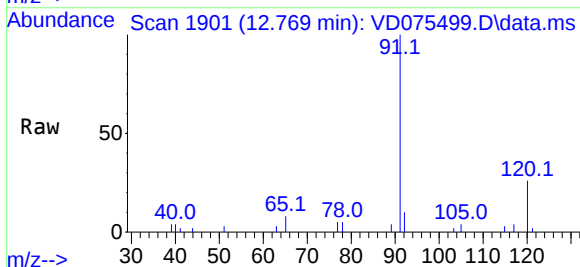
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

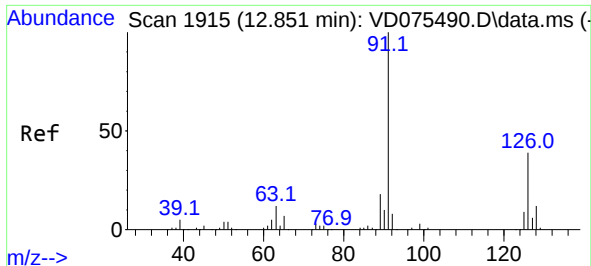
Tgt Ion:	156	Resp:	3776
Ion	Ratio	Lower	Upper
156	100		
77	140.0	89.5	268.6
158	88.3	47.8	143.4



#78
n-propylbenzene
Concen: 2.820 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:	91	Resp:	17874
Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.4	34.2

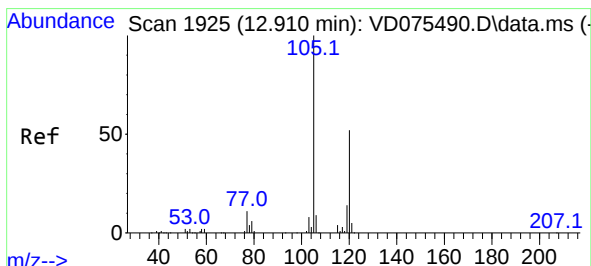
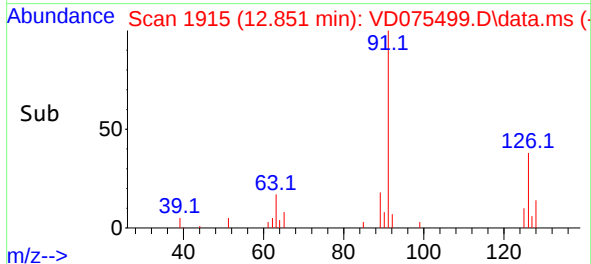
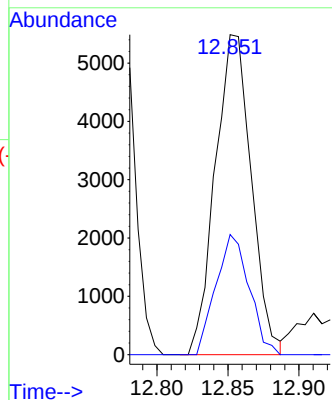
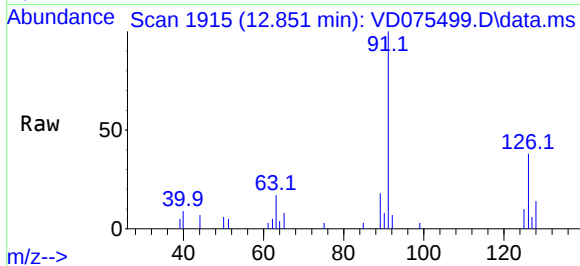




#79
2-Chlorotoluene
Concen: 2.827 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

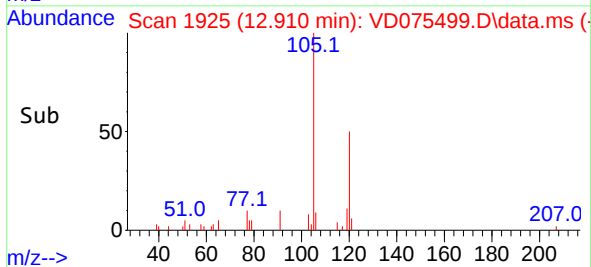
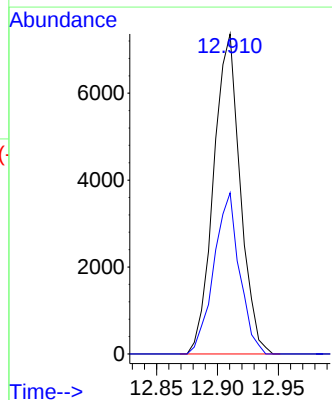
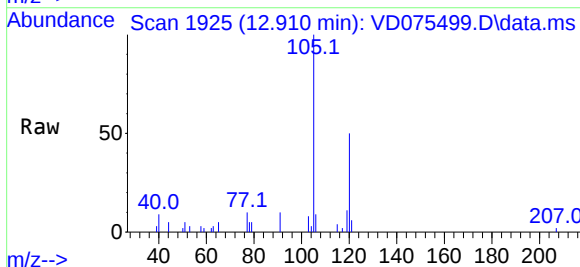
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

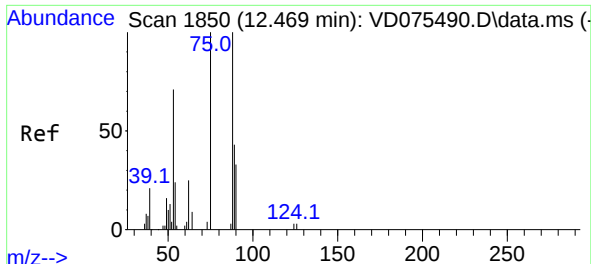
Tgt Ion: 91 Resp: 9708
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 2.619 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 105 Resp: 11201
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

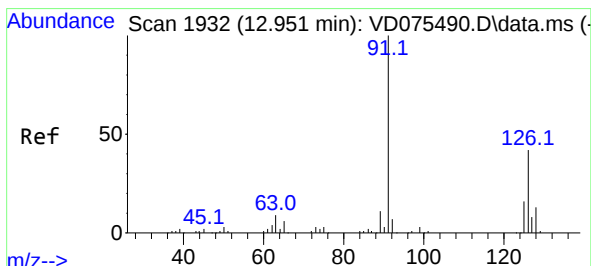
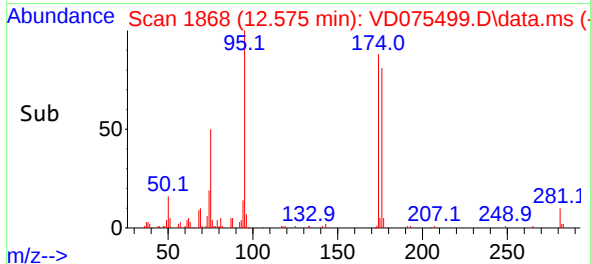
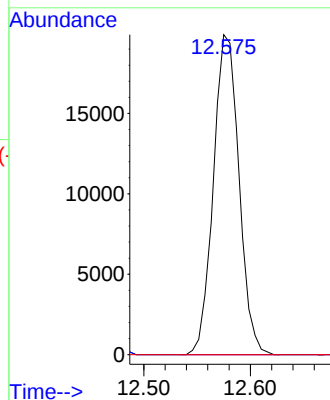
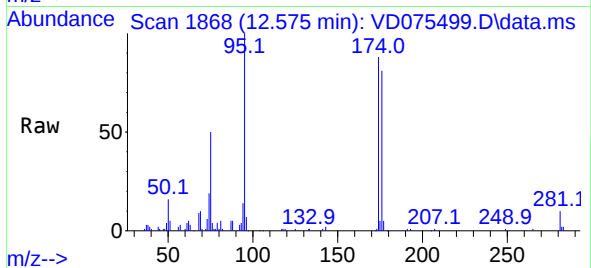




#81
trans-1,4-Dichloro-2-butene
Concen: 130.843 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

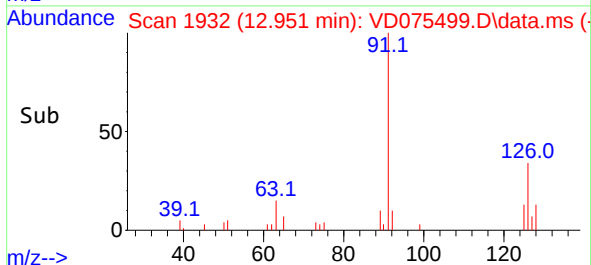
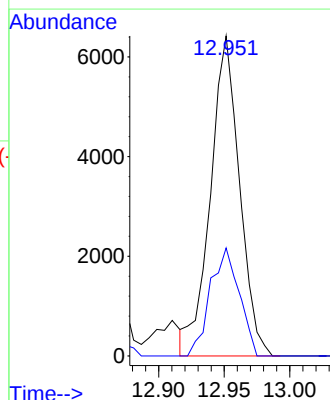
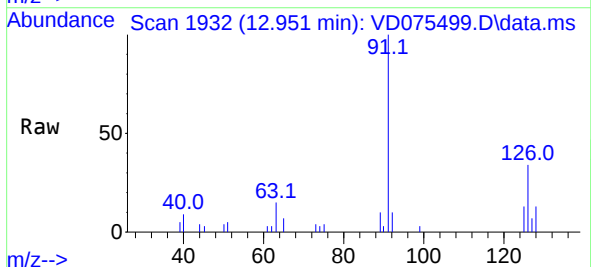
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

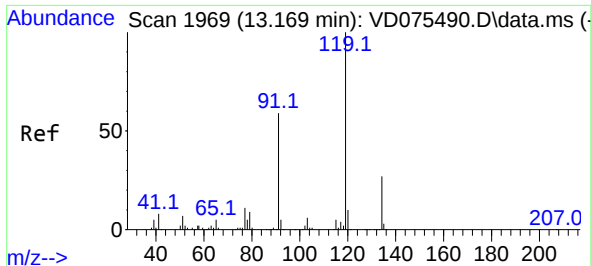
Tgt Ion: 75 Resp: 33227
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#82
4-Chlorotoluene
Concen: 2.797 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 91 Resp: 9912
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2

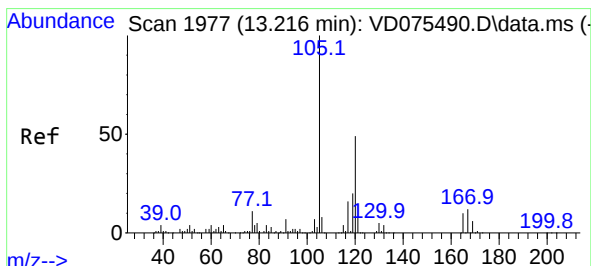
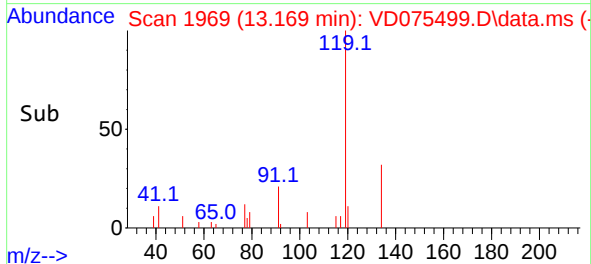
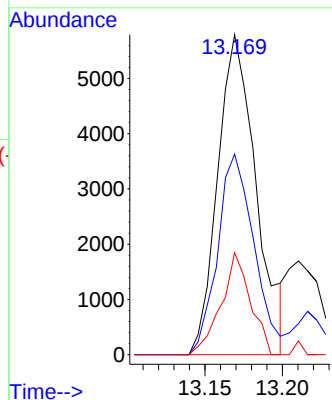
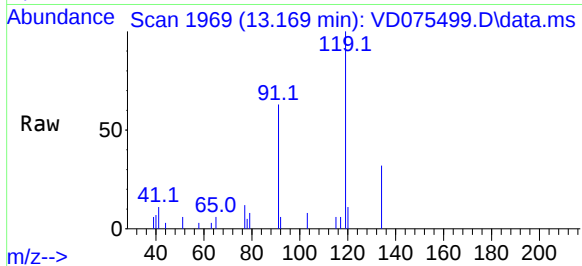




#83
tert-Butylbenzene
Concen: 2.688 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

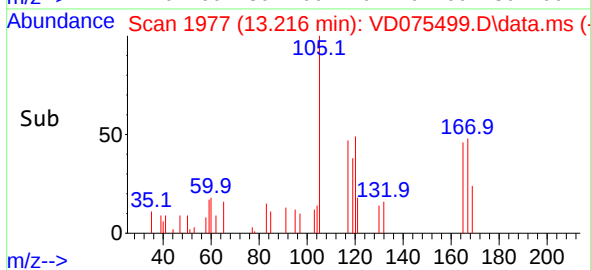
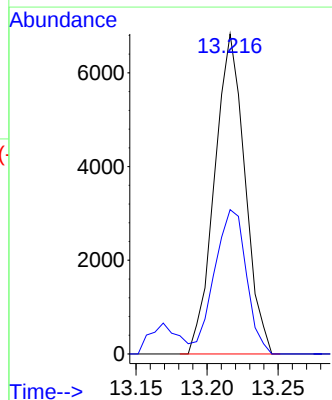
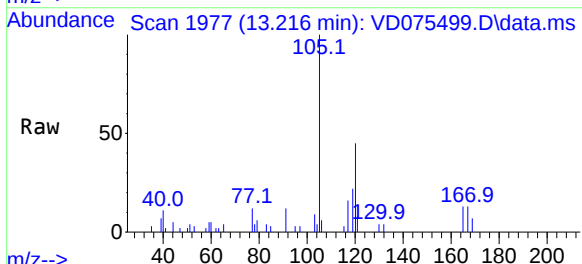
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

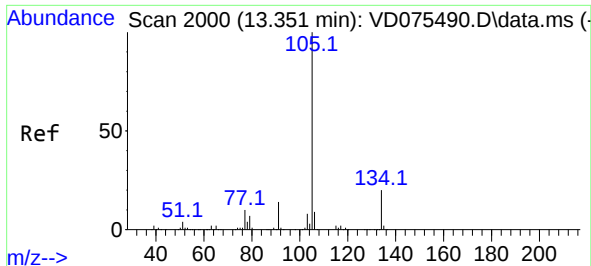
Tgt Ion:	119	Resp:	9991
Ion	Ratio	Lower	Upper
119	100		
91	59.3	32.4	97.0
134	24.3	13.0	39.0



#84
1,2,4-Trimethylbenzene
Concen: 2.449 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:	105	Resp:	10123
Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.3	66.9

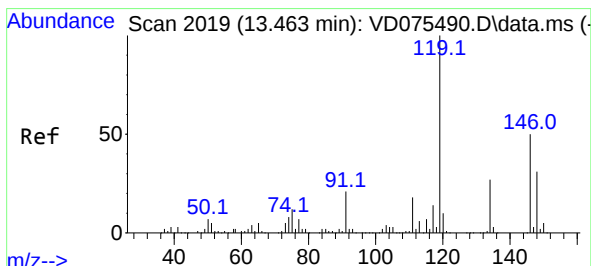
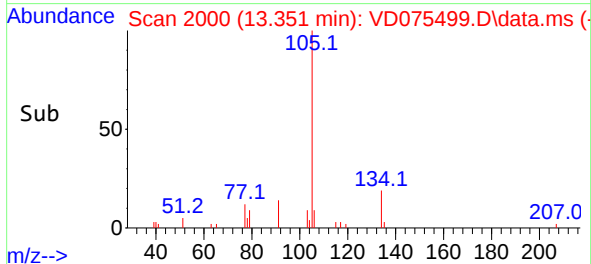
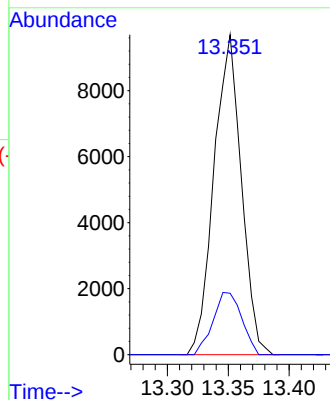
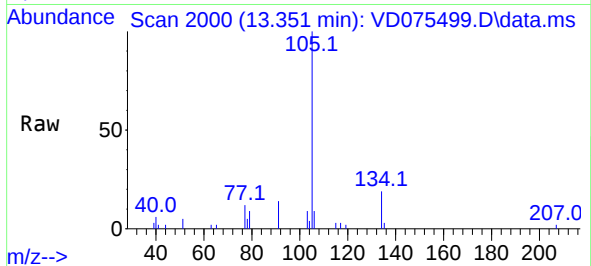




#85
sec-Butylbenzene
Concen: 2.628 ug/l
RT: 13.351 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

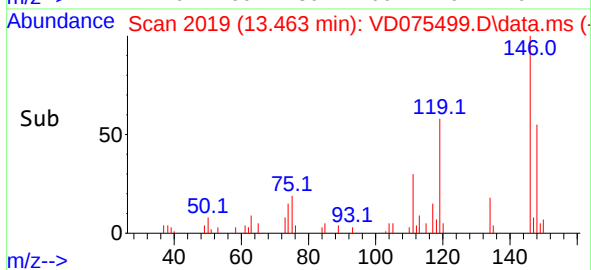
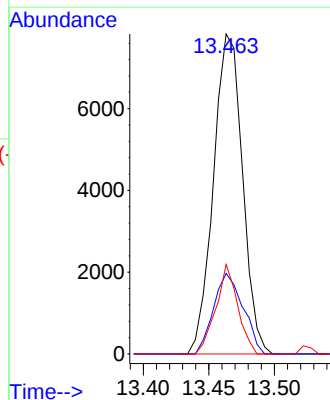
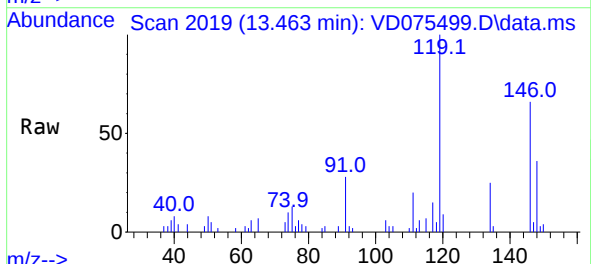
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

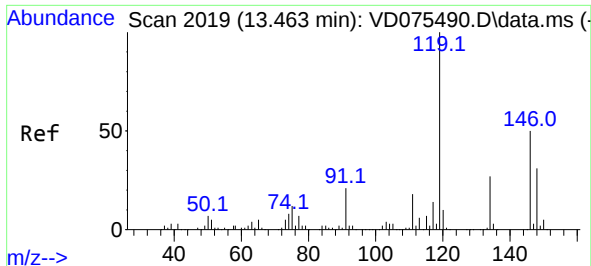
Tgt Ion:105 Resp: 15122
Ion Ratio Lower Upper
105 100
134 20.4 9.9 29.7



#86
p-Isopropyltoluene
Concen: 2.559 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:119 Resp: 12033
Ion Ratio Lower Upper
119 100
134 25.6 13.1 39.3
91 21.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 2.999 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

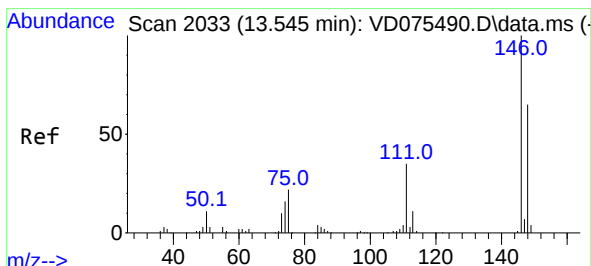
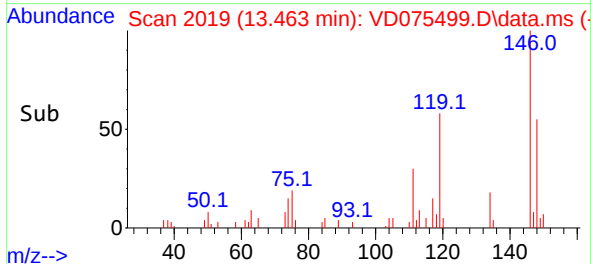
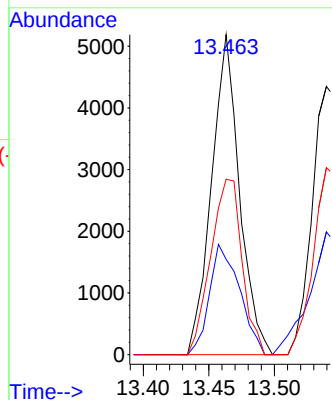
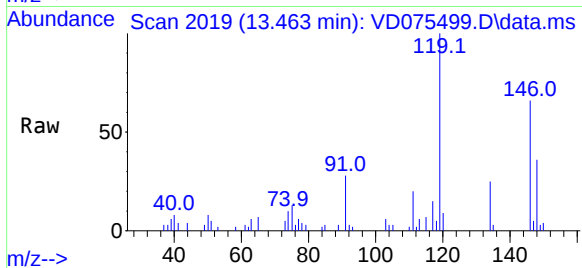
Tgt Ion:146 Resp: 7686

Ion Ratio Lower Upper

146 100

111 37.2 19.8 59.3

148 61.5 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 3.034 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

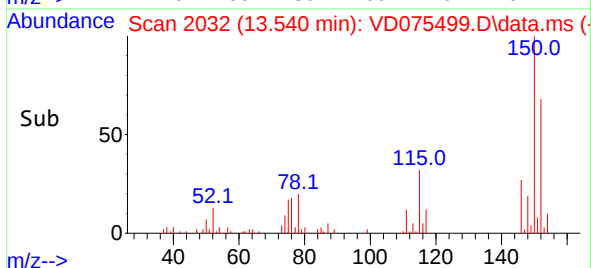
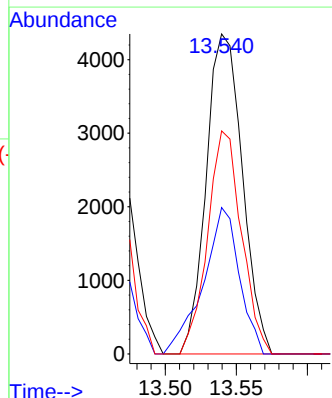
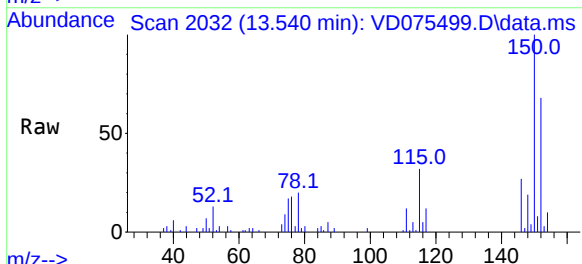
Tgt Ion:146 Resp: 7693

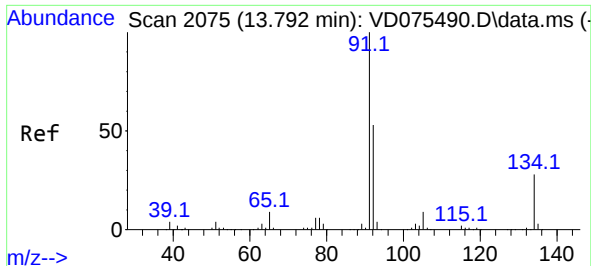
Ion Ratio Lower Upper

146 100

111 45.8 19.6 58.8

148 65.6 31.7 95.1

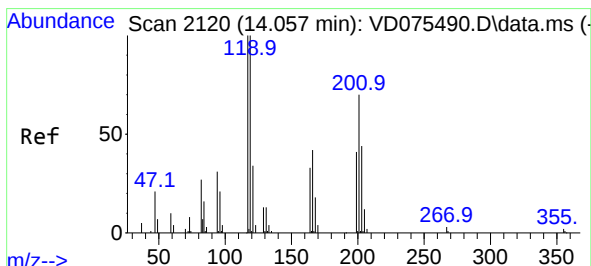
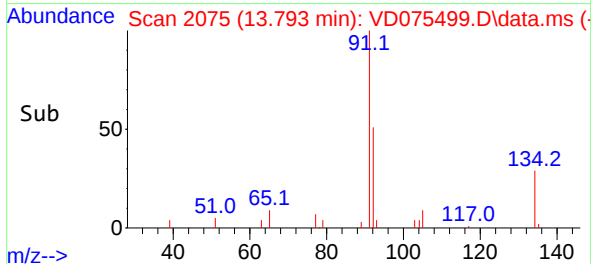
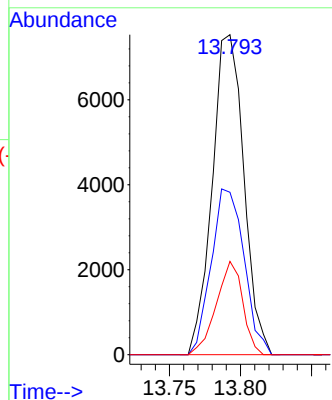
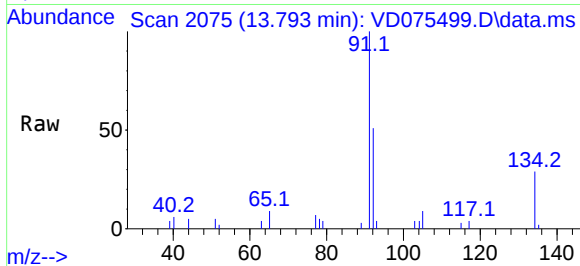




#89
n-Butylbenzene
Concen: 2.705 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

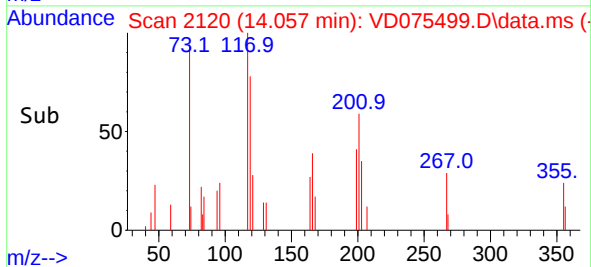
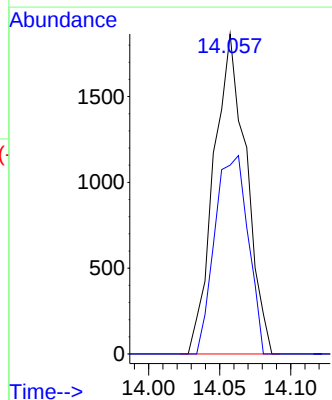
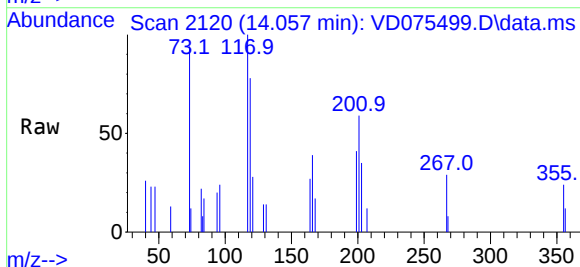
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

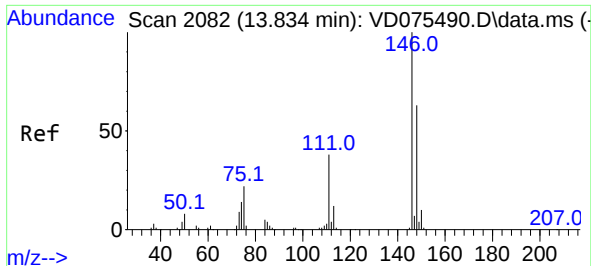
Tgt Ion:	91	Resp:	11665
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.2	78.5
134	24.4	12.7	38.0



#90
Hexachloroethane
Concen: 3.262 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:	117	Resp:	2962
Ion	Ratio	Lower	Upper
117	100		
201	63.6	34.5	103.6





#91

1,2-Dichlorobenzene

Concen: 2.872 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075499.D

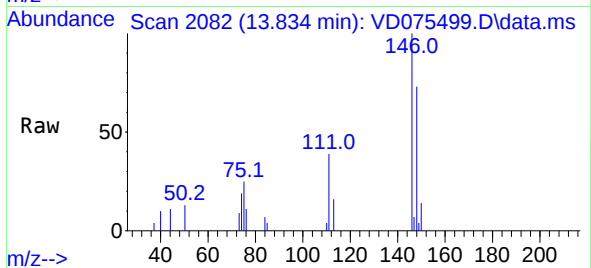
Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

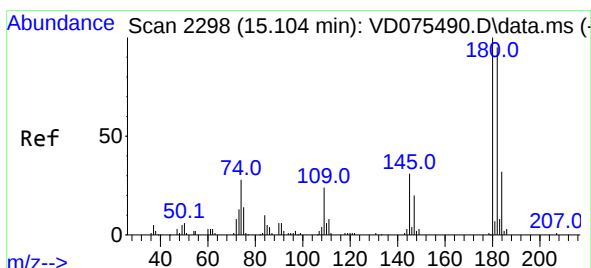
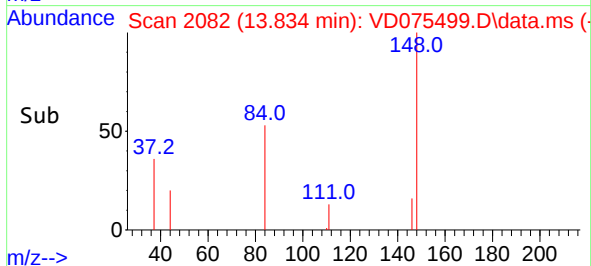
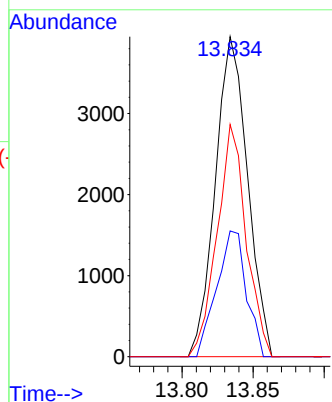
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:146 Resp: 6230

Ion	Ratio	Lower	Upper
146	100		
111	36.1	20.6	61.8
148	65.5	32.0	96.2



#93

1,2,4-Trichlorobenzene

Concen: 2.999 ug/l

RT: 15.104 min Scan# 2298

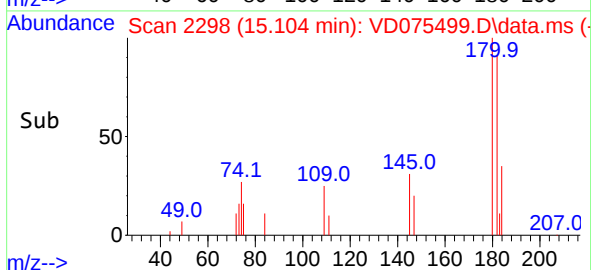
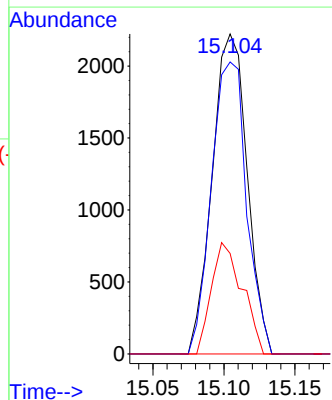
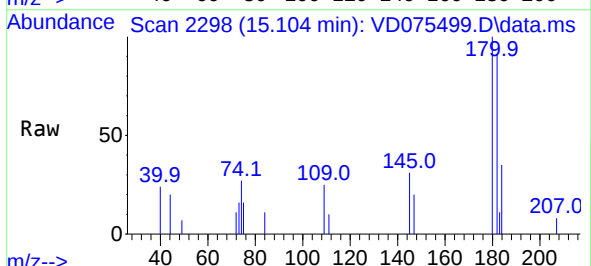
Delta R.T. 0.000 min

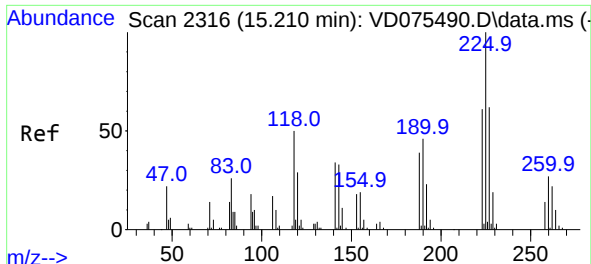
Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Tgt Ion:180 Resp: 3794

Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.9	143.7
145	30.9	15.9	47.7

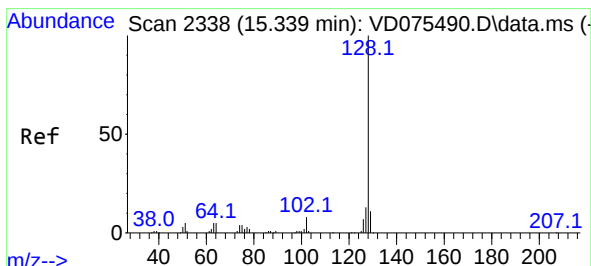
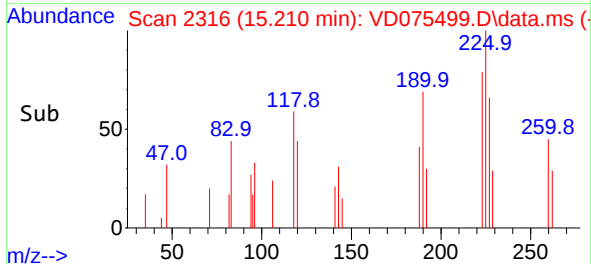
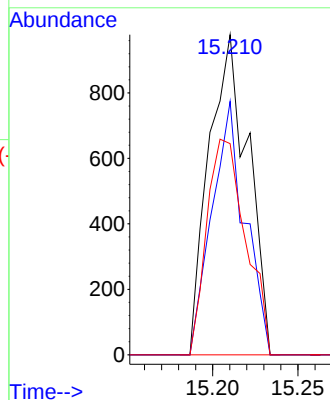
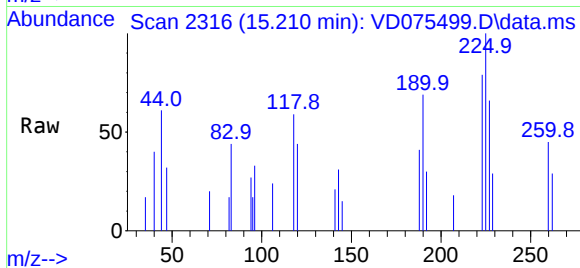




#94
Hexachlorobutadiene
Concen: 2.589 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

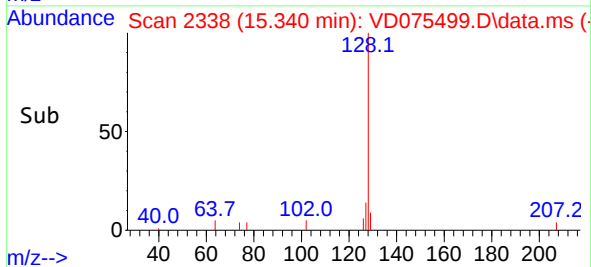
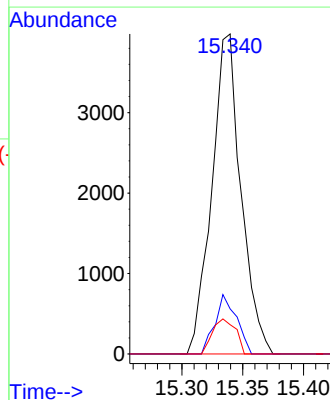
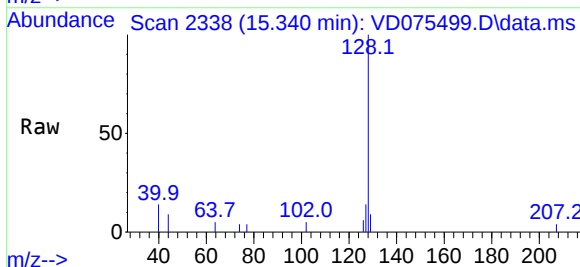
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

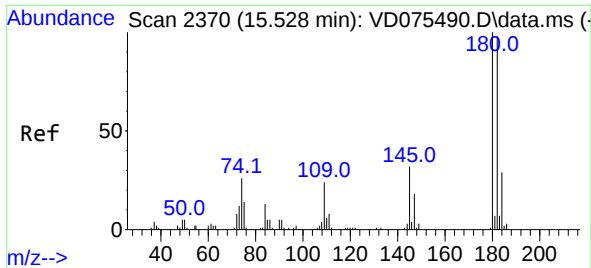
Tgt Ion:	225	Resp:	1562
Ion	Ratio	Lower	Upper
225	100		
223	66.8	33.1	99.2
227	66.9	31.9	95.9



#95
Naphthalene
Concen: 2.853 ug/l
RT: 15.340 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

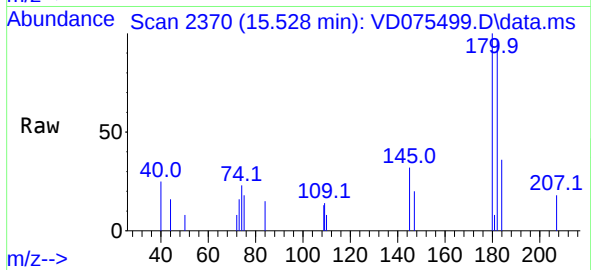
Tgt Ion:	128	Resp:	6624
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	8.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 3.042 ug/l
 RT: 15.528 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075499.D
 Acq: 10 Mar 2023 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:	180	Resp:	3320
Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.7	143.1
145	32.2	16.4	49.4

