

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076749.D
 Acq On : 17 Jul 2023 12:41
 Operator : KP/SY
 Sample : 03572-01 2.5ppb
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Quant Time: Jul 18 02:08:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 18 02:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	201195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	371102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	330759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	93959	46.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.780%
35) Dibromofluoromethane	7.804	113	114684	49.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.269	98	388444	46.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.575	95	119986	44.459	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4014	2.551	ug/l	94
3) Chloromethane	2.146	50	6376	2.349	ug/l	92
4) Vinyl Chloride	2.281	62	8716	2.409	ug/l	92
5) Bromomethane	2.687	94	8222	2.762	ug/l	96
6) Chloroethane	2.834	64	5912	2.164	ug/l	93
7) Trichlorofluoromethane	3.175	101	7138	2.217	ug/l	96
8) Diethyl Ether	3.587	74	2303	2.078	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.952	101	5206	2.460	ug/l	94
10) Methyl Iodide	4.152	142	4911	2.059	ug/l #	84
11) Tert butyl alcohol	5.046	59	614	4.106	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	4337	2.181	ug/l	81
13) Acrolein	3.799	56	1173	11.511	ug/l #	72
14) Allyl chloride	4.546	41	6071	2.325	ug/l #	91
15) Acrylonitrile	5.263	53	4436	8.149	ug/l #	60
16) Acetone	4.022	43	5638	11.780	ug/l #	86
17) Carbon Disulfide	4.263	76	11252	2.423	ug/l #	85
18) Methyl Acetate	4.558	43	3894	2.166	ug/l #	53
19) Methyl tert-butyl Ether	5.322	73	10603	1.989	ug/l #	82
20) Methylene Chloride	4.799	84	9654	2.439	ug/l #	82
21) trans-1,2-Dichloroethene	5.316	96	5125	2.218	ug/l #	77
22) Diisopropyl ether	6.216	45	11684	1.889	ug/l #	90
23) Vinyl Acetate	6.152	43	26709	8.728	ug/l	95
24) 1,1-Dichloroethane	6.099	63	9926	2.380	ug/l #	89
25) 2-Butanone	7.093	43	10224	15.962	ug/l #	84
26) 2,2-Dichloropropane	7.069	77	13149	3.658	ug/l #	72
27) cis-1,2-Dichloroethene	7.081	96	6622	2.324	ug/l	68
28) Bromochloromethane	7.422	49	2709	2.599	ug/l #	87
29) Tetrahydrofuran	7.451	42	3438	9.085	ug/l	98
30) Chloroform	7.593	83	10653	2.333	ug/l	88
31) Cyclohexane	7.869	56	10287	3.488	ug/l #	72
32) 1,1,1-Trichloroethane	7.787	97	8304	2.254	ug/l	95
36) 1,1-Dichloropropene	8.010	75	6918	2.270	ug/l	96
37) Ethyl Acetate	7.163	43	2246	1.648	ug/l #	65
38) Carbon Tetrachloride	7.993	117	6043	2.071	ug/l #	77
39) Methylcyclohexane	9.281	83	7731	2.197	ug/l #	75
40) Benzene	8.246	78	21356	2.221	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	1617	1.943	ug/l #	44
42) 1,2-Dichloroethane	8.322	62	5802	2.322	ug/l	95
43) Isopropyl Acetate	8.363	43	4963	1.866	ug/l #	65
44) Trichloroethene	9.028	130	5690	2.172	ug/l	92
45) 1,2-Dichloropropane	9.304	63	5246	2.114	ug/l	93
46) Dibromomethane	9.398	93	3532	2.431	ug/l #	81
47) Bromodichloromethane	9.587	83	8250	2.263	ug/l #	85
48) Methyl methacrylate	9.381	41	2502	2.067	ug/l #	77
49) 1,4-Dioxane	9.381	88	844	45.343	ug/l #	51
51) 4-Methyl-2-Pentanone	10.163	43	13929	9.836	ug/l	92
52) Toluene	10.334	92	12923	2.046	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	7045	2.082	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	8289	2.078	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	4136	1.950	ug/l	91
56) Ethyl methacrylate	10.598	69	4383	1.790	ug/l #	76
57) 1,3-Dichloropropane	10.881	76	7416	2.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	8149	8.598	ug/l	95
59) 2-Hexanone	10.916	43	9566	9.467	ug/l	91
60) Dibromochloromethane	11.075	129	5327	2.161	ug/l	95
61) 1,2-Dibromoethane	11.175	107	4070	2.069	ug/l	92
64) Tetrachloroethene	10.804	164	4604	2.441	ug/l	94
65) Chlorobenzene	11.610	112	16324	2.454	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.675	131	5501	2.221	ug/l	99
67) Ethyl Benzene	11.681	91	24888	2.130	ug/l	99
68) m/p-Xylenes	11.792	106	18174	4.051	ug/l	87
69) o-Xylene	12.116	106	8550	1.971	ug/l	84
70) Styrene	12.139	104	15106	1.989	ug/l	96
71) Bromoform	12.298	173	2827	2.084	ug/l #	99
73) Isopropylbenzene	12.422	105	23573	2.211	ug/l	99
74) N-amyl acetate	12.228	43	3990	1.776	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	5240	2.289	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	6250	4.471	ug/l #	100
77) Bromobenzene	12.698	156	5626	2.286	ug/l	91
78) n-propylbenzene	12.763	91	29200	2.259	ug/l	96
79) 2-Chlorotoluene	12.851	91	15577	2.198	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	19111	2.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.575	75	61645	93.863	ug/l #	18
82) 4-Chlorotoluene	12.945	91	15406	2.080	ug/l	98
83) tert-Butylbenzene	13.163	119	15653	2.062	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	18915	2.147	ug/l	94
85) sec-Butylbenzene	13.339	105	24447	2.108	ug/l	95
86) p-Isopropyltoluene	13.457	119	19796	2.067	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	12118	2.394	ug/l	98
88) 1,4-Dichlorobenzene	13.457	146	12118	2.443	ug/l	97
89) n-Butylbenzene	13.781	91	19479	2.078	ug/l	97
90) Hexachloroethane	14.051	117	4042	2.282	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	10865	2.436	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.439	75	915	2.803	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	7077	2.598	ug/l	96
94) Hexachlorobutadiene	15.204	225	3064	2.339	ug/l	97
95) Naphthalene	15.333	128	14018	2.377	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.516	180	6143	2.513	ug/l	98

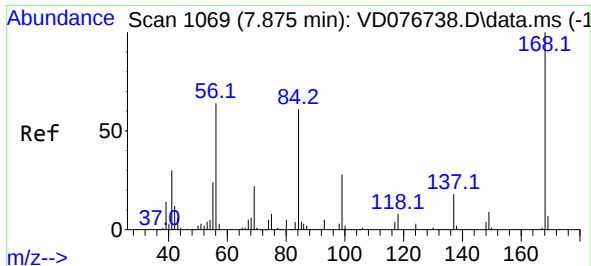
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
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Quant Title : SW846 8260
QLast Update : Tue Jul 18 02:08:17 2023
Response via : Initial Calibration

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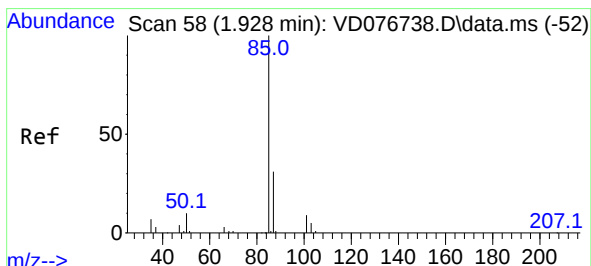
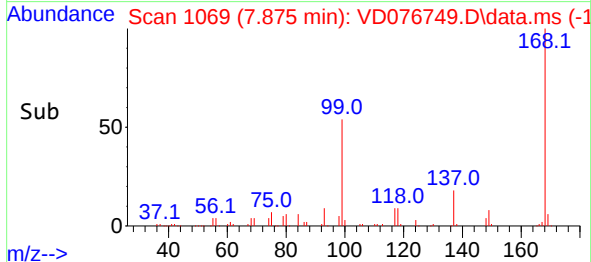
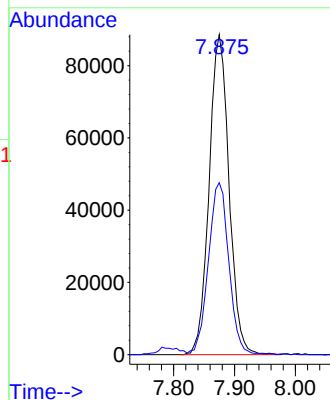
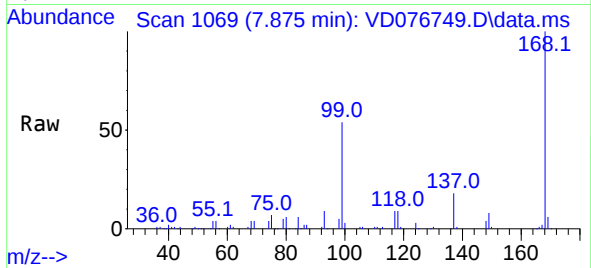
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

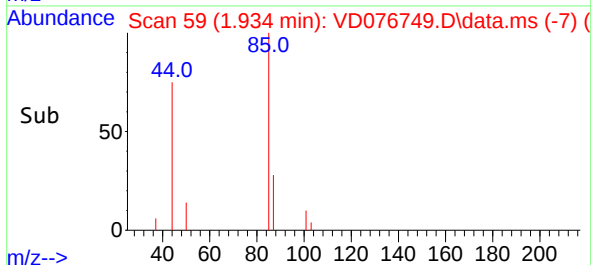
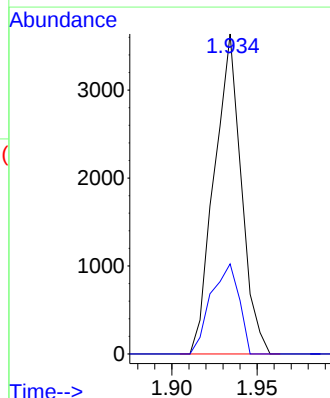
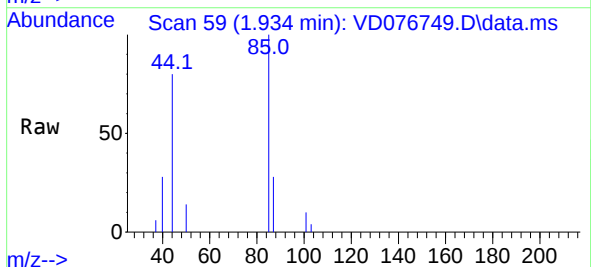
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:168 Resp: 201195
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1

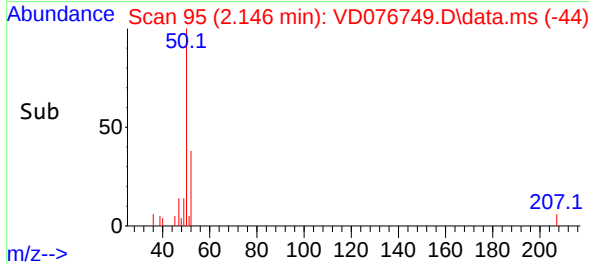
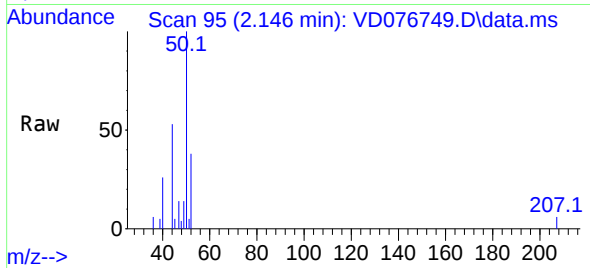
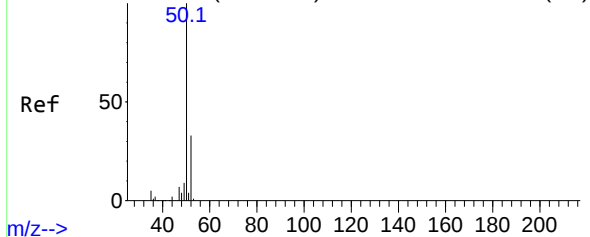


#2
Dichlorodifluoromethane
Concen: 2.551 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 85 Resp: 4014
Ion Ratio Lower Upper
85 100
87 28.2 15.7 47.0



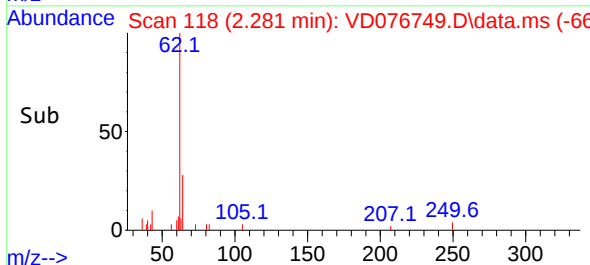
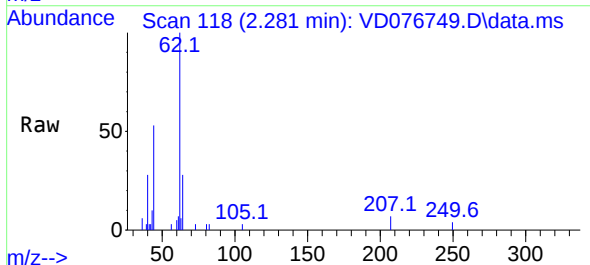
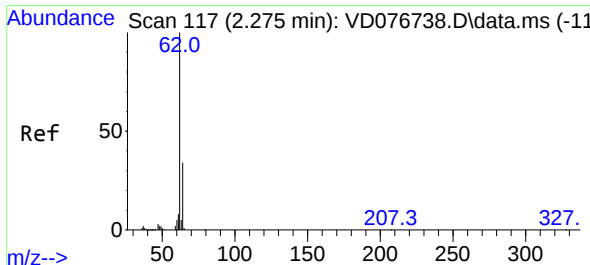
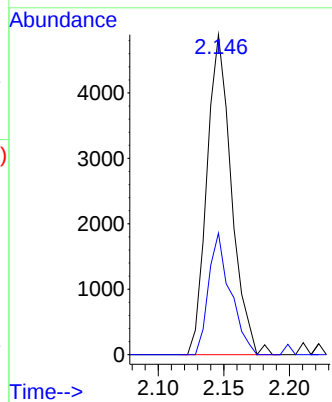
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#3
Chloromethane
Concen: 2.349 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

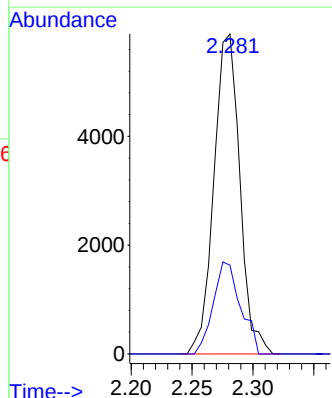
Instrument :
MSVOA_D
ClientSampleId :
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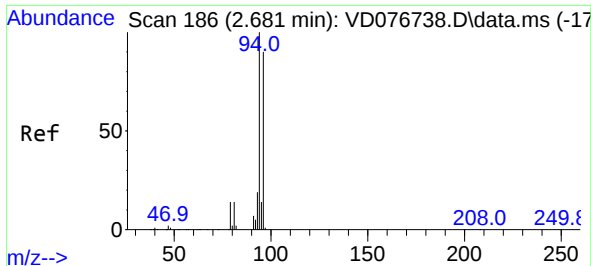
Tgt Ion: 50 Resp: 6376
Ion Ratio Lower Upper
50 100
52 38.0 26.6 40.0



#4
Vinyl Chloride
Concen: 2.409 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 62 Resp: 8716
Ion Ratio Lower Upper
62 100
64 27.8 26.0 39.0

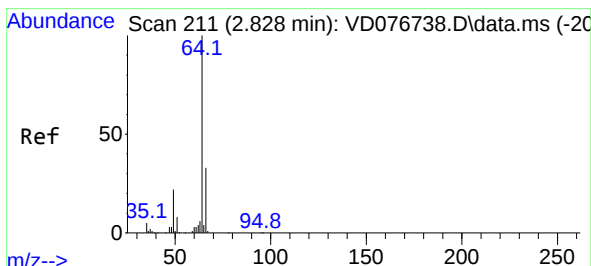
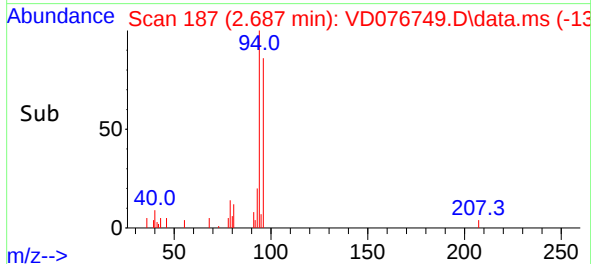
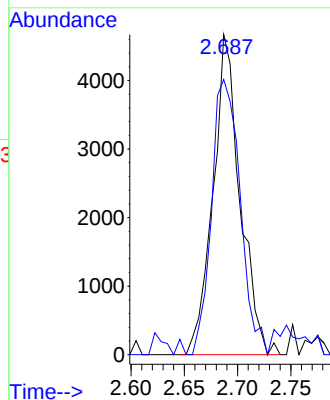
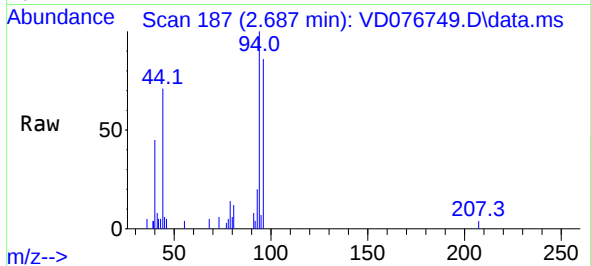




#5
Bromomethane
Concen: 2.762 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

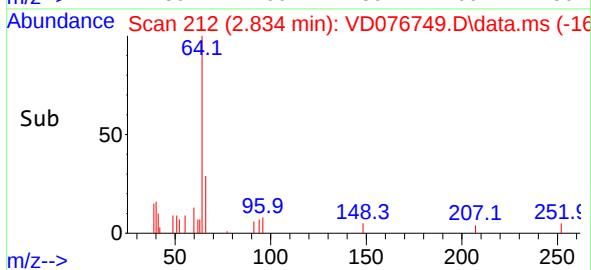
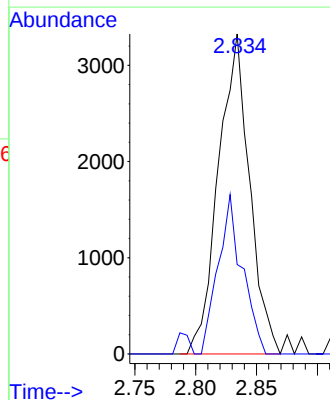
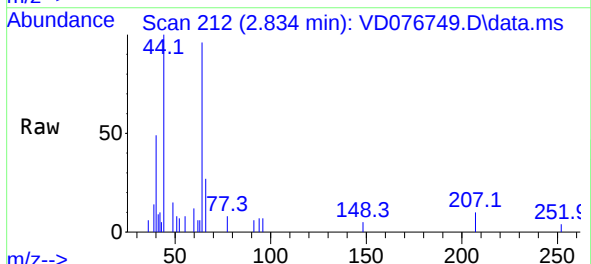
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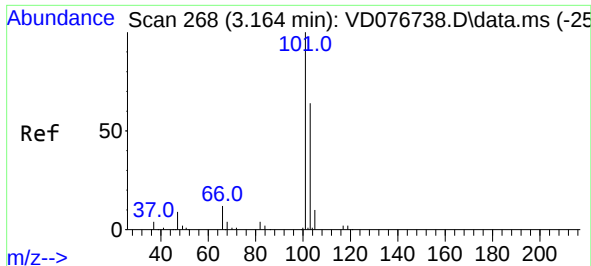
Tgt Ion: 94 Resp: 8222
Ion Ratio Lower Upper
94 100
96 91.3 75.8 113.8



#6
Chloroethane
Concen: 2.164 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 64 Resp: 5912
Ion Ratio Lower Upper
64 100
66 27.9 25.5 38.3

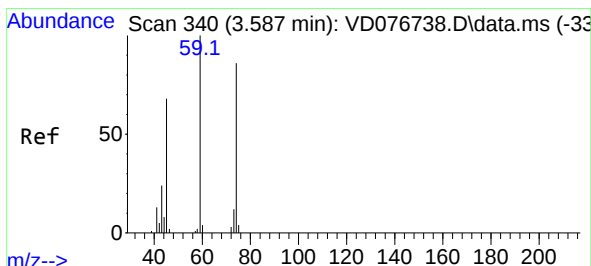
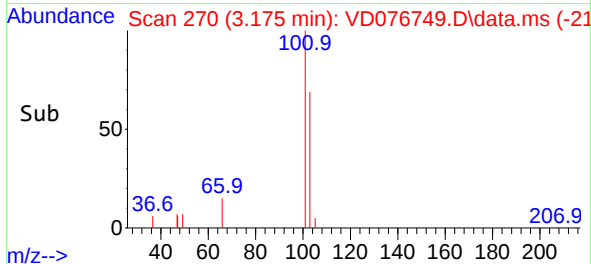
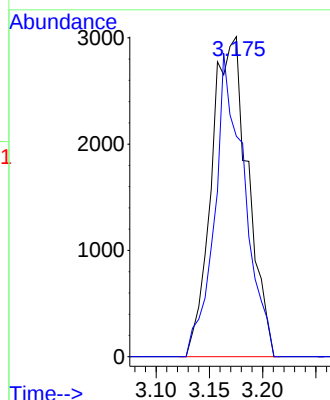
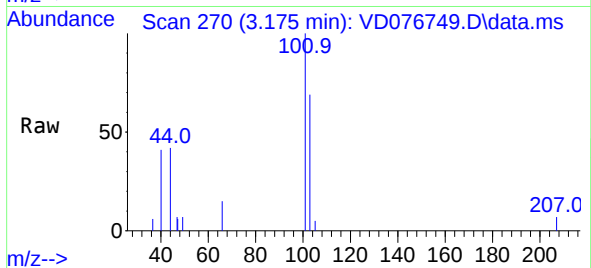




#7
Trichlorofluoromethane
Concen: 2.217 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.011 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

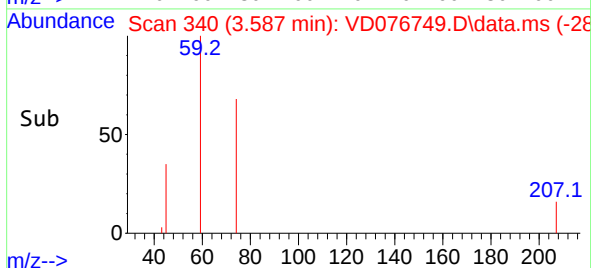
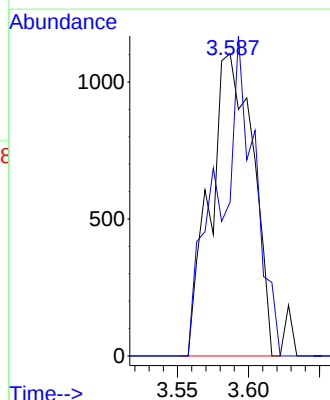
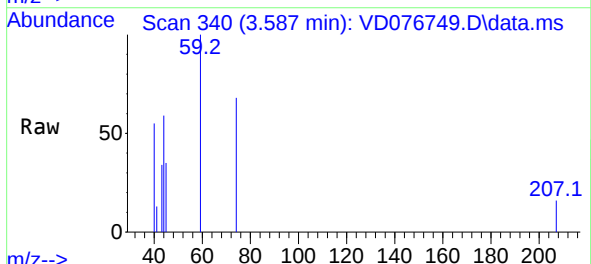
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

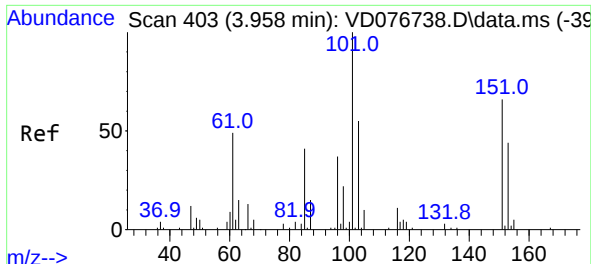
Tgt Ion:101 Resp: 7138
Ion Ratio Lower Upper
101 100
103 68.9 52.3 78.5



#8
Diethyl Ether
Concen: 2.078 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 74 Resp: 2303
Ion Ratio Lower Upper
74 100
45 90.0 37.5 112.7



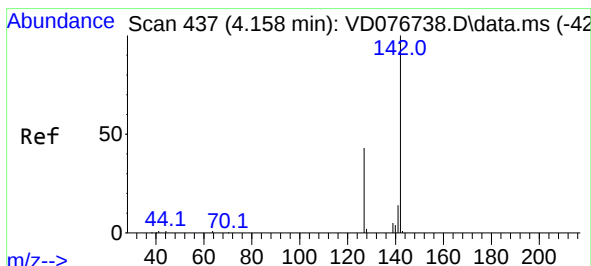
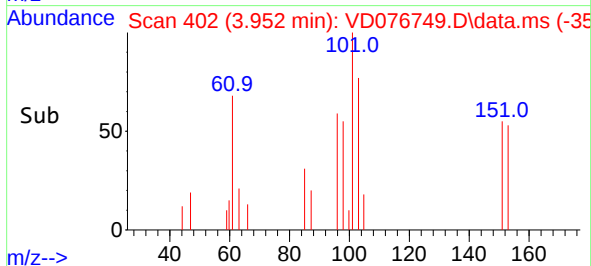
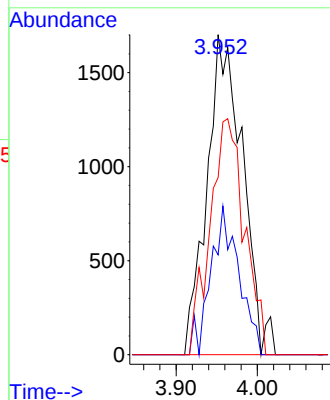
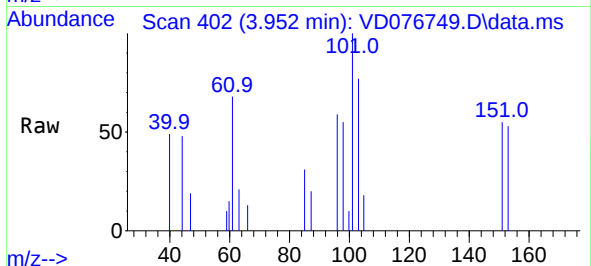


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.460 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076749.D
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Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 5206

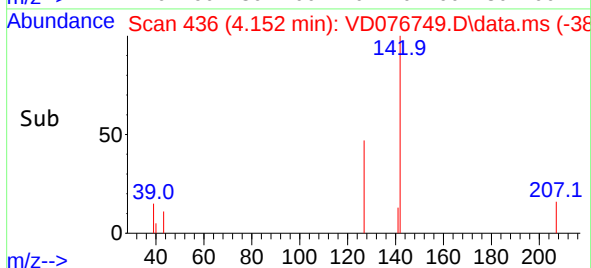
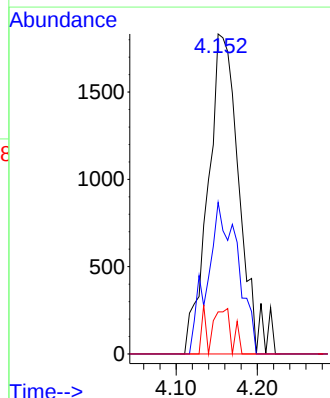
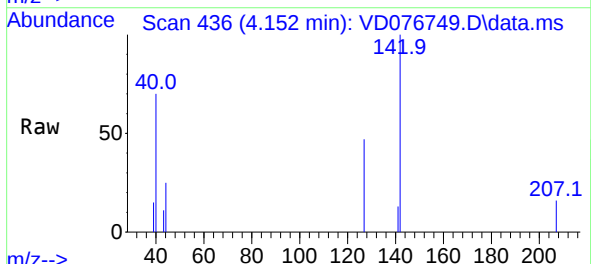
Ion	Ratio	Lower	Upper
101	100		
85	36.3	33.8	50.6
151	71.3	59.8	89.6

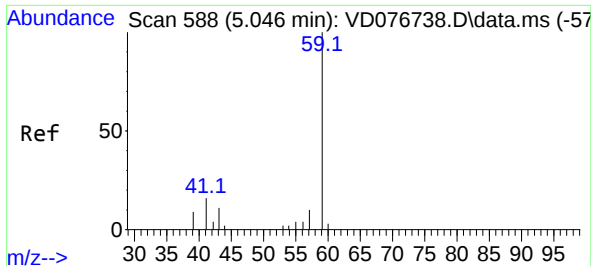


#10
Methyl Iodide
Concen: 2.059 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:142 Resp: 4911

Ion	Ratio	Lower	Upper
142	100		
127	46.4	29.4	44.0#
141	8.0	11.1	16.7#





#11

Tert butyl alcohol

Concen: 4.106 ug/l

RT: 5.046 min Scan# 588

Delta R.T. -0.000 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

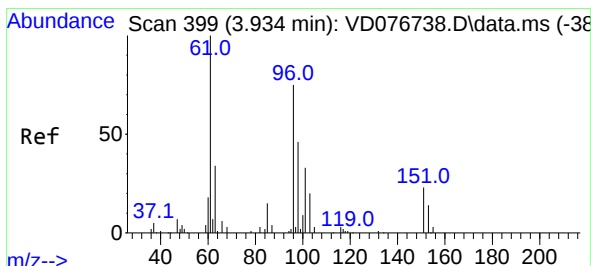
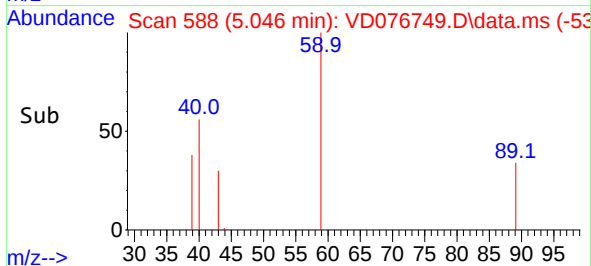
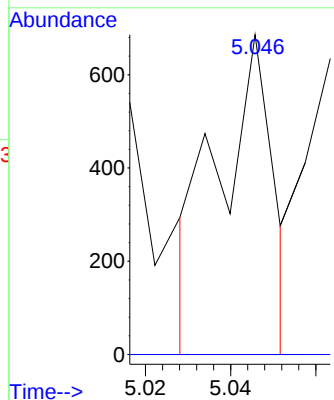
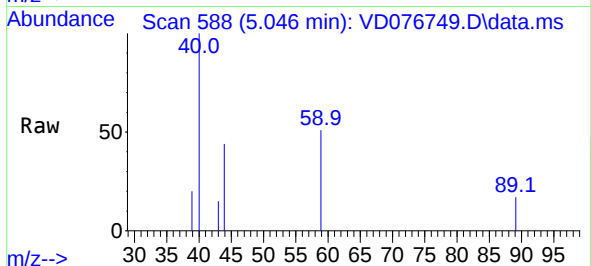
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion: 59 Resp: 614

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 2.181 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

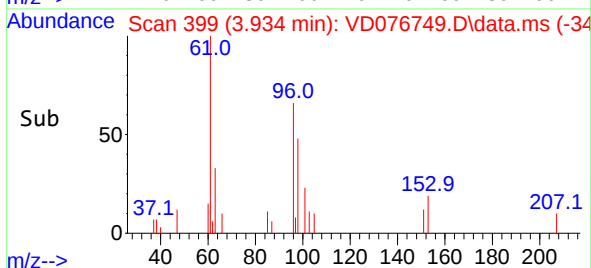
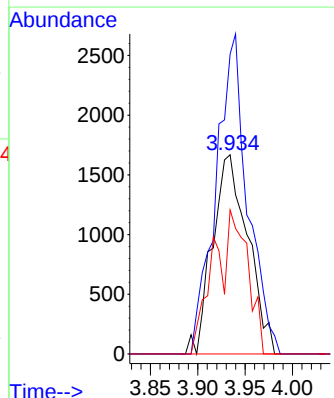
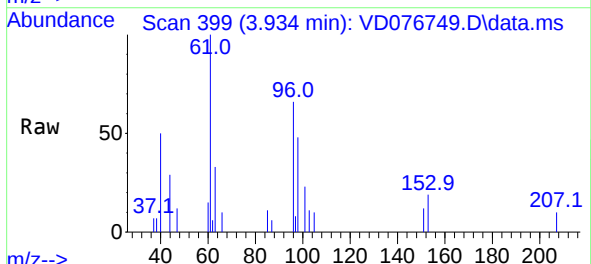
Tgt Ion: 96 Resp: 4337

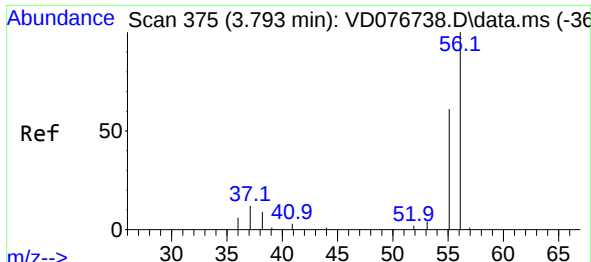
Ion Ratio Lower Upper

96 100

61 150.4 100.6 150.8

98 72.3 50.2 75.2

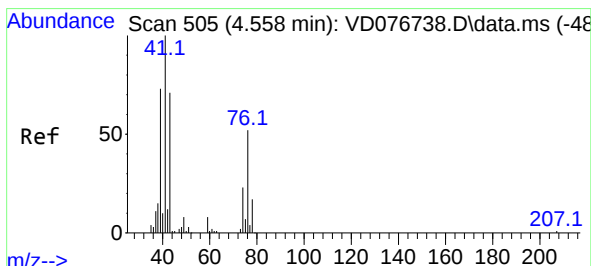
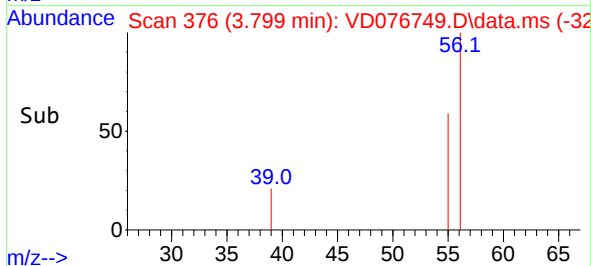
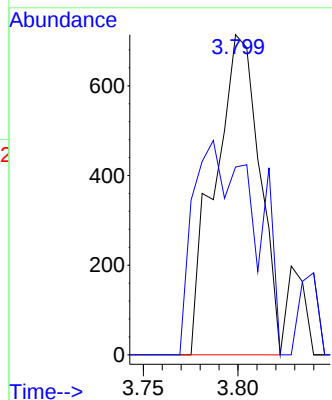
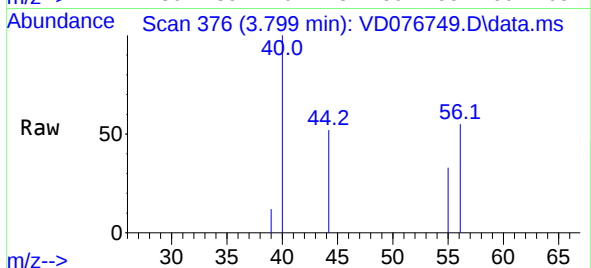




#13
Acrolein
Concen: 11.511 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

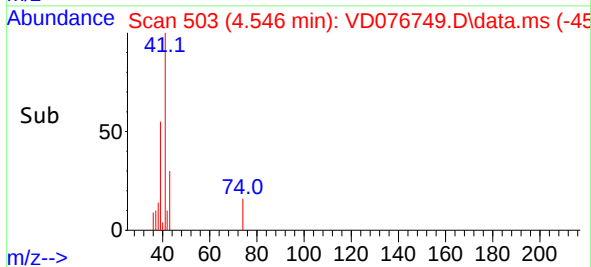
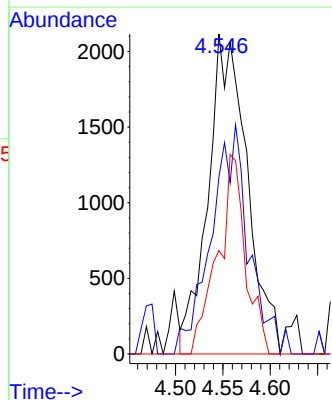
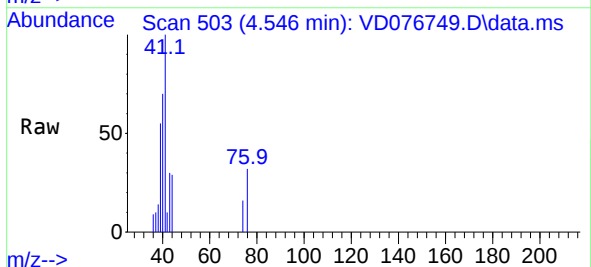
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

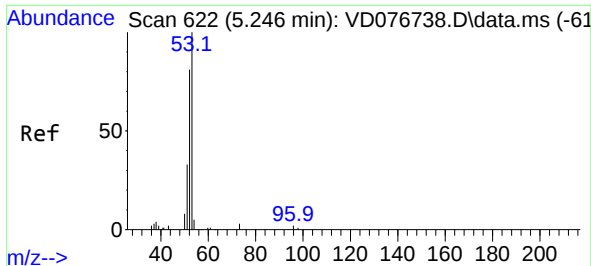
Tgt Ion: 56 Resp: 1173
Ion Ratio Lower Upper
56 100
55 91.7 55.1 82.7#



#14
Allyl chloride
Concen: 2.325 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.012 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 41 Resp: 6071
Ion Ratio Lower Upper
41 100
39 69.1 53.8 80.6
76 44.3 45.8 68.8#

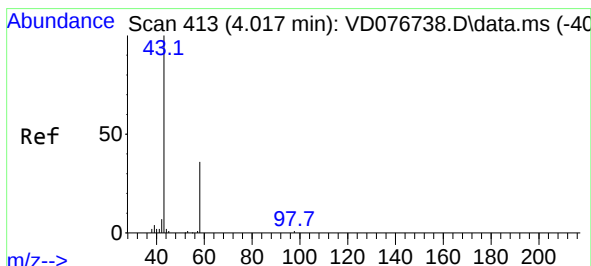
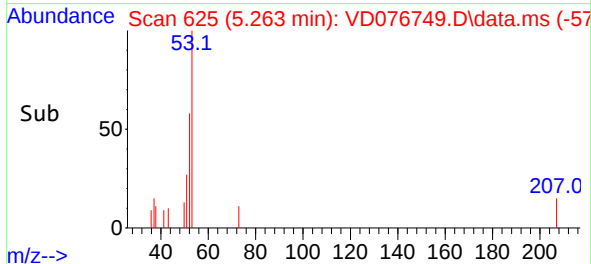
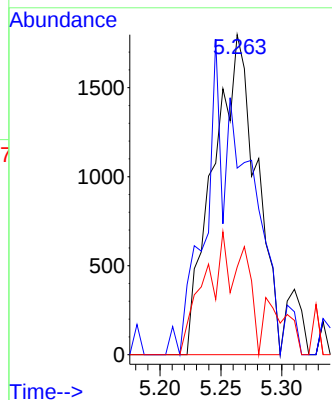
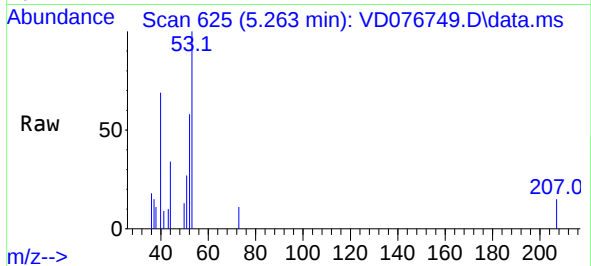




#15
Acrylonitrile
Concen: 8.149 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.017 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

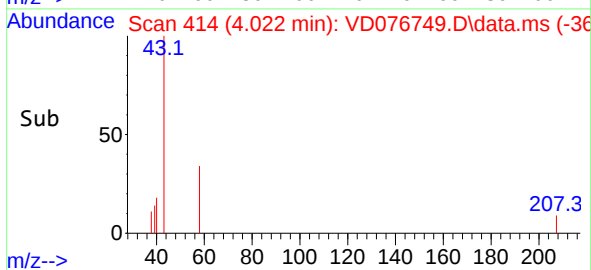
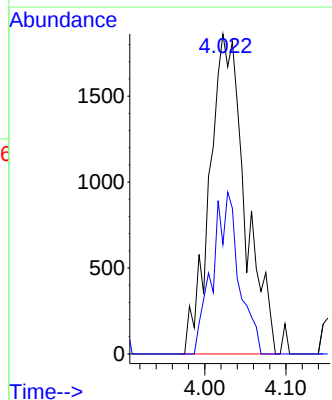
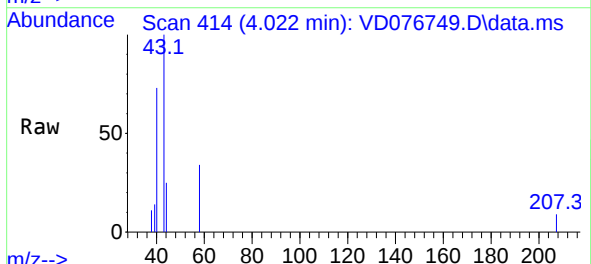
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

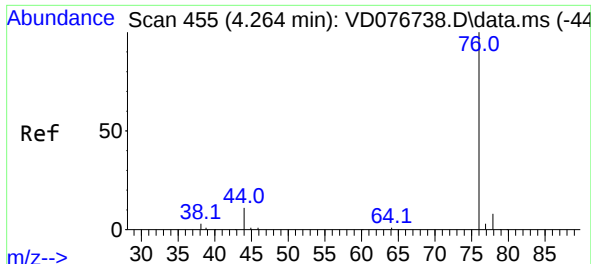
Tgt Ion: 53 Resp: 4436
Ion Ratio Lower Upper
53 100
52 39.3 65.0 97.4#
51 21.8 28.3 42.5#



#16
Acetone
Concen: 11.780 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 43 Resp: 5638
Ion Ratio Lower Upper
43 100
58 34.3 34.7 52.1#

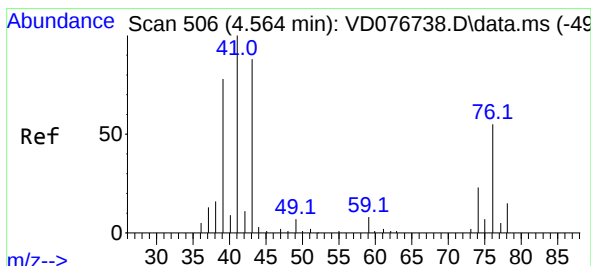
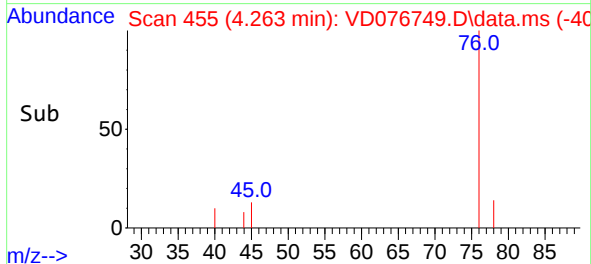
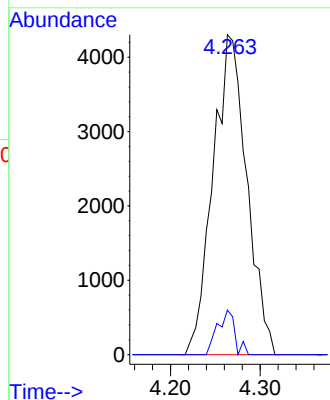
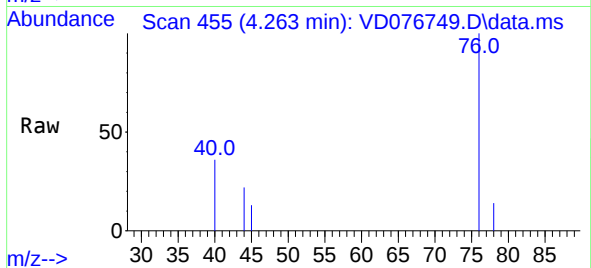




#17
Carbon Disulfide
Concen: 2.423 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

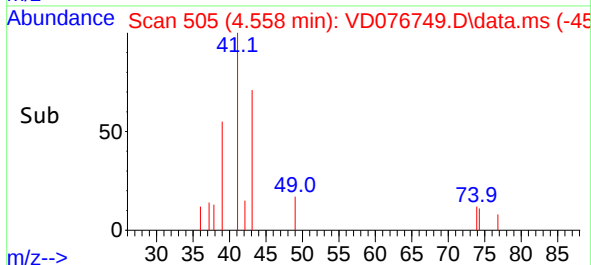
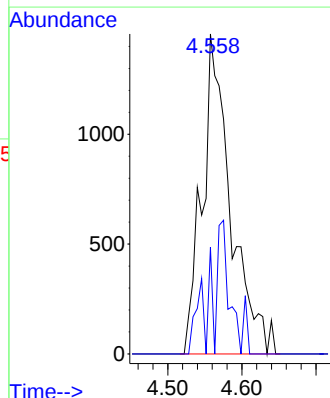
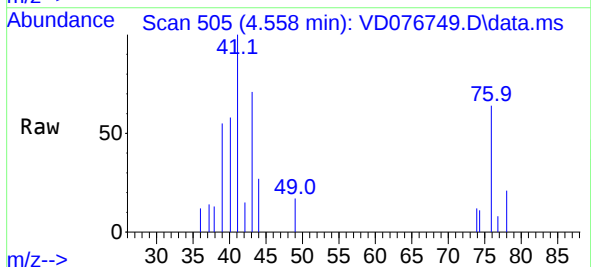
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

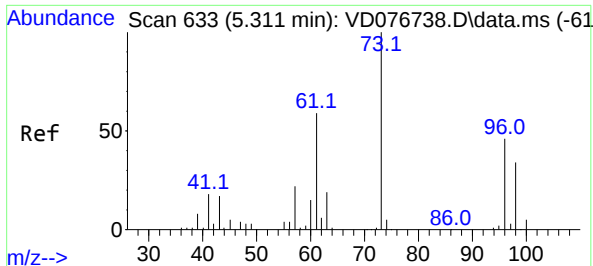
Tgt Ion: 76 Resp: 11252
Ion Ratio Lower Upper
76 100
78 13.9 6.8 10.2#



#18
Methyl Acetate
Concen: 2.166 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 43 Resp: 3894
Ion Ratio Lower Upper
43 100
74 6.5 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 1.989 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.011 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

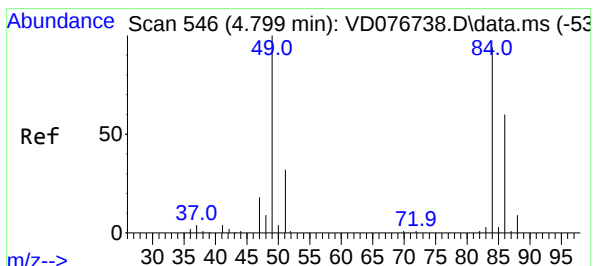
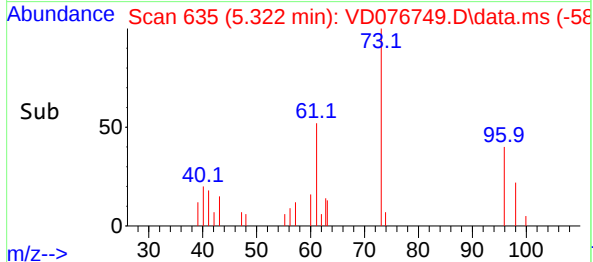
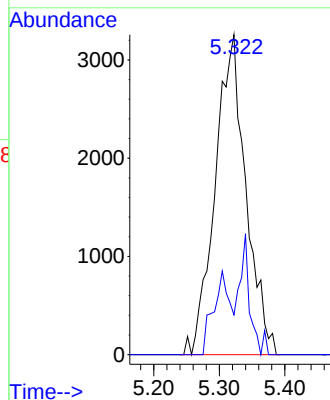
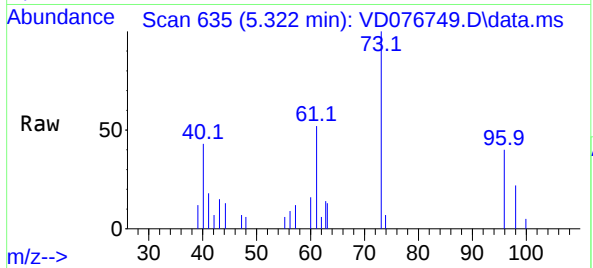
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion: 73 Resp: 10603

Ion Ratio Lower Upper

73 100

57 12.4 16.6 25.0#



#20

Methylene Chloride

Concen: 2.439 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

Tgt Ion: 84 Resp: 9654

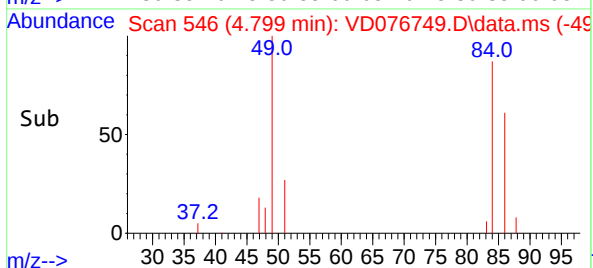
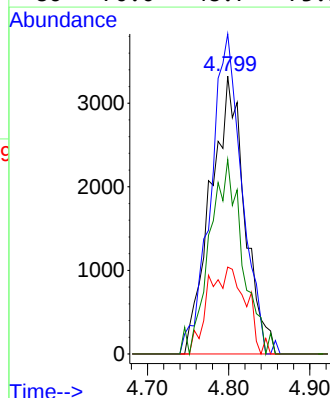
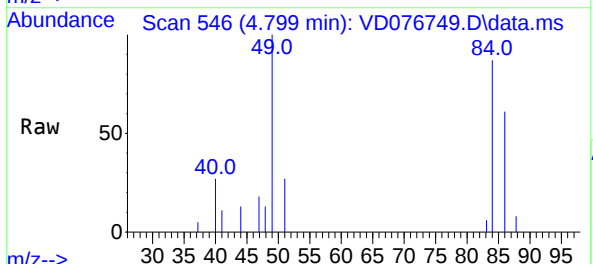
Ion Ratio Lower Upper

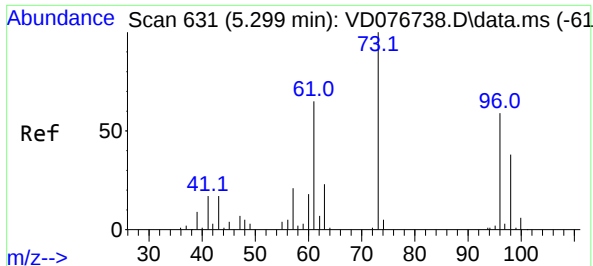
84 100

49 115.2 71.4 107.2#

51 31.3 24.5 36.7

86 70.0 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 2.218 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.017 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

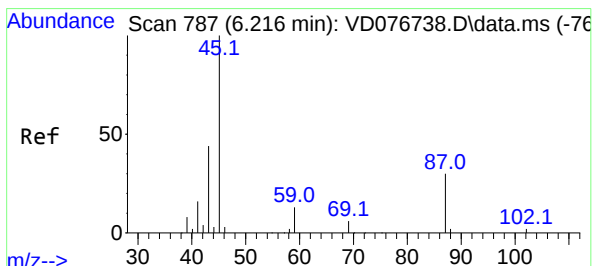
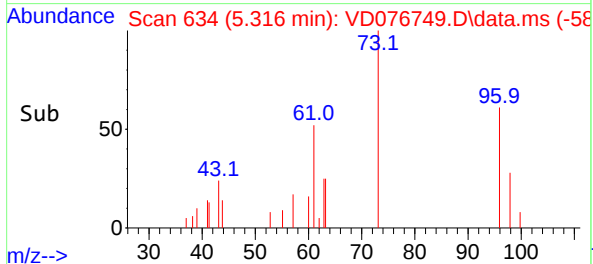
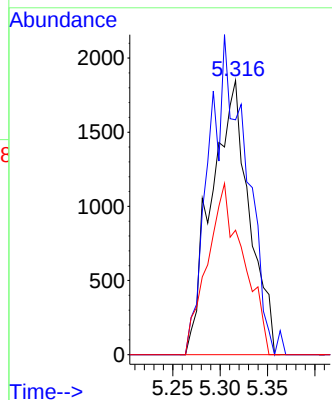
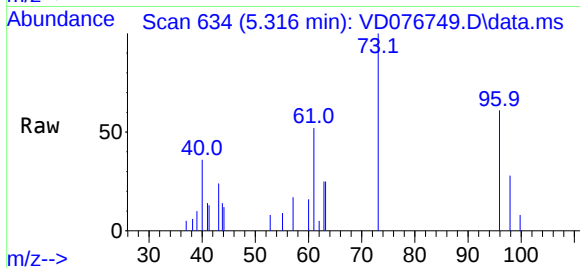
Tgt Ion: 96 Resp: 5125

Ion Ratio Lower Upper

96 100

61 85.7 89.3 133.9#

98 45.4 48.6 73.0#



#22

Diisopropyl ether

Concen: 1.889 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.000 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

Tgt Ion: 45 Resp: 11684

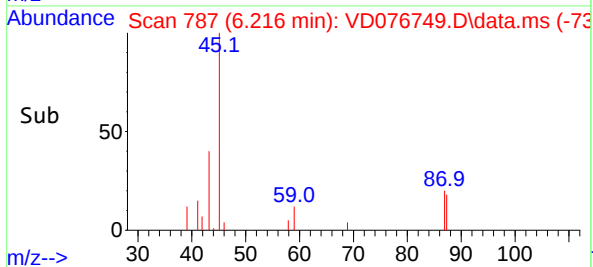
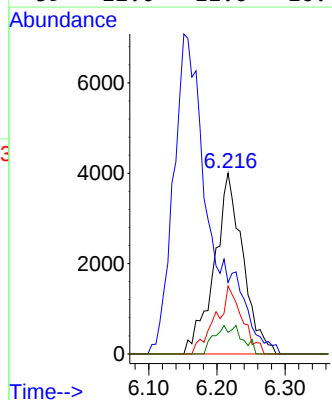
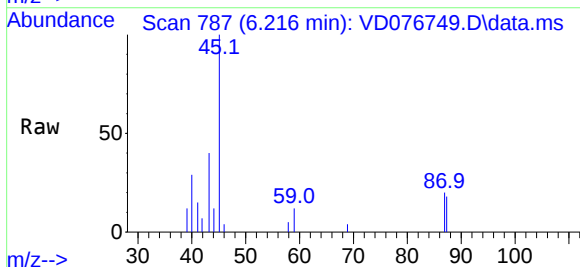
Ion Ratio Lower Upper

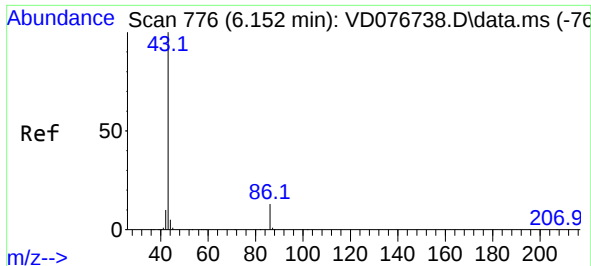
45 100

43 39.5 40.0 60.0#

87 37.6 28.2 42.4

59 12.0 11.0 16.4

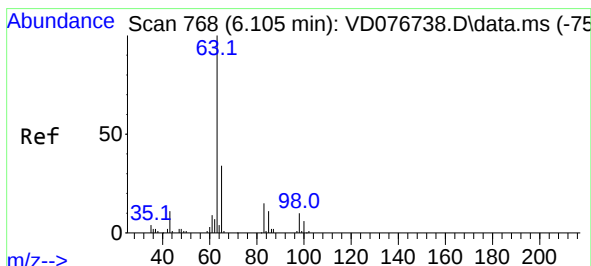
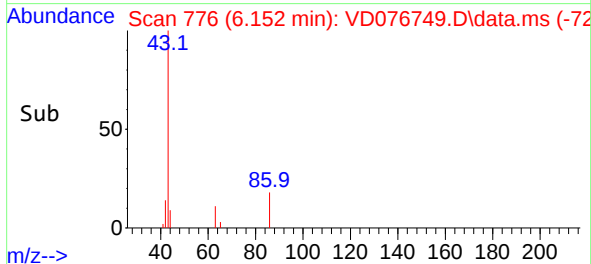
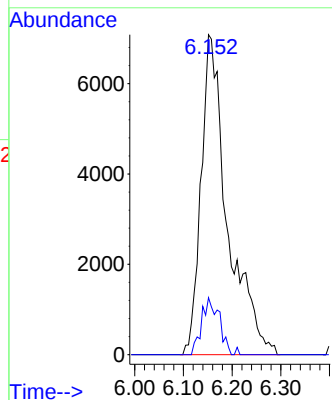
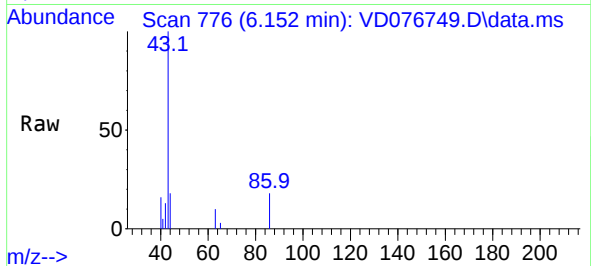




#23
 Vinyl Acetate
 Concen: 8.728 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD076749.D
 Acq: 17 Jul 2023 12:41

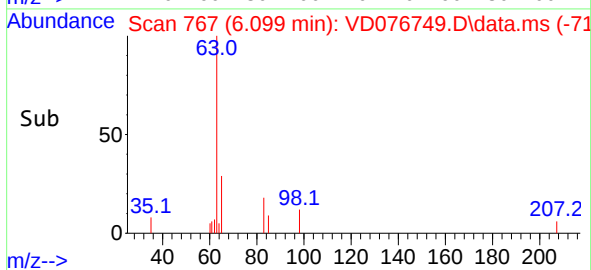
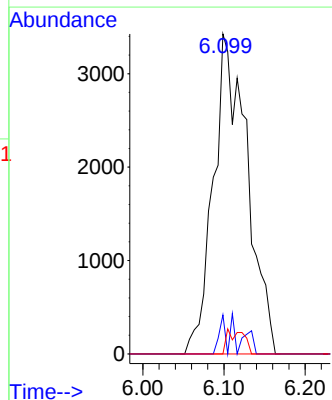
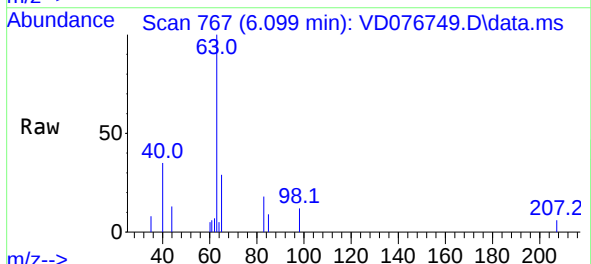
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

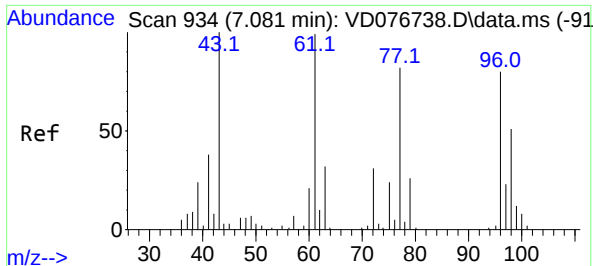
Tgt Ion: 43 Resp: 26709
 Ion Ratio Lower Upper
 43 100
 86 17.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 2.380 ug/l
 RT: 6.099 min Scan# 767
 Delta R.T. -0.006 min
 Lab File: VD076749.D
 Acq: 17 Jul 2023 12:41

Tgt Ion: 63 Resp: 9926
 Ion Ratio Lower Upper
 63 100
 98 12.2 4.5 13.7
 100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 15.962 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

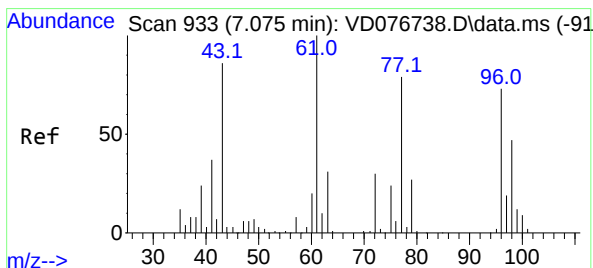
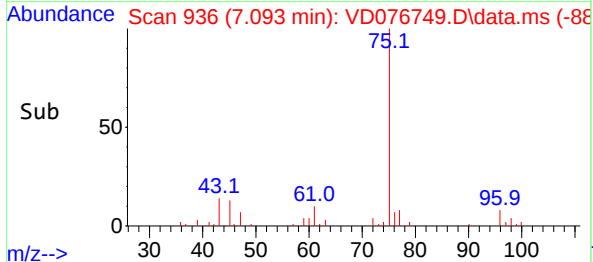
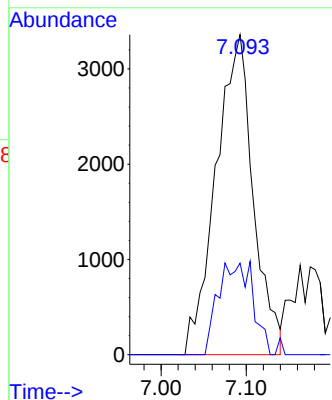
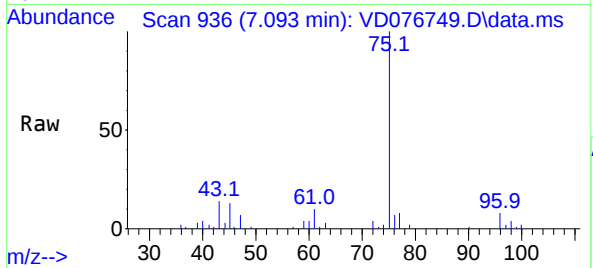
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion: 43 Resp: 10224

Ion Ratio Lower Upper

43 100

72 28.6 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 3.658 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076749.D

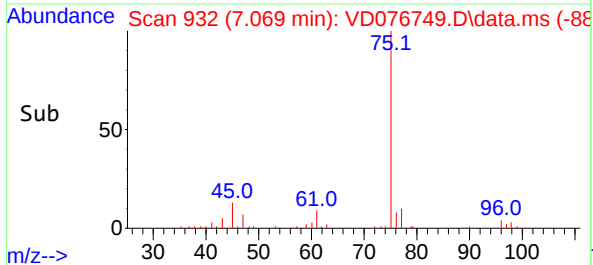
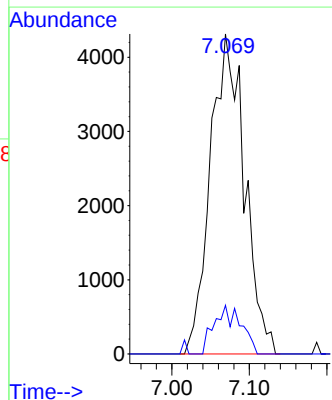
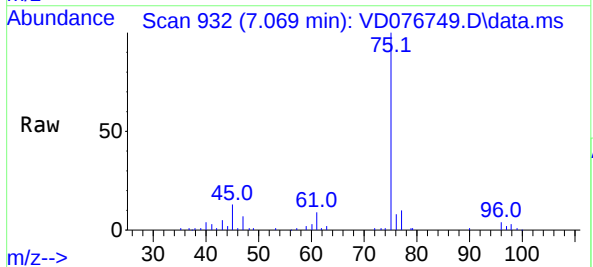
Acq: 17 Jul 2023 12:41

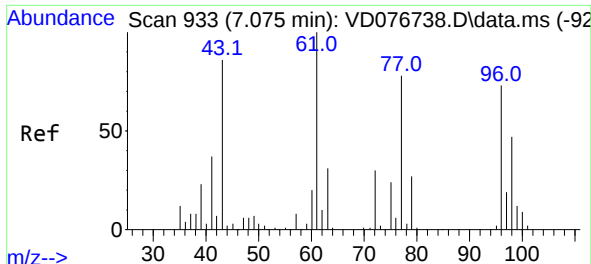
Tgt Ion: 77 Resp: 13149

Ion Ratio Lower Upper

77 100

97 12.0 13.2 39.6#

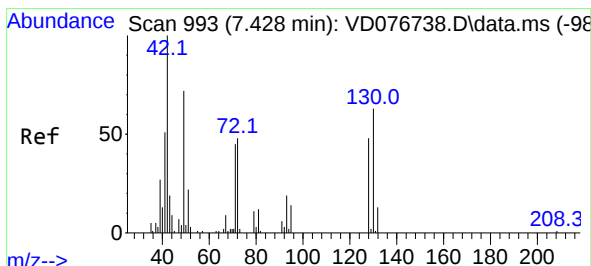
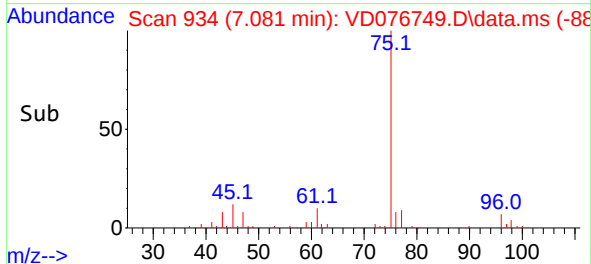
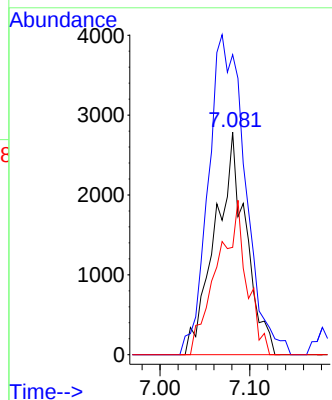
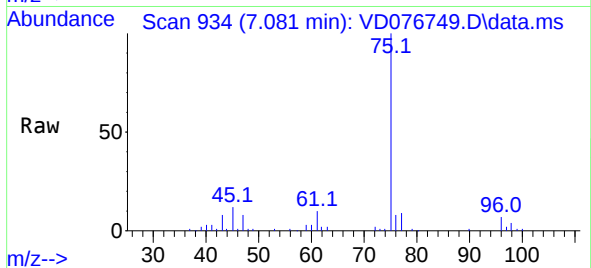




#27
cis-1,2-Dichloroethene
Concen: 2.324 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

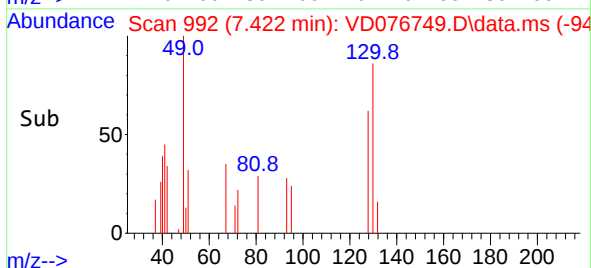
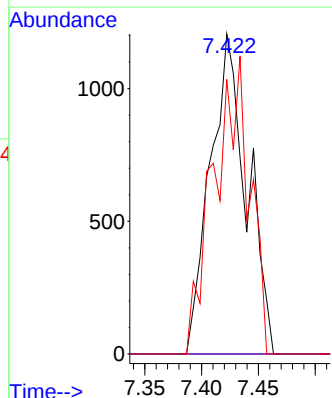
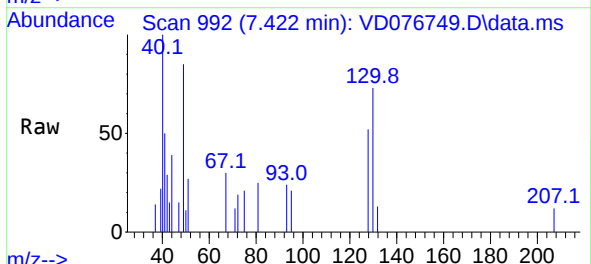
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

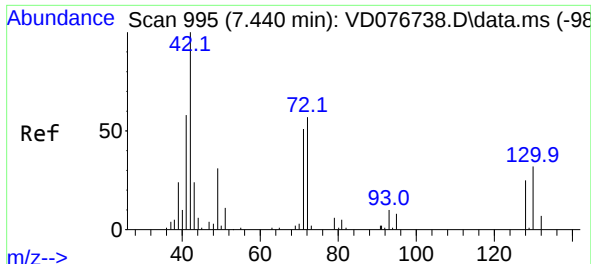
Tgt Ion: 96 Resp: 6622
Ion Ratio Lower Upper
96 100
61 173.0 0.0 239.2
98 66.3 0.0 128.6



#28
Bromochloromethane
Concen: 2.599 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 49 Resp: 2709
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 90.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 9.085 ug/l

RT: 7.451 min Scan# 995

Delta R.T. 0.011 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

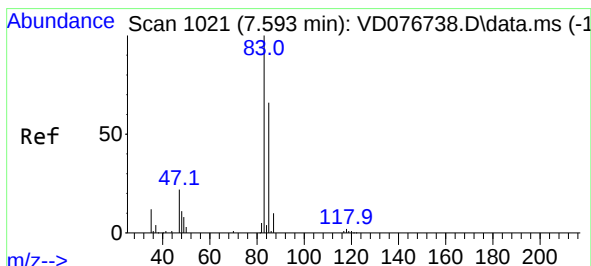
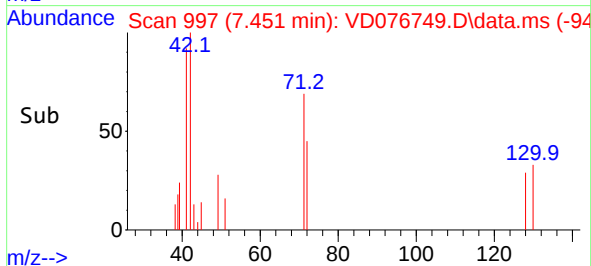
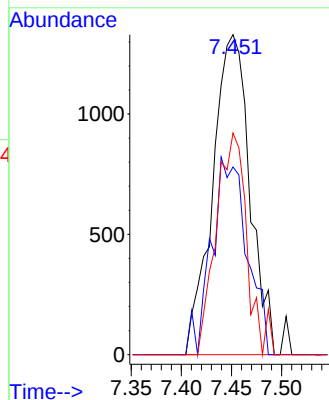
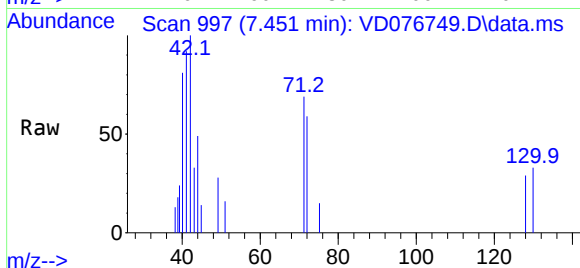
Tgt Ion: 42 Resp: 3438

Ion Ratio Lower Upper

42 100

72 59.1 46.5 69.7

71 57.0 44.5 66.7



#30

Chloroform

Concen: 2.333 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076749.D

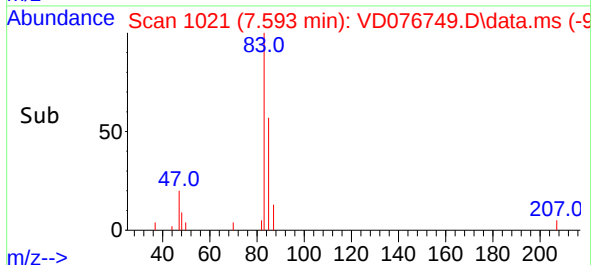
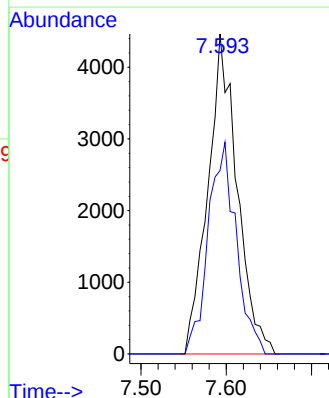
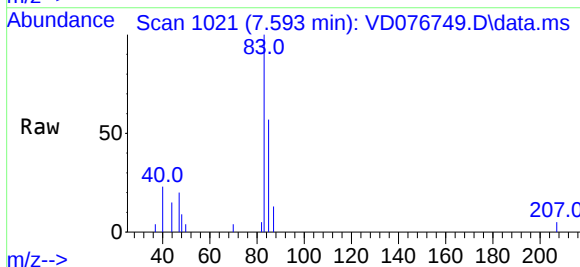
Acq: 17 Jul 2023 12:41

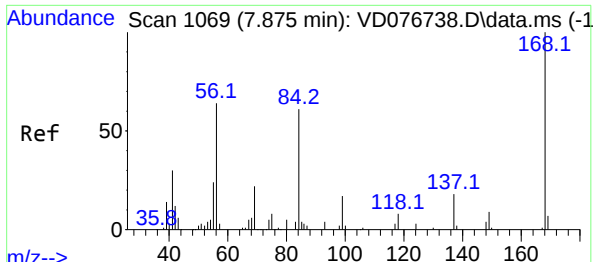
Tgt Ion: 83 Resp: 10653

Ion Ratio Lower Upper

83 100

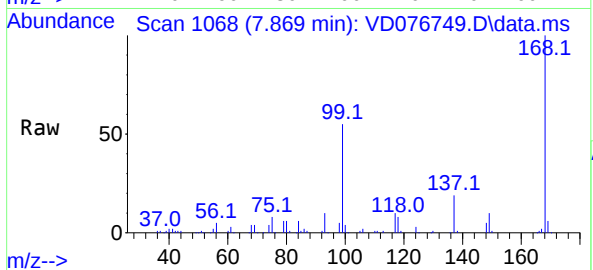
85 57.3 53.4 80.2



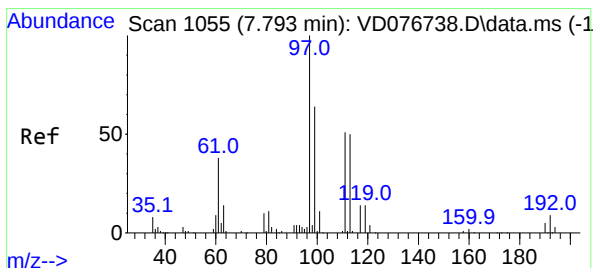
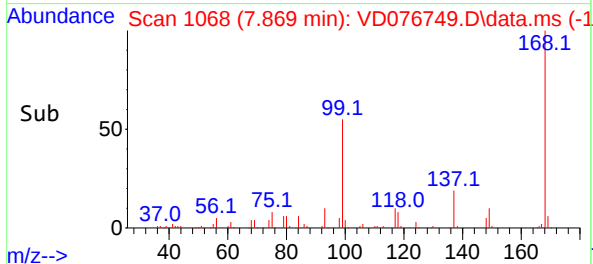
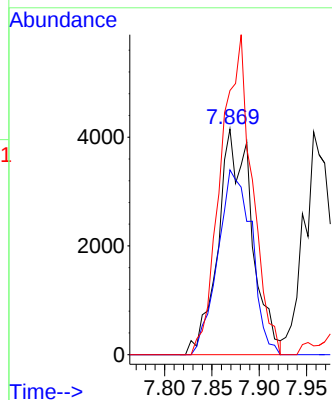


#31
Cyclohexane
Concen: 3.488 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023

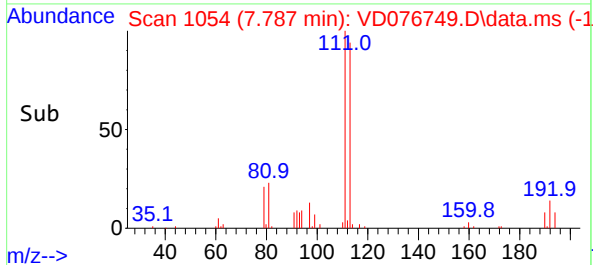
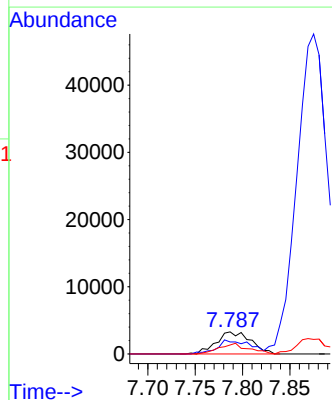
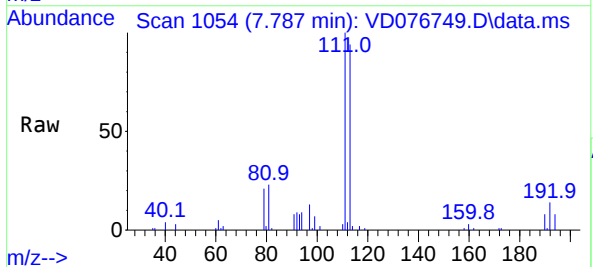


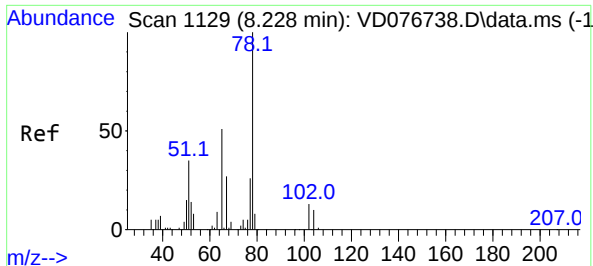
Tgt Ion: 56 Resp: 10287
Ion Ratio Lower Upper
56 100
69 81.9 28.6 43.0#
84 117.1 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 2.254 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 97 Resp: 8304
Ion Ratio Lower Upper
97 100
99 60.0 52.0 78.0
61 40.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.887 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

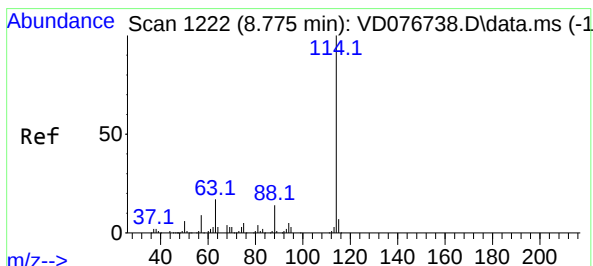
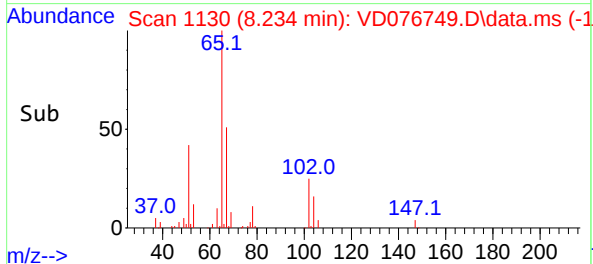
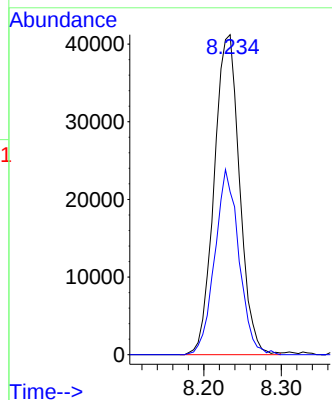
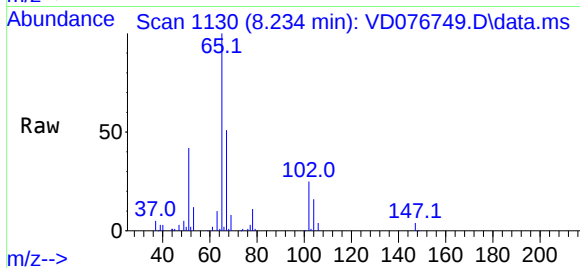
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion: 65 Resp: 93959

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

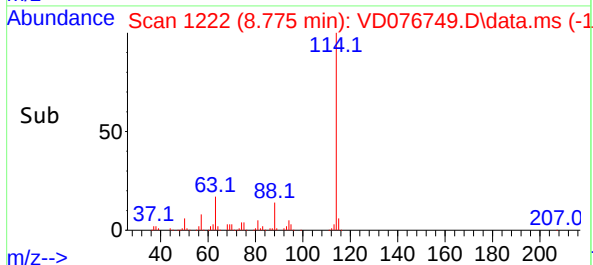
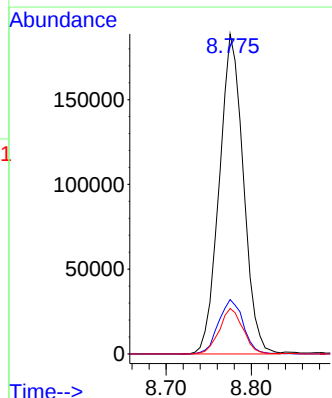
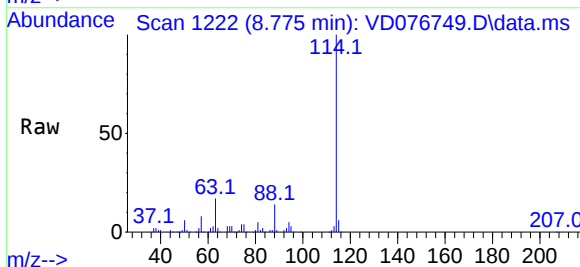
Tgt Ion:114 Resp: 371102

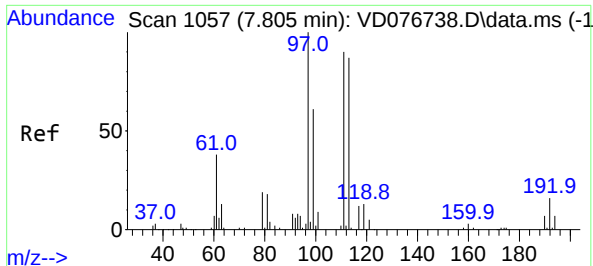
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

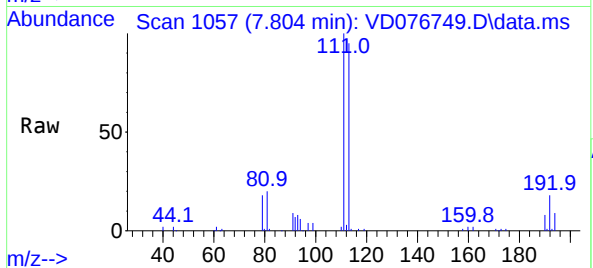
88 14.2 0.0 26.2



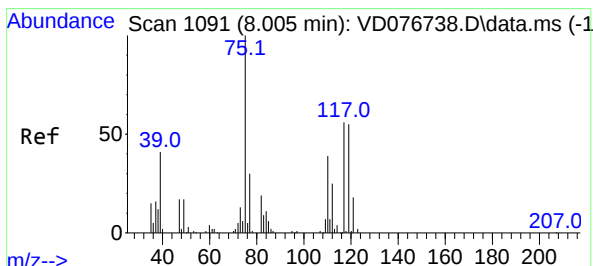
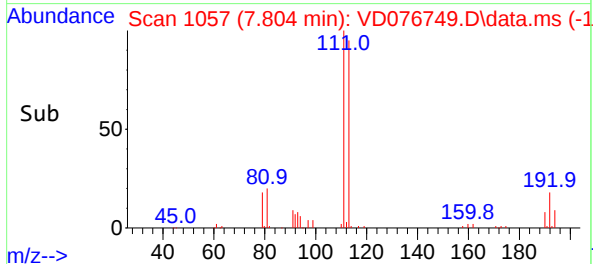
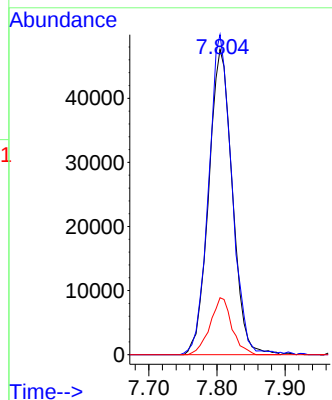


#35
Dibromofluoromethane
Concen: 49.178 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023

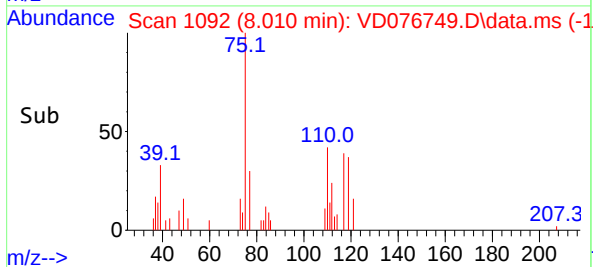
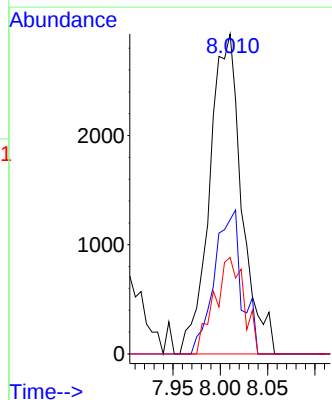
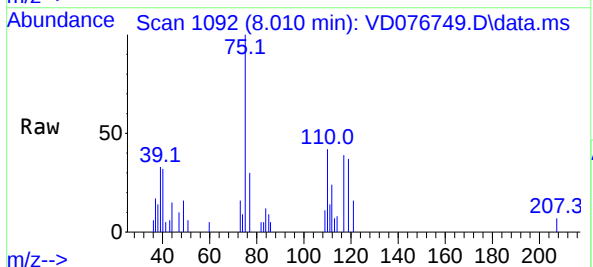


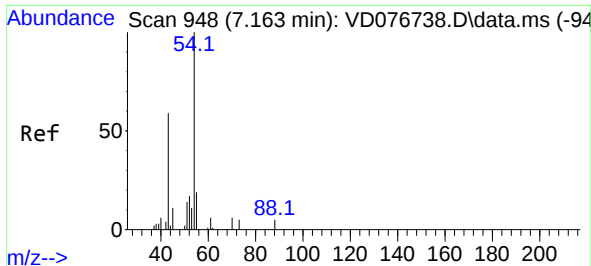
Tgt Ion:113 Resp: 114684
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 17.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 2.270 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.005 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 75 Resp: 6918
Ion Ratio Lower Upper
75 100
110 38.1 19.9 59.6
77 27.4 24.7 37.1

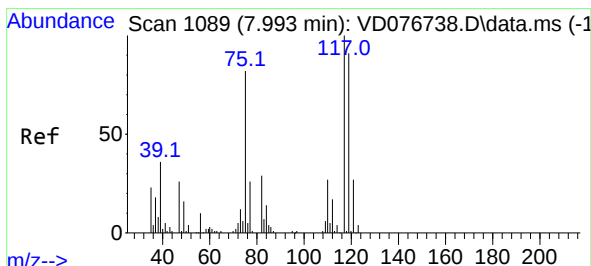
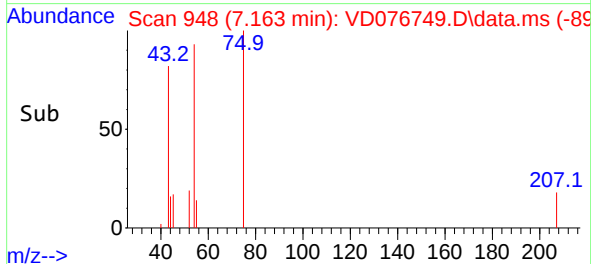
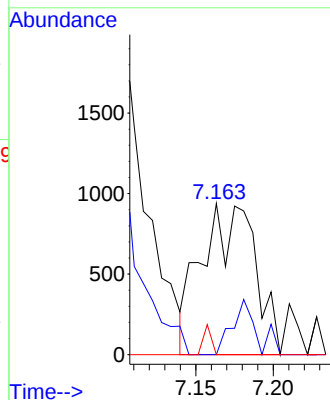
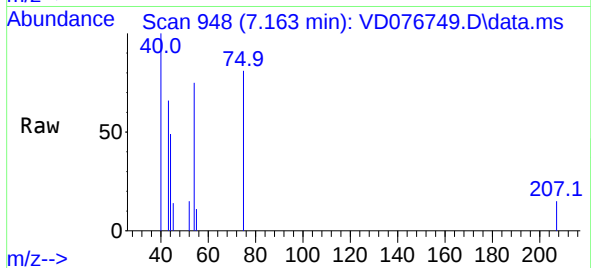




#37
Ethyl Acetate
Concen: 1.648 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

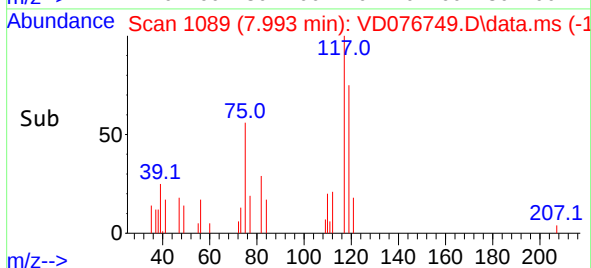
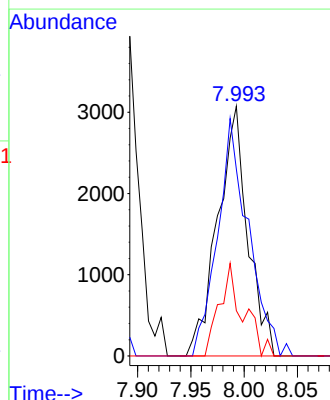
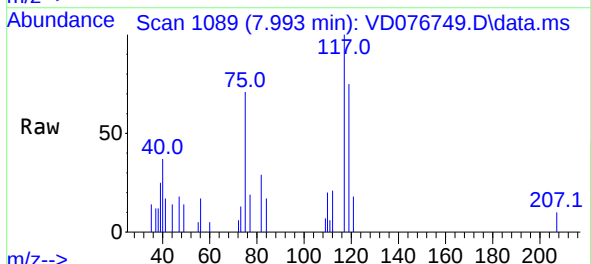
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

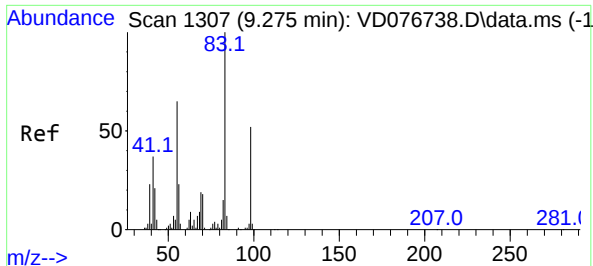
Tgt Ion: 43 Resp: 2246
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 2.9 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 2.071 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 117 Resp: 6043
Ion Ratio Lower Upper
117 100
119 74.8 78.0 117.0#
121 18.1 24.2 36.2#





#39

Methylcyclohexane

Concen: 2.197 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

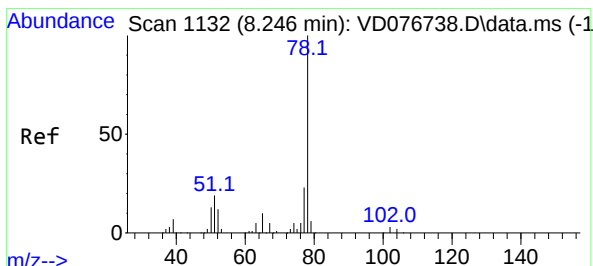
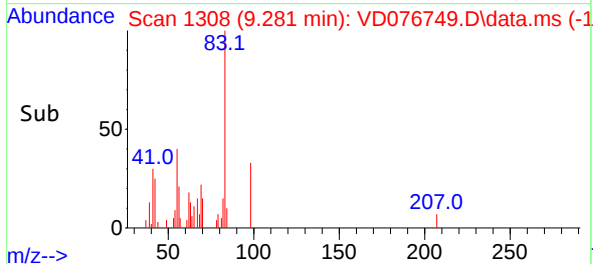
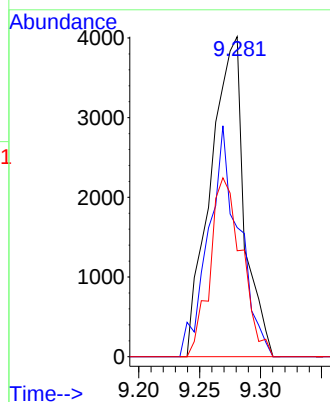
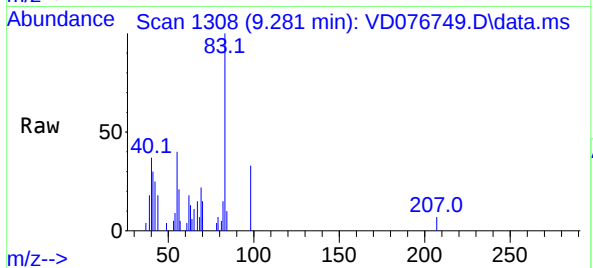
Tgt Ion: 83 Resp: 7731

Ion Ratio Lower Upper

83 100

55 40.3 49.4 74.0#

98 33.1 38.4 57.6#



#40

Benzene

Concen: 2.221 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076749.D

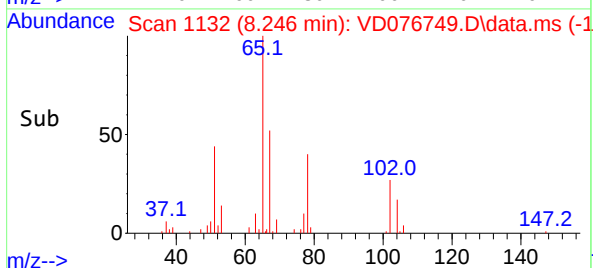
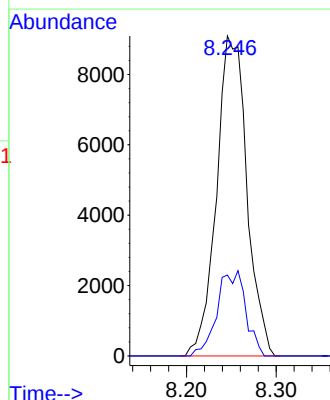
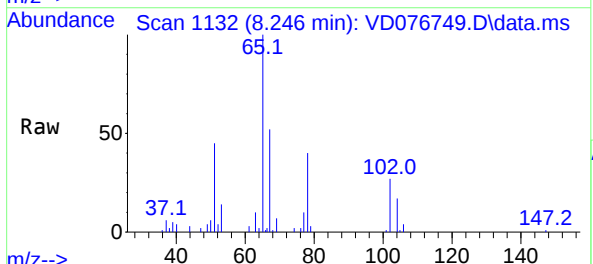
Acq: 17 Jul 2023 12:41

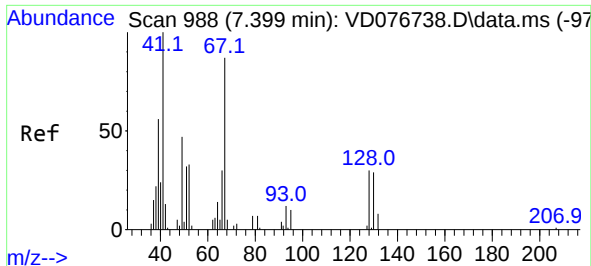
Tgt Ion: 78 Resp: 21356

Ion Ratio Lower Upper

78 100

77 25.3 19.4 29.0

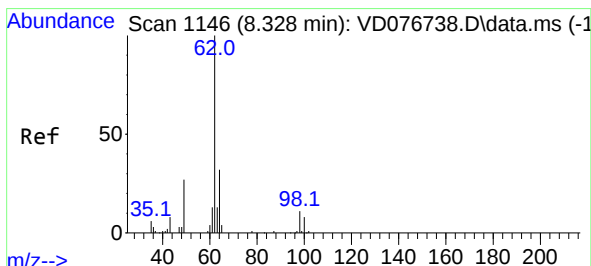
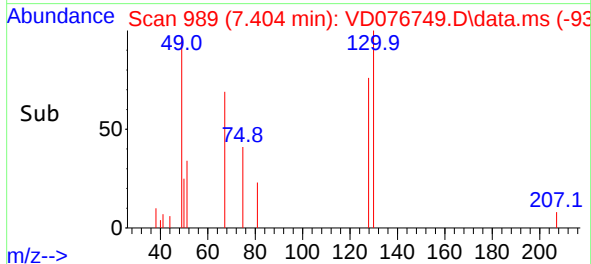
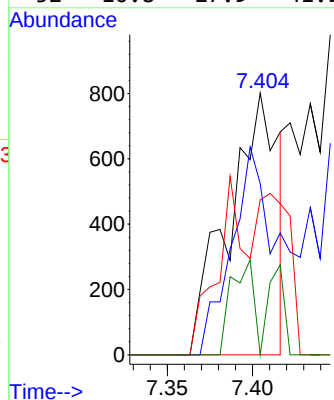
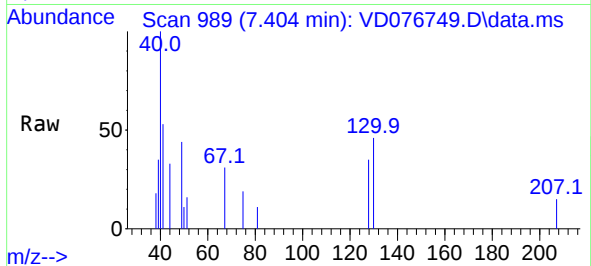




#41
Methacrylonitrile
Concen: 1.943 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

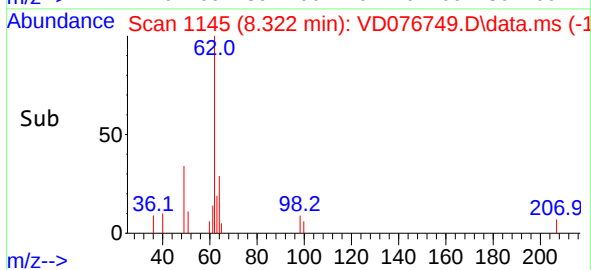
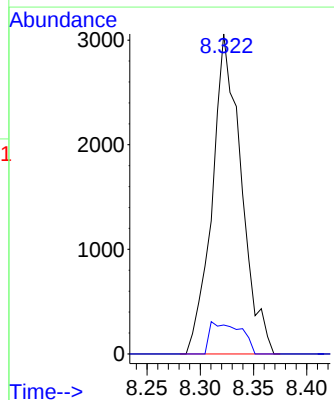
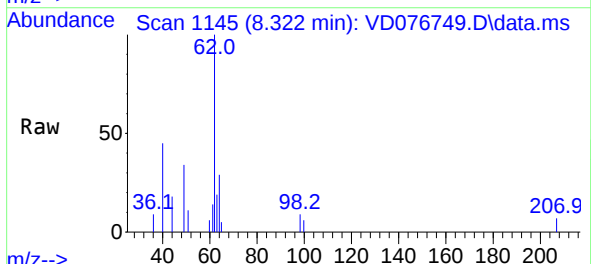
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

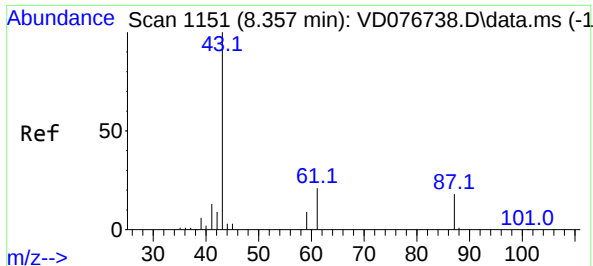
Tgt Ion:	41	Resp:	1617
Ion	Ratio	Lower	Upper
41	100		
39	0.0	34.0	51.0#
67	40.5	77.0	115.4#
52	10.8	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 2.322 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:	62	Resp:	5802
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	25.4

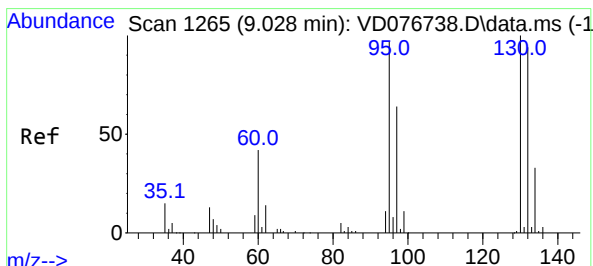
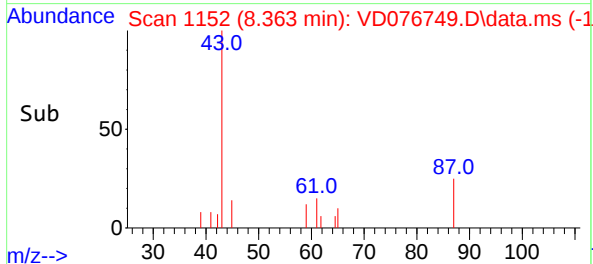
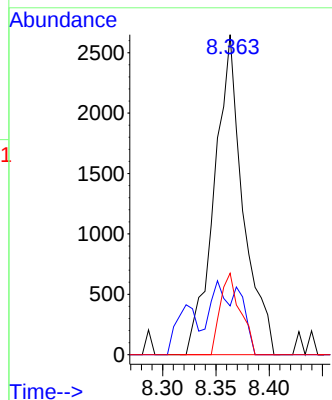
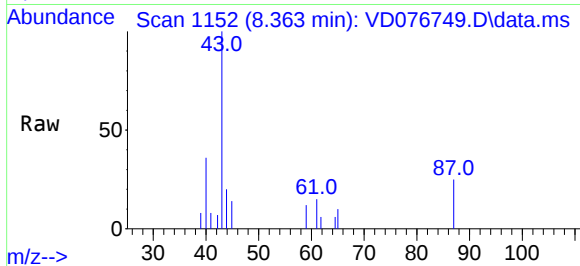




#43
Isopropyl Acetate
Concen: 1.866 ug/l
RT: 8.363 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

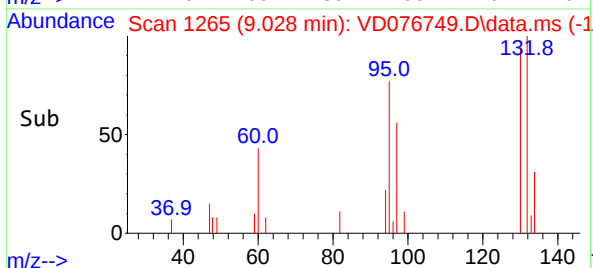
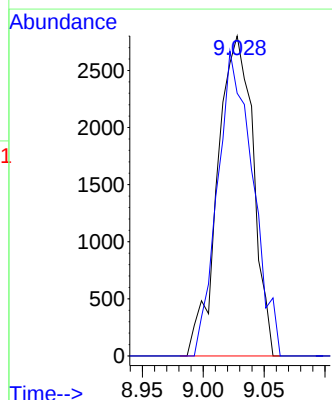
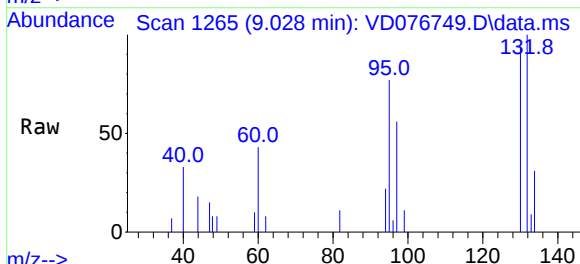
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023

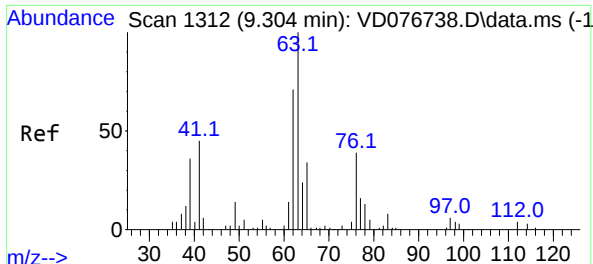
Tgt Ion: 43 Resp: 4963
Ion Ratio Lower Upper
43 100
61 8.3 31.4 47.0#
87 17.8 14.9 22.3



#44
Trichloroethene
Concen: 2.172 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:130 Resp: 5690
Ion Ratio Lower Upper
130 100
95 82.1 0.0 179.2

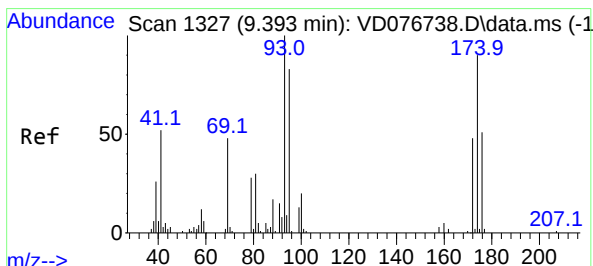
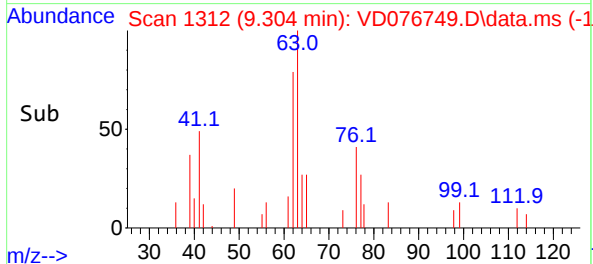
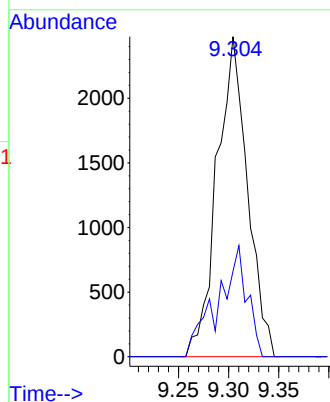
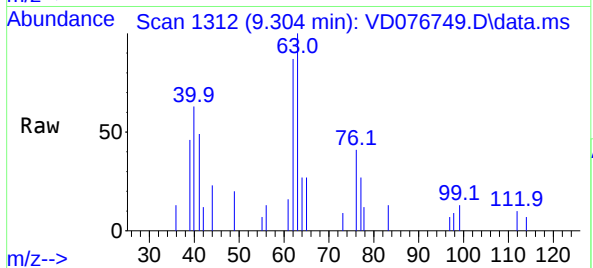




#45
1,2-Dichloropropane
Concen: 2.114 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

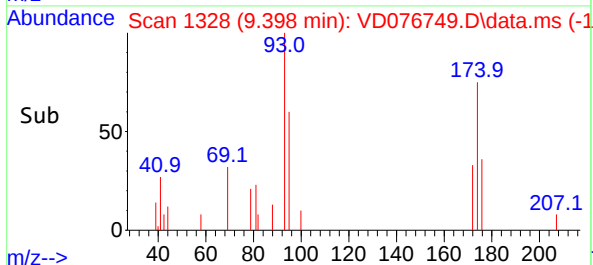
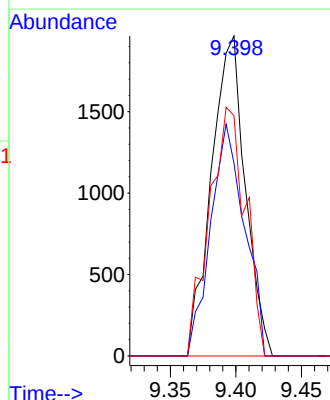
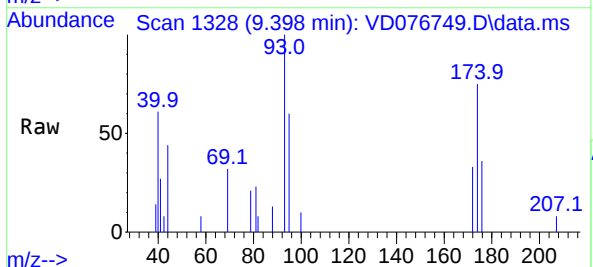
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

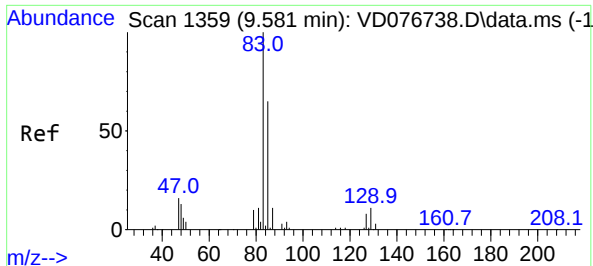
Tgt Ion: 63 Resp: 5246
Ion Ratio Lower Upper
63 100
65 26.7 24.5 36.7



#46
Dibromomethane
Concen: 2.431 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. 0.005 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 93 Resp: 3532
Ion Ratio Lower Upper
93 100
95 72.4 67.7 101.5
174 82.5 85.4 128.2#

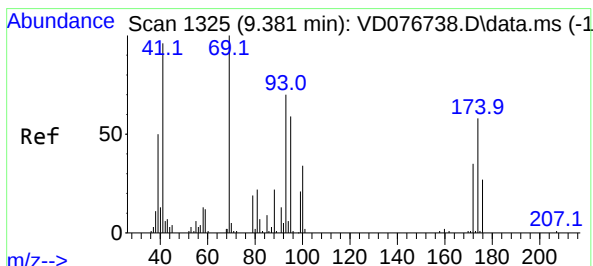
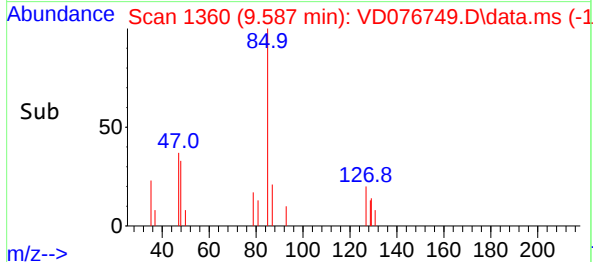
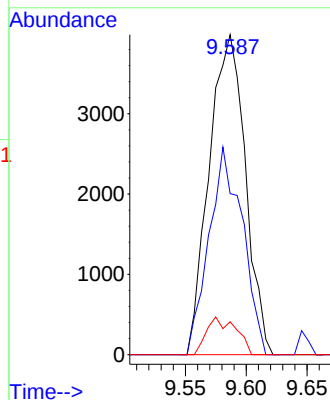
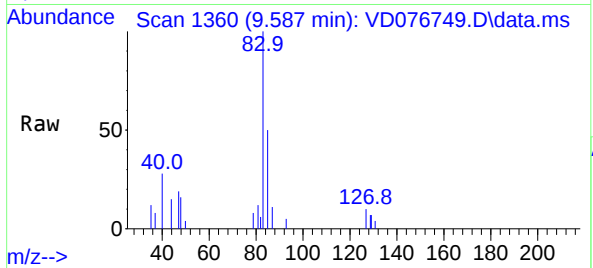




#47
Bromodichloromethane
Concen: 2.263 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

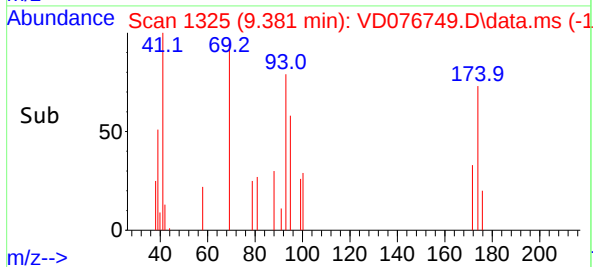
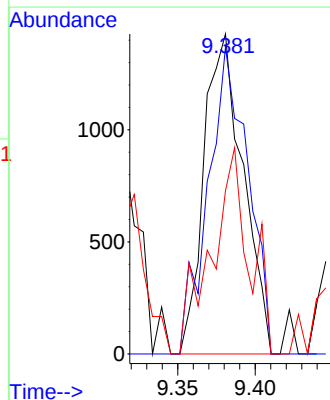
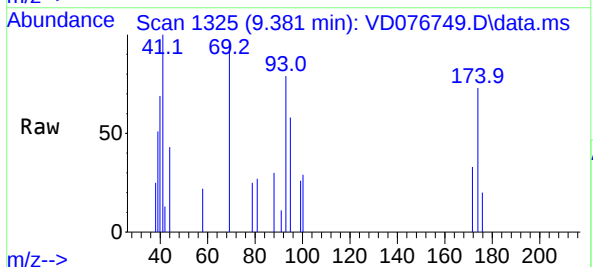
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

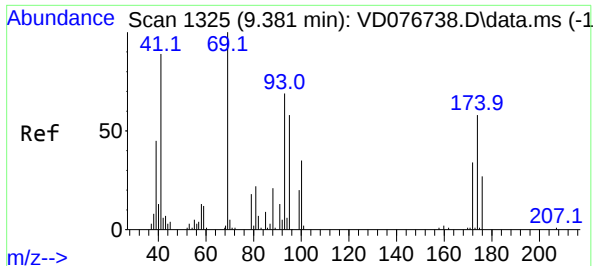
Tgt Ion: 83 Resp: 8250
Ion Ratio Lower Upper
83 100
85 50.4 50.2 75.4
127 10.3 6.3 9.5#



#48
Methyl methacrylate
Concen: 2.067 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

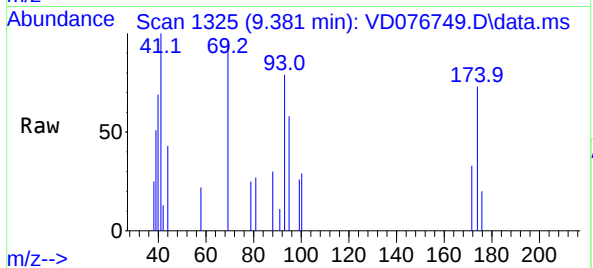
Tgt Ion: 41 Resp: 2502
Ion Ratio Lower Upper
41 100
69 98.1 102.2 153.2#
39 62.2 41.4 62.2#



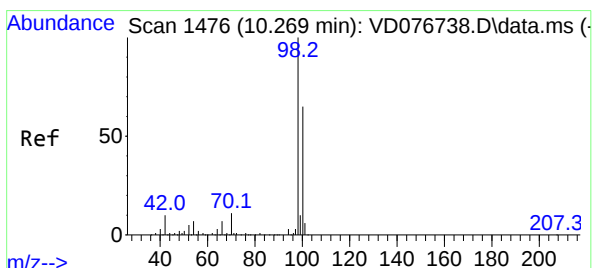
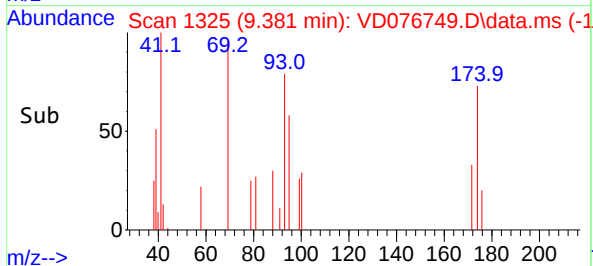
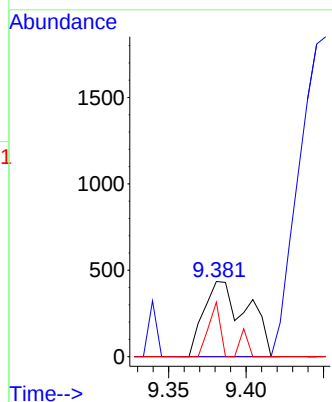


#49
1,4-Dioxane
Concen: 45.343 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

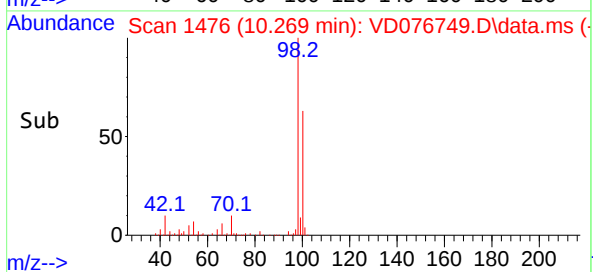
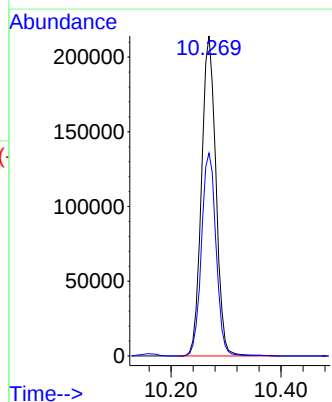
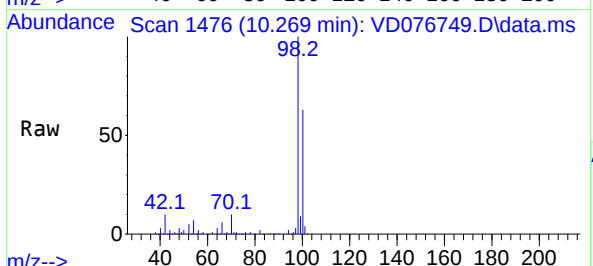


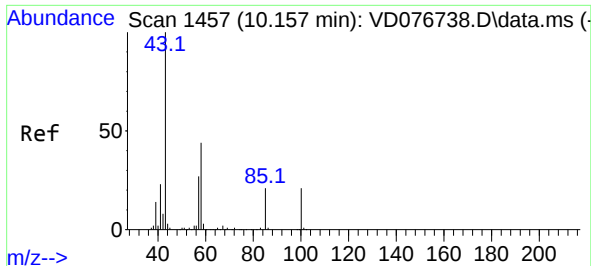
Tgt Ion: 88 Resp: 844
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 19.4 43.5 65.3#



#50
Toluene-d8
Concen: 46.562 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 98 Resp: 388444
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5

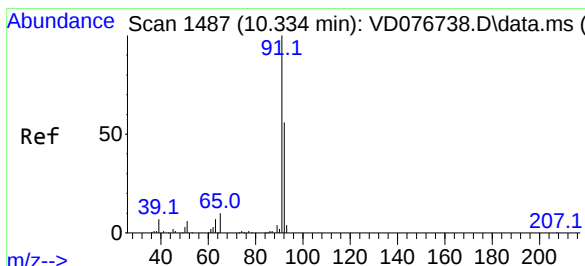
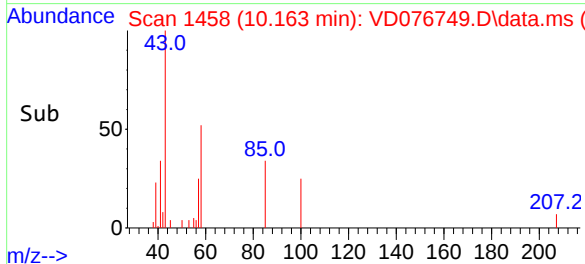
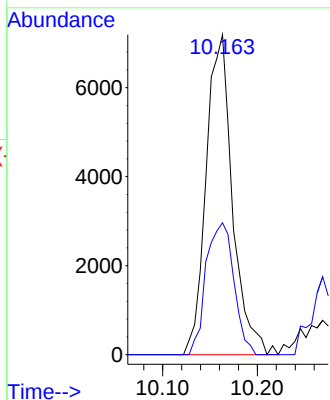
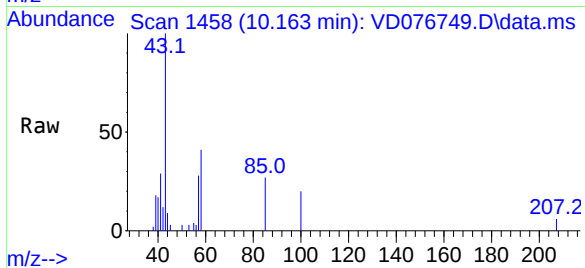




#51
4-Methyl-2-Pentanone
Concen: 9.836 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

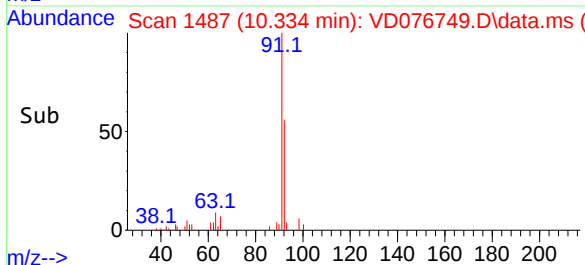
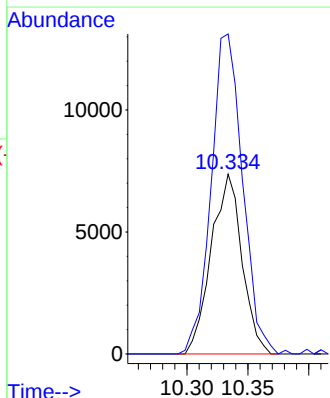
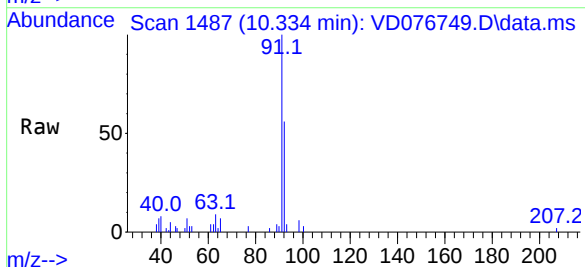
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

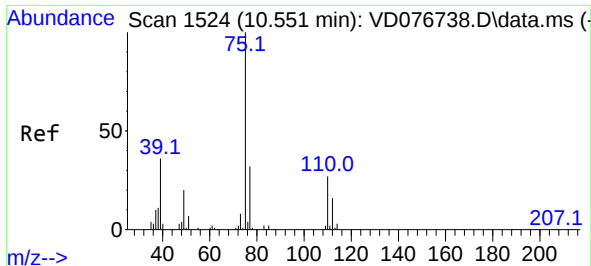
Tgt Ion: 43 Resp: 13929
Ion Ratio Lower Upper
43 100
58 43.4 38.9 58.3



#52
Toluene
Concen: 2.046 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 92 Resp: 12923
Ion Ratio Lower Upper
92 100
91 182.2 143.0 214.4

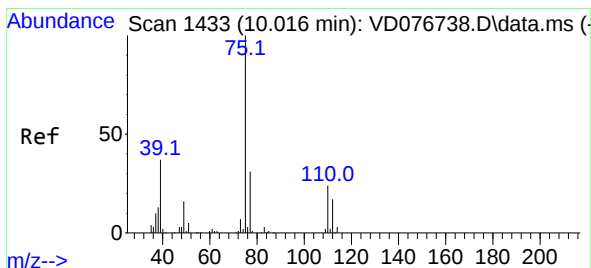
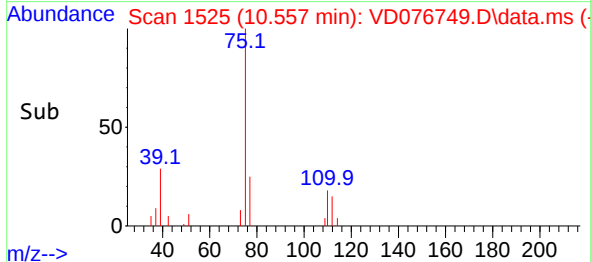
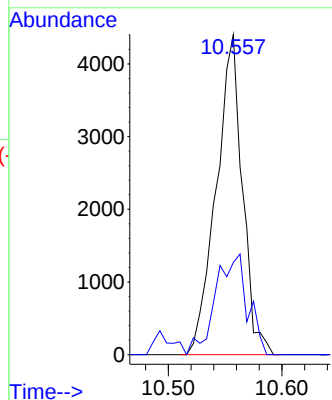
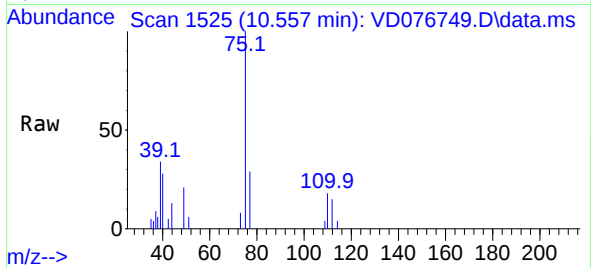




#53
t-1,3-Dichloropropene
Concen: 2.082 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

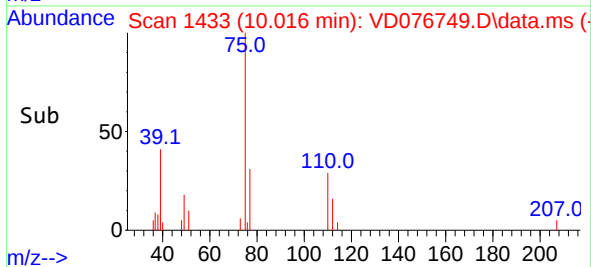
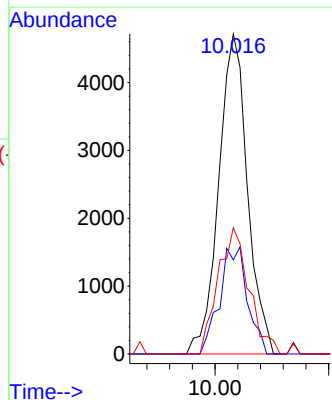
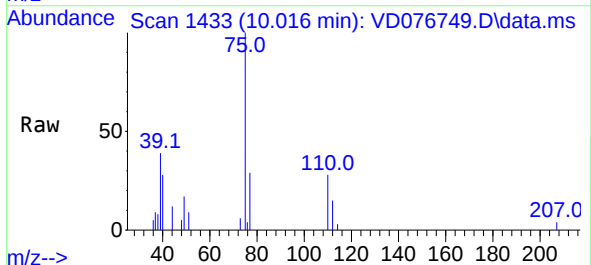
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

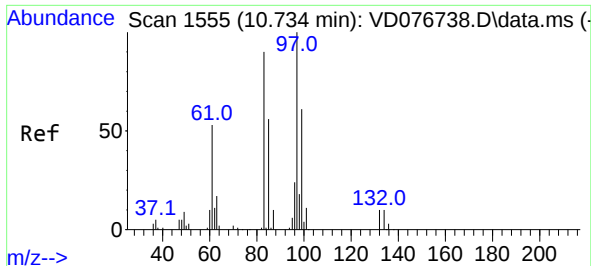
Tgt Ion: 75 Resp: 7045
Ion Ratio Lower Upper
75 100
77 28.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 2.078 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 75 Resp: 8289
Ion Ratio Lower Upper
75 100
77 29.4 25.5 38.3
39 39.4 22.1 33.1#

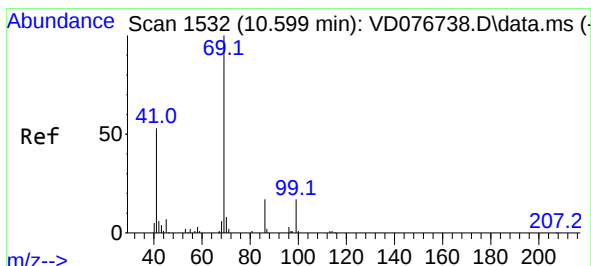
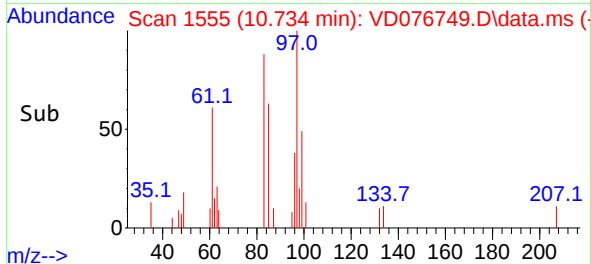
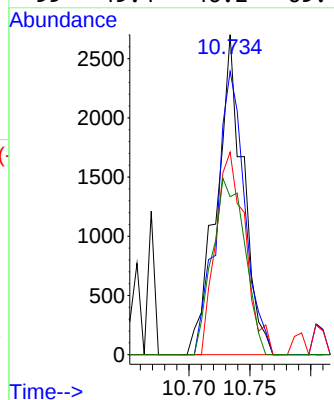
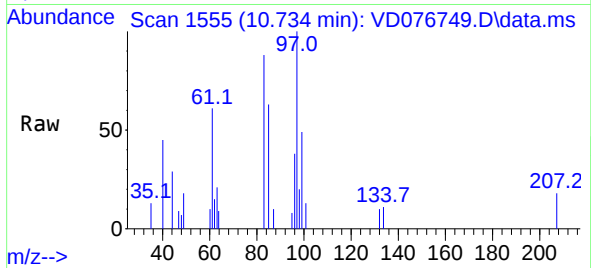




#55
1,1,2-Trichloroethane
Concen: 1.950 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

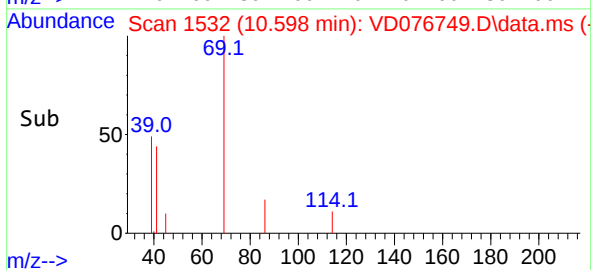
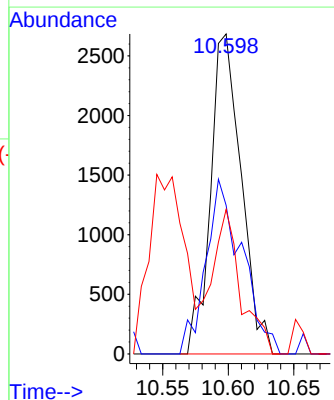
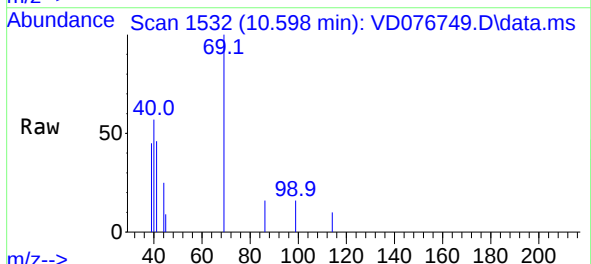
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023

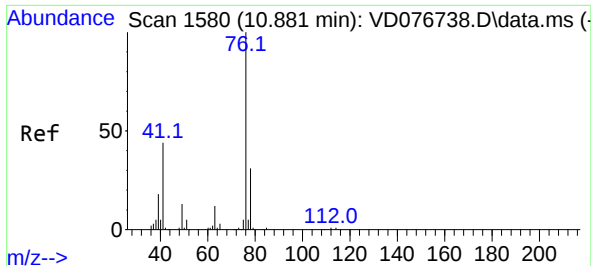
Tgt Ion:	97	Resp:	4136
Ion	Ratio	Lower	Upper
97	100		
83	88.5	65.8	98.6
85	63.3	45.7	68.5
99	49.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 1.790 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:	69	Resp:	4383
Ion	Ratio	Lower	Upper
69	100		
41	64.1	39.1	58.7#
39	39.2	20.0	30.0#

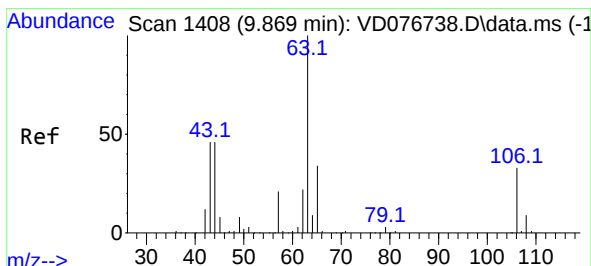
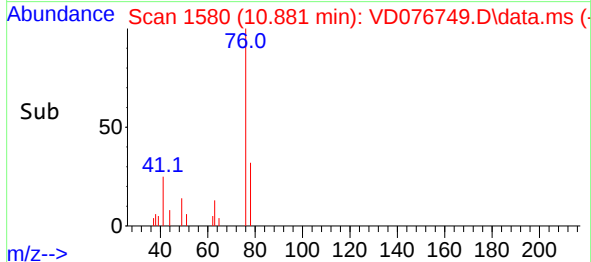
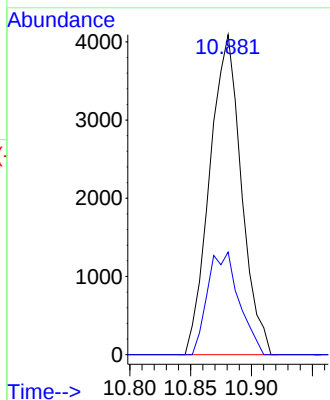
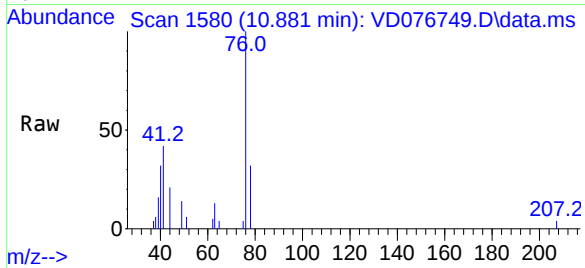




#57
1,3-Dichloropropane
Concen: 2.147 ug/l
RT: 10.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

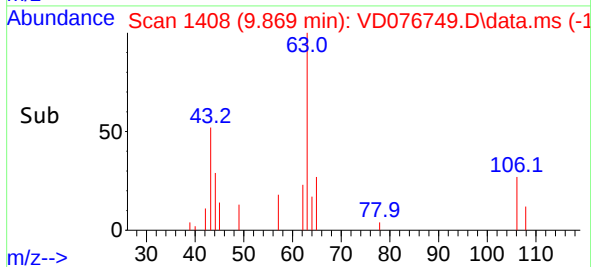
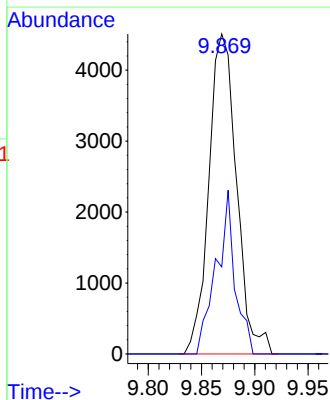
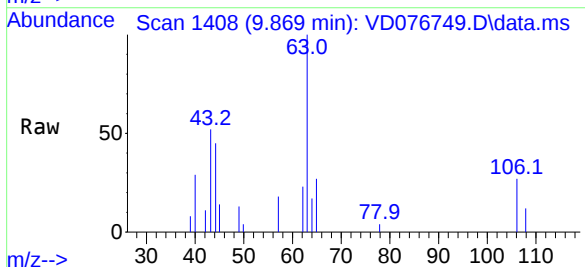
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023

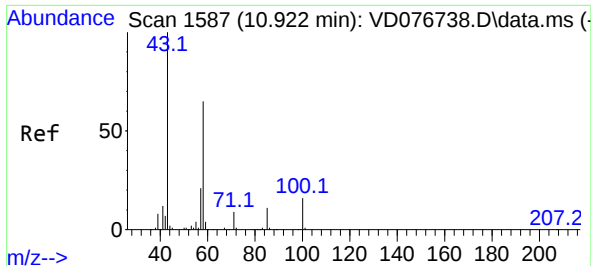
Tgt Ion: 76 Resp: 7416
Ion Ratio Lower Upper
76 100
78 31.8 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 8.598 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

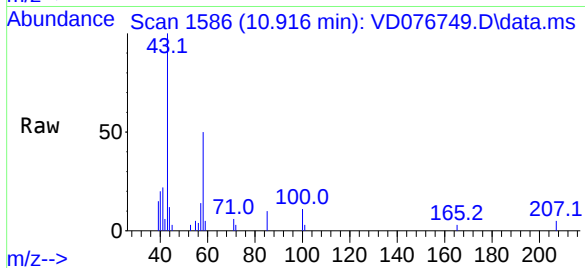
Tgt Ion: 63 Resp: 8149
Ion Ratio Lower Upper
63 100
106 34.6 25.3 37.9



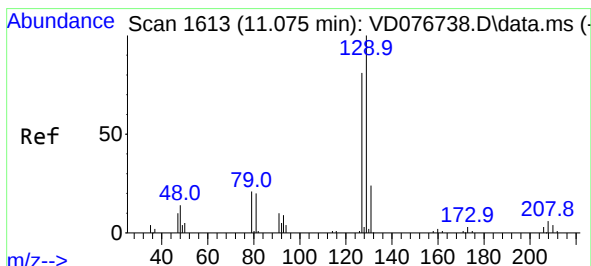
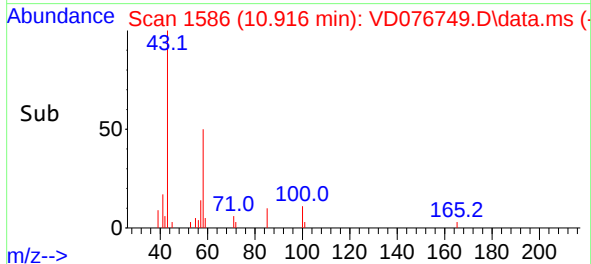
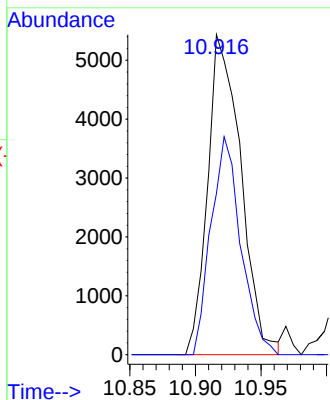


#59
2-Hexanone
Concen: 9.467 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

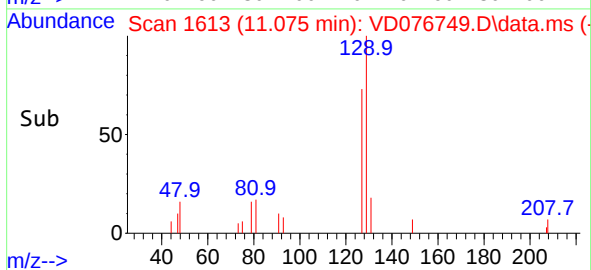
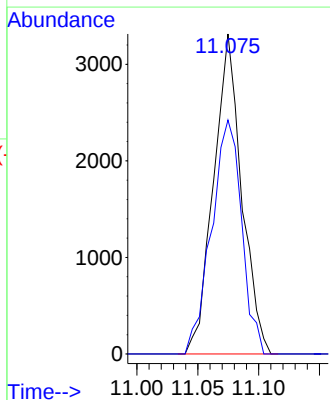
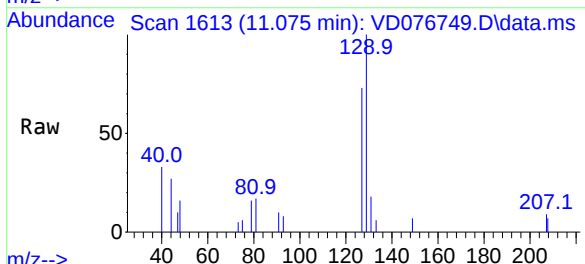


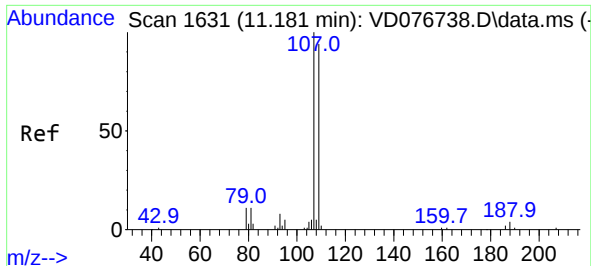
Tgt Ion: 43 Resp: 9566
Ion Ratio Lower Upper
43 100
58 61.2 34.1 102.2



#60
Dibromochloromethane
Concen: 2.161 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 129 Resp: 5327
Ion Ratio Lower Upper
129 100
127 78.4 37.1 111.5

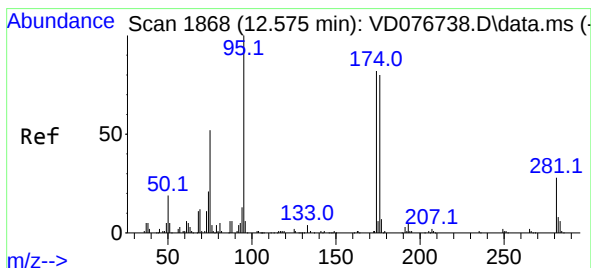
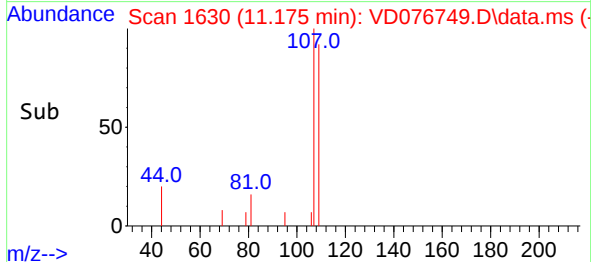
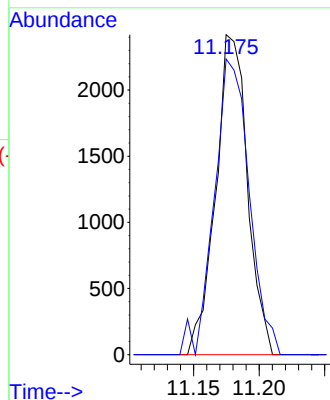
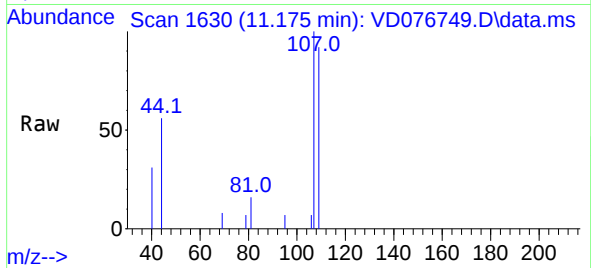




#61
1,2-Dibromoethane
Concen: 2.069 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

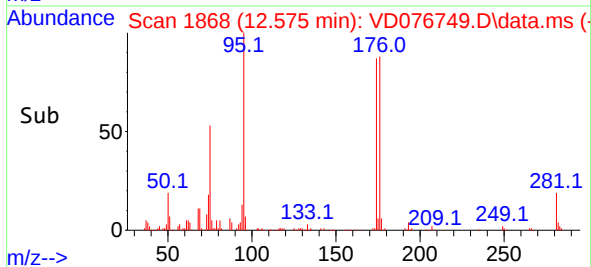
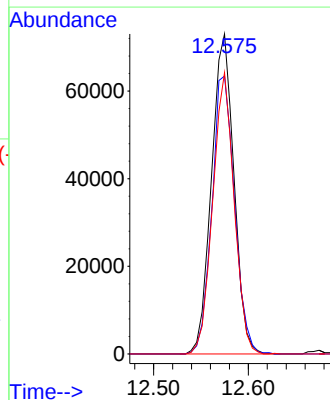
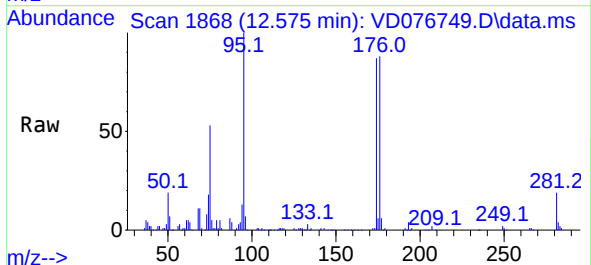
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

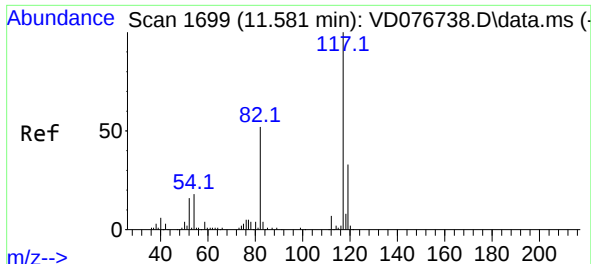
Tgt Ion:107 Resp: 4070
Ion Ratio Lower Upper
107 100
109 101.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.459 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 95 Resp: 119986
Ion Ratio Lower Upper
95 100
174 88.0 0.0 201.8
176 84.0 0.0 191.8

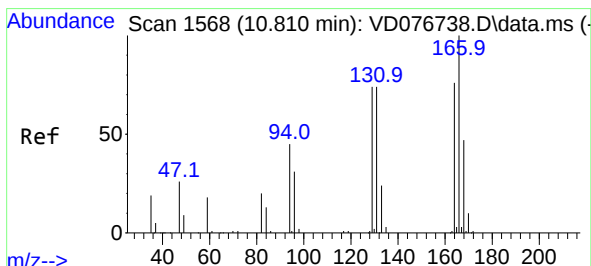
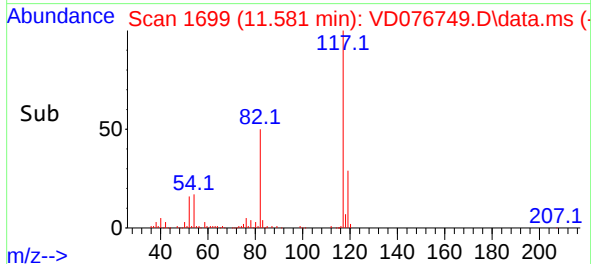
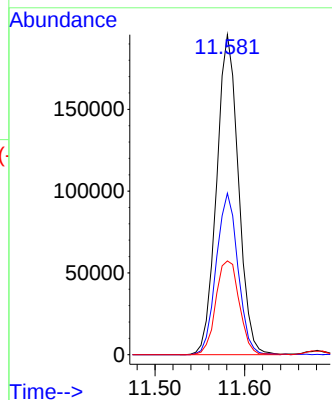
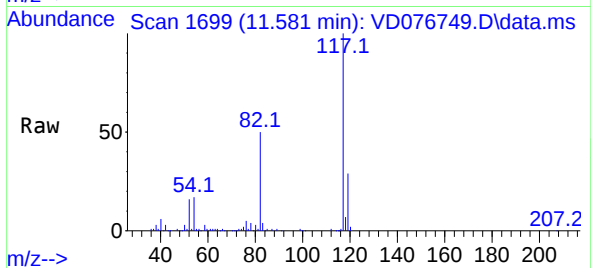




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

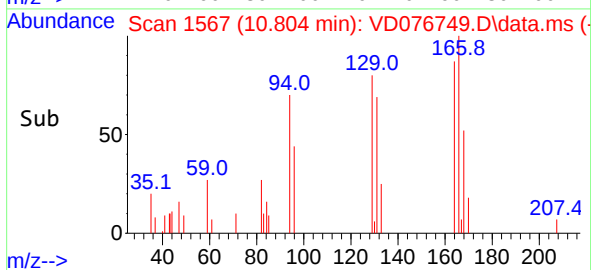
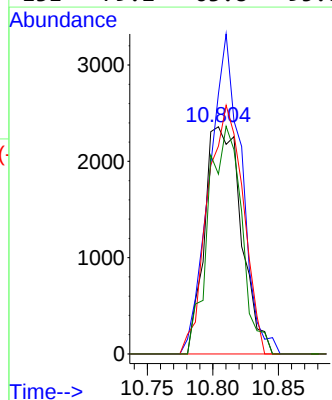
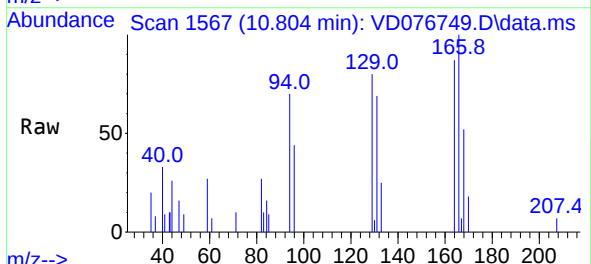
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

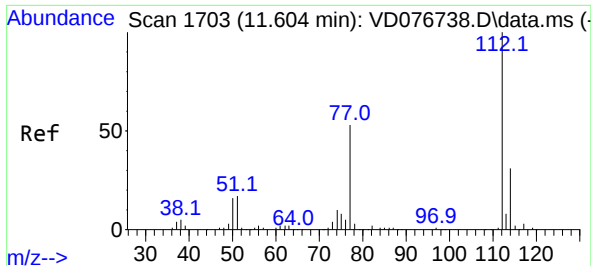
Tgt Ion:117 Resp: 330759
Ion Ratio Lower Upper
117 100
82 50.5 38.3 57.5
119 29.3 25.0 37.4



#64
Tetrachloroethene
Concen: 2.441 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:164 Resp: 4604
Ion Ratio Lower Upper
164 100
166 114.5 99.2 148.8
129 91.5 68.4 102.6
131 79.2 63.8 95.8

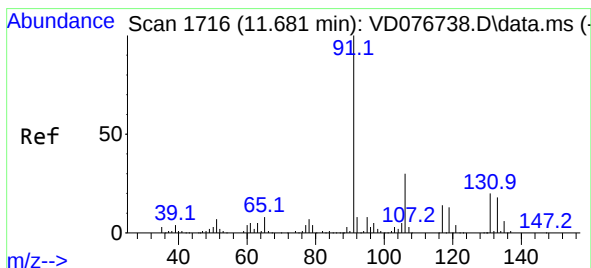
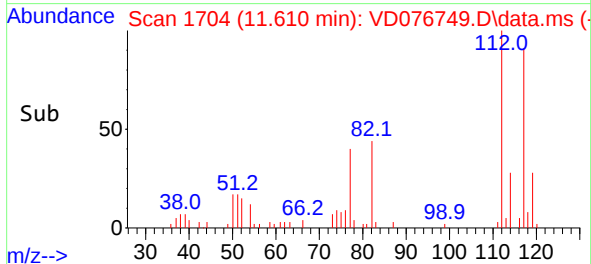
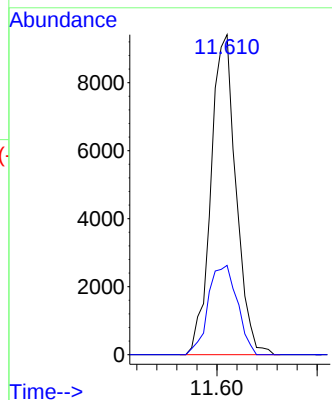
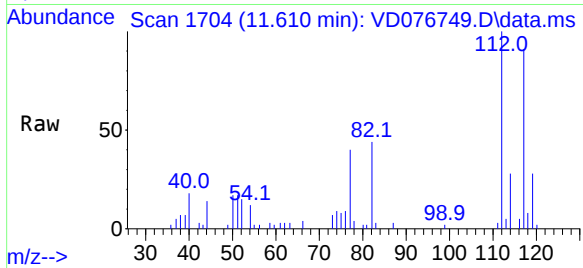




#65
Chlorobenzene
Concen: 2.454 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

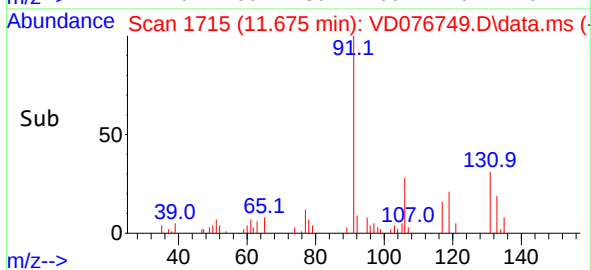
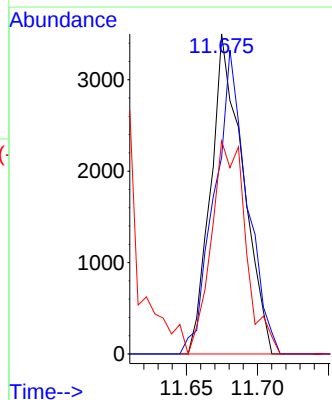
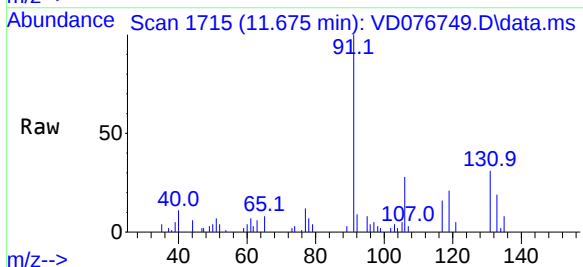
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

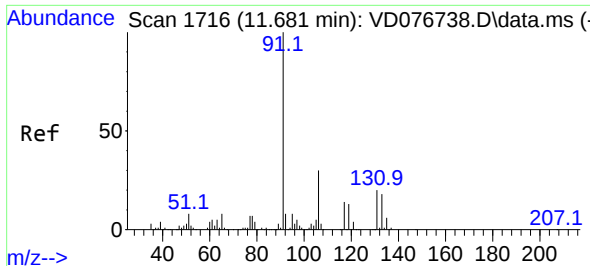
Tgt Ion:112 Resp: 16324
Ion Ratio Lower Upper
112 100
114 27.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 2.221 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:131 Resp: 5501
Ion Ratio Lower Upper
131 100
133 96.0 48.5 145.5
119 71.2 35.6 106.9

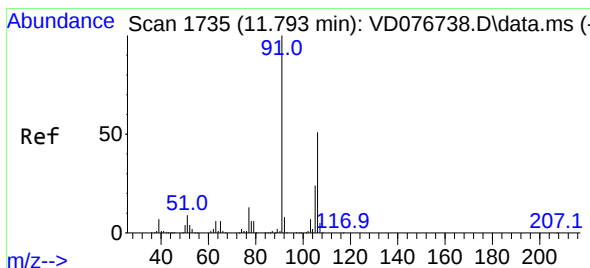
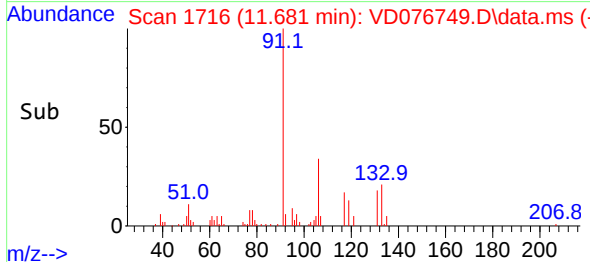
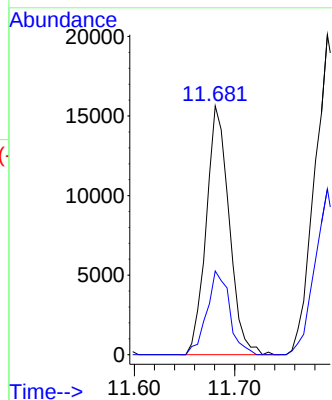
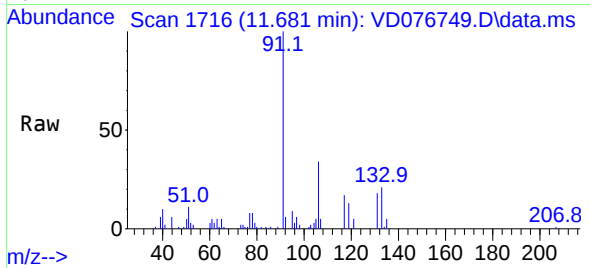




#67
Ethyl Benzene
Concen: 2.130 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

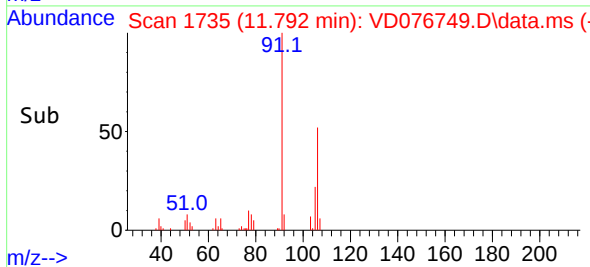
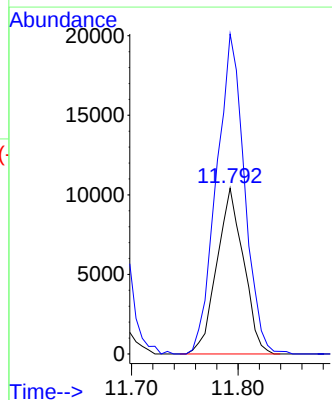
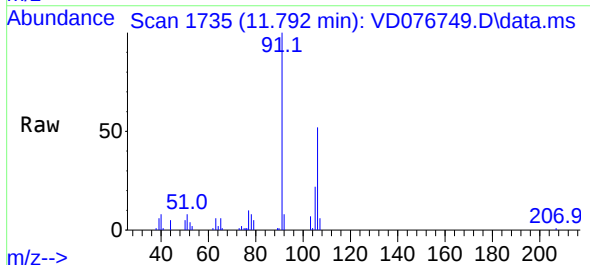
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023

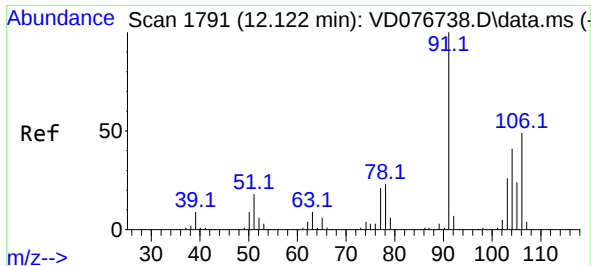
Tgt Ion: 91 Resp: 24888
Ion Ratio Lower Upper
91 100
106 33.6 26.5 39.7



#68
m/p-Xylenes
Concen: 4.051 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 106 Resp: 18174
Ion Ratio Lower Upper
106 100
91 202.4 147.0 220.6

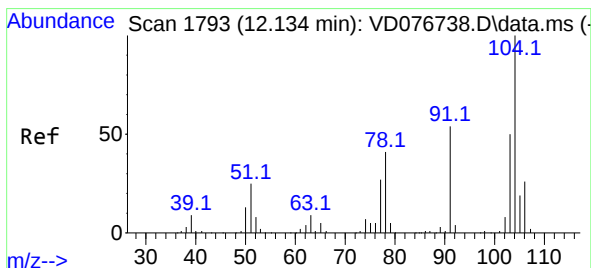
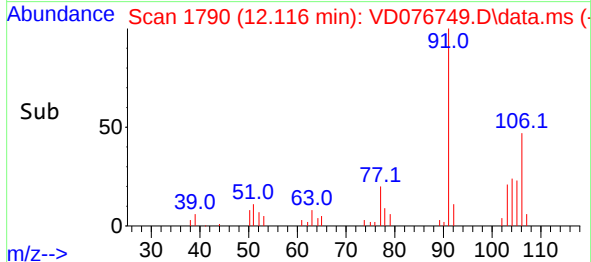
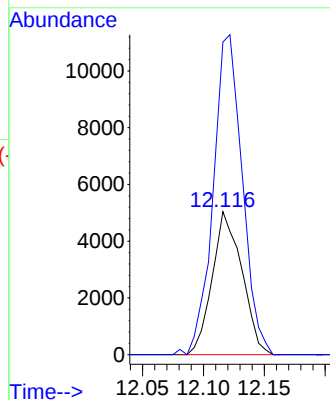
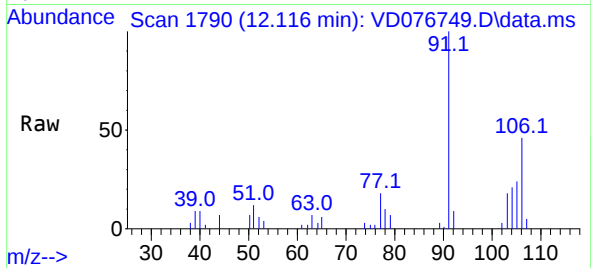




#69
o-Xylene
Concen: 1.971 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

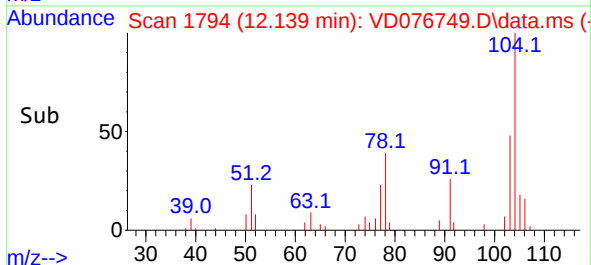
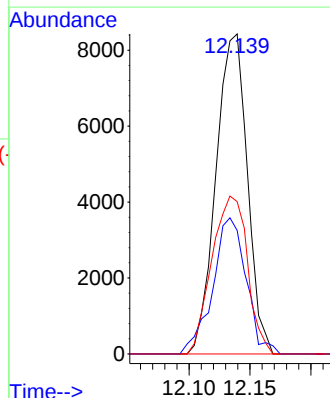
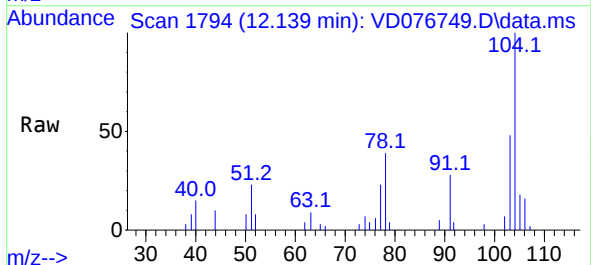
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

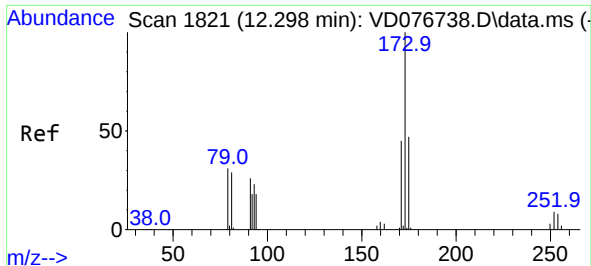
Tgt Ion:106 Resp: 8550
Ion Ratio Lower Upper
106 100
91 219.4 97.9 293.6



#70
Styrene
Concen: 1.989 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:104 Resp: 15106
Ion Ratio Lower Upper
104 100
78 45.4 33.2 49.8
103 55.9 43.6 65.4

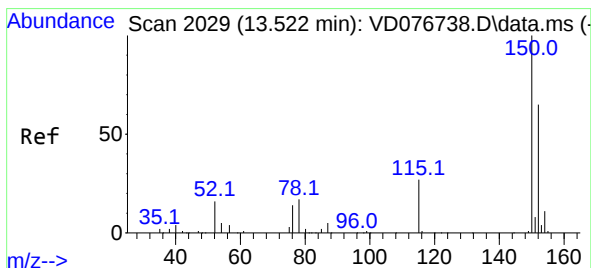
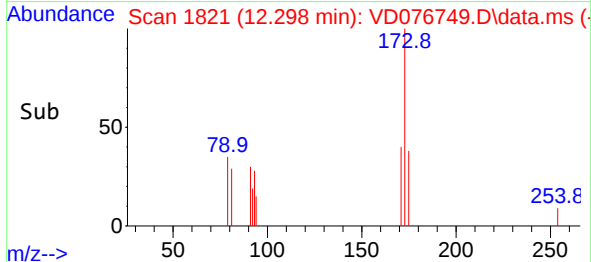
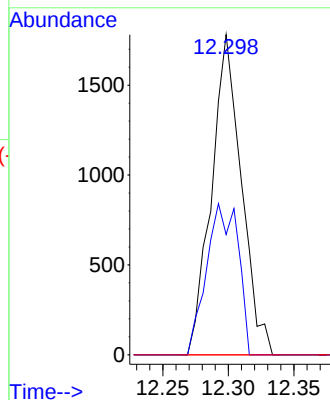
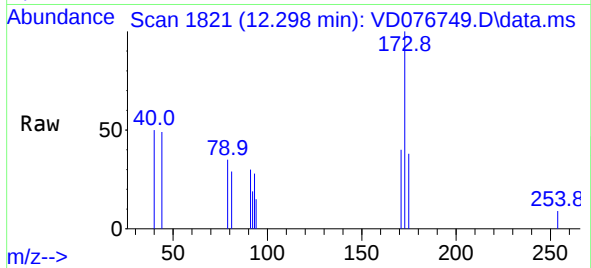




#71
Bromoform
Concen: 2.084 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

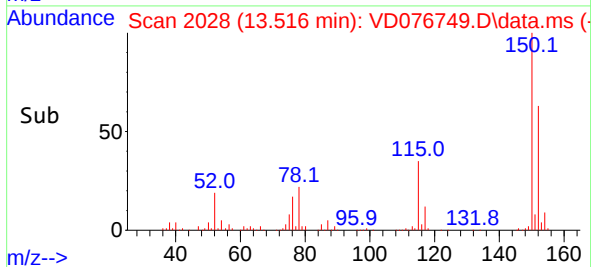
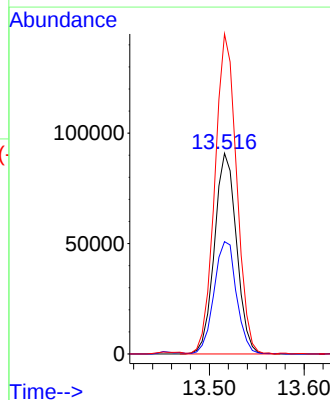
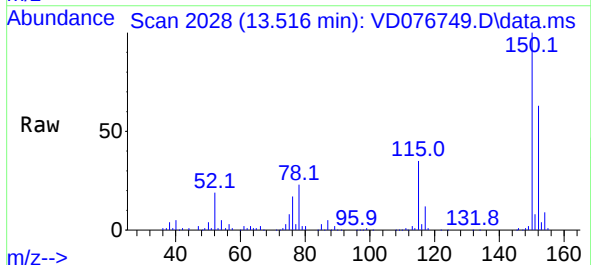
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

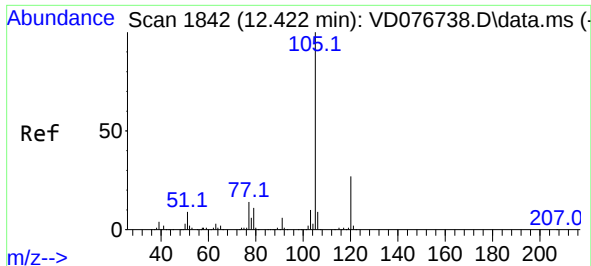
Tgt Ion:173 Resp: 2827
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:152 Resp: 146978
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 157.5 0.0 353.6

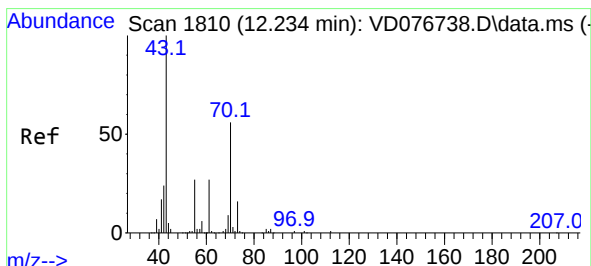
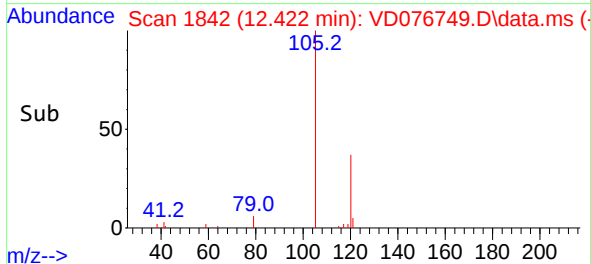
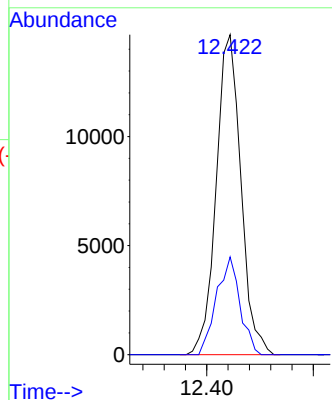
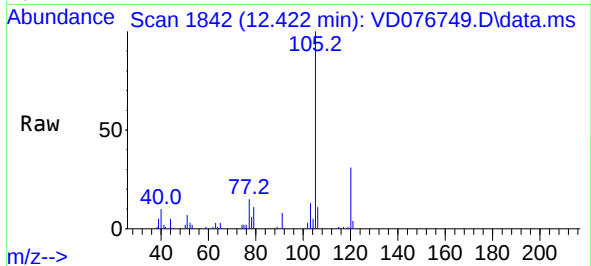




#73
Isopropylbenzene
Concen: 2.211 ug/l
RT: 12.422 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

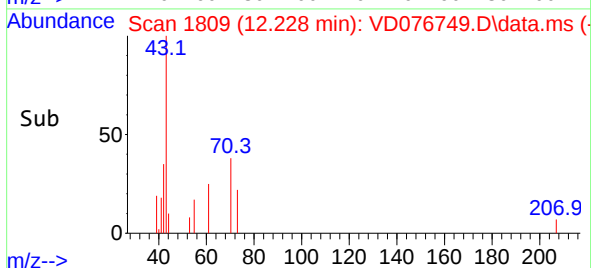
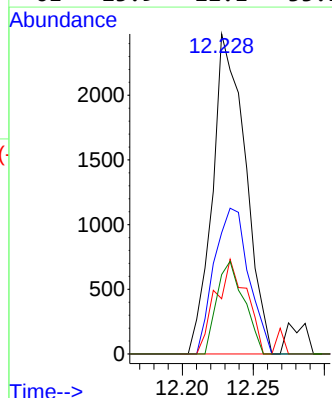
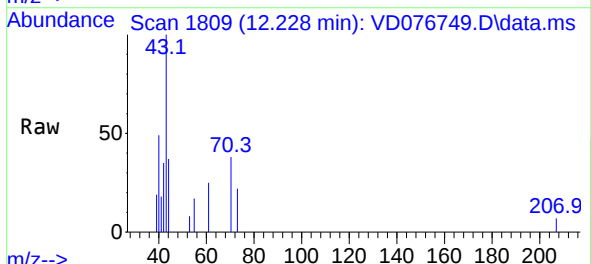
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023

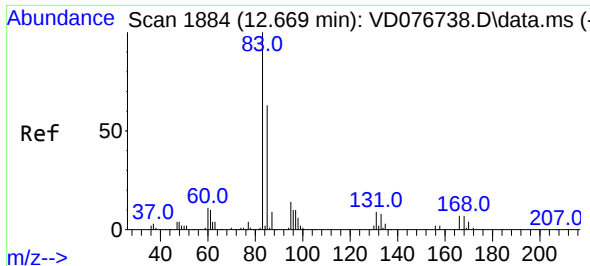
Tgt Ion:105 Resp: 23573
Ion Ratio Lower Upper
105 100
120 29.0 14.3 42.9



#74
N-ethyl acetate
Concen: 1.776 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 43 Resp: 3990
Ion Ratio Lower Upper
43 100
70 47.8 45.0 67.4
55 27.5 23.8 35.6
61 23.9 22.1 33.1

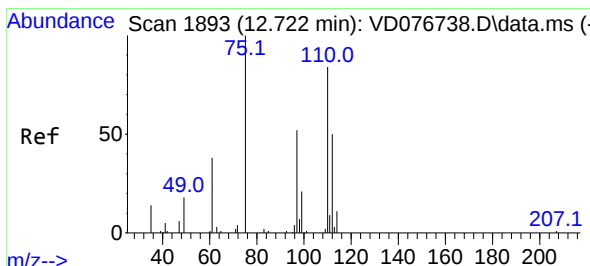
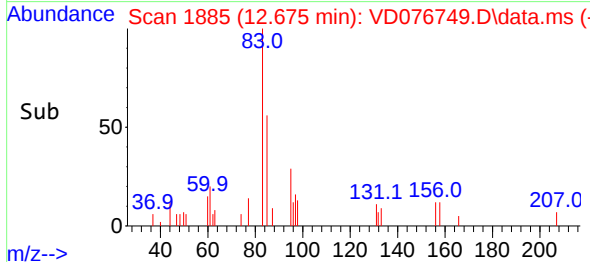
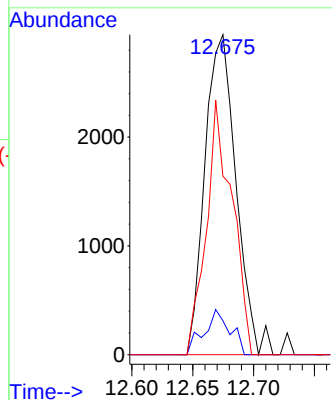
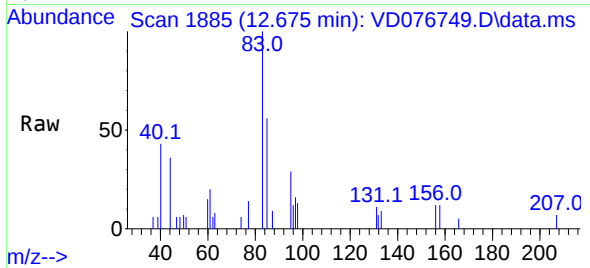




#75
1,1,2,2-Tetrachloroethane
Concen: 2.289 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

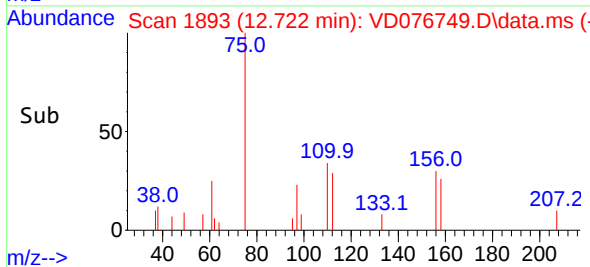
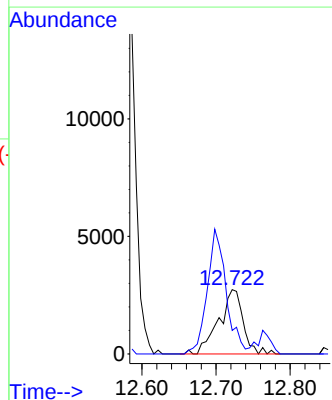
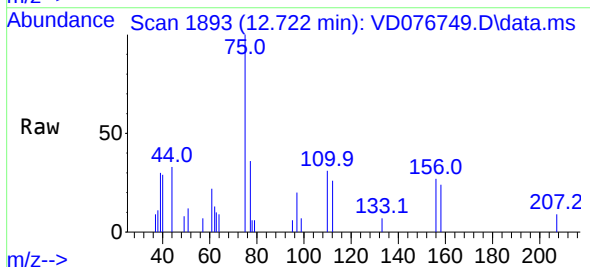
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

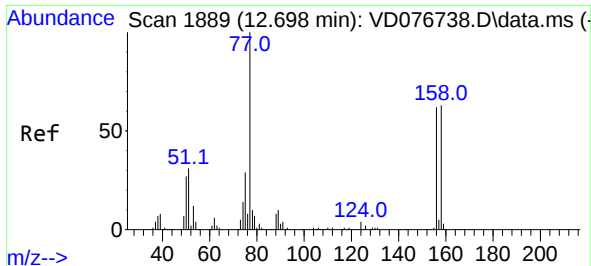
Tgt Ion: 83 Resp: 5240
Ion Ratio Lower Upper
83 100
131 11.7 5.1 15.3
85 65.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 4.471 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 75 Resp: 6250
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

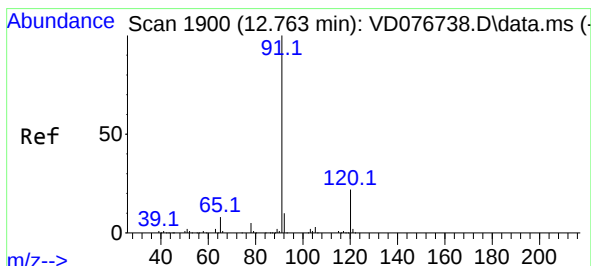
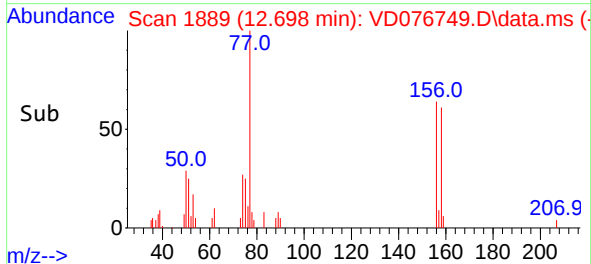
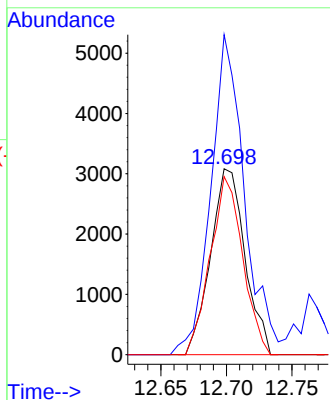
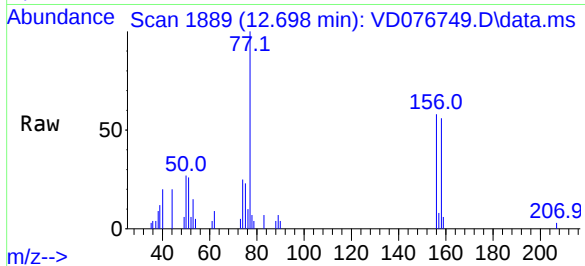




#77
Bromobenzene
Concen: 2.286 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

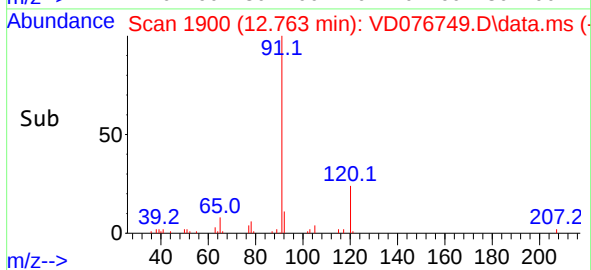
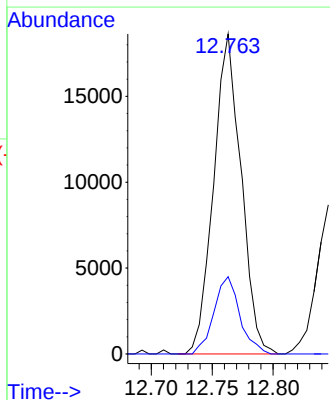
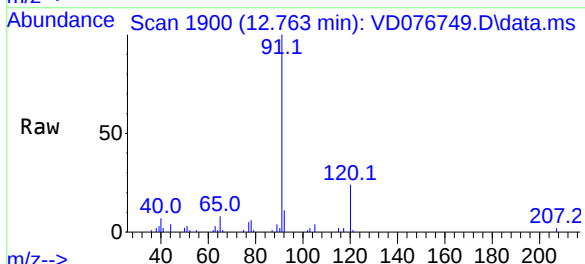
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

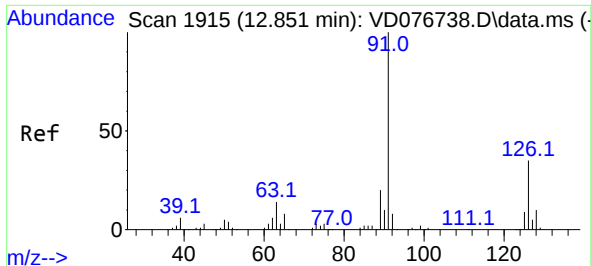
Tgt Ion:156 Resp: 5626
Ion Ratio Lower Upper
156 100
77 167.6 76.8 230.4
158 90.2 48.6 145.9



#78
n-propylbenzene
Concen: 2.259 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 91 Resp: 29200
Ion Ratio Lower Upper
91 100
120 22.8 12.4 37.2

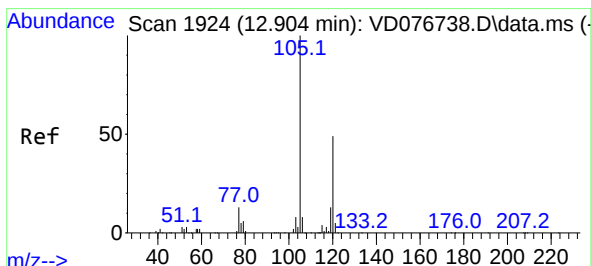
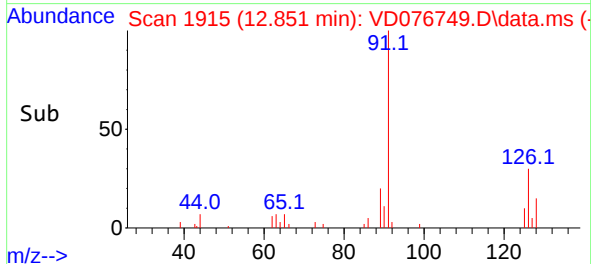
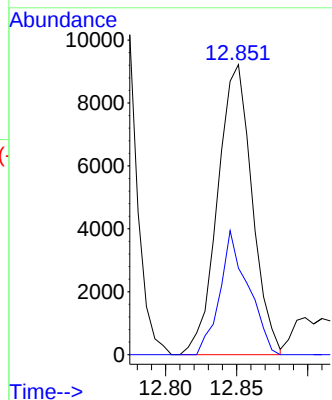
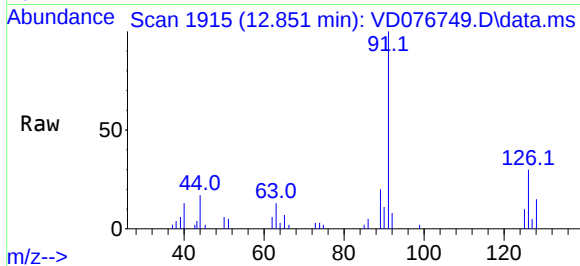




#79
2-Chlorotoluene
Concen: 2.198 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

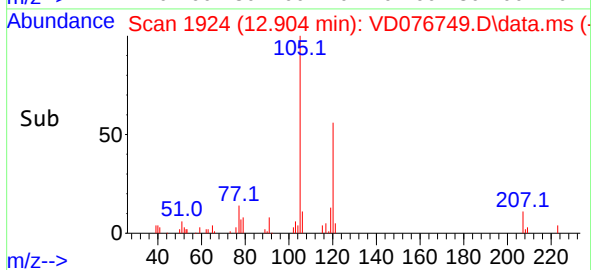
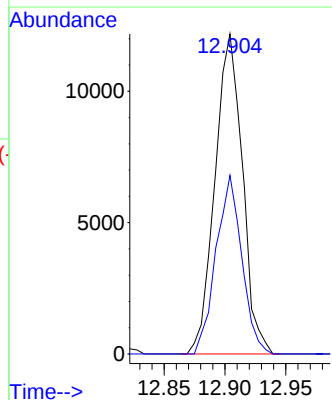
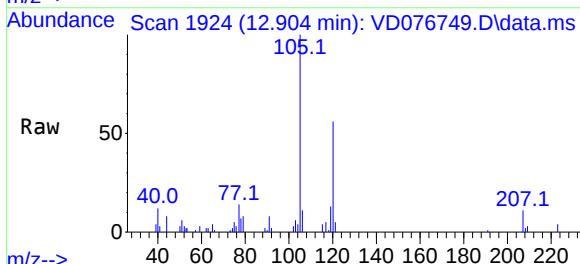
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

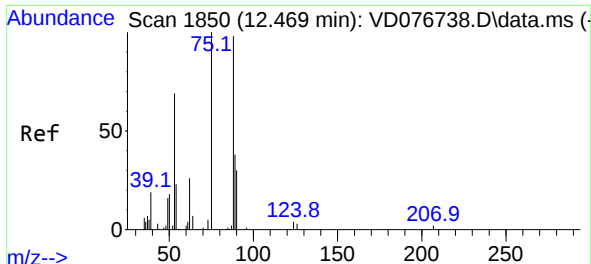
Tgt Ion: 91 Resp: 15577
Ion Ratio Lower Upper
91 100
126 35.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 2.216 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 105 Resp: 19111
Ion Ratio Lower Upper
105 100
120 52.4 26.4 79.2

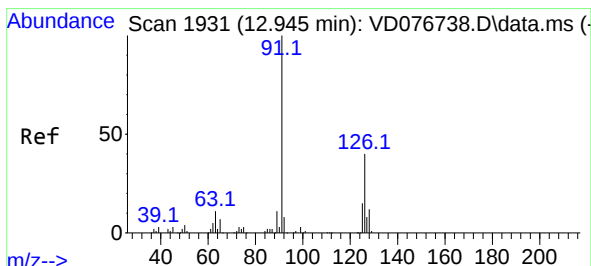
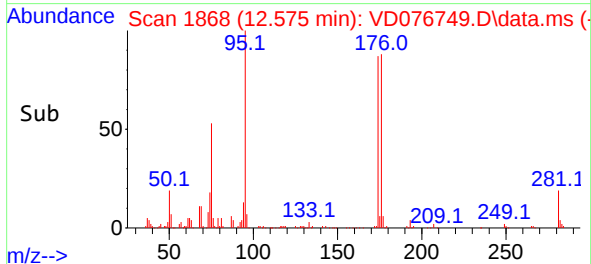
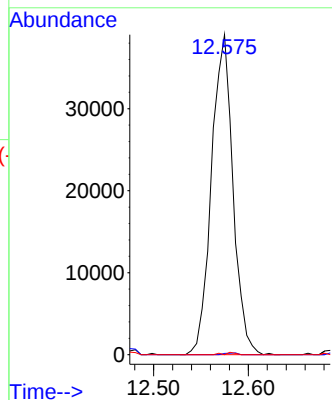
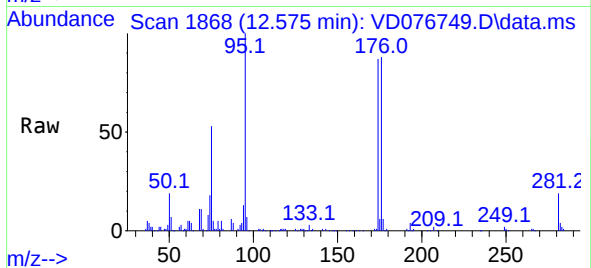




#81
trans-1,4-Dichloro-2-butene
Concen: 93.863 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

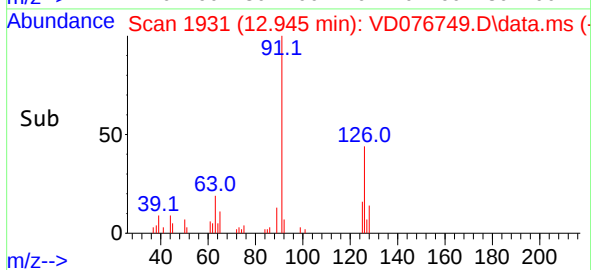
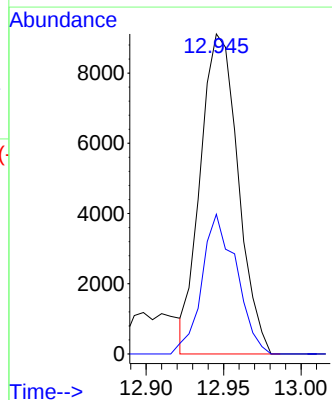
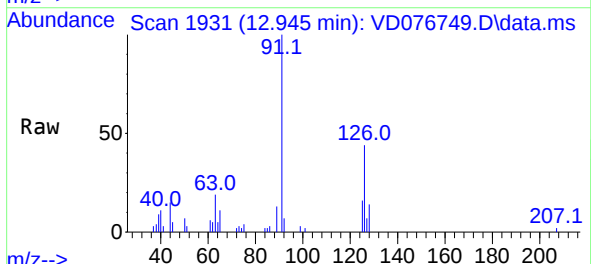
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

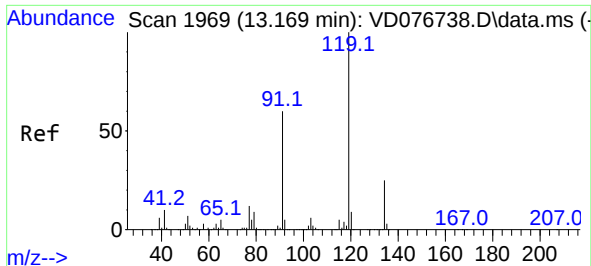
Tgt Ion: 75 Resp: 61645
Ion Ratio Lower Upper
75 100
53 0.3 63.0 94.4#
89 0.4 37.9 56.9#



#82
4-Chlorotoluene
Concen: 2.080 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 91 Resp: 15406
Ion Ratio Lower Upper
91 100
126 40.1 19.4 58.4

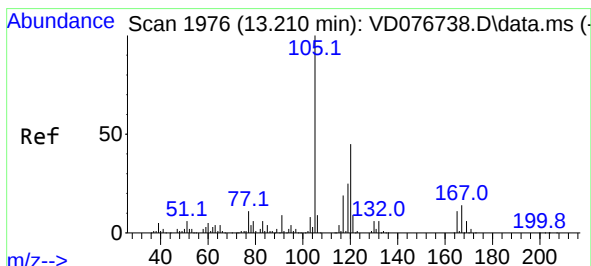
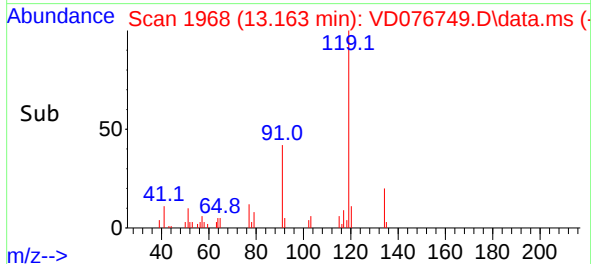
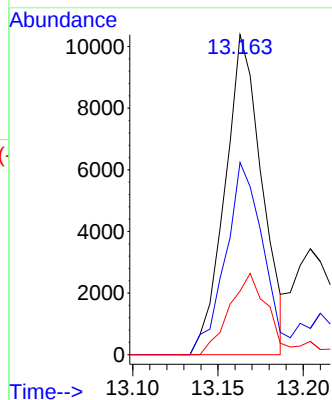
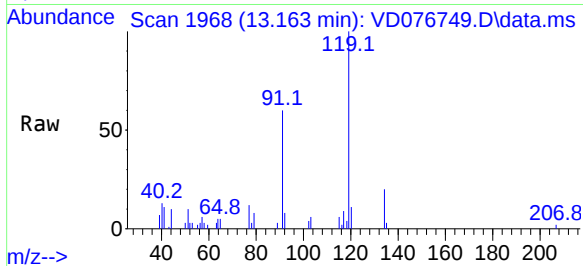




#83
tert-Butylbenzene
Concen: 2.062 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

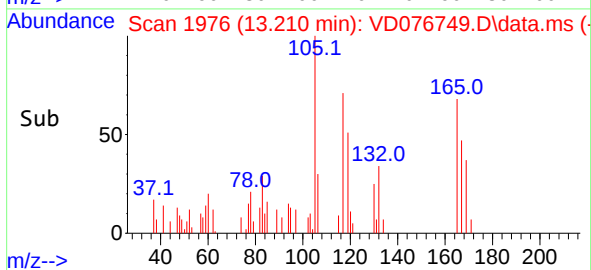
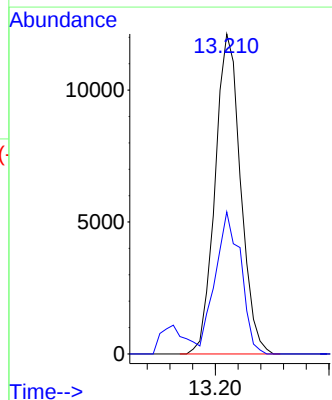
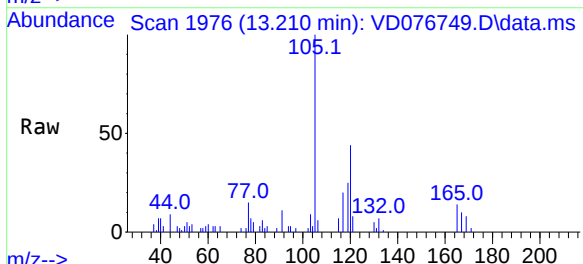
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

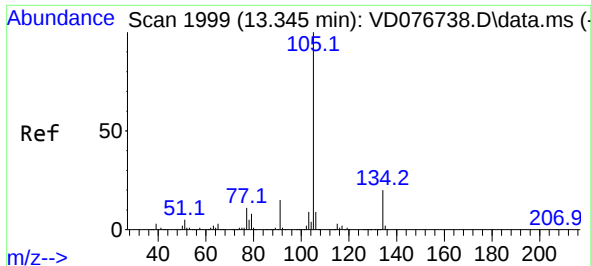
Tgt Ion:	119	Resp:	15653
Ion	Ratio	Lower	Upper
119	100		
91	61.3	29.3	87.8
134	25.9	14.1	42.3



#84
1,2,4-Trimethylbenzene
Concen: 2.147 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:	105	Resp:	18915
Ion	Ratio	Lower	Upper
105	100		
120	44.3	24.3	72.9

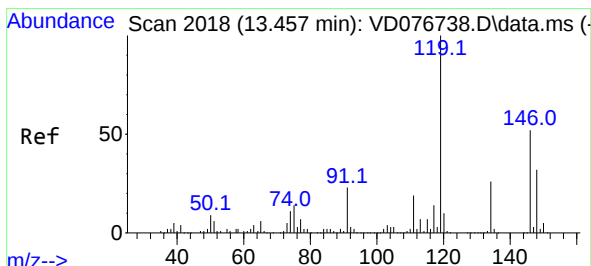
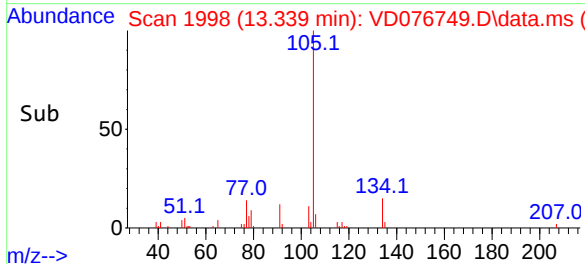
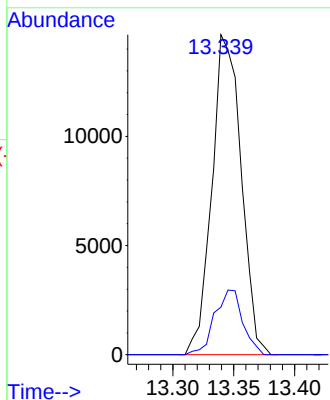
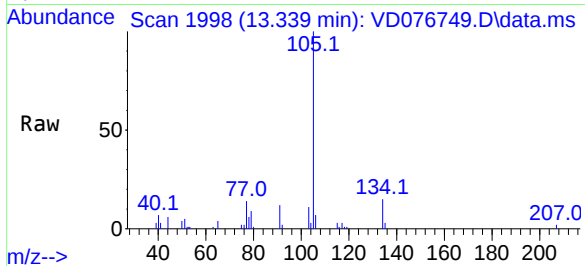




#85
sec-Butylbenzene
Concen: 2.108 ug/l
RT: 13.339 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

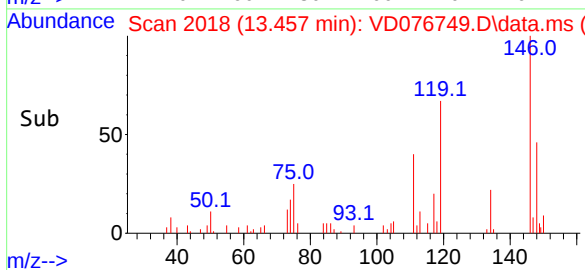
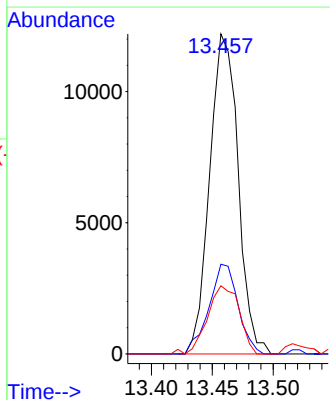
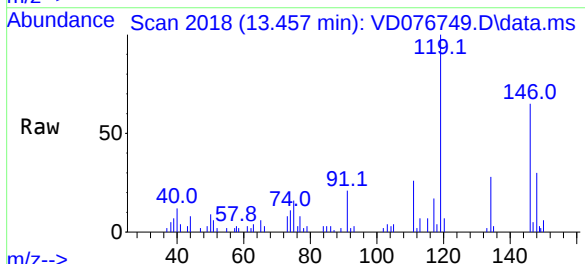
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

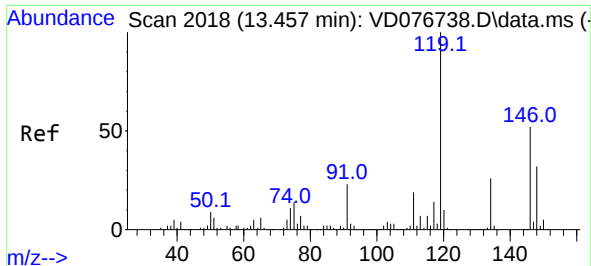
Tgt Ion:105 Resp: 24447
Ion Ratio Lower Upper
105 100
134 19.4 10.9 32.9



#86
p-Isopropyltoluene
Concen: 2.067 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:119 Resp: 19796
Ion Ratio Lower Upper
119 100
134 28.8 14.2 42.6
91 23.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 2.394 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2023

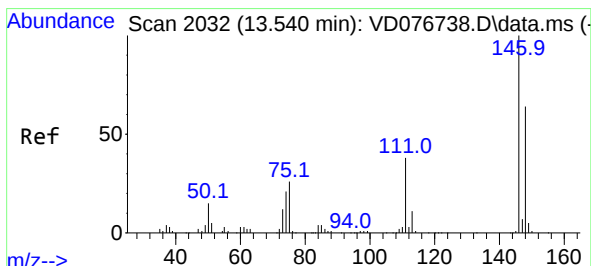
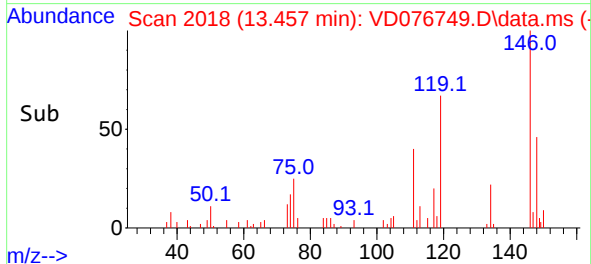
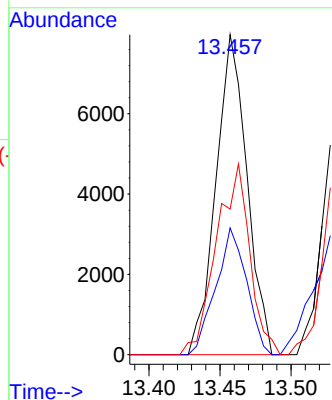
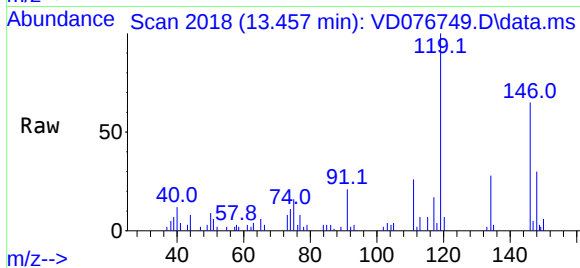
Tgt Ion:146 Resp: 12118

Ion Ratio Lower Upper

146 100

111 39.3 17.9 53.8

148 64.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 2.443 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.083 min

Lab File: VD076749.D

Acq: 17 Jul 2023 12:41

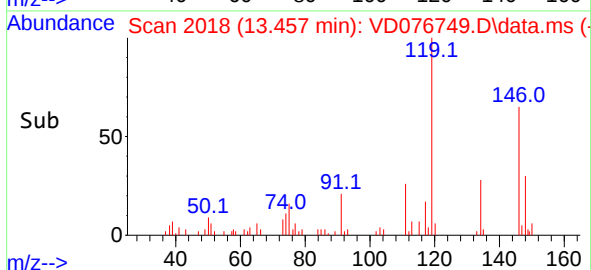
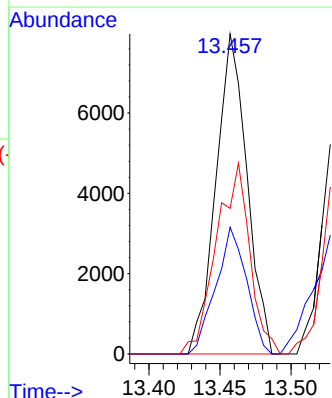
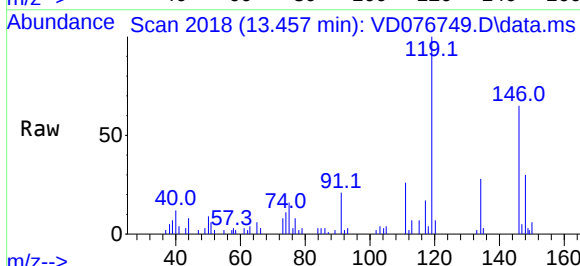
Tgt Ion:146 Resp: 12118

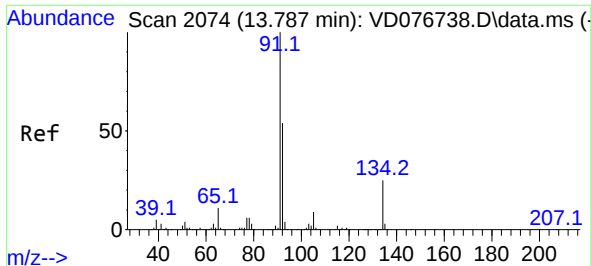
Ion Ratio Lower Upper

146 100

111 39.3 17.4 52.3

148 64.2 31.7 95.1

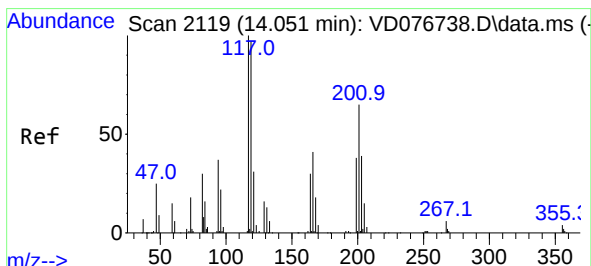
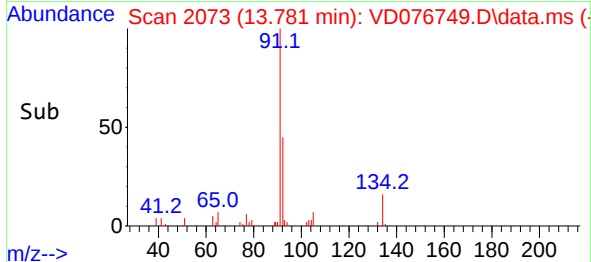
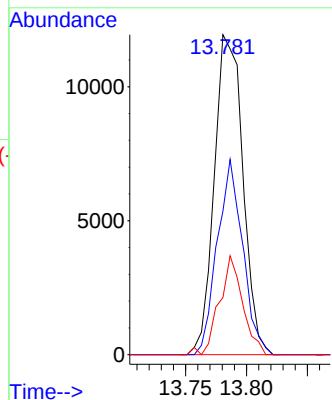
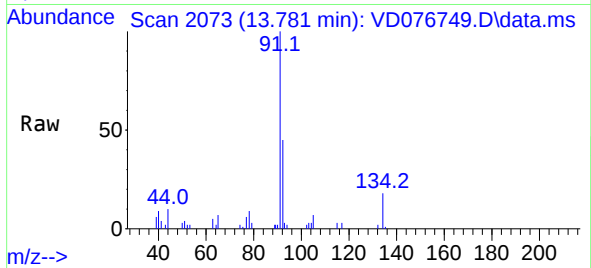




#89
n-Butylbenzene
Concen: 2.078 ug/l
RT: 13.781 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

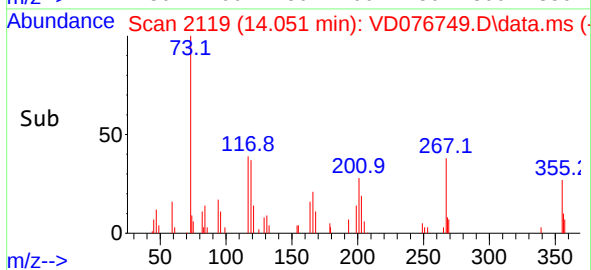
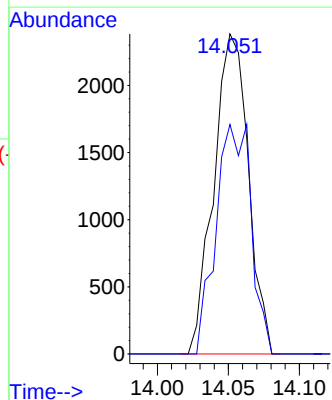
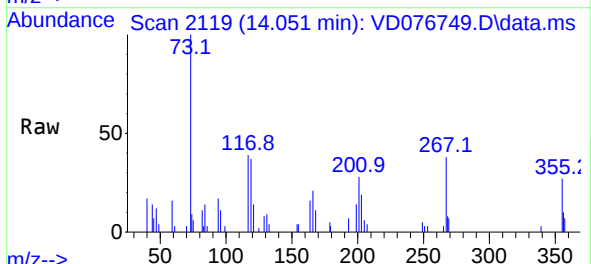
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2023

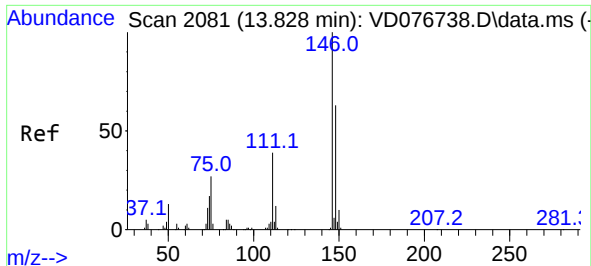
Tgt Ion: 91	Resp: 19479
Ion Ratio	Lower Upper
91	100
92	54.5 26.5 79.5
134	25.3 13.8 41.3



#90
Hexachloroethane
Concen: 2.282 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion: 117	Resp: 4042
Ion Ratio	Lower Upper
117	100
201	72.8 38.5 115.5

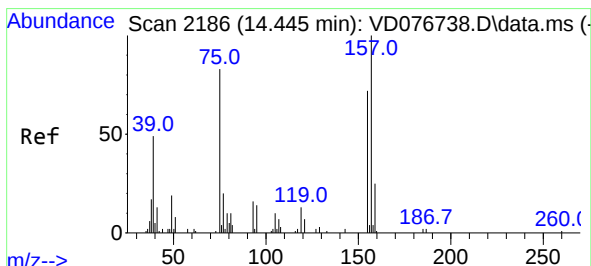
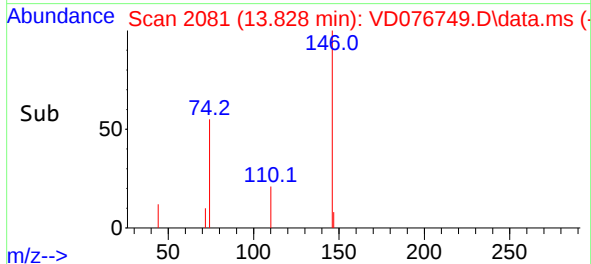
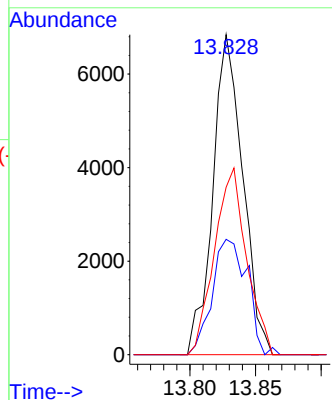
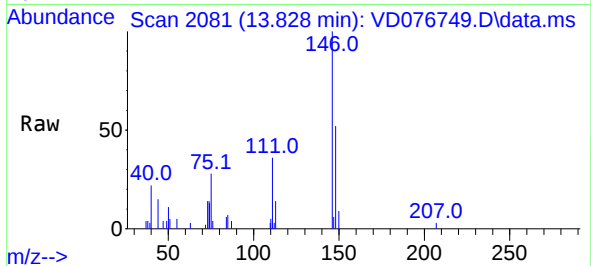




#91
1,2-Dichlorobenzene
Concen: 2.436 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

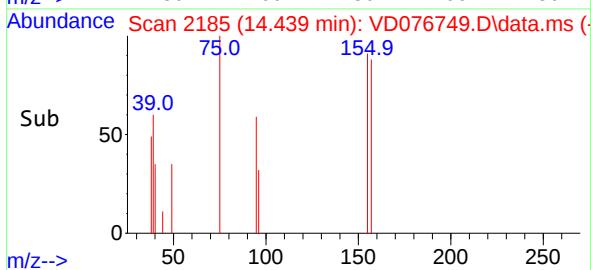
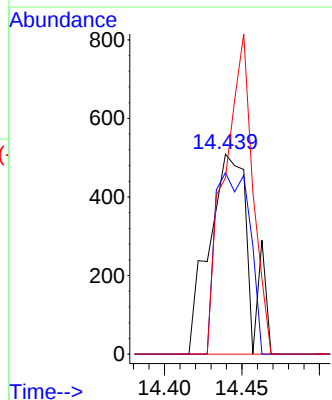
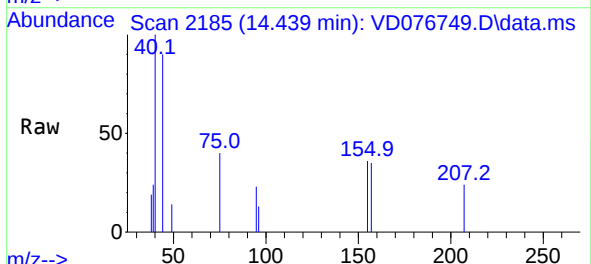
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

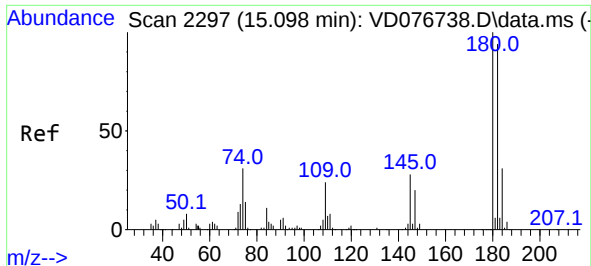
Tgt Ion:	146	Resp:	10865
Ion	Ratio	Lower	Upper
146	100		
111	42.3	18.3	54.8
148	62.6	31.6	94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.803 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:	75	Resp:	915
Ion	Ratio	Lower	Upper
75	100		
155	78.1	47.9	143.8
157	112.6	59.9	179.7

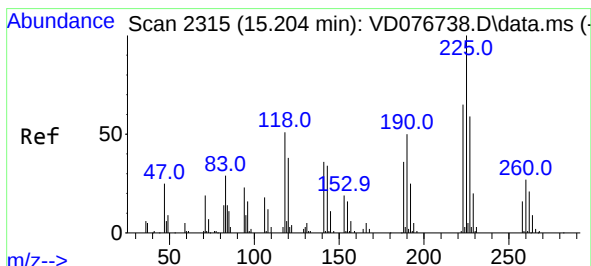
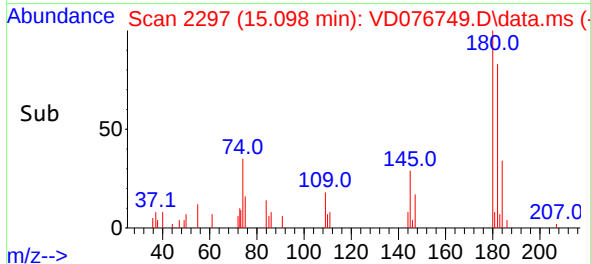
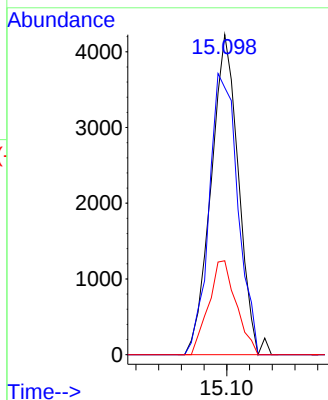
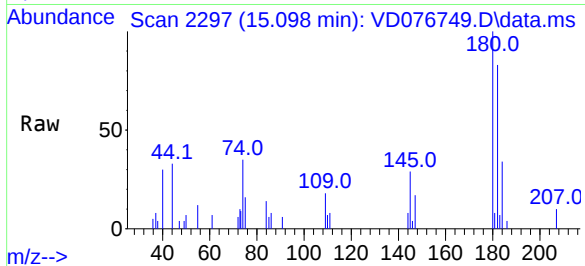




#93
1,2,4-Trichlorobenzene
Concen: 2.598 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

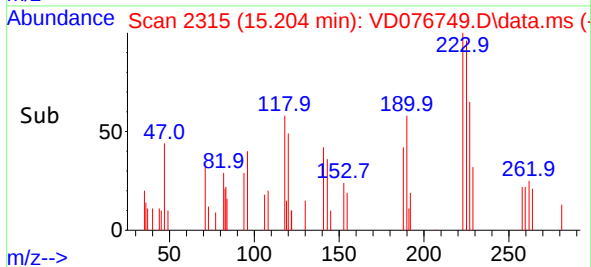
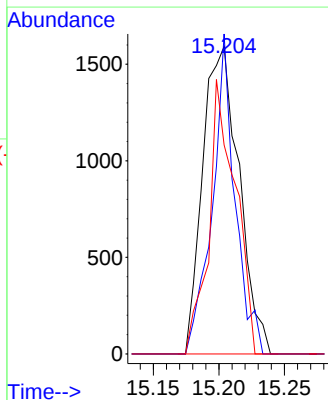
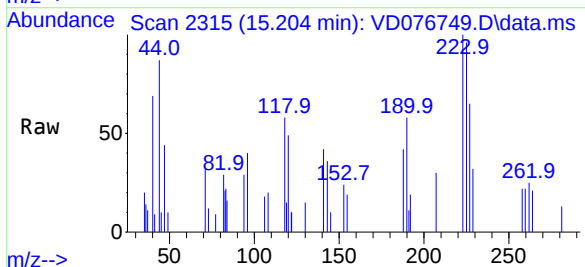
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

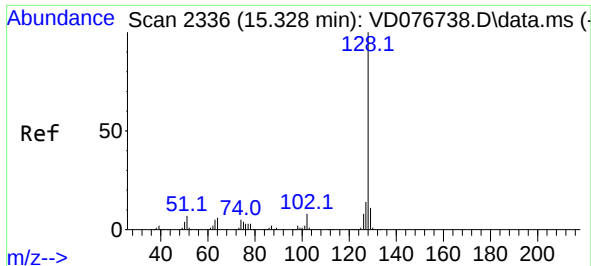
Tgt Ion:180 Resp: 7077
Ion Ratio Lower Upper
180 100
182 92.2 48.5 145.6
145 29.6 14.2 42.6



#94
Hexachlorobutadiene
Concen: 2.339 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:225 Resp: 3064
Ion Ratio Lower Upper
225 100
223 65.2 31.6 94.8
227 65.5 31.7 95.1

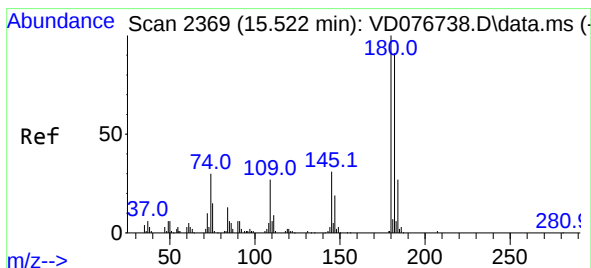
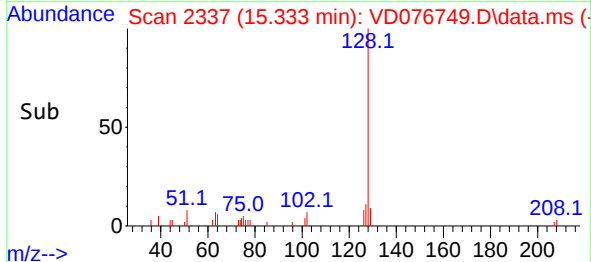
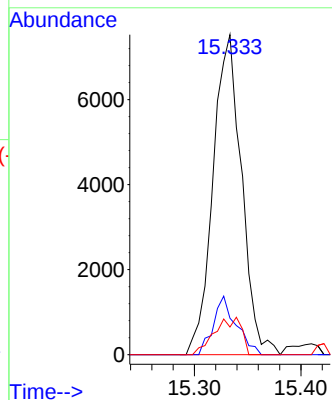
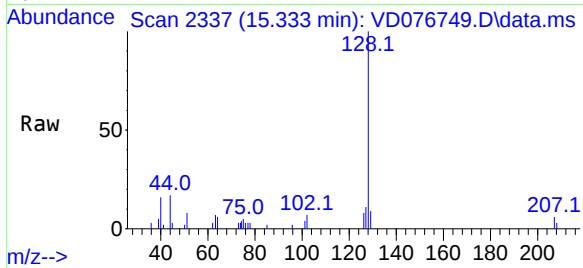




#95
Naphthalene
Concen: 2.377 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

Tgt Ion:	128	Resp:	14018
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.5	15.7
129	8.7	8.7	13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.513 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD076749.D
Acq: 17 Jul 2023 12:41

Tgt Ion:	180	Resp:	6143
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	34.7	15.1	45.3

