

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074975.D
 Acq On : 17 Nov 2022 17:44
 Operator : VA/SY
 Sample : N4955-01 4.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 17 22:36:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	121491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	210510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	194117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	87920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43443	54.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.660%	
35) Dibromofluoromethane	7.810	113	55576	42.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.660%	
50) Toluene-d8	10.275	98	198277	46.386	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.780%	
62) 4-Bromofluorobenzene	12.575	95	62063	47.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	10224	10.625	ug/l	95
3) Chloromethane	2.152	50	15610	9.207	ug/l	91
4) Vinyl Chloride	2.287	62	18245	10.710	ug/l	97
5) Bromomethane	2.693	94	16089	11.823	ug/l	98
6) Chloroethane	2.840	64	13299	10.631	ug/l	97
7) Trichlorofluoromethane	3.181	101	20606	10.616	ug/l	86
8) Diethyl Ether	3.599	74	5543	9.960	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	12901	10.416	ug/l	98
10) Methyl Iodide	4.163	142	11841	12.041	ug/l	99
11) Tert butyl alcohol	5.052	59	3051	37.716	ug/l #	84
12) 1,1-Dichloroethene	3.946	96	12566	10.415	ug/l	97
13) Acrolein	3.799	56	1145	5.492	ug/l	100
14) Allyl chloride	4.563	41	11576	8.970	ug/l	97
15) Acrylonitrile	5.257	53	9068	41.697	ug/l	97
16) Acetone	4.022	43	7362	36.707	ug/l	93
17) Carbon Disulfide	4.275	76	37300	10.868	ug/l	99
18) Methyl Acetate	4.563	43	7277	12.332	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	19900	8.238	ug/l	96
20) Methylene Chloride	4.805	84	24575	1.603	ug/l	96
21) trans-1,2-Dichloroethene	5.322	96	13188	9.639	ug/l	92
22) Diisopropyl ether	6.216	45	20300	7.057	ug/l #	84
23) Vinyl Acetate	6.157	43	25666	20.790	ug/l	100
24) 1,1-Dichloroethane	6.116	63	18446	8.587	ug/l	97
25) 2-Butanone	7.087	43	8766	33.424	ug/l	91
26) 2,2-Dichloropropane	7.075	77	16378	8.113	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	12393	8.165	ug/l	97
28) Bromochloromethane	7.428	49	5967	8.610	ug/l #	91
29) Tetrahydrofuran	7.446	42	5004	34.469	ug/l	95
30) Chloroform	7.599	83	19871	8.447	ug/l	94
31) Cyclohexane	7.881	56	15635	8.827	ug/l #	85
32) 1,1,1-Trichloroethane	7.793	97	17515	8.639	ug/l	98
36) 1,1-Dichloropropene	8.010	75	14621	7.667	ug/l	97
37) Ethyl Acetate	7.175	43	4085	6.383	ug/l #	72
38) Carbon Tetrachloride	7.999	117	12370	6.891	ug/l	96
39) Methylcyclohexane	9.281	83	16308	7.982	ug/l	97
40) Benzene	8.257	78	44064	8.035	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.457	41	4776	14.071	ug/l #	27
42) 1,2-Dichloroethane	8.328	62	10740	8.184	ug/l	95
43) Isopropyl Acetate	8.363	43	7755	6.880	ug/l	96
44) Trichloroethene	9.034	130	12906	8.908	ug/l	98
45) 1,2-Dichloropropane	9.304	63	9582	7.777	ug/l	95
46) Dibromomethane	9.393	93	5433	7.873	ug/l	92
47) Bromodichloromethane	9.587	83	13598	7.940	ug/l	99
48) Methyl methacrylate	9.381	41	3571	7.152	ug/l	88
49) 1,4-Dioxane	9.387	88	838	123.758	ug/l #	72
51) 4-Methyl-2-Pentanone	10.163	43	17638	32.825	ug/l	99
52) Toluene	10.334	92	28480	8.686	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	11780	7.787	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	14084	7.591	ug/l	96
55) 1,1,2-Trichloroethane	10.740	97	8066	8.406	ug/l	94
56) Ethyl methacrylate	10.598	69	7338	8.742	ug/l	95
57) 1,3-Dichloropropane	10.881	76	12543	8.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	11931	47.325	ug/l	98
59) 2-Hexanone	10.922	43	12304	32.847	ug/l	95
60) Dibromochloromethane	11.081	129	9015	7.920	ug/l	98
61) 1,2-Dibromoethane	11.181	107	7442	8.293	ug/l	98
64) Tetrachloroethene	10.810	164	11841	9.098	ug/l	93
65) Chlorobenzene	11.610	112	30429	8.013	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	10266	7.716	ug/l	95
67) Ethyl Benzene	11.687	91	49761	7.521	ug/l	99
68) m/p-Xylenes	11.798	106	39991	15.161	ug/l	97
69) o-Xylene	12.122	106	17674	7.283	ug/l	100
70) Styrene	12.139	104	30447	7.319	ug/l	97
71) Bromoform	12.298	173	4993	7.251	ug/l #	95
73) Isopropylbenzene	12.422	105	47156	7.792	ug/l	99
74) N-amyl acetate	12.234	43	6304	6.332	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	8505	7.945	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	9777	13.295	ug/l	23
77) Bromobenzene	12.704	156	11546	8.153	ug/l	94
78) n-propylbenzene	12.769	91	58651	7.885	ug/l	96
79) 2-Chlorotoluene	12.851	91	33029	8.241	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	40054	7.944	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	1975	6.607	ug/l	99
82) 4-Chlorotoluene	12.951	91	33616	8.054	ug/l	98
83) tert-Butylbenzene	13.169	119	33105	7.567	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	38319	7.684	ug/l	99
85) sec-Butylbenzene	13.351	105	51195	7.693	ug/l	98
86) p-Isopropyltoluene	13.463	119	42287	7.642	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	23726	8.054	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	23883	8.169	ug/l	97
89) n-Butylbenzene	13.792	91	39039	7.599	ug/l	96
90) Hexachloroethane	14.057	117	8012	8.084	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	19957	7.967	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1104	7.481	ug/l	73
93) 1,2,4-Trichlorobenzene	15.104	180	11389	7.469	ug/l	97
94) Hexachlorobutadiene	15.204	225	6367	8.095	ug/l	98
95) Naphthalene	15.333	128	18479	6.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	9152	6.940	ug/l	95

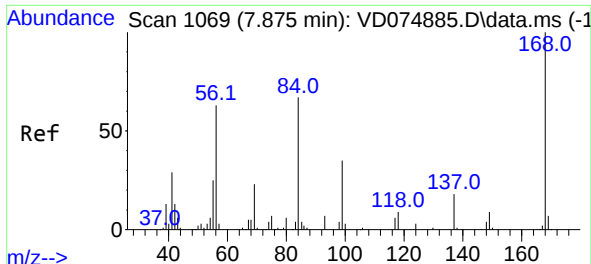
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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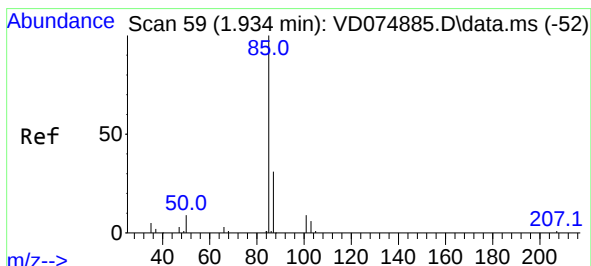
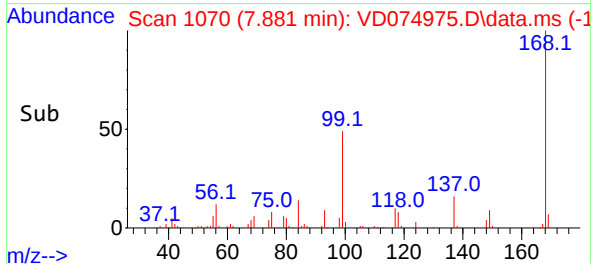
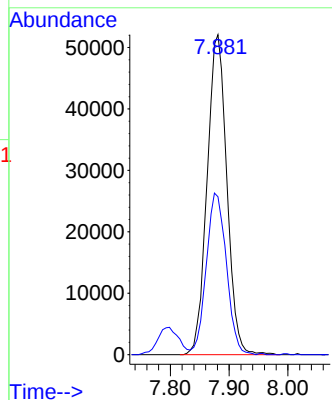
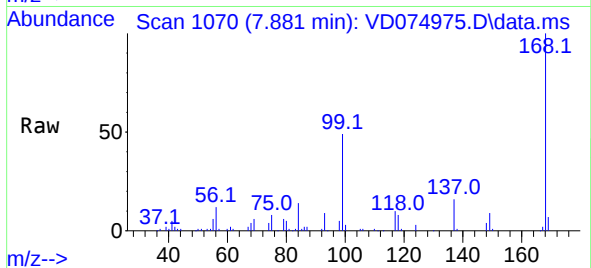
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

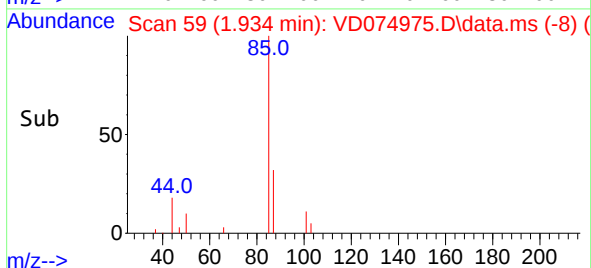
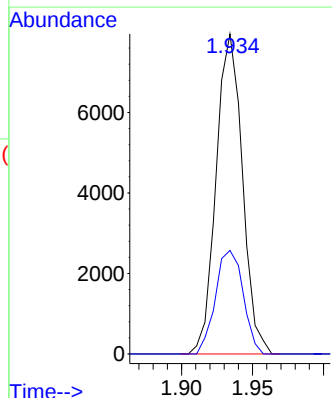
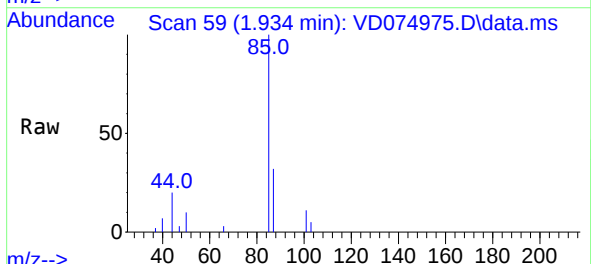
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:168 Resp: 121491
Ion Ratio Lower Upper
168 100
99 49.4 40.9 61.3

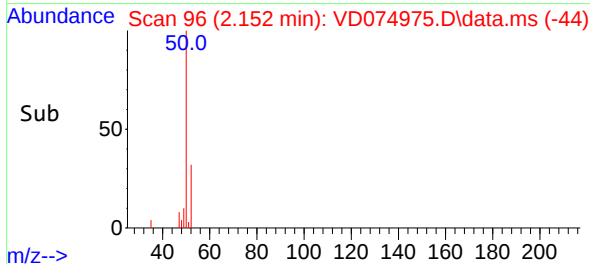
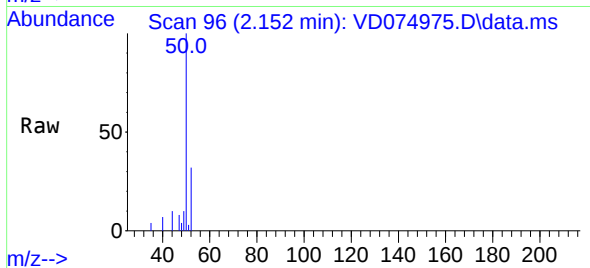
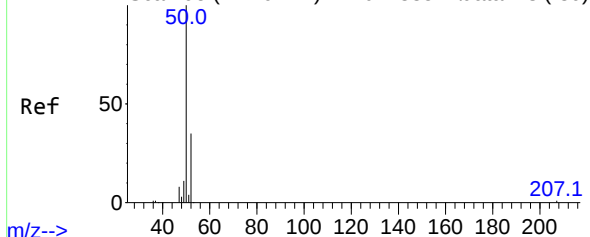


#2
Dichlorodifluoromethane
Concen: 10.625 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 85 Resp: 10224
Ion Ratio Lower Upper
85 100
87 32.4 17.5 52.6



Abundance Scan 95 (2.146 min): VD074885.D\data.ms (-89)



#3

Chloromethane

Concen: 9.207 ug/l

RT: 2.152 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

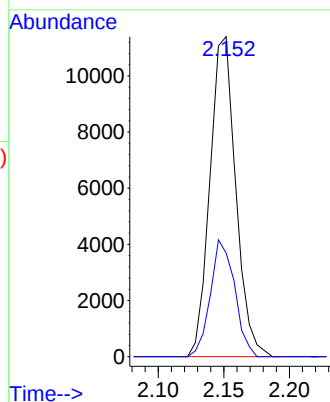
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 50 Resp: 15610

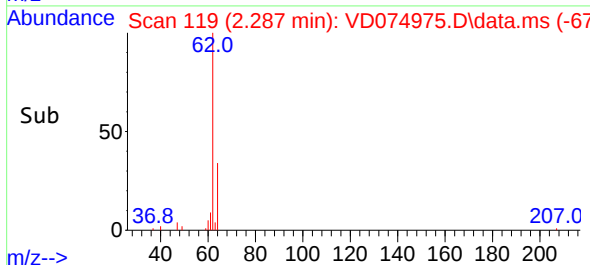
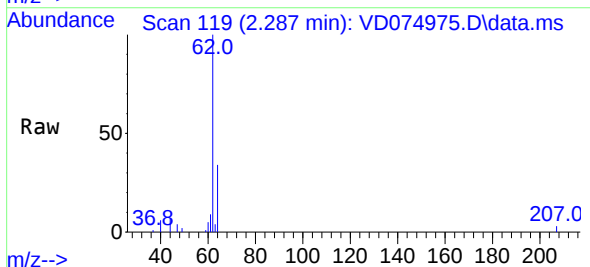
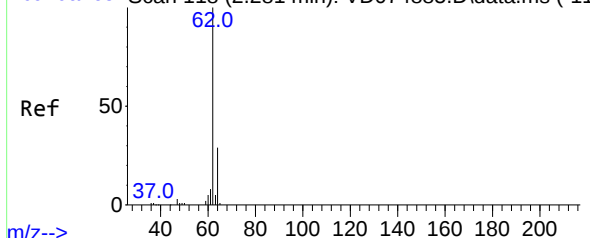
Ion Ratio Lower Upper

50 100

52 32.4 30.0 45.0



Abundance Scan 118 (2.281 min): VD074885.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 10.710 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.006 min

Lab File: VD074975.D

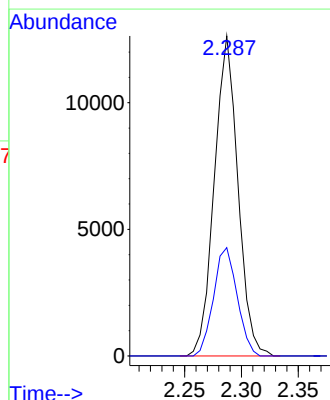
Acq: 17 Nov 2022 17:44

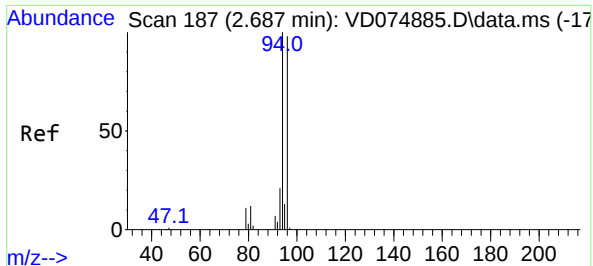
Tgt Ion: 62 Resp: 18245

Ion Ratio Lower Upper

62 100

64 33.8 25.5 38.3

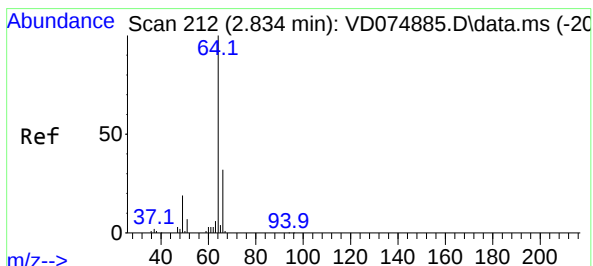
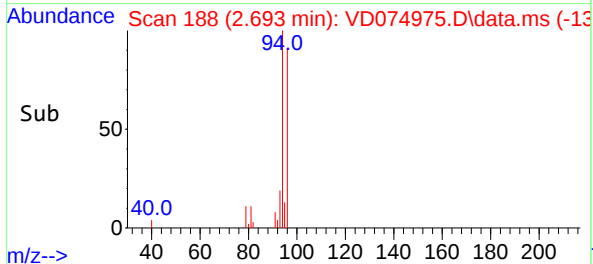
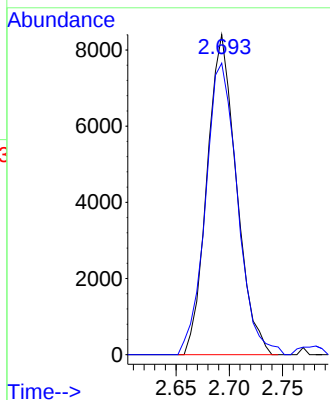
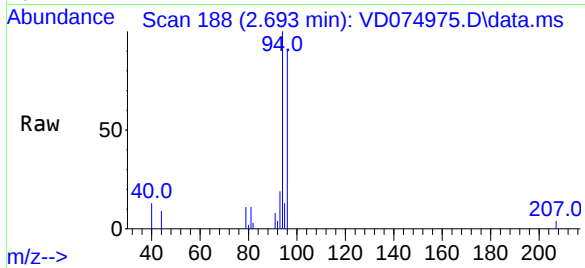




#5
Bromomethane
Concen: 11.823 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

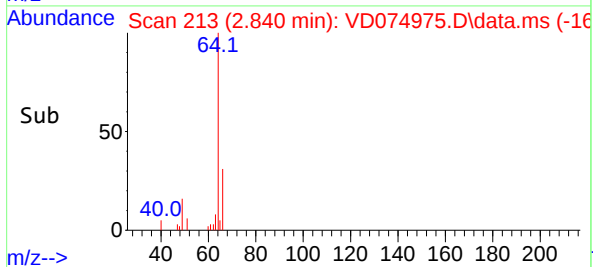
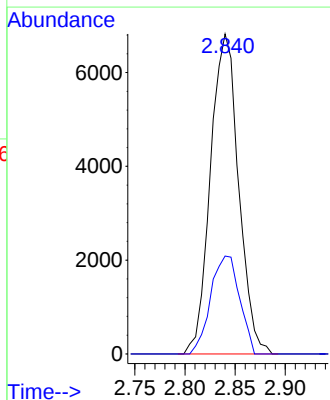
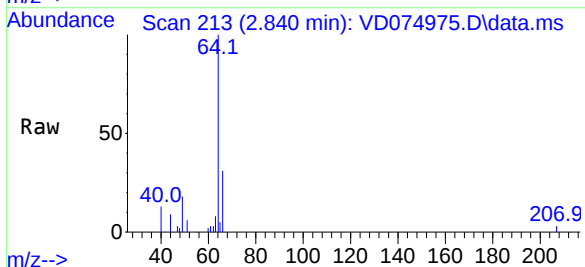
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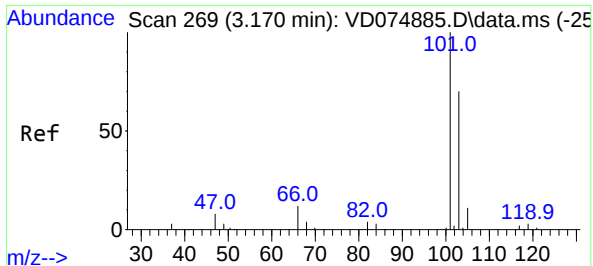
Tgt Ion: 94 Resp: 16089
Ion Ratio Lower Upper
94 100
96 91.1 74.6 112.0



#6
Chloroethane
Concen: 10.631 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 64 Resp: 13299
Ion Ratio Lower Upper
64 100
66 30.6 25.8 38.8

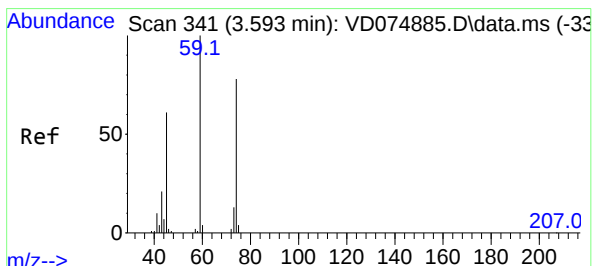
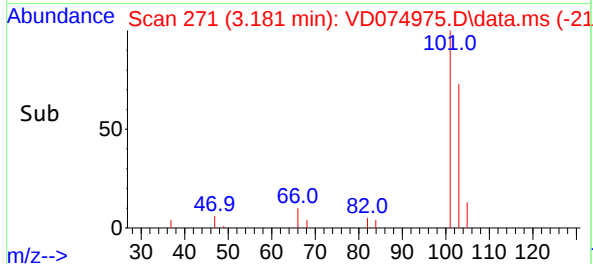
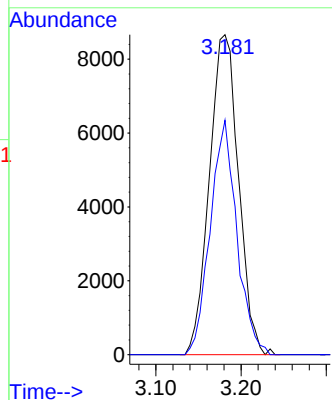
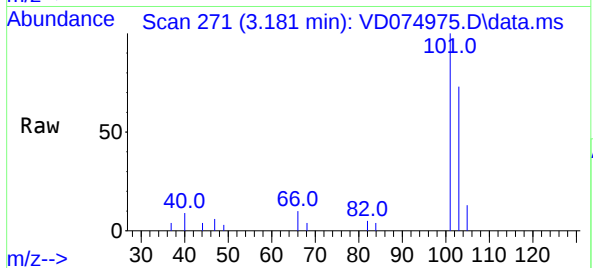




#7
Trichlorofluoromethane
Concen: 10.616 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.011 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

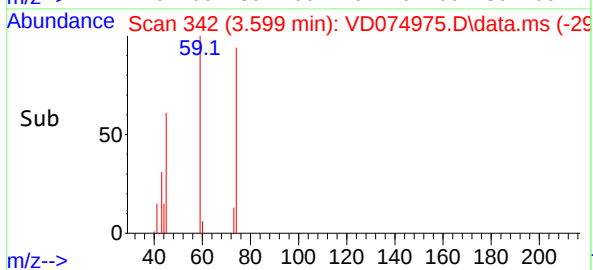
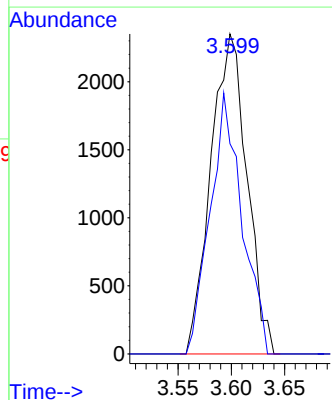
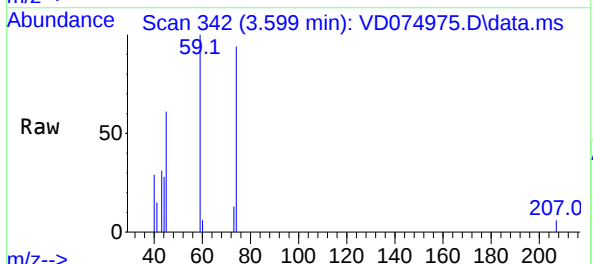
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

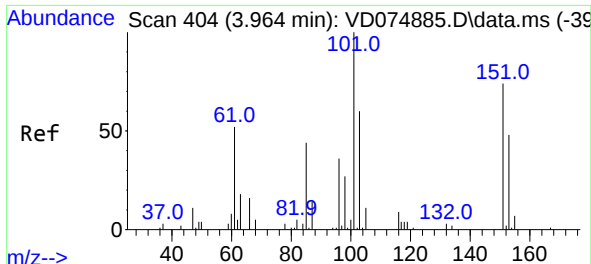
Tgt Ion:101 Resp: 20606
Ion Ratio Lower Upper
101 100
103 73.2 49.8 74.8



#8
Diethyl Ether
Concen: 9.960 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 74 Resp: 5543
Ion Ratio Lower Upper
74 100
45 71.9 37.9 113.6

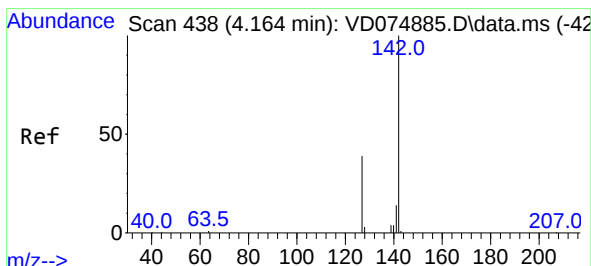
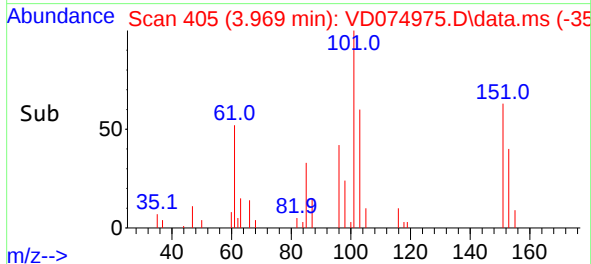
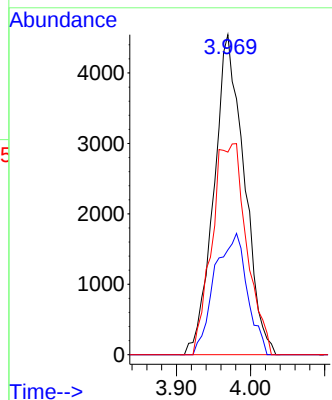
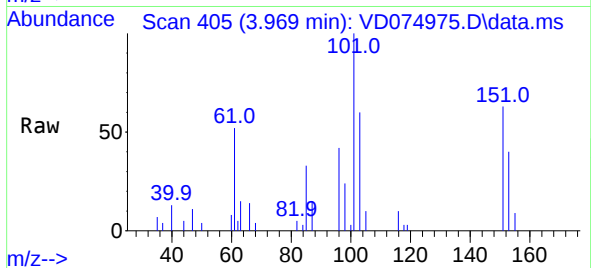




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.416 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

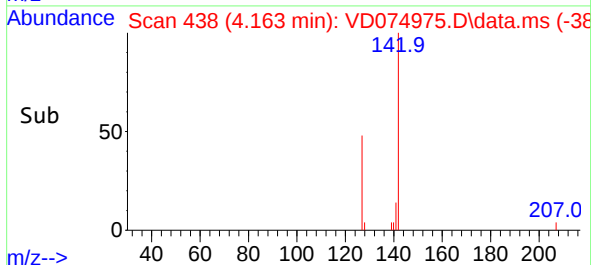
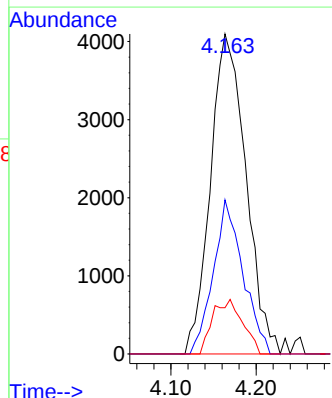
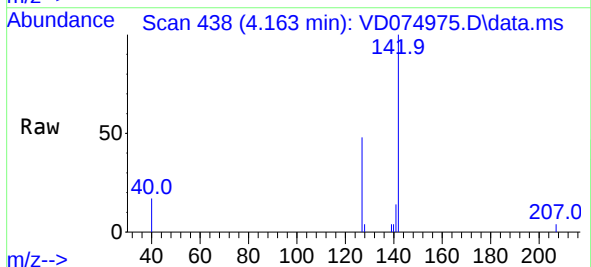
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

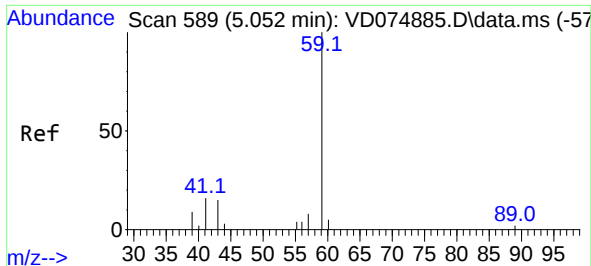
Tgt Ion:101 Resp: 12901
Ion Ratio Lower Upper
101 100
85 40.7 34.1 51.1
151 75.4 61.7 92.5



#10
Methyl Iodide
Concen: 12.041 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:142 Resp: 11841
Ion Ratio Lower Upper
142 100
127 40.3 31.9 47.9
141 14.4 11.4 17.2

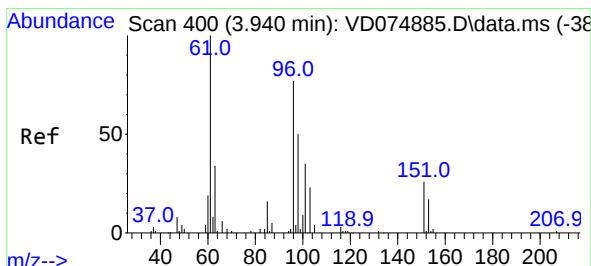
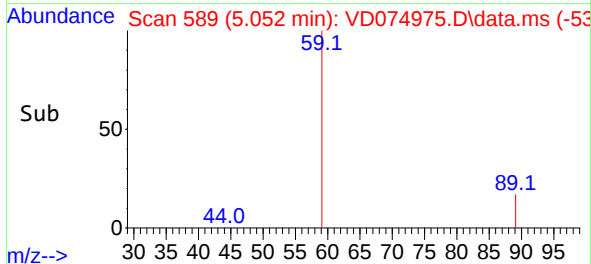
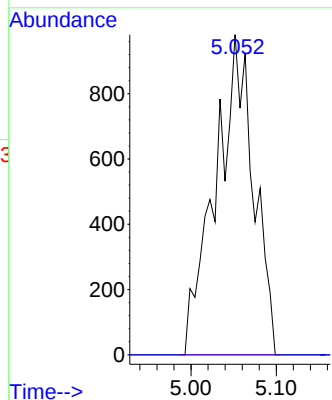
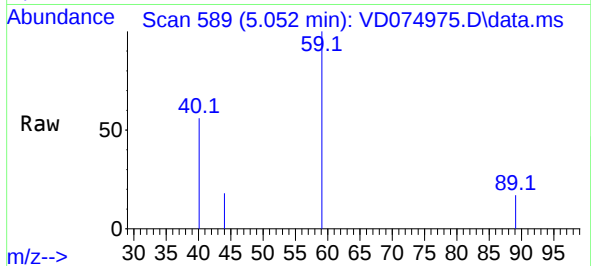




#11
Tert butyl alcohol
Concen: 37.716 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

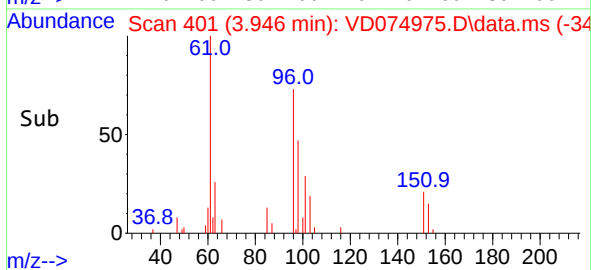
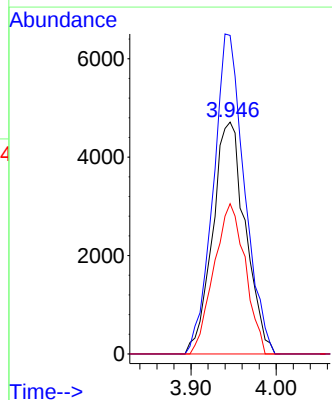
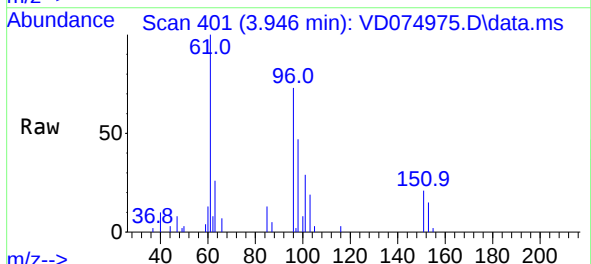
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

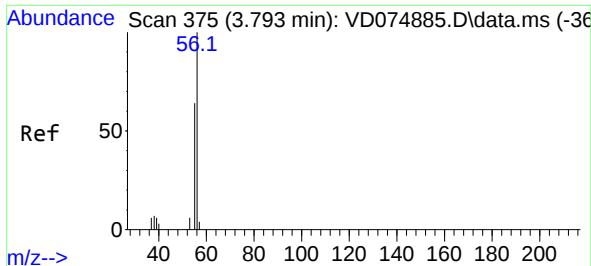
Tgt Ion: 59 Resp: 3051
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 10.415 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 96 Resp: 12566
Ion Ratio Lower Upper
96 100
61 137.3 113.9 170.9
98 64.8 51.8 77.8

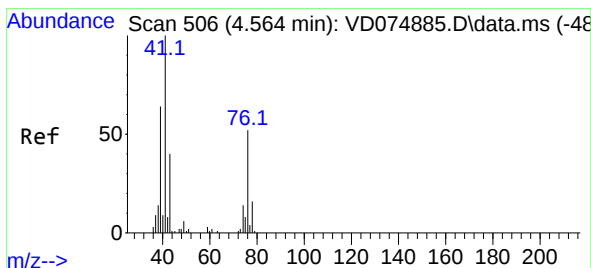
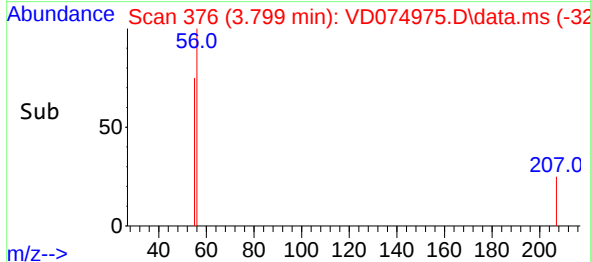
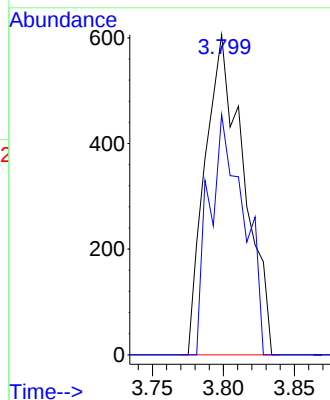
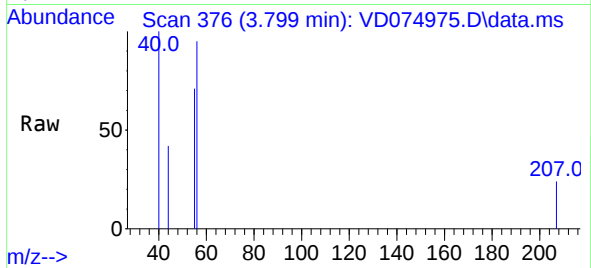




#13
Acrolein
Concen: 5.492 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

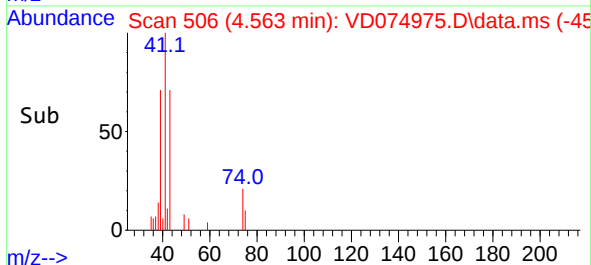
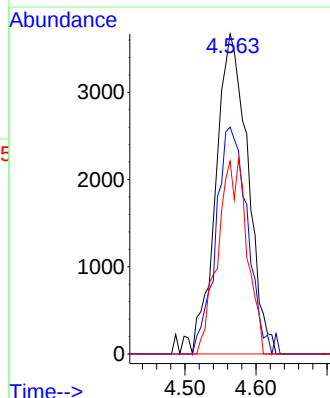
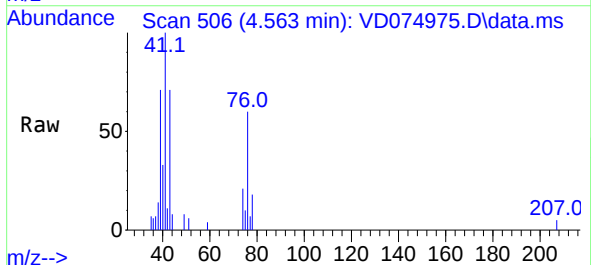
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

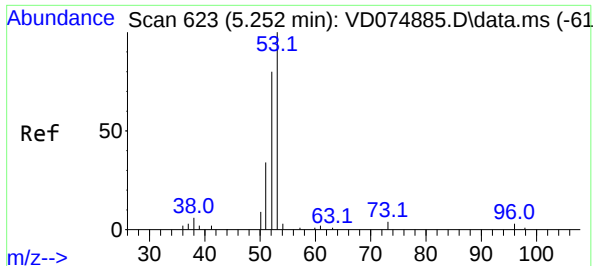
Tgt Ion: 56 Resp: 1145
Ion Ratio Lower Upper
56 100
55 67.2 54.0 81.0



#14
Allyl chloride
Concen: 8.970 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 41 Resp: 11576
Ion Ratio Lower Upper
41 100
39 69.5 53.4 80.2
76 55.1 42.4 63.6

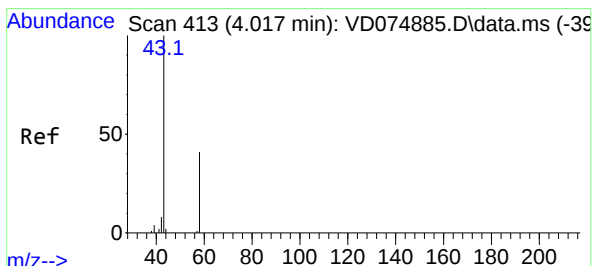
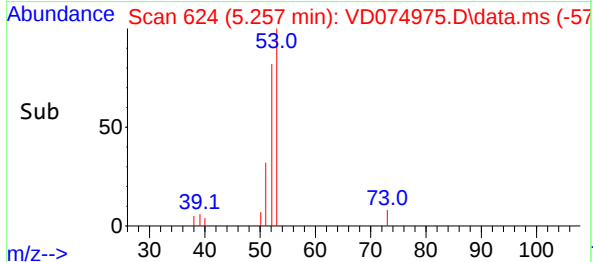
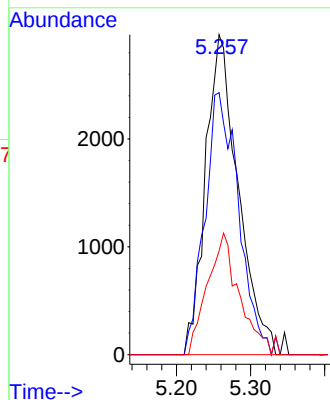
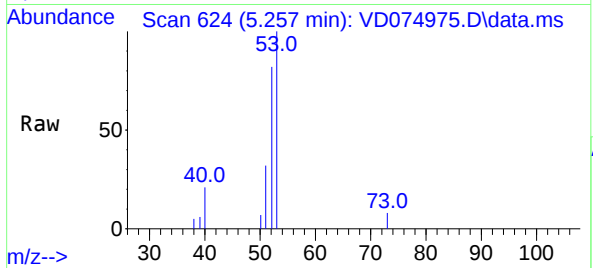




#15
Acrylonitrile
Concen: 41.697 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

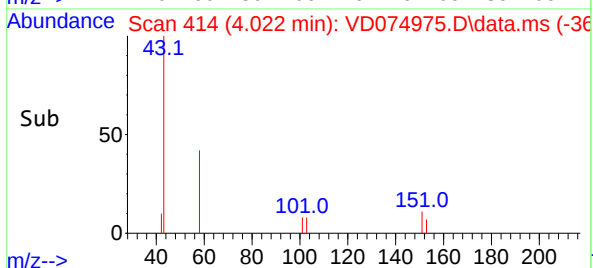
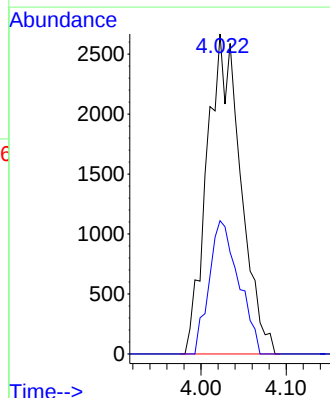
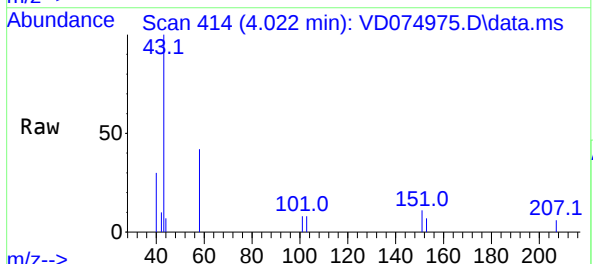
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

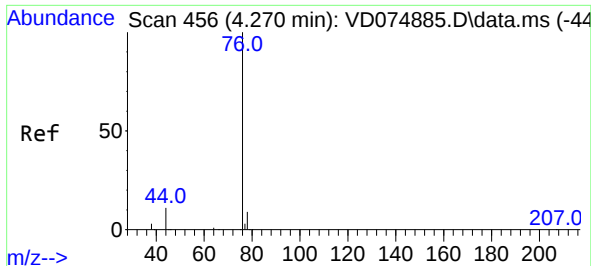
Tgt Ion: 53	Resp:	9068
Ion	Ratio	Lower Upper
53	100	
52	85.2	66.0 99.0
51	37.7	28.3 42.5



#16
Acetone
Concen: 36.707 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 43	Resp:	7362
Ion	Ratio	Lower Upper
43	100	
58	41.6	30.2 45.2

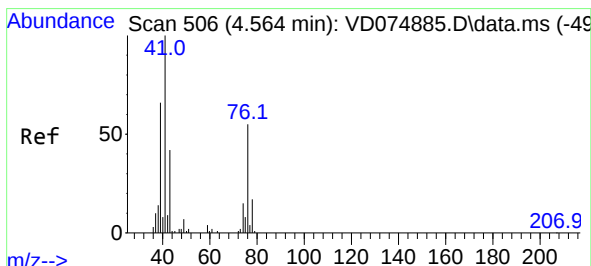
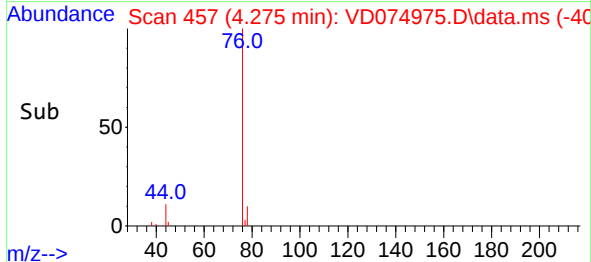
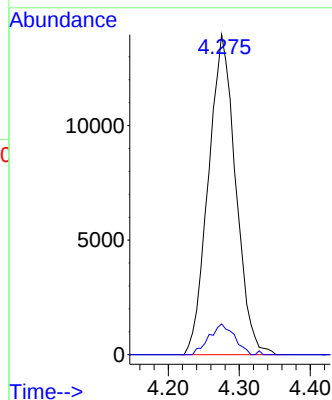
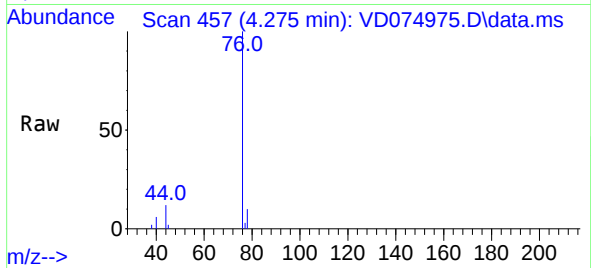




#17
Carbon Disulfide
Concen: 10.868 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

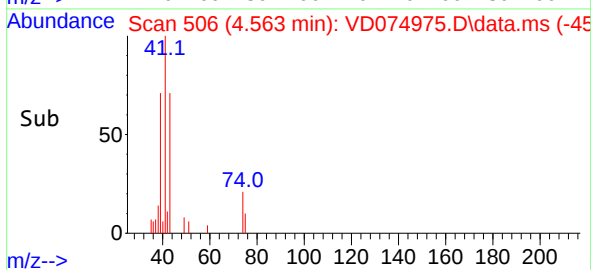
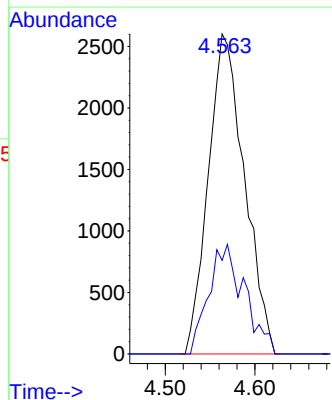
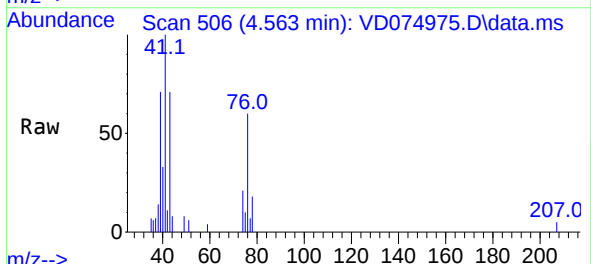
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

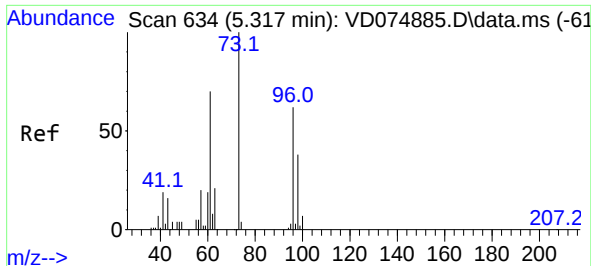
Tgt Ion: 76 Resp: 37300
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.8



#18
Methyl Acetate
Concen: 12.332 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 43 Resp: 7277
Ion Ratio Lower Upper
43 100
74 33.8 24.7 37.1

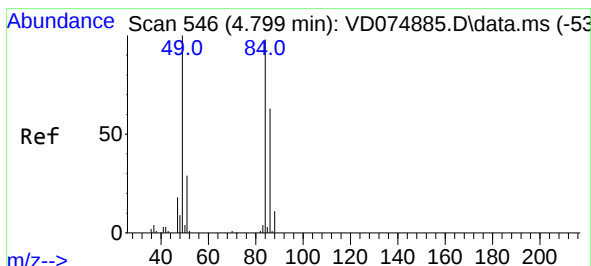
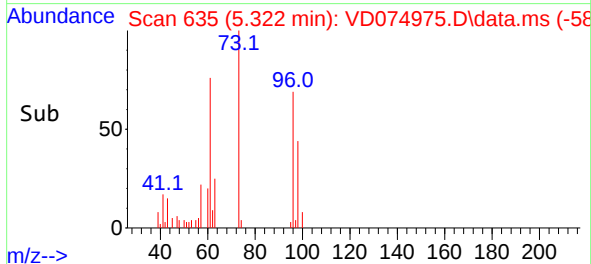
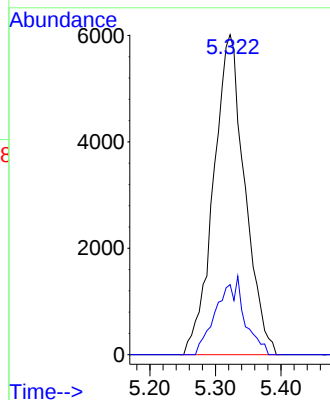
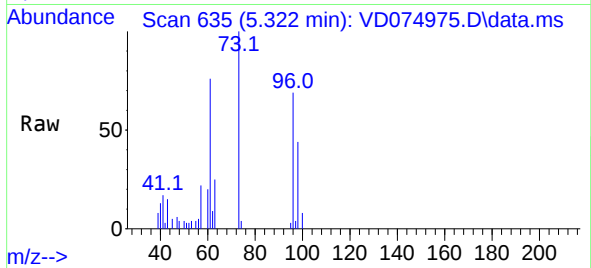




#19
Methyl tert-butyl Ether
Concen: 8.238 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

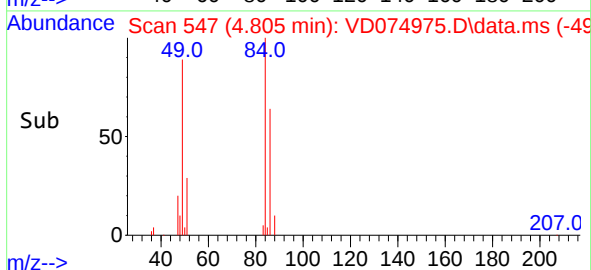
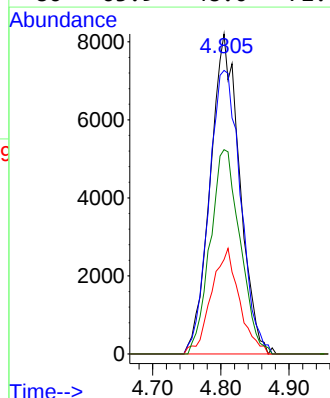
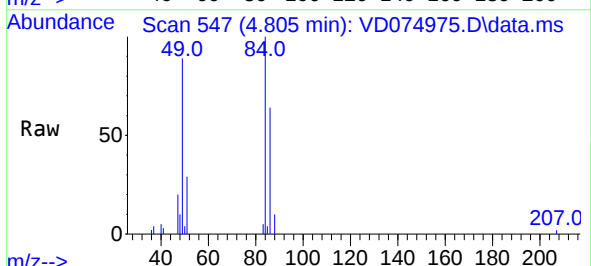
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

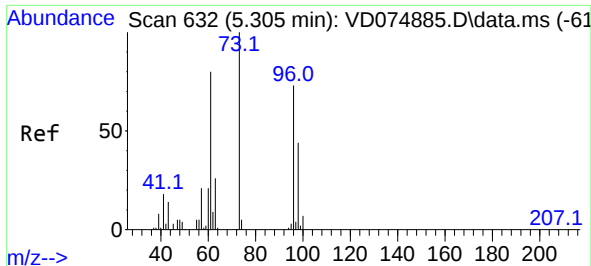
Tgt Ion: 73 Resp: 19900
Ion Ratio Lower Upper
73 100
57 21.9 16.1 24.1



#20
Methylene Chloride
Concen: 1.603 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 84 Resp: 24575
Ion Ratio Lower Upper
84 100
49 88.6 68.0 102.0
51 29.5 23.2 34.8
86 63.9 48.0 72.0

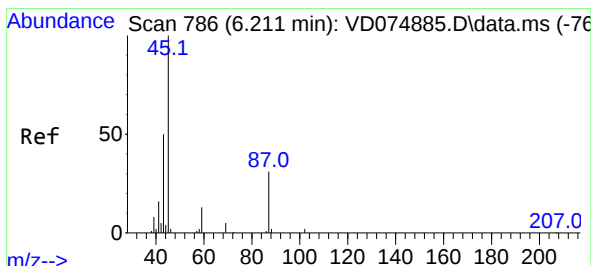
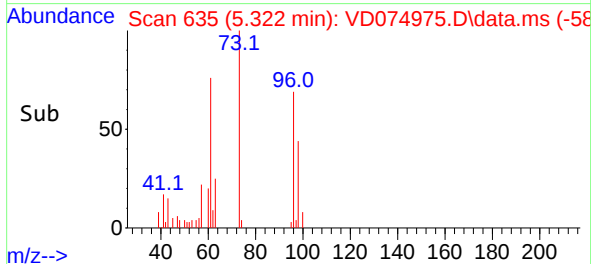
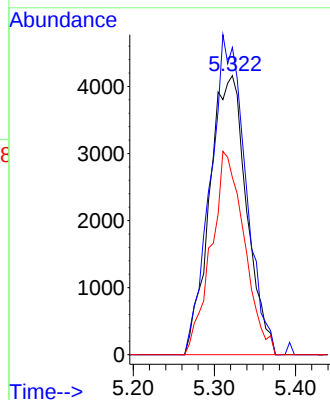
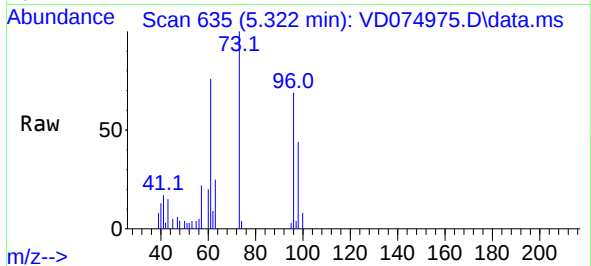




#21
trans-1,2-Dichloroethene
Concen: 9.639 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.017 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

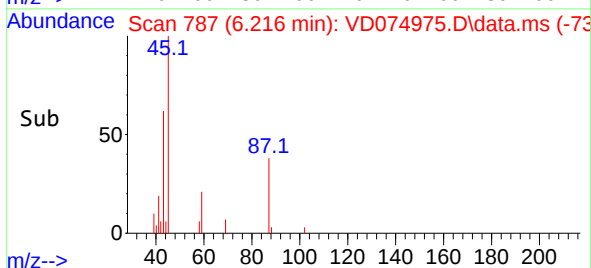
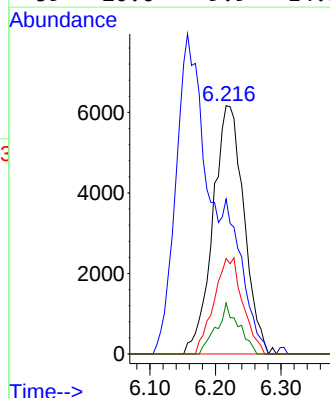
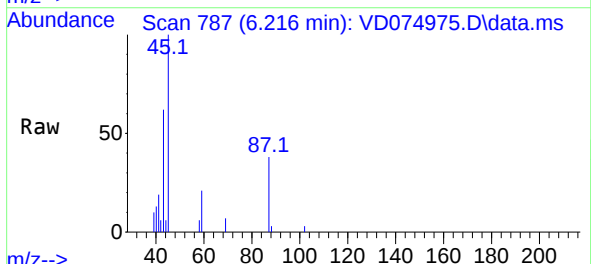
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

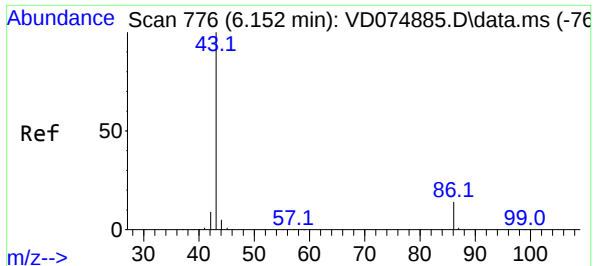
Tgt Ion: 96 Resp: 13188
Ion Ratio Lower Upper
96 100
61 110.1 95.7 143.5
98 63.5 54.8 82.2



#22
Diisopropyl ether
Concen: 7.057 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 45 Resp: 20300
Ion Ratio Lower Upper
45 100
43 59.8 37.8 56.6#
87 38.4 26.6 40.0
59 20.6 9.9 14.9#

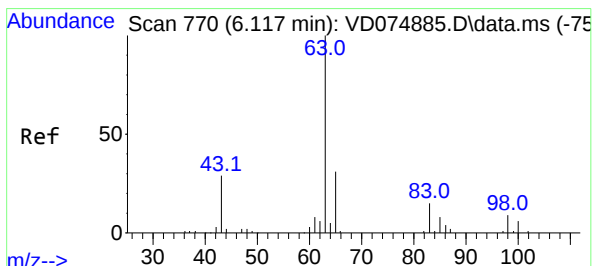
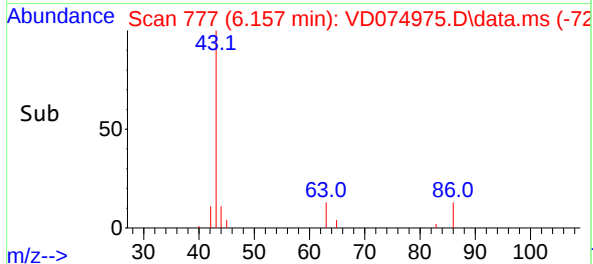
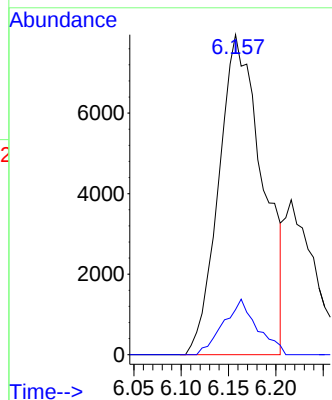
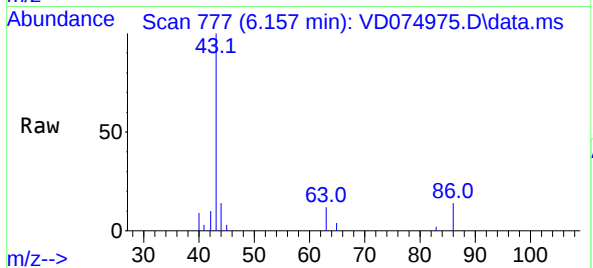




#23
 Vinyl Acetate
 Concen: 20.790 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: VD074975.D
 Acq: 17 Nov 2022 17:44

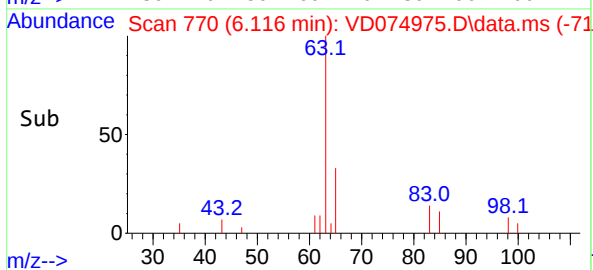
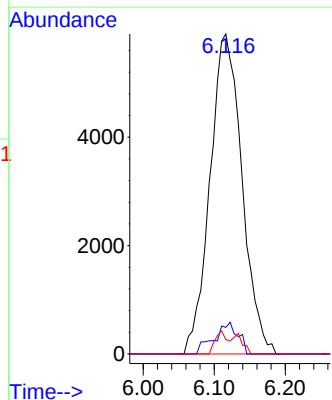
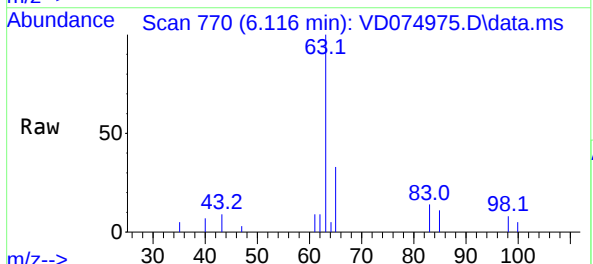
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

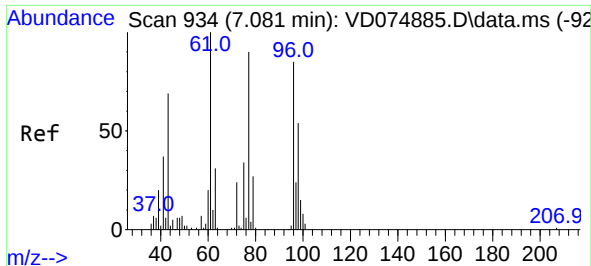
Tgt Ion: 43 Resp: 25666
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 8.587 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VD074975.D
 Acq: 17 Nov 2022 17:44

Tgt Ion: 63 Resp: 18446
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.6 13.8
 100 4.5 2.9 8.6

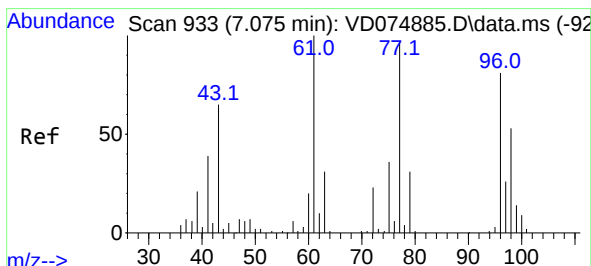
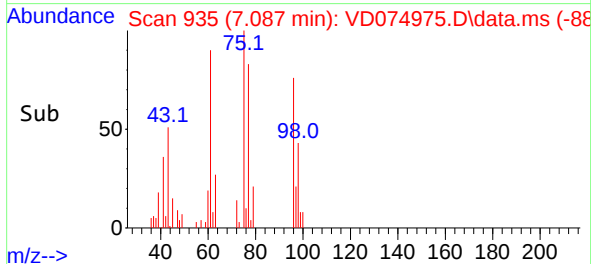
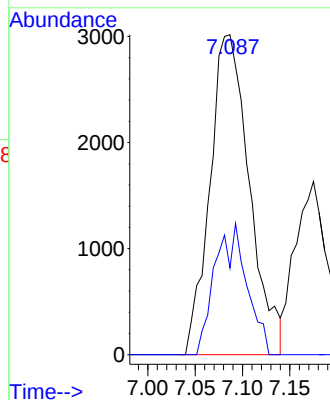
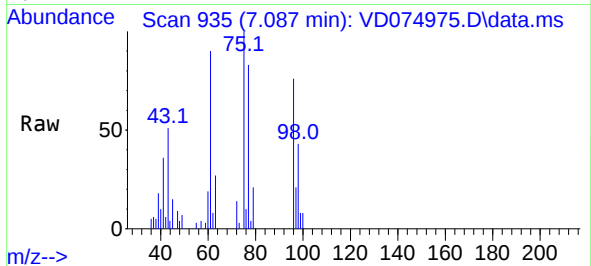




#25
2-Butanone
Concen: 33.424 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

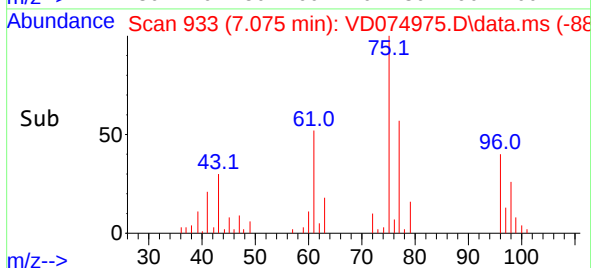
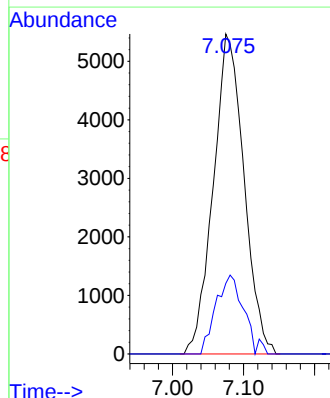
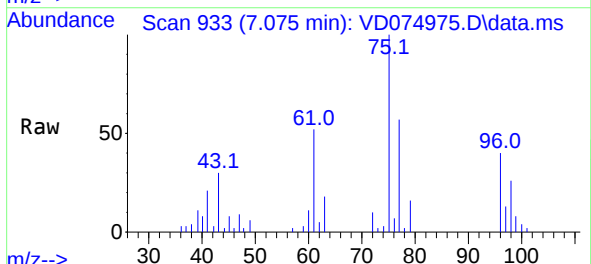
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

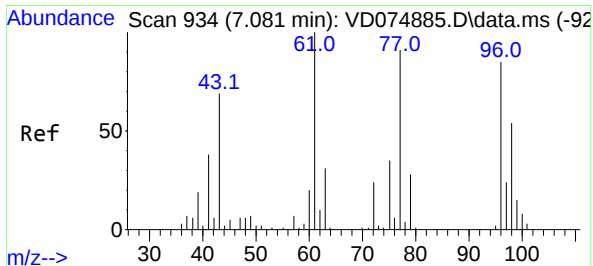
Tgt Ion: 43 Resp: 8766
Ion Ratio Lower Upper
43 100
72 27.1 25.8 38.8



#26
2,2-Dichloropropane
Concen: 8.113 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 77 Resp: 16378
Ion Ratio Lower Upper
77 100
97 22.4 12.5 37.5



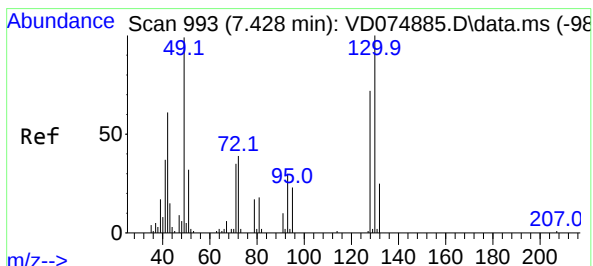
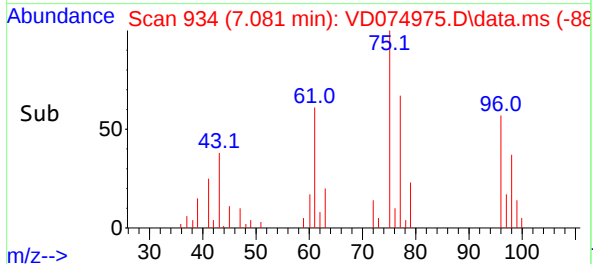
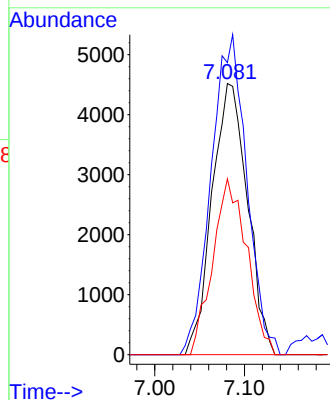
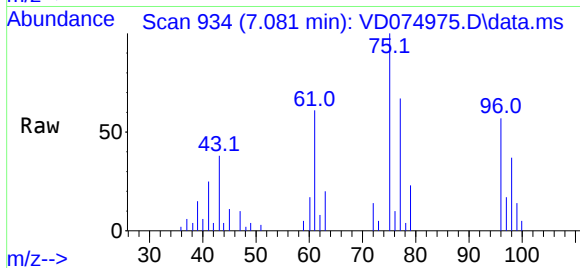


#27
 cis-1,2-Dichloroethene
 Concen: 8.165 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD074975.D
 Acq: 17 Nov 2022 17:44

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

Tgt Ion: 96 Resp: 12393

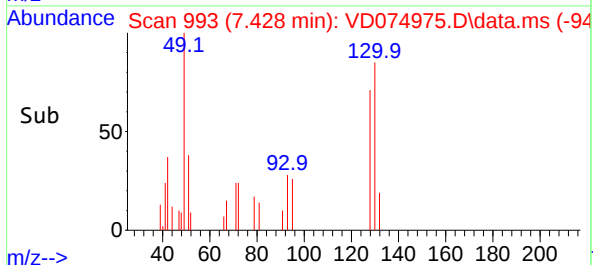
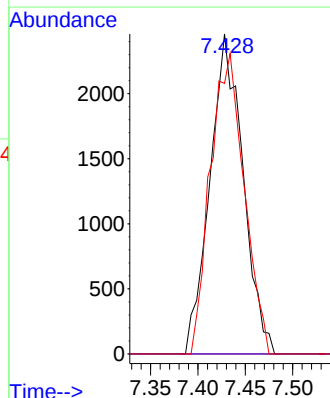
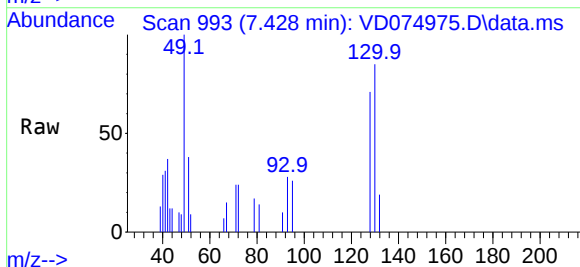
Ion	Ratio	Lower	Upper
96	100		
61	118.8	0.0	242.4
98	62.3	0.0	130.0

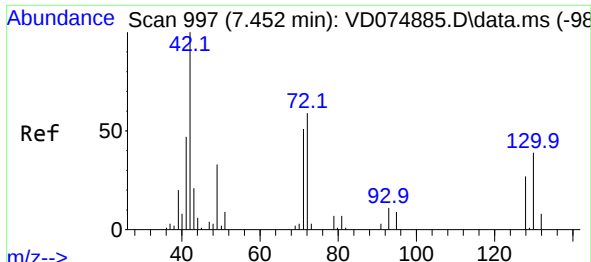


#28
 Bromochloromethane
 Concen: 8.610 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD074975.D
 Acq: 17 Nov 2022 17:44

Tgt Ion: 49 Resp: 5967

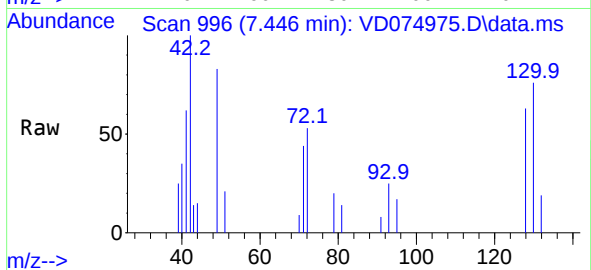
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	96.1	84.1	126.1



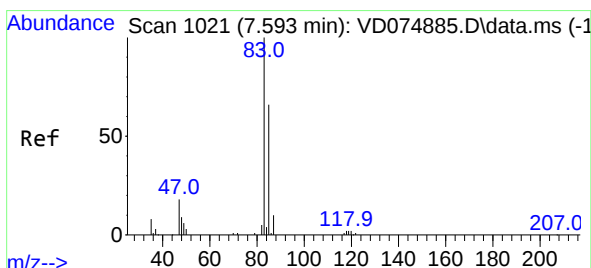
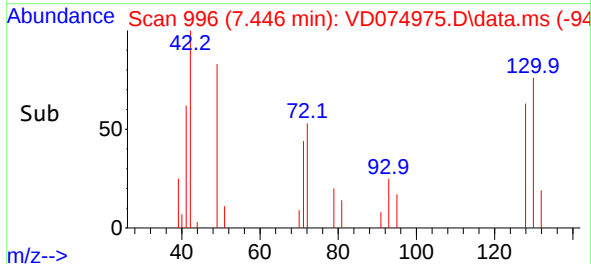
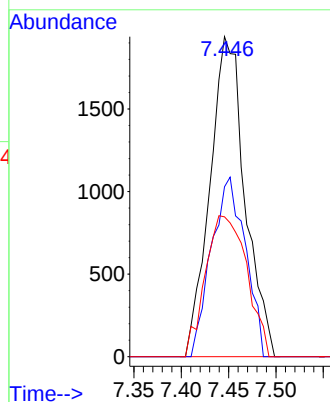


#29
Tetrahydrofuran
Concen: 34.469 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

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

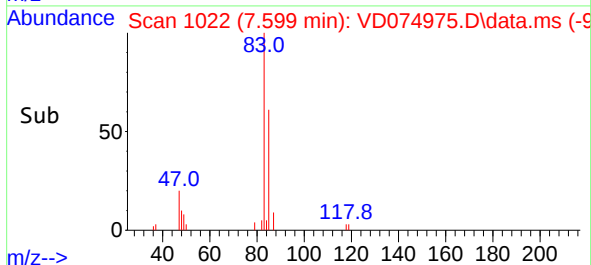
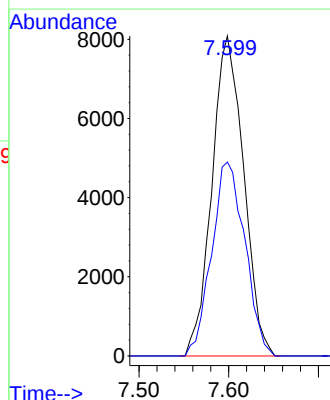
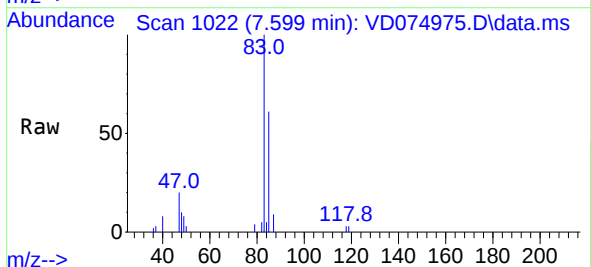


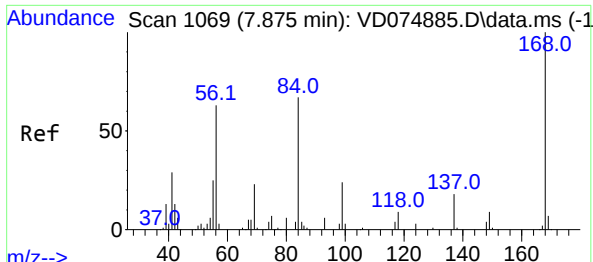
Tgt Ion: 42	Resp: 5004
Ion Ratio	Lower Upper
42 100	
72 54.3	45.8 68.6
71 51.8	44.6 66.8



#30
Chloroform
Concen: 8.447 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

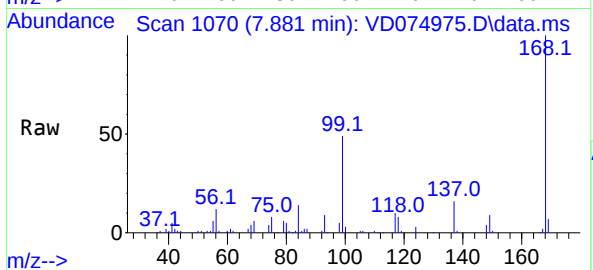
Tgt Ion: 83	Resp: 19871
Ion Ratio	Lower Upper
83 100	
85 60.6	52.0 78.0



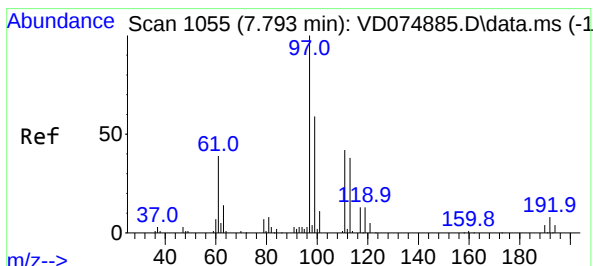
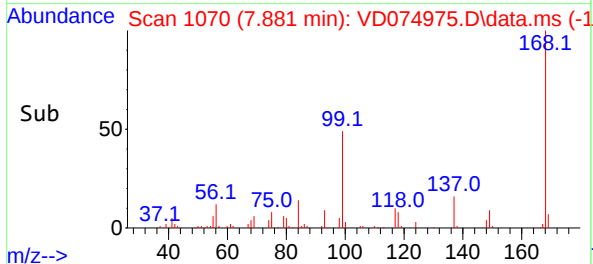
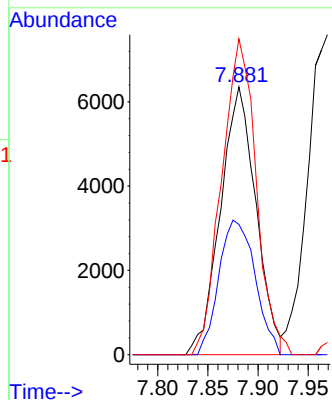


#31
Cyclohexane
Concen: 8.827 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

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

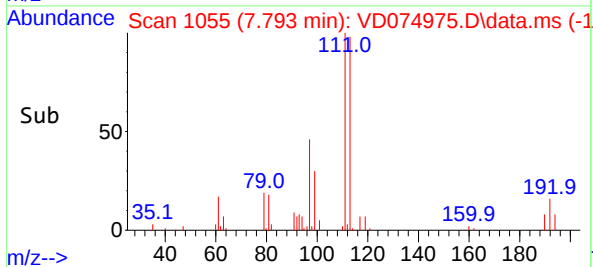
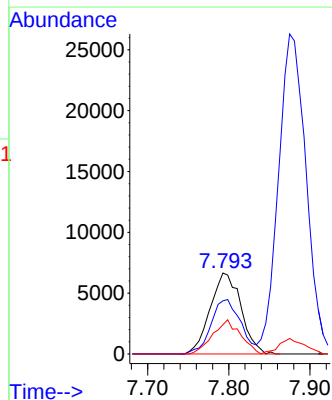
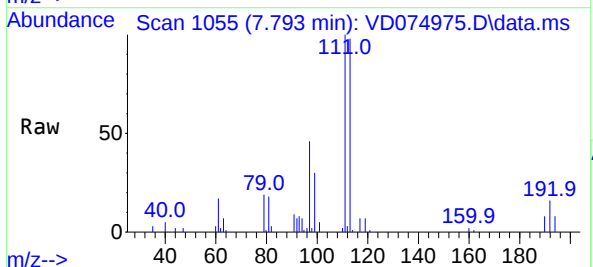


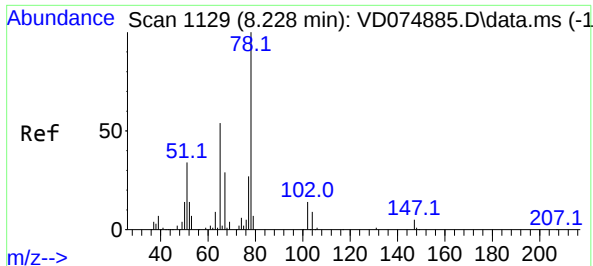
Tgt Ion: 56 Resp: 15635
Ion Ratio Lower Upper
56 100
69 48.6 29.2 43.8#
84 117.9 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 8.639 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 97 Resp: 17515
Ion Ratio Lower Upper
97 100
99 64.7 53.3 79.9
61 37.8 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 54.328 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

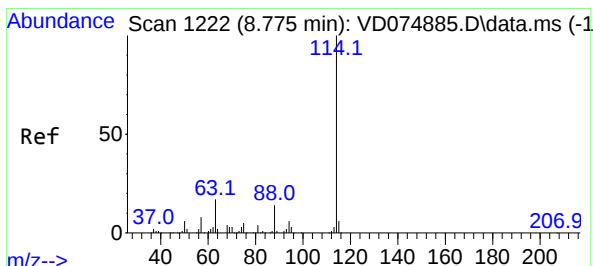
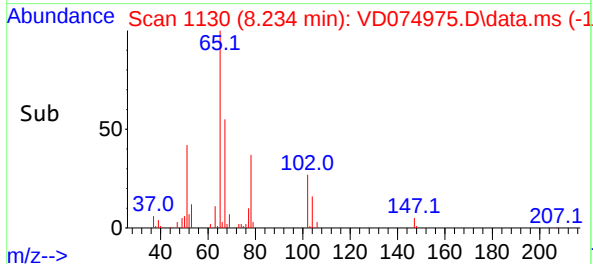
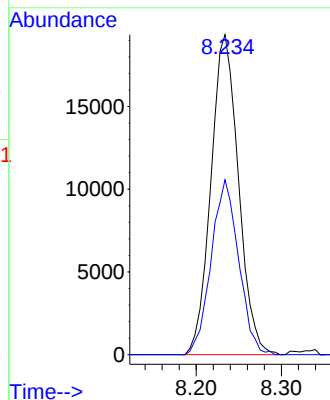
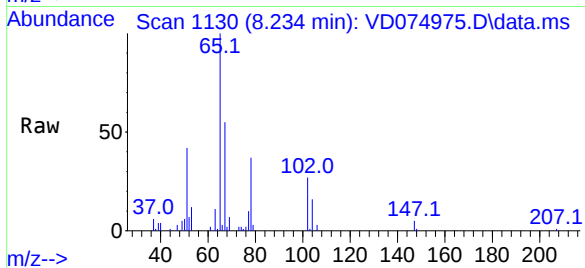
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 65 Resp: 43443

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

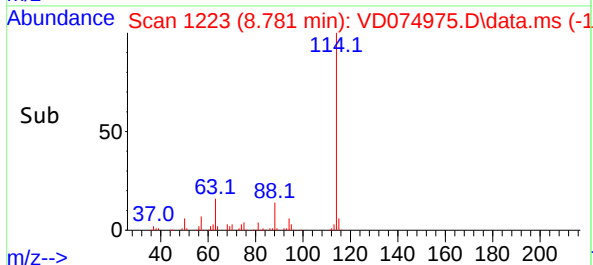
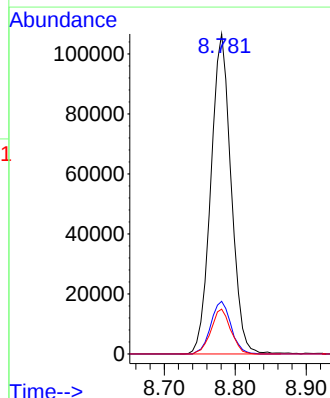
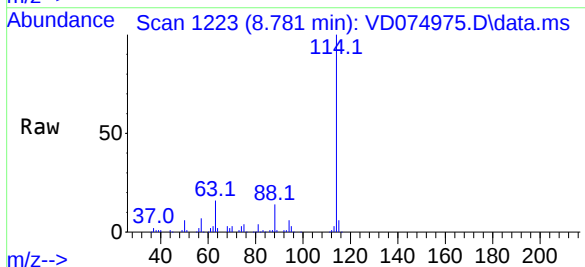
Tgt Ion: 114 Resp: 210510

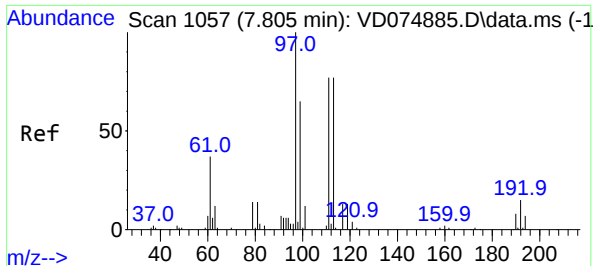
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 14.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 42.828 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

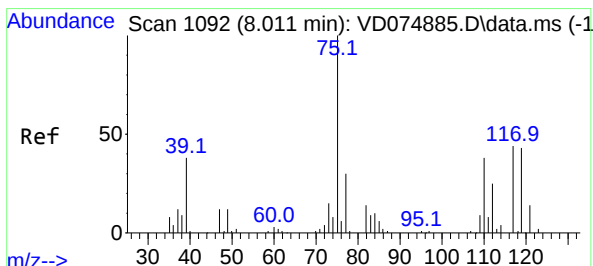
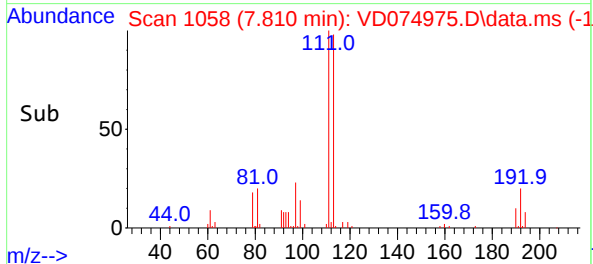
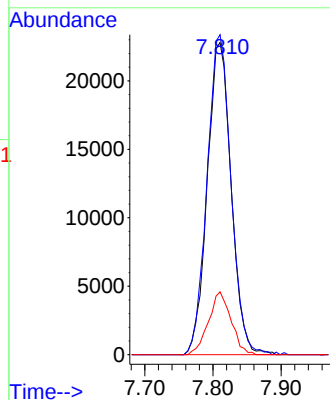
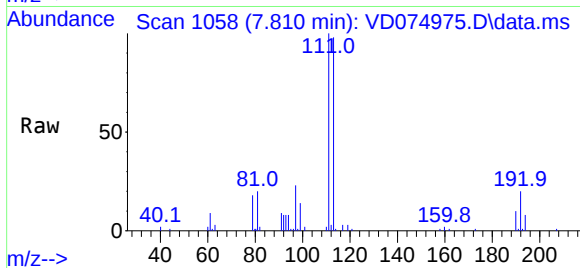
Tgt Ion:113 Resp: 55576

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

192 19.0 16.4 24.6



#36

1,1-Dichloropropene

Concen: 7.667 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

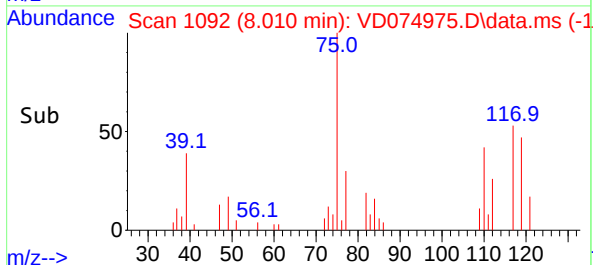
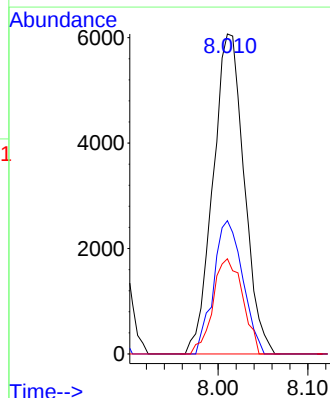
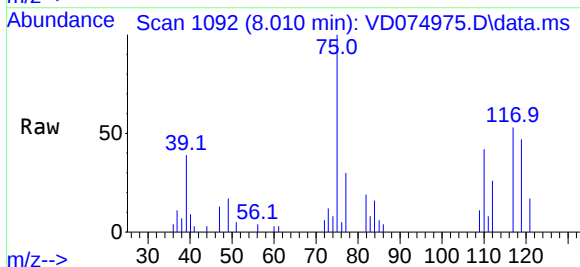
Tgt Ion: 75 Resp: 14621

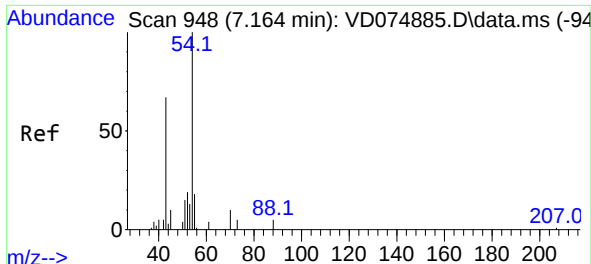
Ion Ratio Lower Upper

75 100

110 38.9 19.7 59.0

77 28.4 25.4 38.2

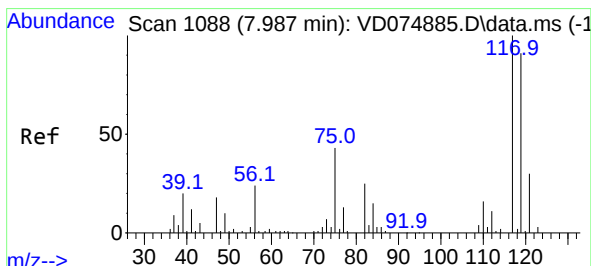
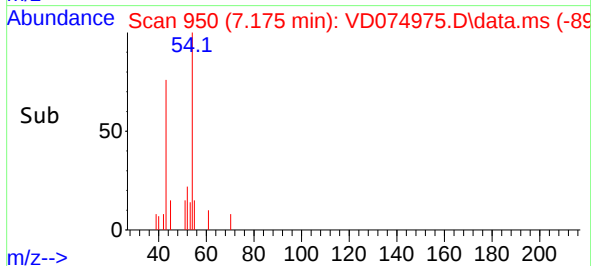
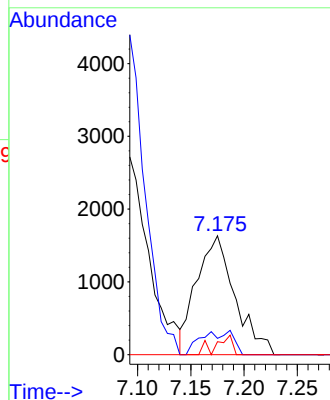
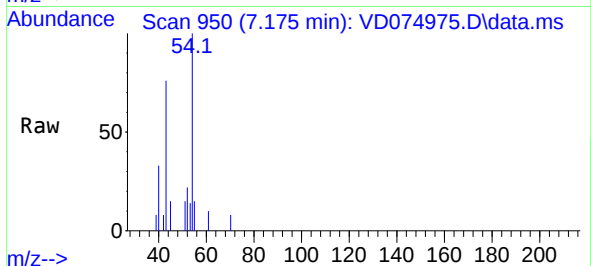




#37
Ethyl Acetate
Concen: 6.383 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.011 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

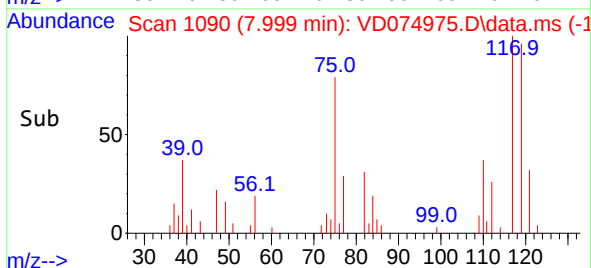
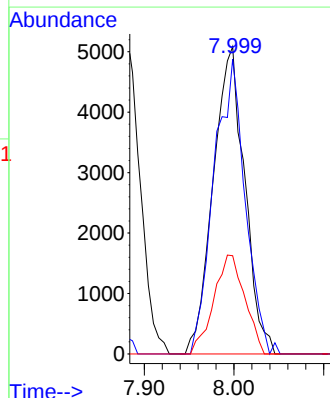
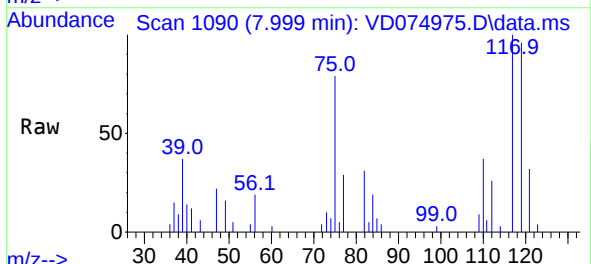
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

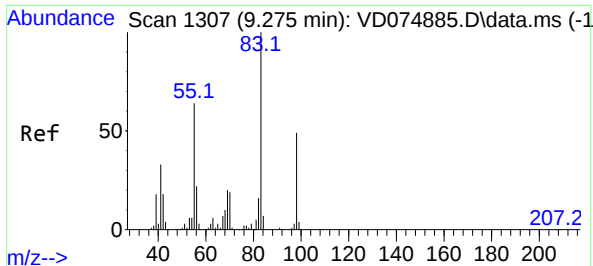
Tgt Ion: 43 Resp: 4085
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 5.3 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 6.891 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.012 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 117 Resp: 12370
Ion Ratio Lower Upper
117 100
119 95.9 73.1 109.7
121 32.0 25.0 37.6





#39

Methylcyclohexane

Concen: 7.982 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

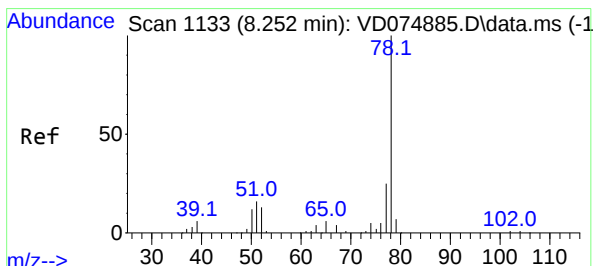
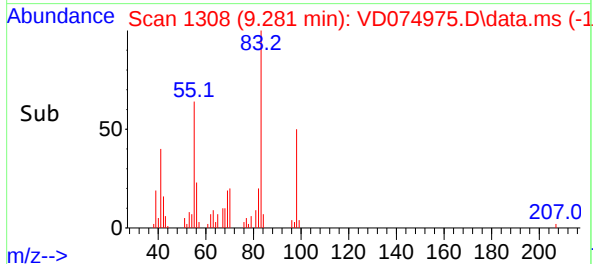
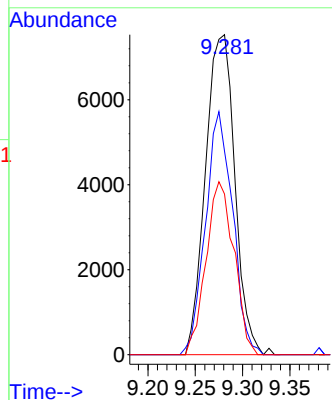
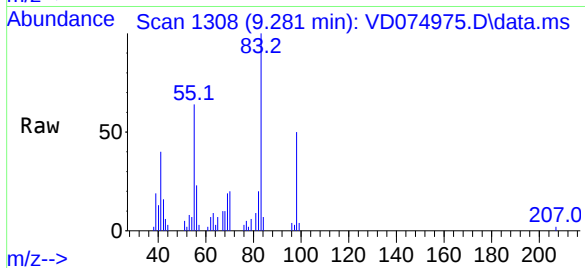
Tgt Ion: 83 Resp: 16308

Ion Ratio Lower Upper

83 100

55 63.6 49.0 73.4

98 50.2 41.7 62.5



#40

Benzene

Concen: 8.035 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.005 min

Lab File: VD074975.D

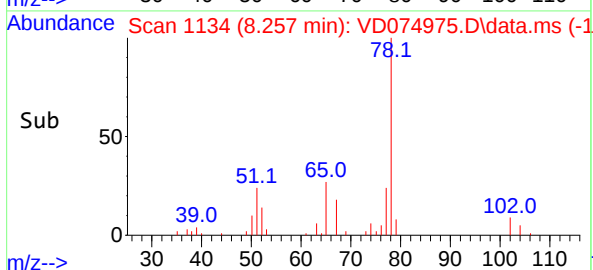
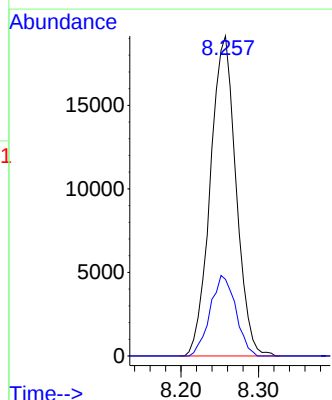
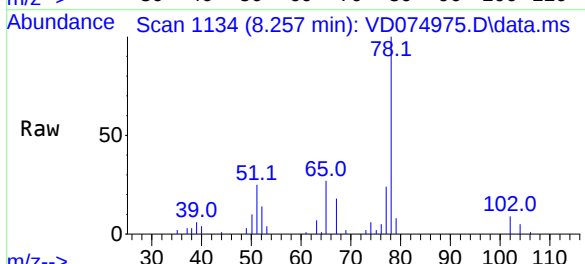
Acq: 17 Nov 2022 17:44

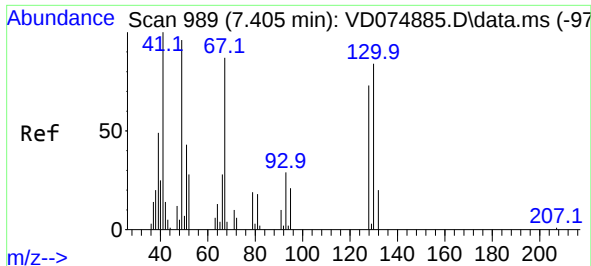
Tgt Ion: 78 Resp: 44064

Ion Ratio Lower Upper

78 100

77 23.9 20.1 30.1

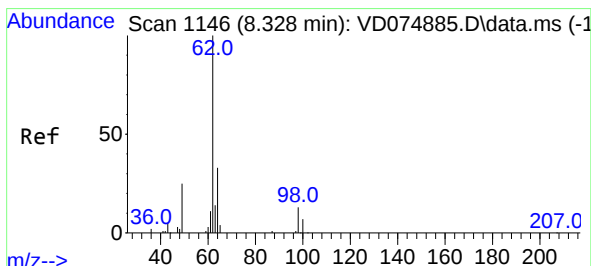
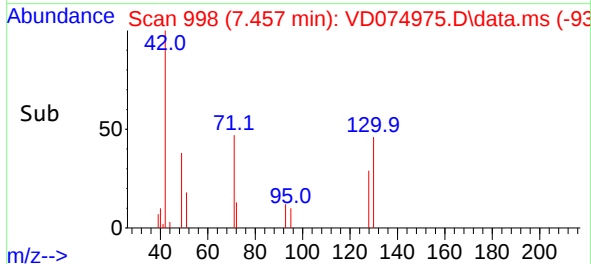
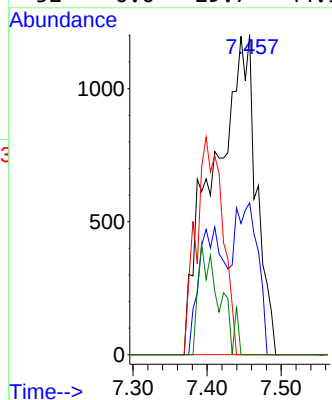
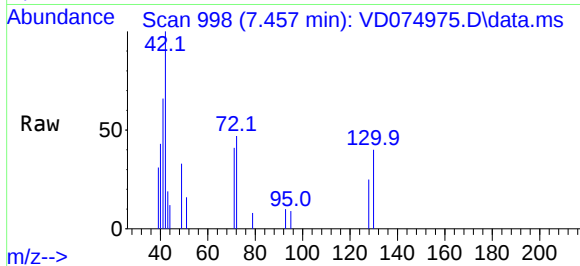




#41
Methacrylonitrile
Concen: 14.071 ug/l
RT: 7.457 min Scan# 91
Delta R.T. 0.052 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

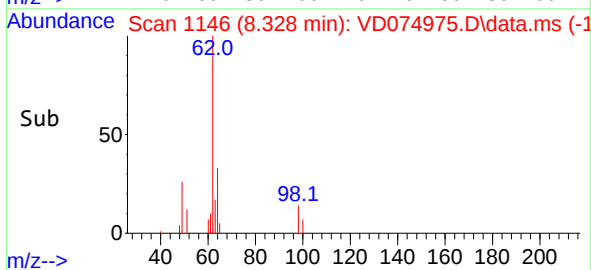
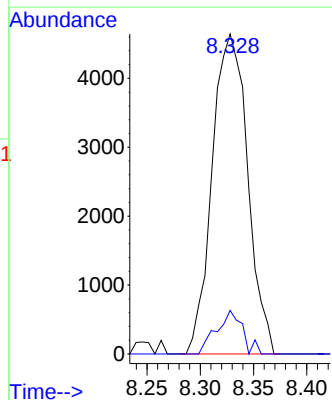
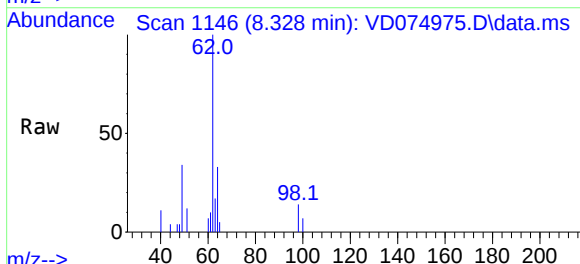
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

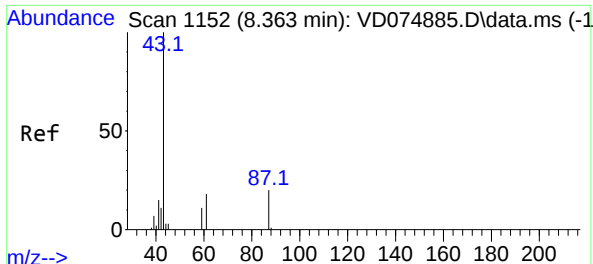
Tgt Ion:	41	Resp:	4776
Ion	Ratio	Lower	Upper
41	100		
39	26.5	35.0	52.6#
67	0.0	77.0	115.6#
52	0.0	29.7	44.5#



#42
1,2-Dichloroethane
Concen: 8.184 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:	62	Resp:	10740
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	24.2

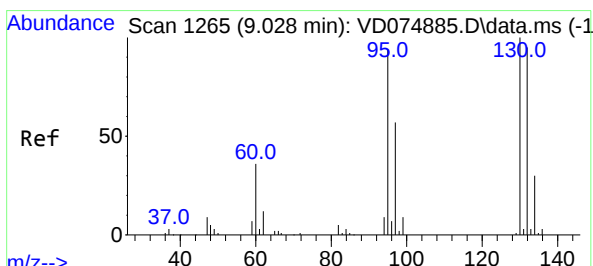
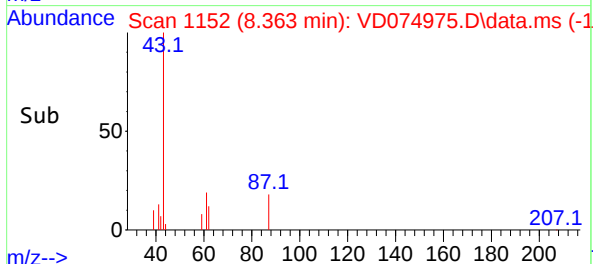
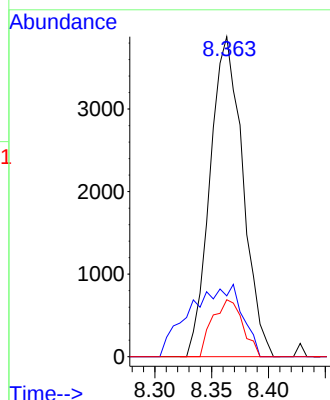
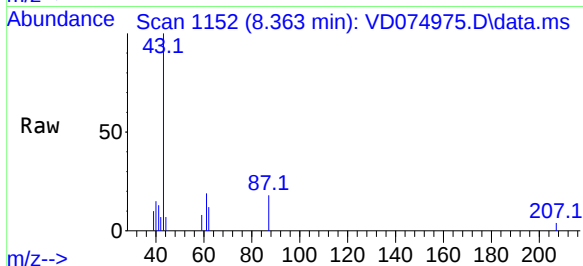




#43
Isopropyl Acetate
Concen: 6.880 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

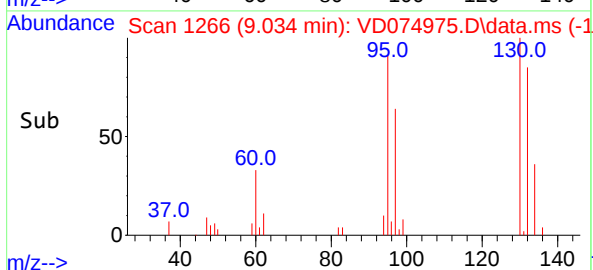
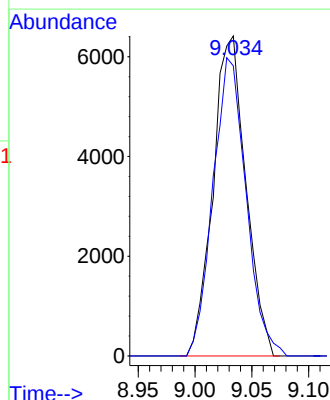
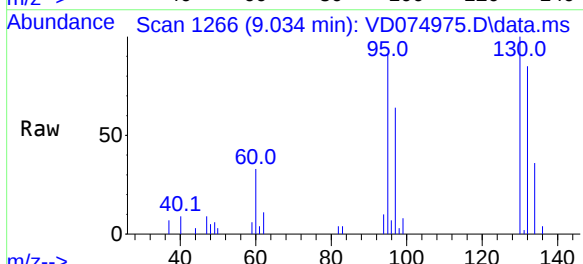
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

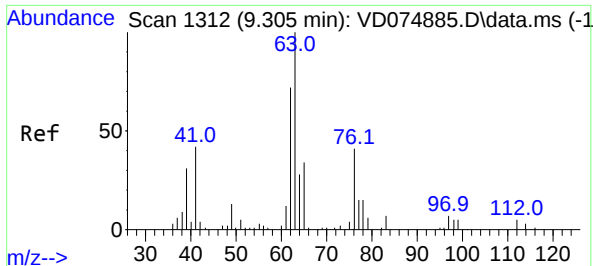
Tgt Ion:	43	Resp:	7755
Ion	Ratio	Lower	Upper
43	100		
61	36.0	30.9	46.3
87	16.4	14.3	21.5



#44
Trichloroethene
Concen: 8.908 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:	130	Resp:	12906
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	185.4

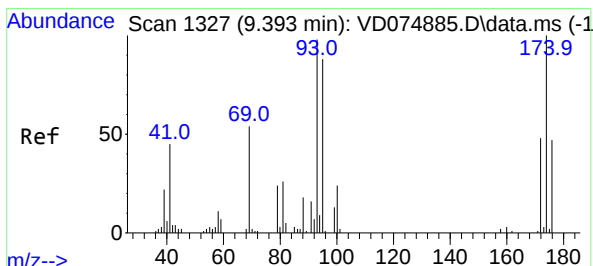
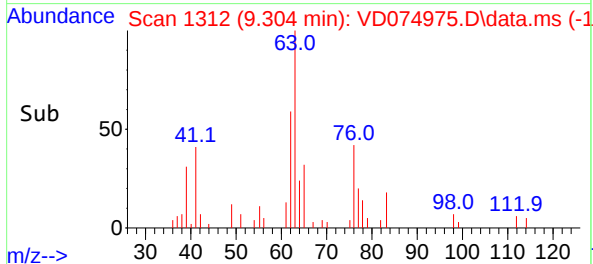
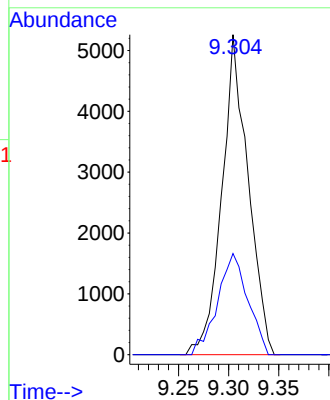
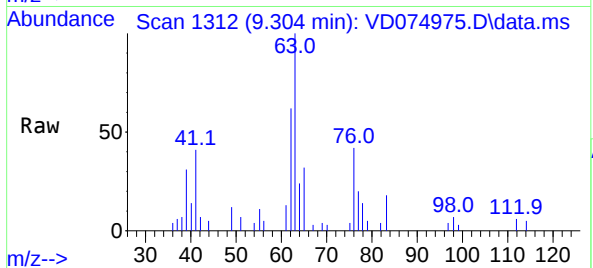




#45
1,2-Dichloropropane
Concen: 7.777 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

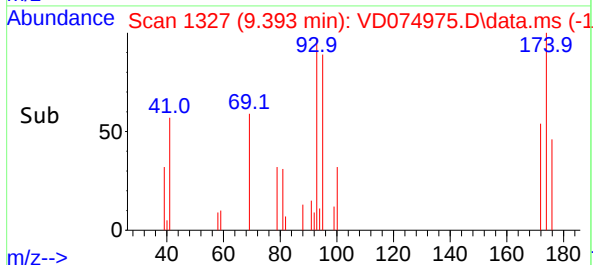
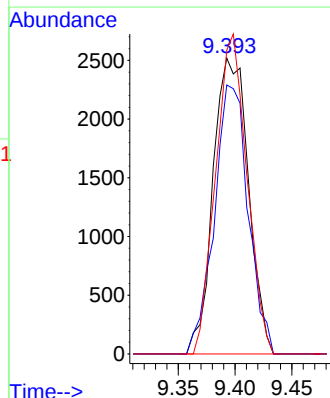
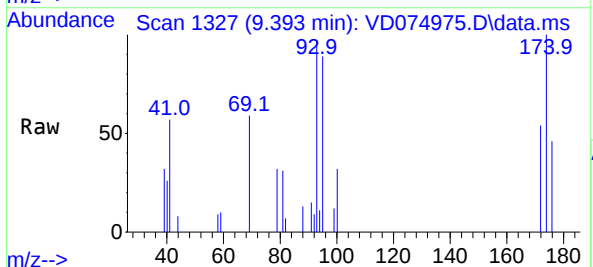
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

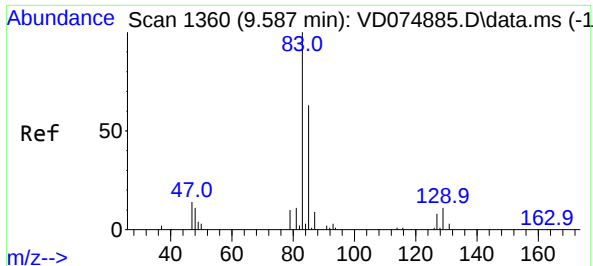
Tgt Ion: 63 Resp: 9582
Ion Ratio Lower Upper
63 100
65 31.6 23.1 34.7



#46
Dibromomethane
Concen: 7.873 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 93 Resp: 5433
Ion Ratio Lower Upper
93 100
95 87.2 68.2 102.2
174 96.3 87.4 131.0

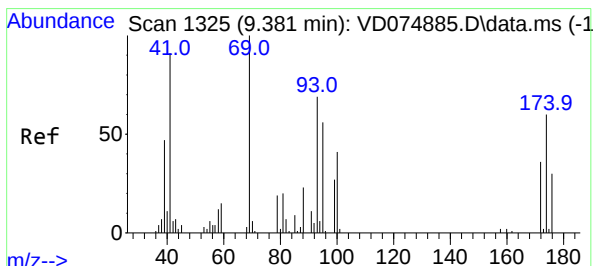
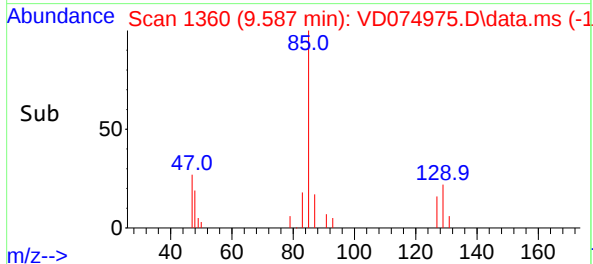
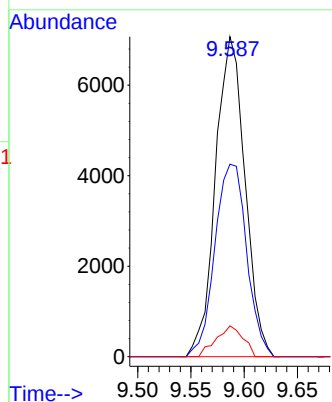
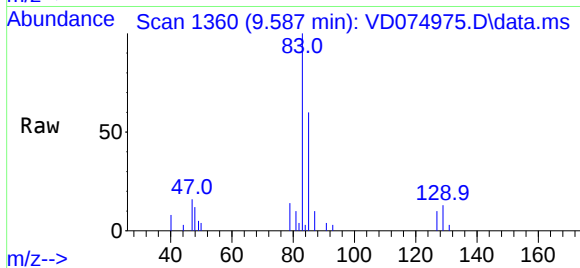




#47
Bromodichloromethane
Concen: 7.940 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

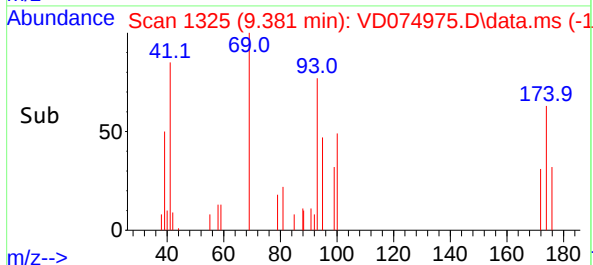
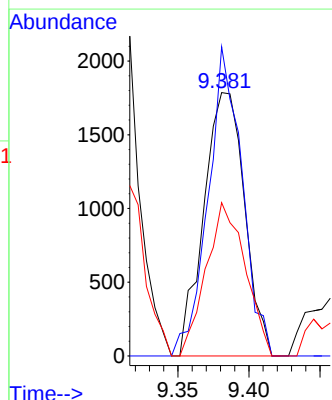
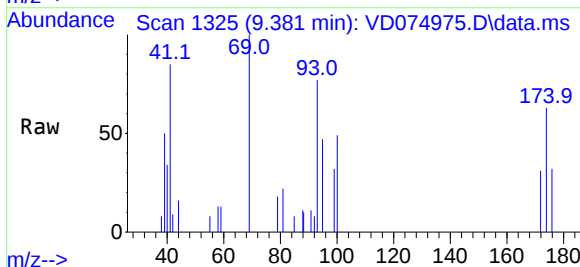
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

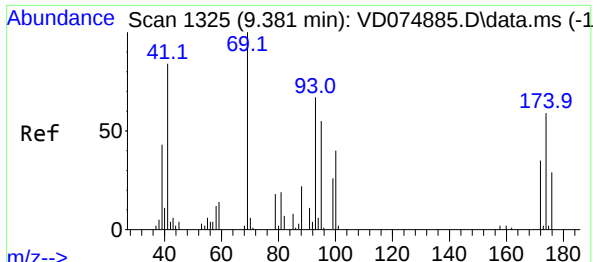
Tgt Ion:	83	Resp:	13598
Ion	Ratio	Lower	Upper
83	100		
85	60.1	48.8	73.2
127	9.7	6.7	10.1



#48
Methyl methacrylate
Concen: 7.152 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:	41	Resp:	3571
Ion	Ratio	Lower	Upper
41	100		
69	97.3	93.0	139.4
39	55.8	44.6	66.8

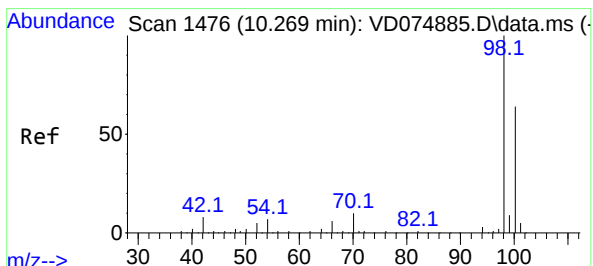
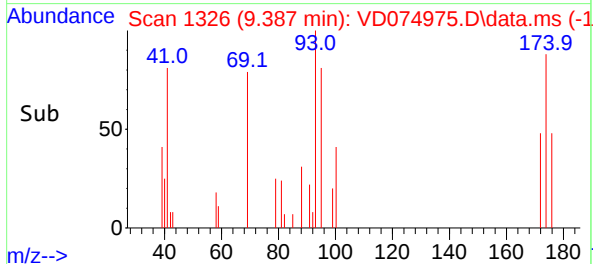
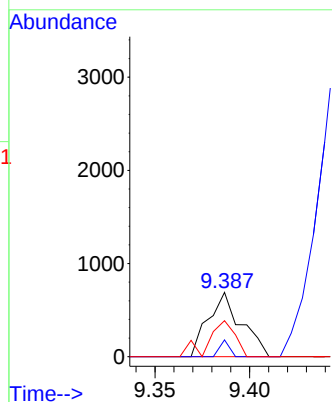
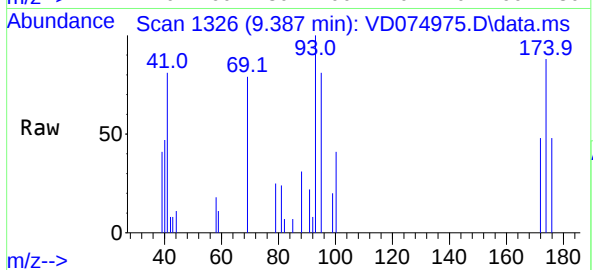




#49
1,4-Dioxane
Concen: 123.758 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

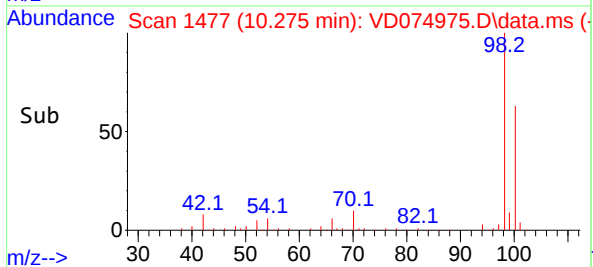
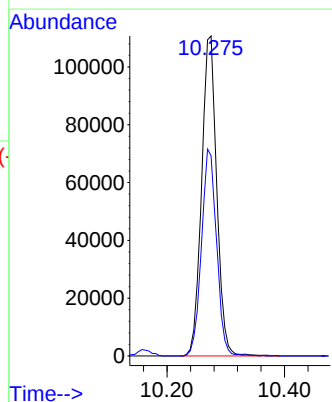
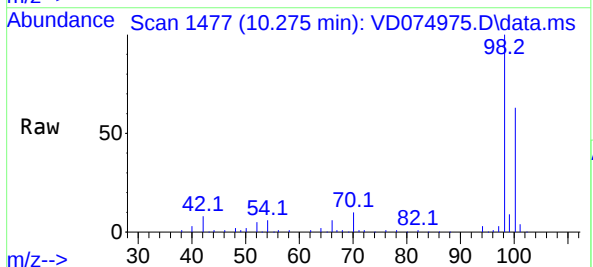
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

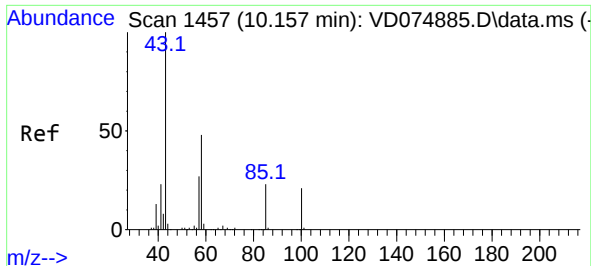
Tgt Ion: 88 Resp: 838
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 44.9 43.1 64.7



#50
Toluene-d8
Concen: 46.386 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 98 Resp: 198277
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 32.825 ug/l

RT: 10.163 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

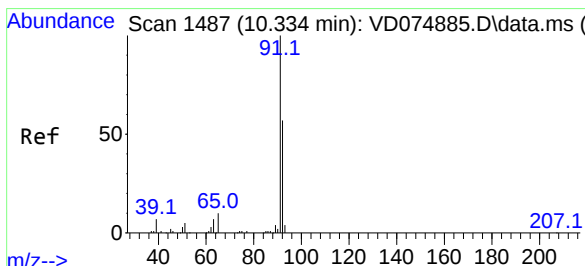
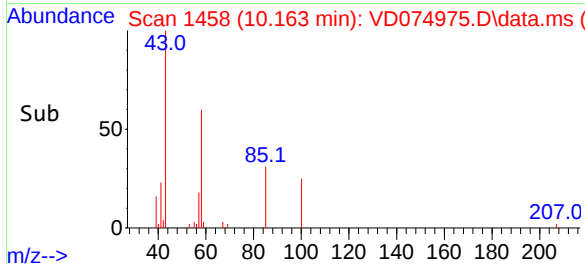
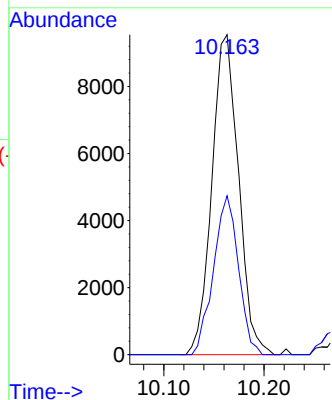
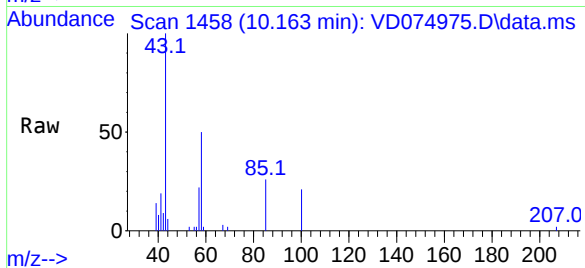
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 43 Resp: 17638

Ion Ratio Lower Upper

43 100

58 46.4 37.8 56.6



#52

Toluene

Concen: 8.686 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD074975.D

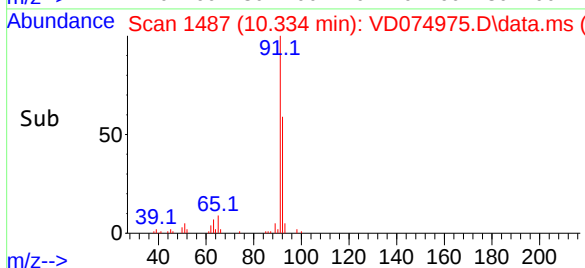
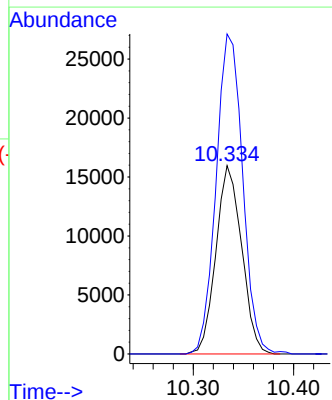
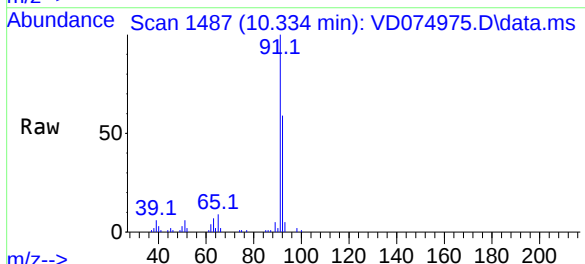
Acq: 17 Nov 2022 17:44

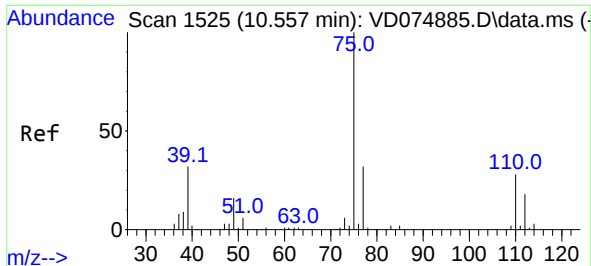
Tgt Ion: 92 Resp: 28480

Ion Ratio Lower Upper

92 100

91 175.4 139.0 208.4

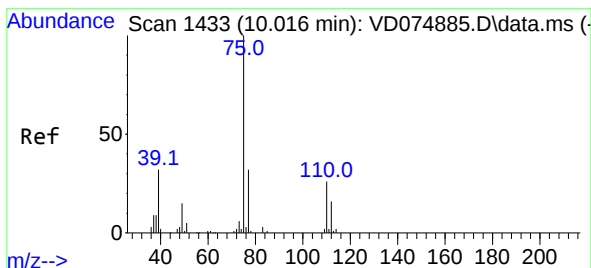
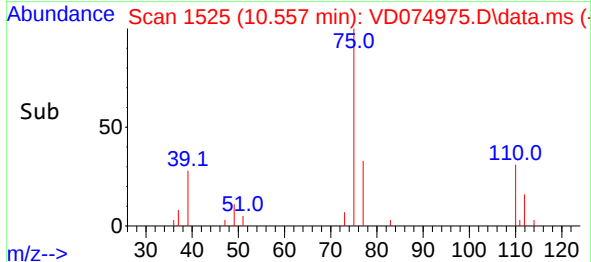
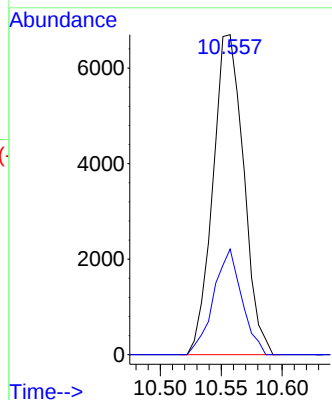
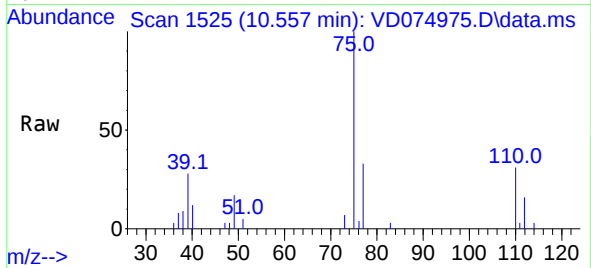




#53
t-1,3-Dichloropropene
Concen: 7.787 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

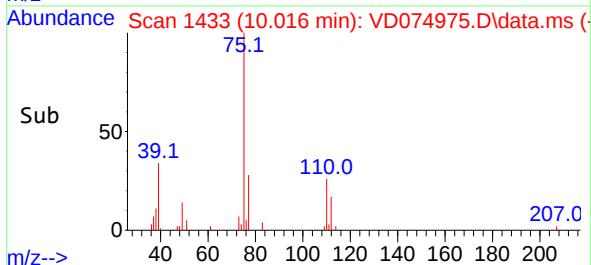
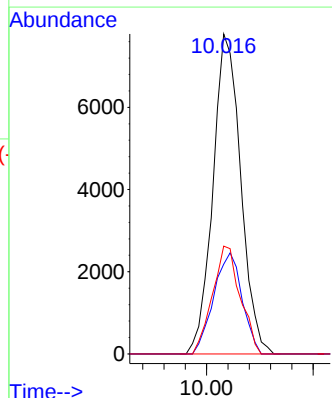
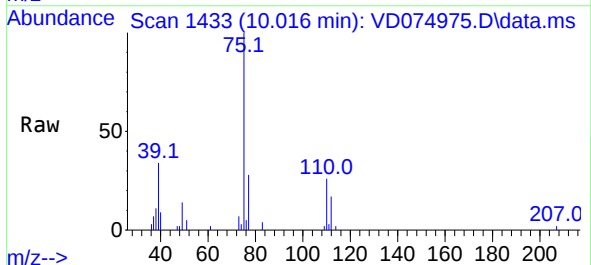
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

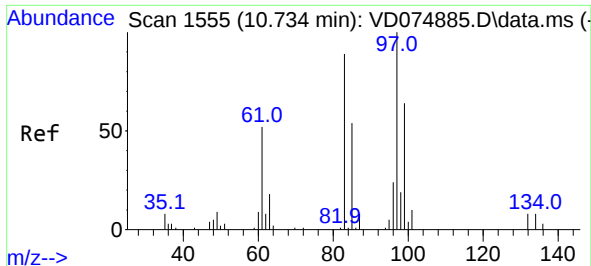
Tgt Ion: 75 Resp: 11780
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 7.591 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 75 Resp: 14084
Ion Ratio Lower Upper
75 100
77 28.1 24.7 37.1
39 33.7 25.4 38.2

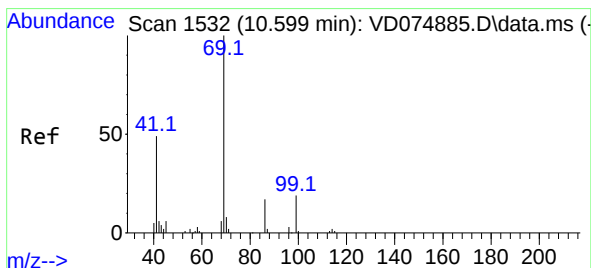
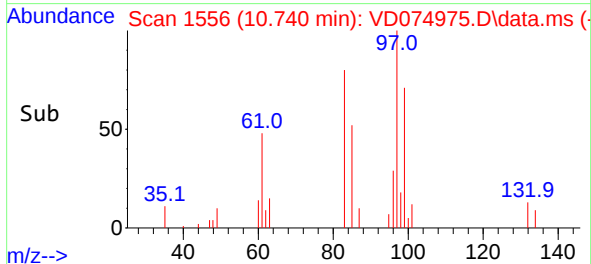
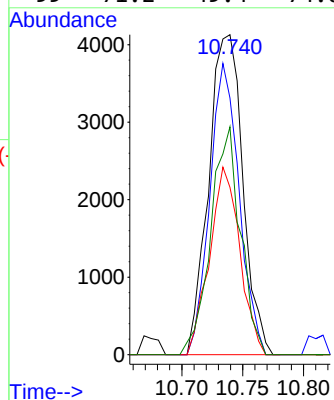
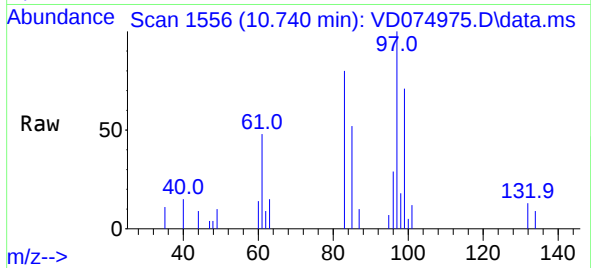




#55
1,1,2-Trichloroethane
Concen: 8.406 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

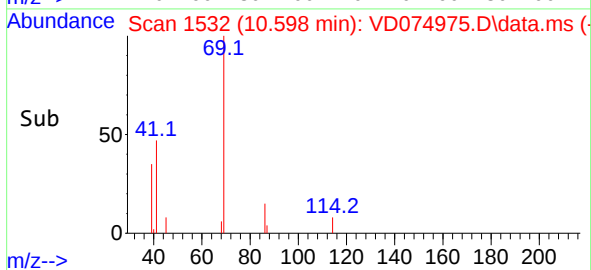
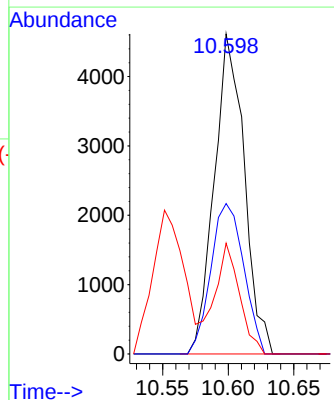
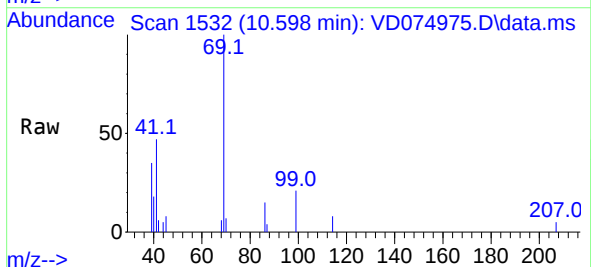
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

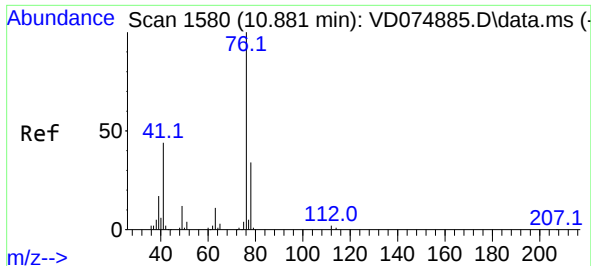
Tgt Ion: 97	Resp: 8066
Ion Ratio	Lower Upper
97 100	
83 80.2	64.8 97.2
85 52.3	44.8 67.2
99 71.2	49.4 74.0



#56
Ethyl methacrylate
Concen: 8.742 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 69	Resp: 7338
Ion Ratio	Lower Upper
69 100	
41 51.5	38.6 58.0
39 27.4	19.9 29.9





#57

1,3-Dichloropropane

Concen: 8.131 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

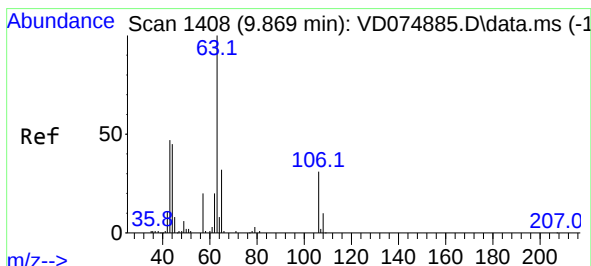
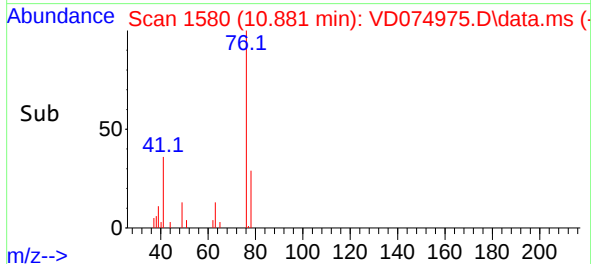
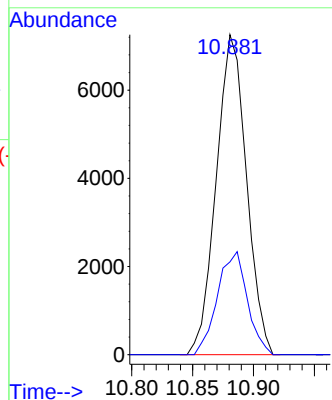
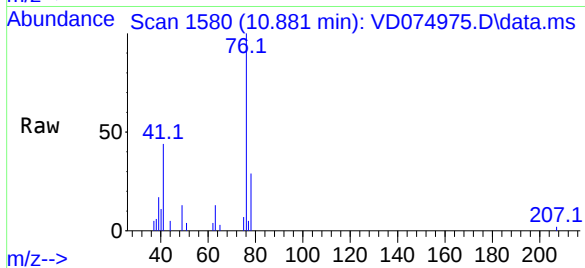
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 76 Resp: 12543

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 47.325 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074975.D

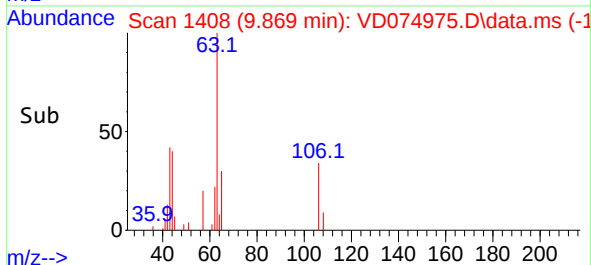
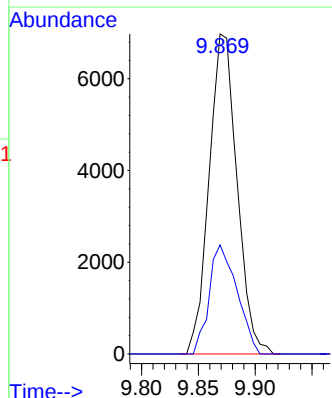
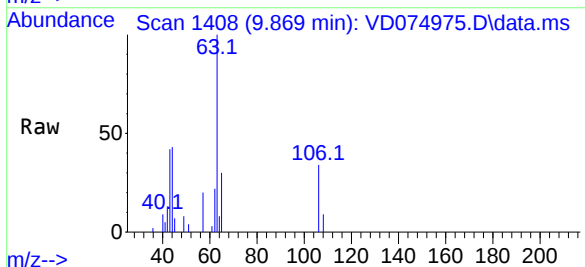
Acq: 17 Nov 2022 17:44

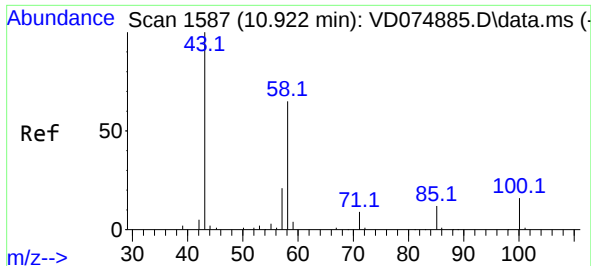
Tgt Ion: 63 Resp: 11931

Ion Ratio Lower Upper

63 100

106 34.0 26.5 39.7

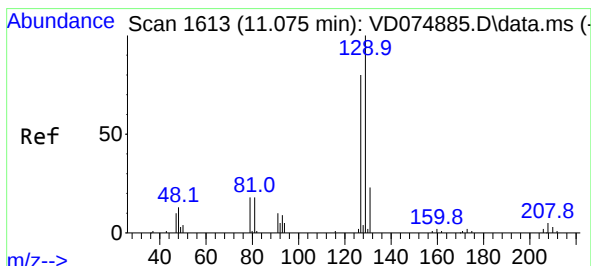
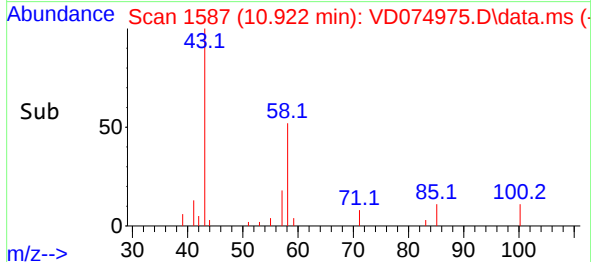
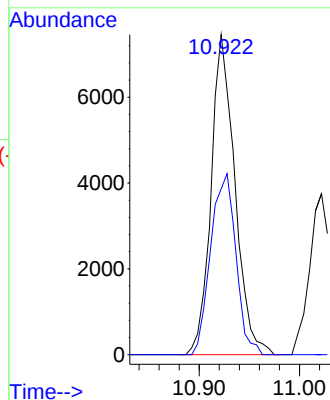
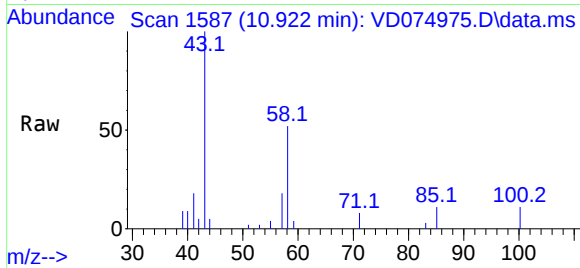




#59
2-Hexanone
Concen: 32.847 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

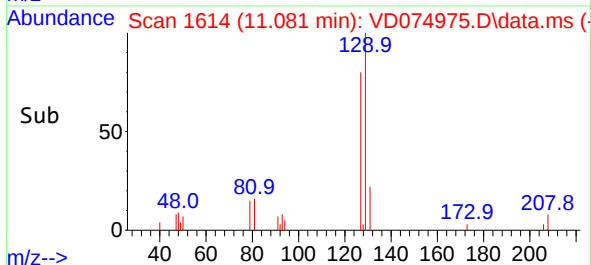
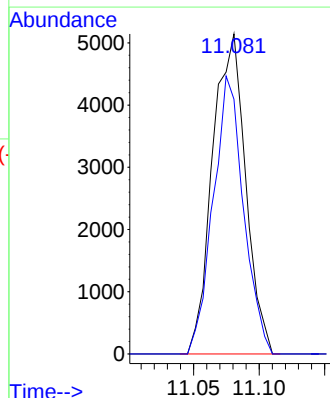
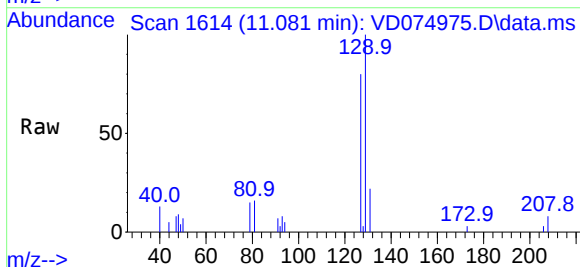
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

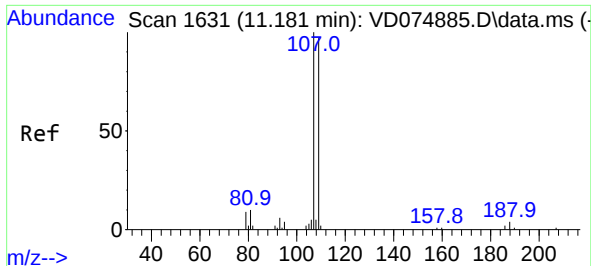
Tgt Ion: 43 Resp: 12304
Ion Ratio Lower Upper
43 100
58 59.8 32.0 96.2



#60
Dibromochloromethane
Concen: 7.920 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 129 Resp: 9015
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.2

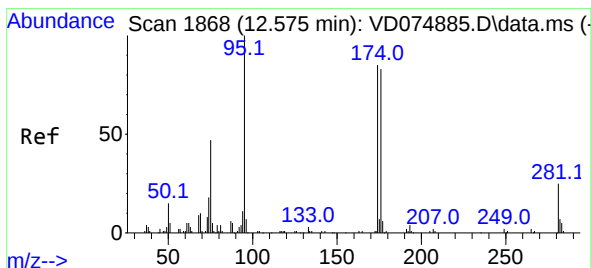
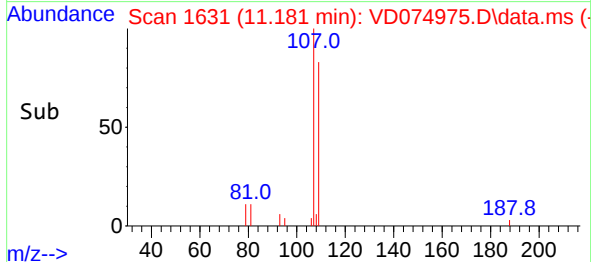
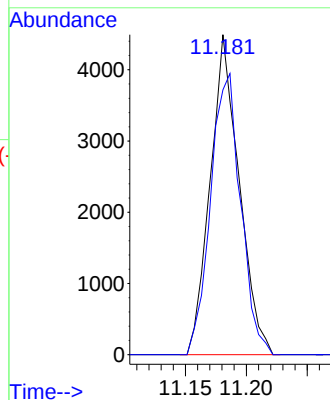
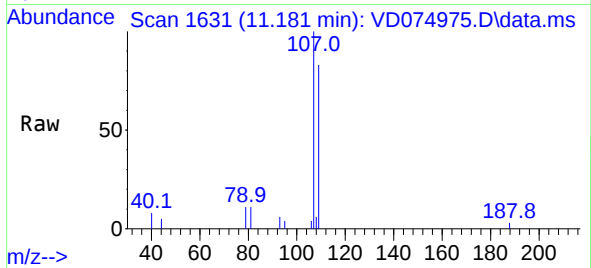




#61
1,2-Dibromoethane
Concen: 8.293 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

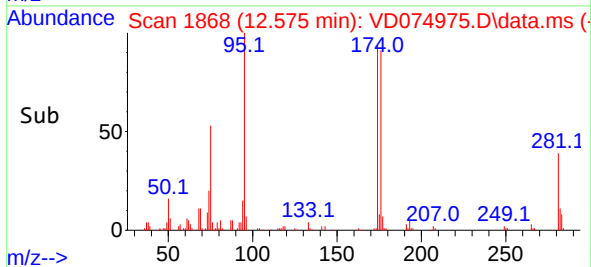
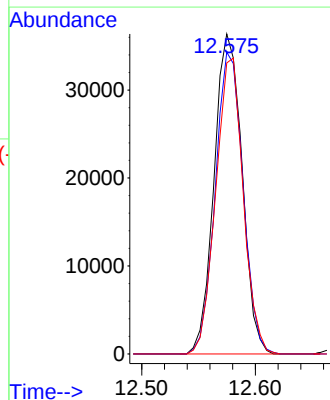
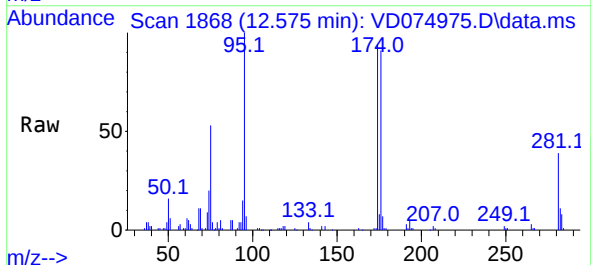
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

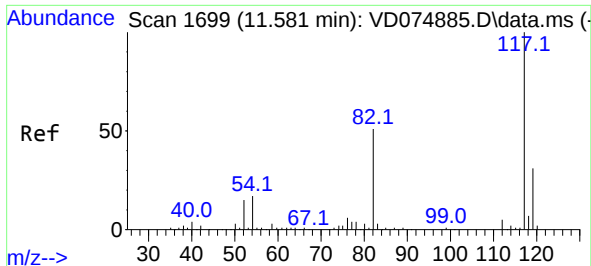
Tgt Ion:107 Resp: 7442
Ion Ratio Lower Upper
107 100
109 91.2 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.284 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 95 Resp: 62063
Ion Ratio Lower Upper
95 100
174 93.5 0.0 197.0
176 90.9 0.0 182.6



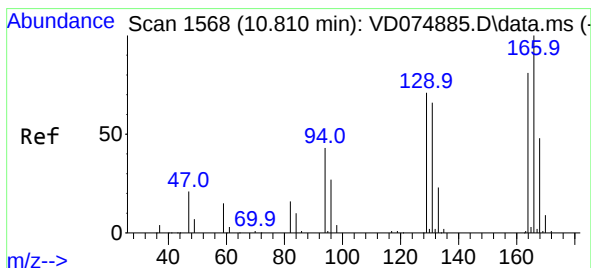
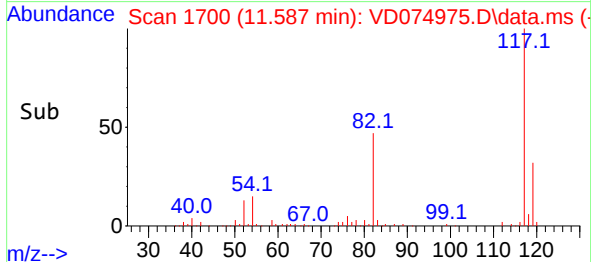
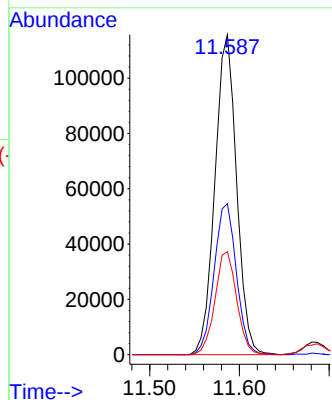
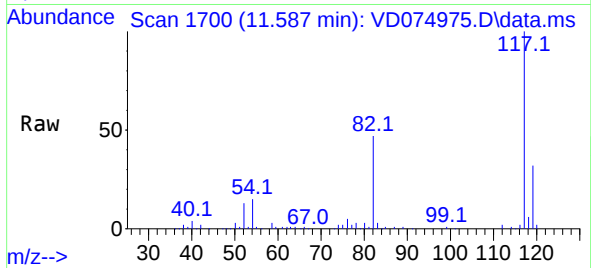


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

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

Tgt Ion:117 Resp: 194117

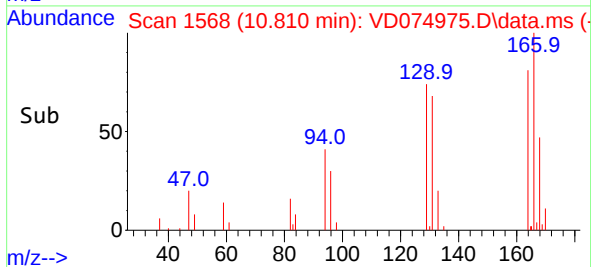
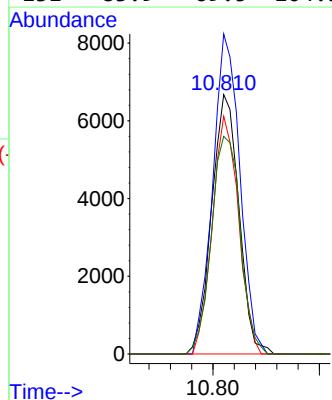
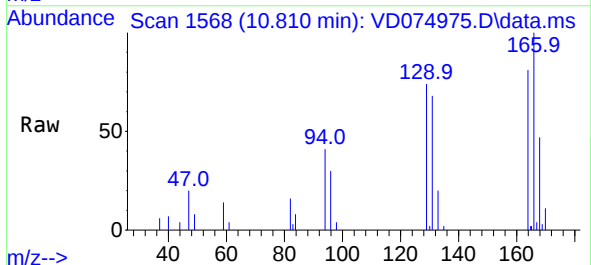
Ion	Ratio	Lower	Upper
117	100		
82	47.2	41.6	62.4
119	32.2	25.2	37.8

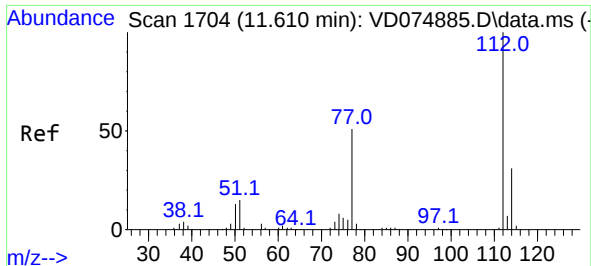


#64
Tetrachloroethene
Concen: 9.098 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:164 Resp: 11841

Ion	Ratio	Lower	Upper
164	100		
166	123.3	107.8	161.8
129	91.6	77.4	116.2
131	83.9	69.5	104.3

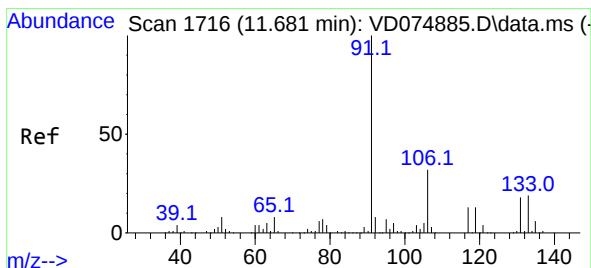
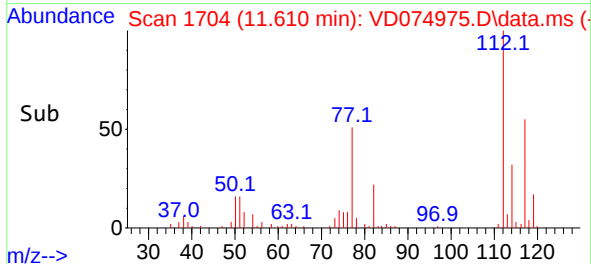
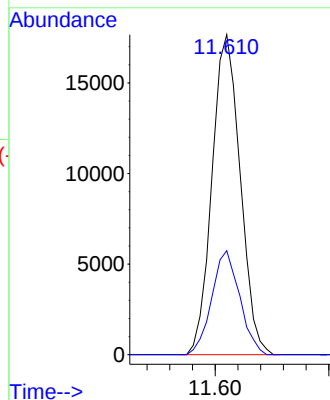
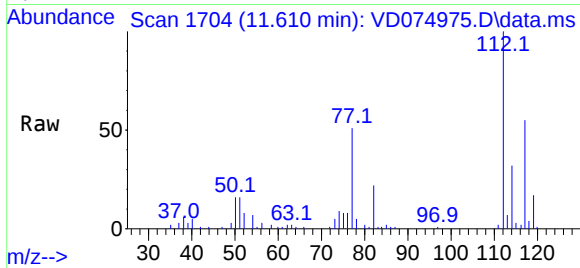




#65
Chlorobenzene
Concen: 8.013 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

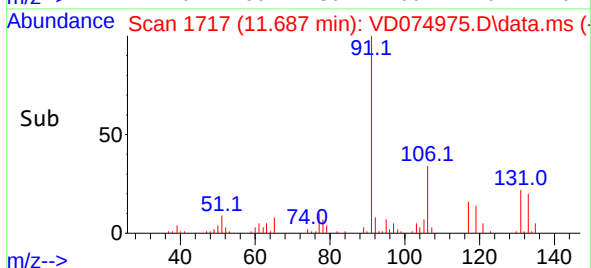
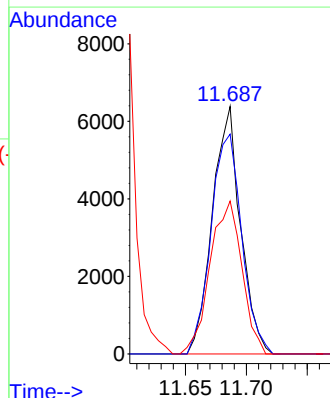
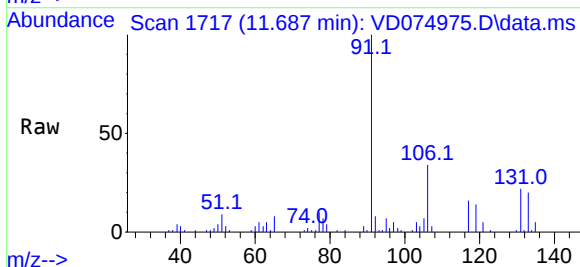
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

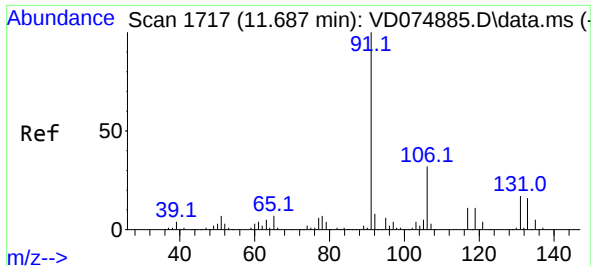
Tgt Ion:112 Resp: 30429
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 7.716 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:131 Resp: 10266
Ion Ratio Lower Upper
131 100
133 97.4 46.6 139.8
119 69.8 32.5 97.4

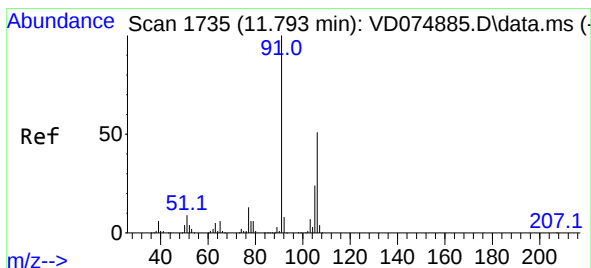
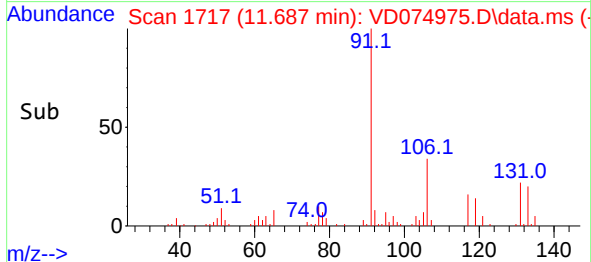
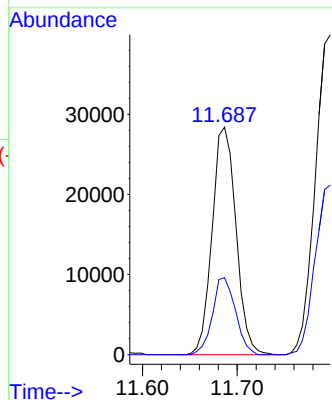
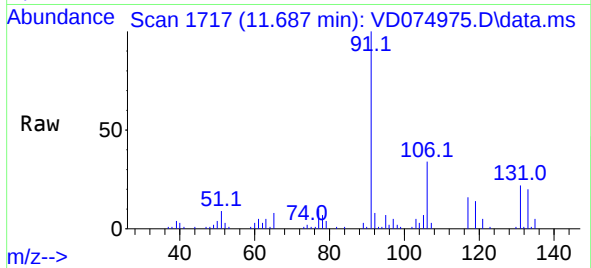




#67
Ethyl Benzene
Concen: 7.521 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

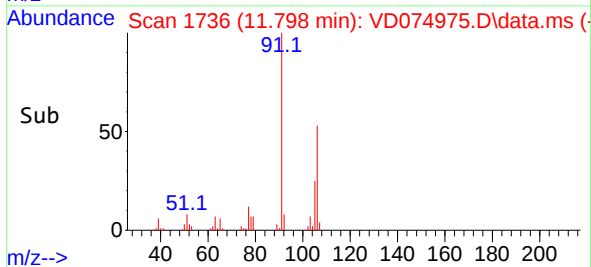
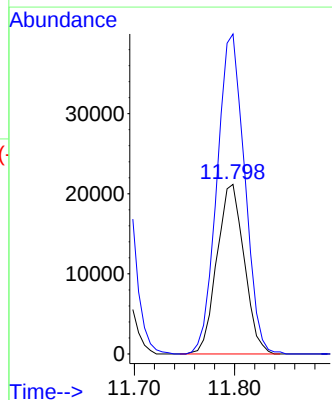
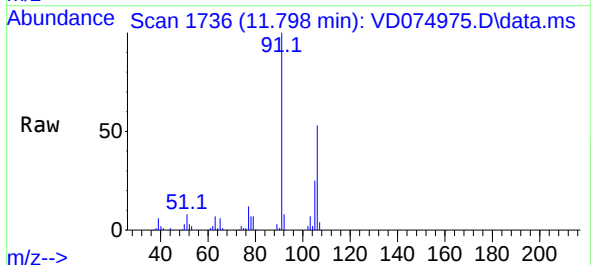
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

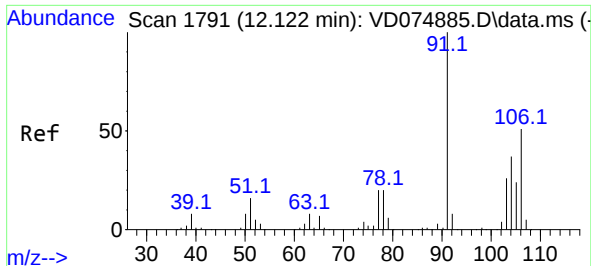
Tgt Ion: 91 Resp: 49761
Ion Ratio Lower Upper
91 100
106 33.8 26.6 40.0



#68
m/p-Xylenes
Concen: 15.161 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 106 Resp: 39991
Ion Ratio Lower Upper
106 100
91 191.4 156.2 234.4

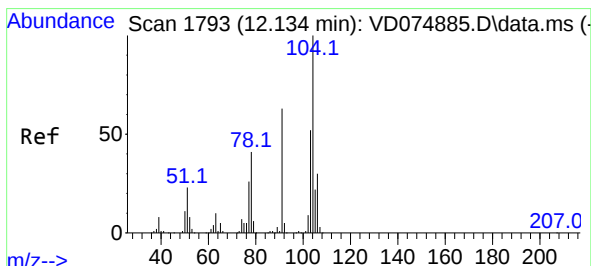
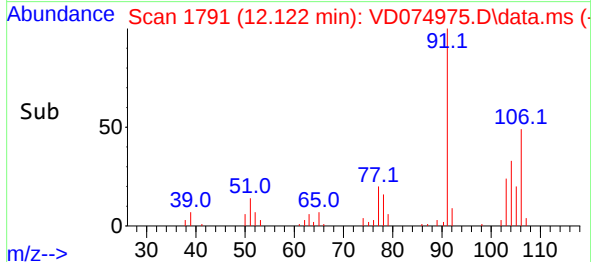
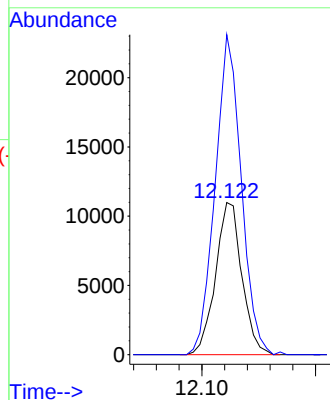
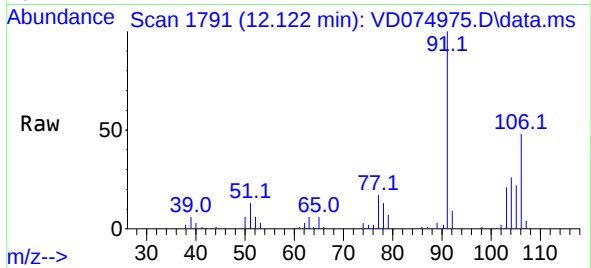




#69
o-Xylene
Concen: 7.283 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

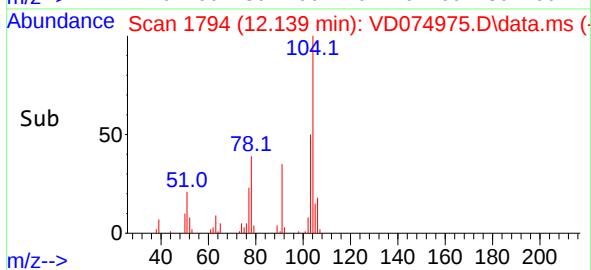
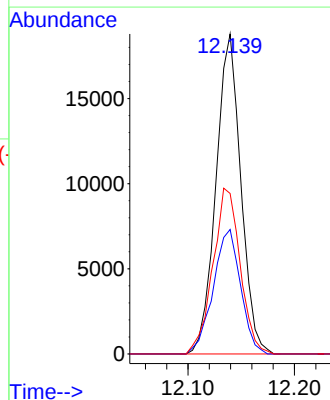
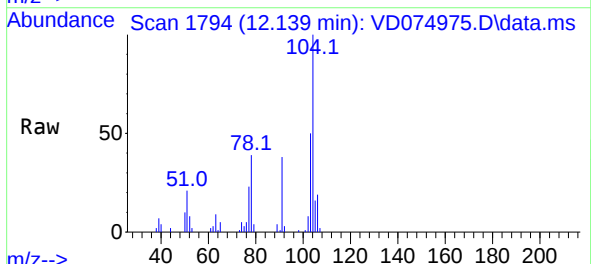
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

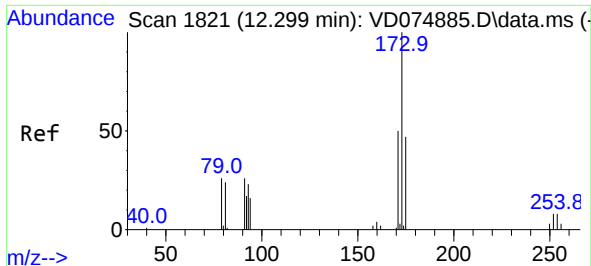
Tgt Ion:106 Resp: 17674
Ion Ratio Lower Upper
106 100
91 208.6 104.5 313.3



#70
Styrene
Concen: 7.319 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:104 Resp: 30447
Ion Ratio Lower Upper
104 100
78 42.8 35.7 53.5
103 56.7 43.7 65.5

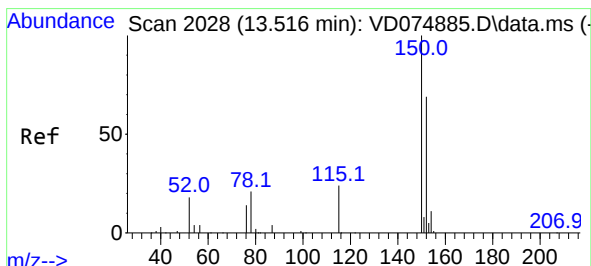
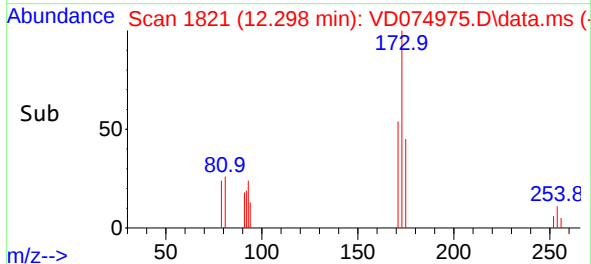
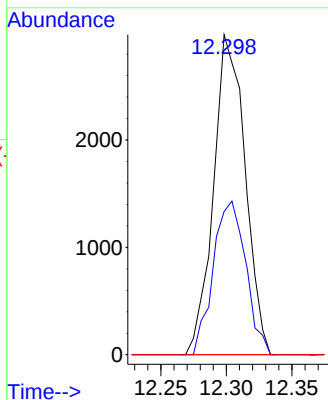
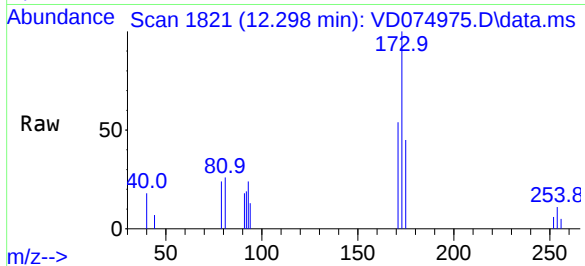




#71
Bromoform
Concen: 7.251 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

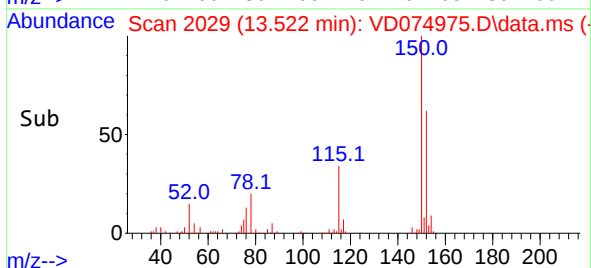
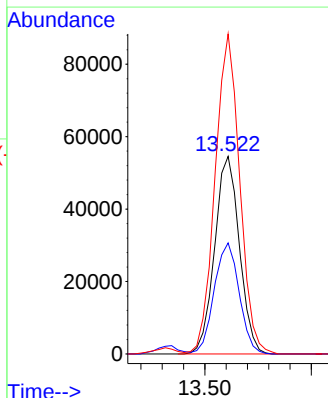
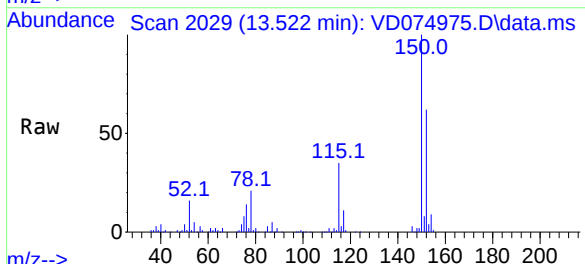
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

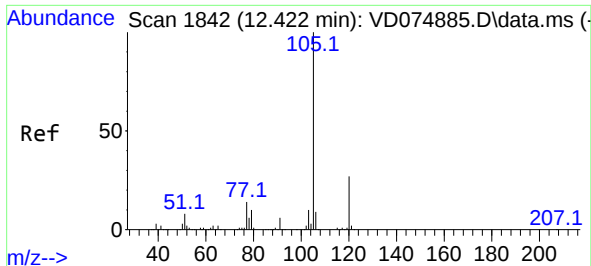
Tgt Ion:173	Resp:	4993
Ion Ratio	Lower	Upper
173	100	
175	49.5	23.1 69.3
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:152	Resp:	87920
Ion Ratio	Lower	Upper
152	100	
115	56.6	26.8 80.4
150	161.3	0.0 348.2

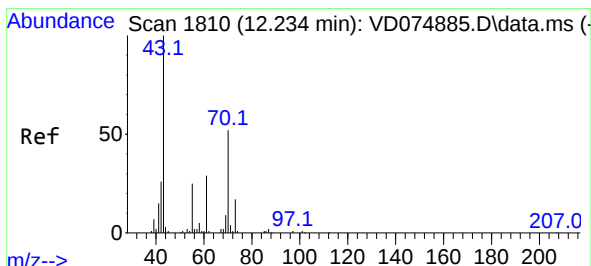
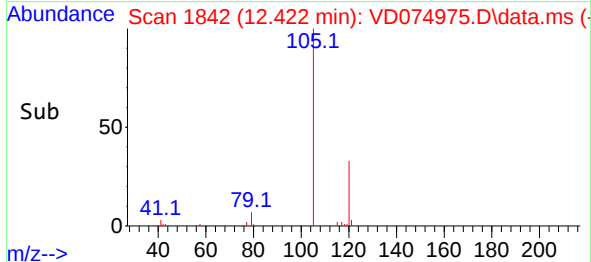
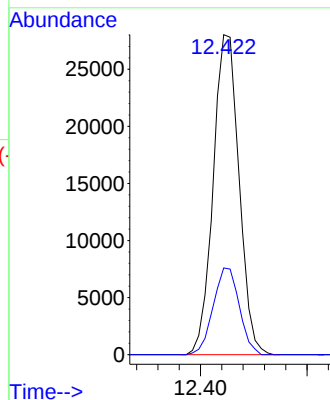
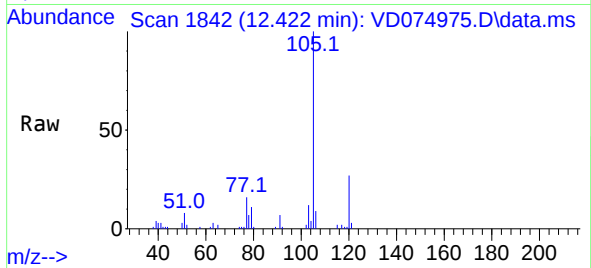




#73
Isopropylbenzene
Concen: 7.792 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

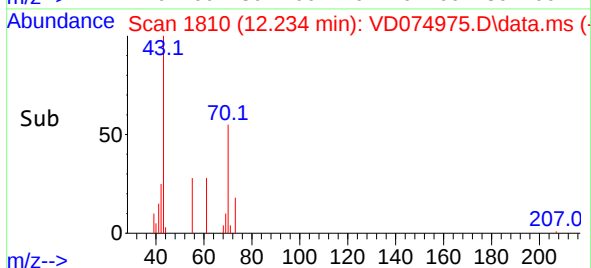
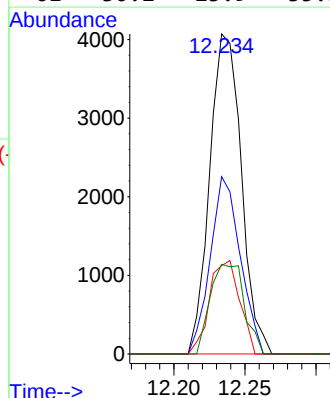
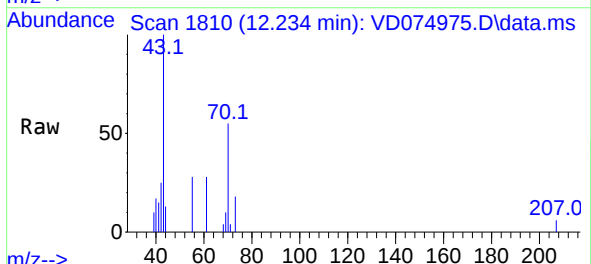
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

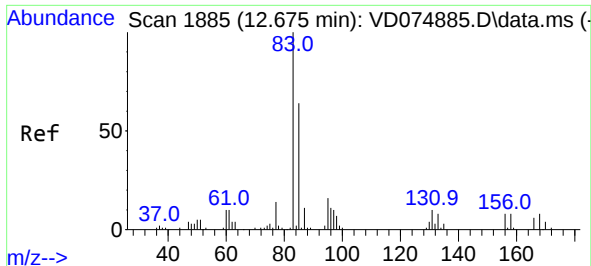
Tgt Ion:105 Resp: 47156
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4



#74
N-ethyl acetate
Concen: 6.332 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 43 Resp: 6304
Ion Ratio Lower Upper
43 100
70 52.5 43.8 65.6
55 27.8 22.0 33.0
61 30.2 23.9 35.9

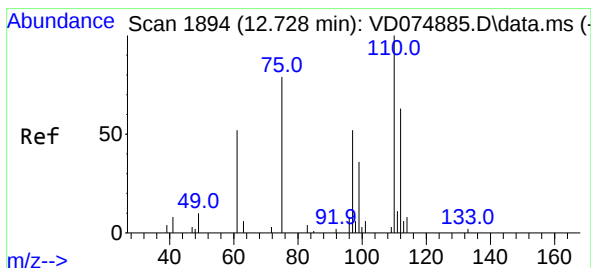
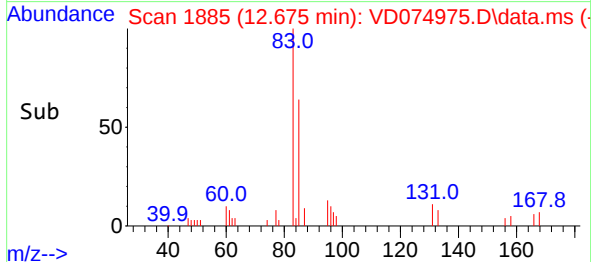
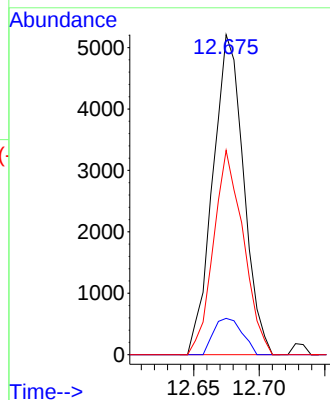
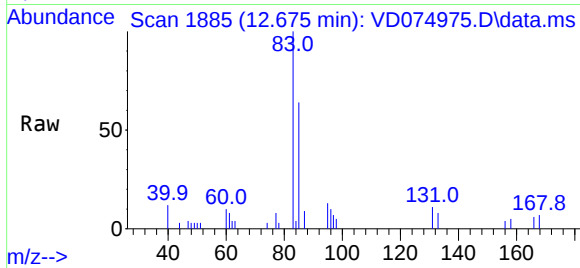




#75
1,1,2,2-Tetrachloroethane
Concen: 7.945 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

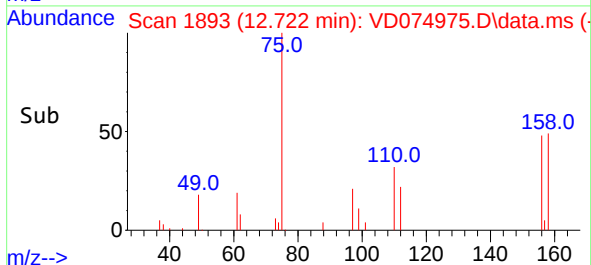
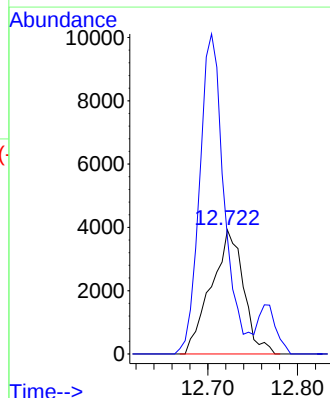
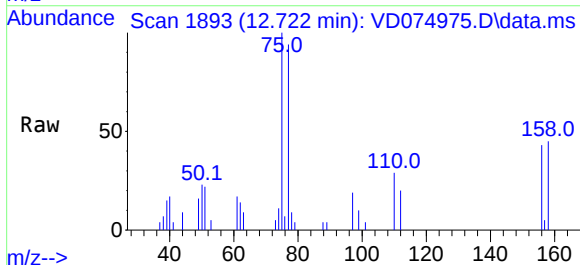
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

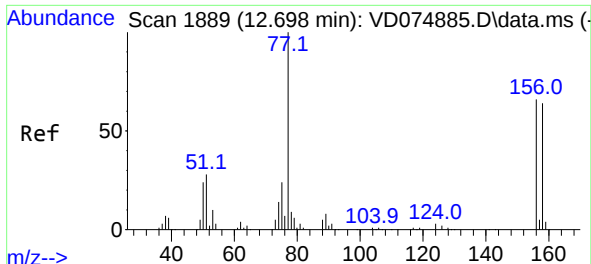
Tgt Ion: 83 Resp: 8505
Ion Ratio Lower Upper
83 100
131 10.5 4.7 14.1
85 62.1 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 13.295 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 75 Resp: 9777
Ion Ratio Lower Upper
75 100
77 198.0 185.8 557.5

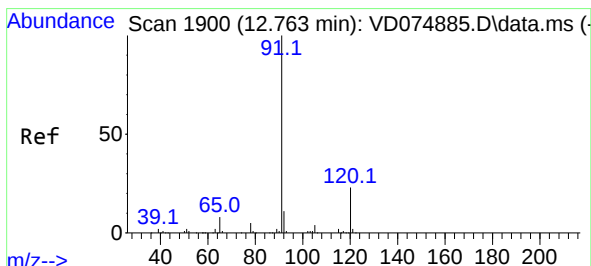
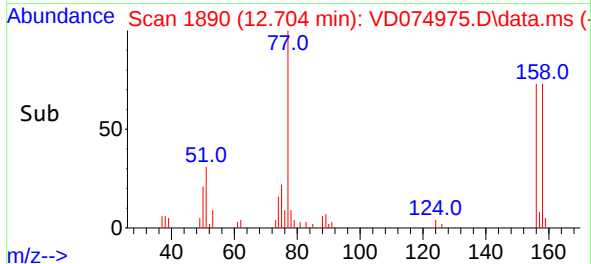
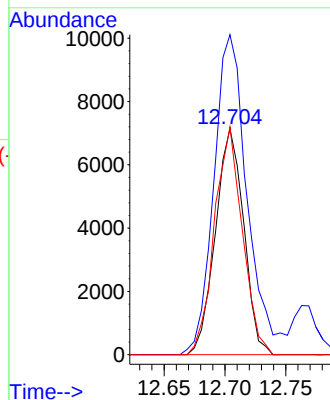
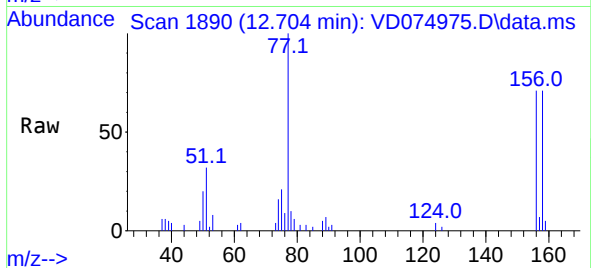




#77
Bromobenzene
Concen: 8.153 ug/l
RT: 12.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

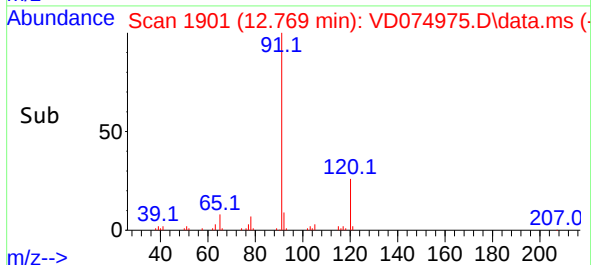
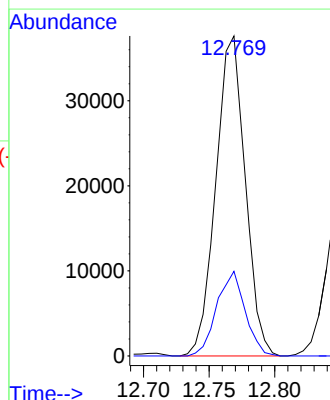
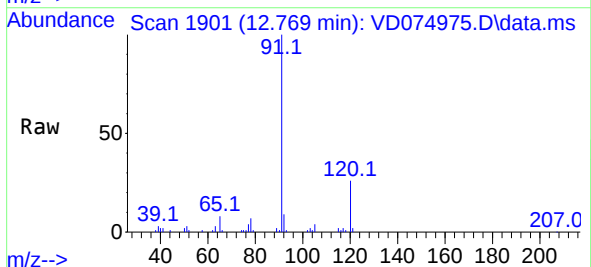
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

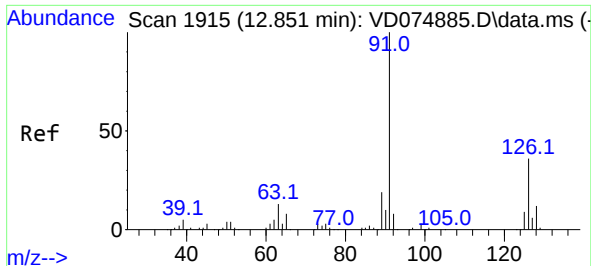
Tgt Ion:156 Resp: 11546
Ion Ratio Lower Upper
156 100
77 167.7 77.7 233.1
158 99.6 49.4 148.2



#78
n-propylbenzene
Concen: 7.885 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 91 Resp: 58651
Ion Ratio Lower Upper
91 100
120 25.5 11.9 35.7





#79

2-Chlorotoluene

Concen: 8.241 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

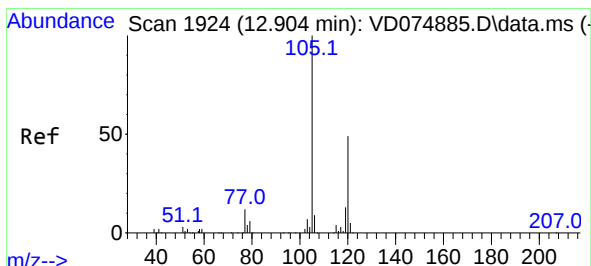
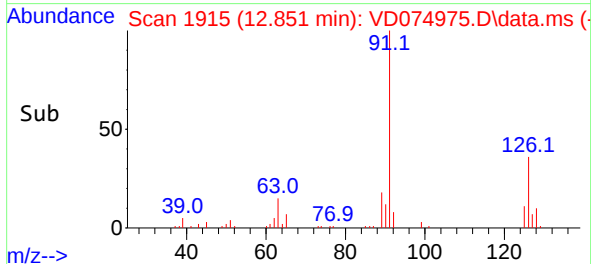
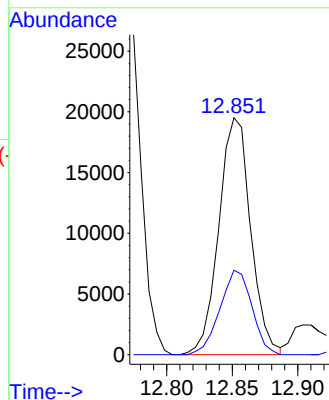
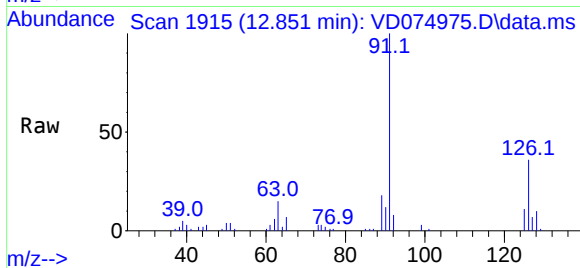
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 91 Resp: 33029

Ion Ratio Lower Upper

91 100

126 35.6 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 7.944 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD074975.D

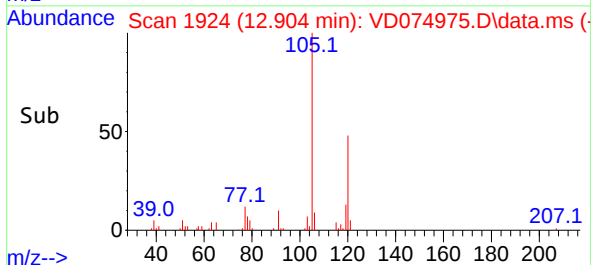
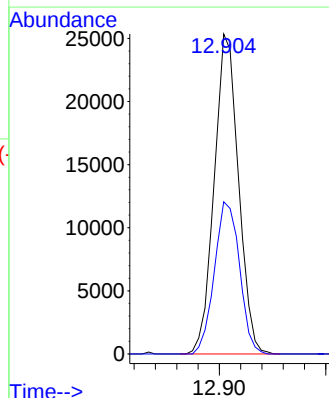
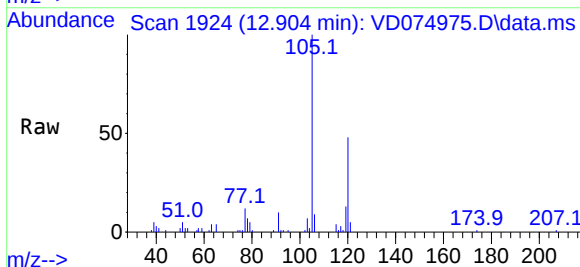
Acq: 17 Nov 2022 17:44

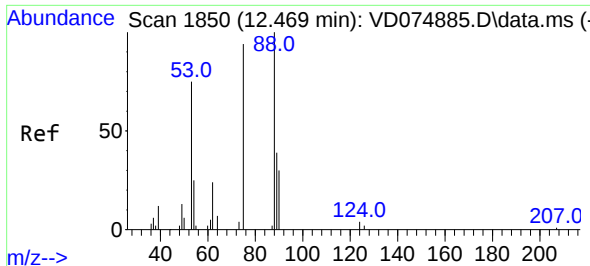
Tgt Ion: 105 Resp: 40054

Ion Ratio Lower Upper

105 100

120 49.2 25.7 77.0

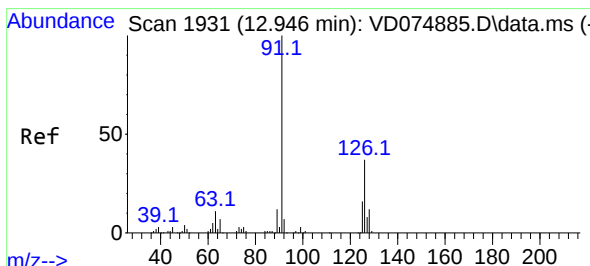
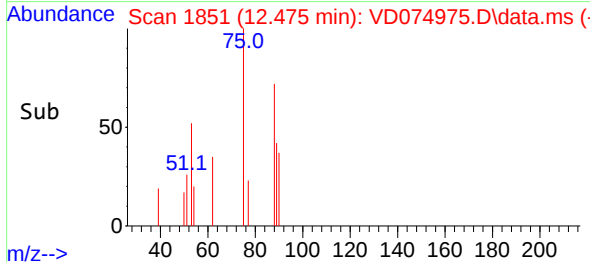
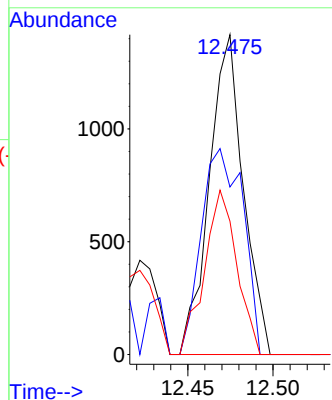
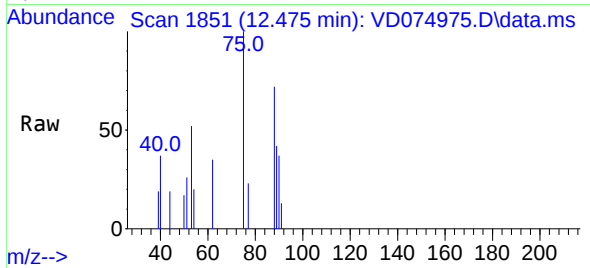




#81
trans-1,4-Dichloro-2-butene
Concen: 6.607 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

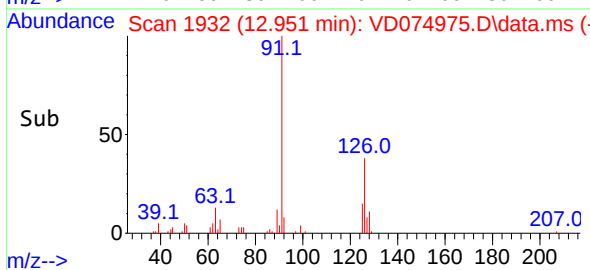
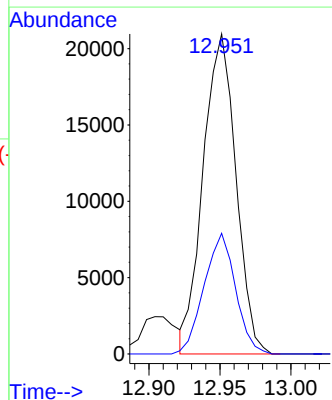
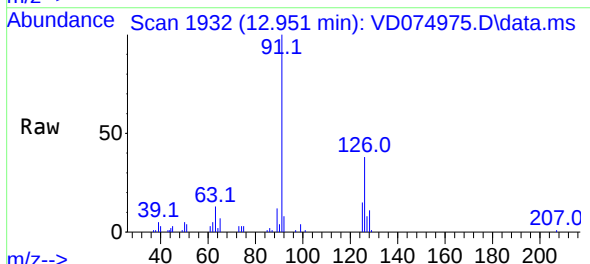
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

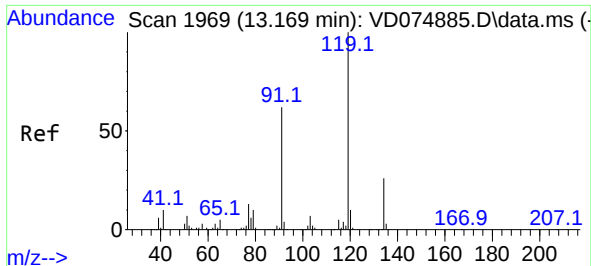
Tgt Ion: 75 Resp: 1975
Ion Ratio Lower Upper
75 100
53 78.8 63.8 95.6
89 48.9 38.2 57.4



#82
4-Chlorotoluene
Concen: 8.054 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion: 91 Resp: 33616
Ion Ratio Lower Upper
91 100
126 36.2 18.8 56.4

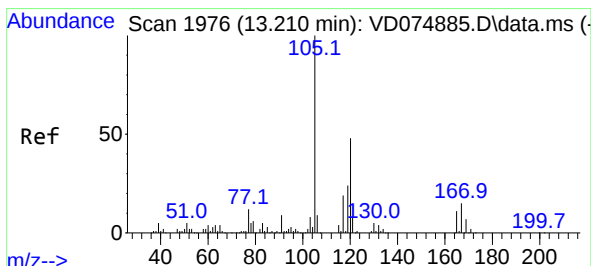
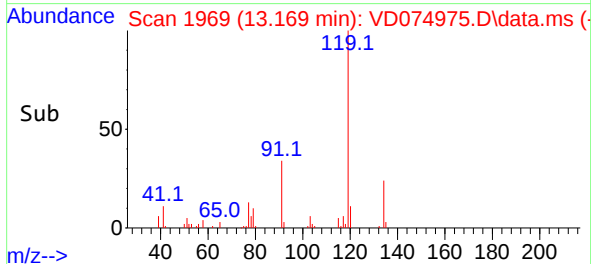
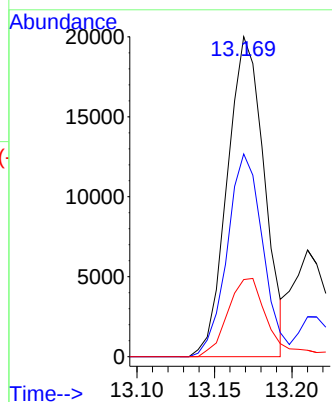
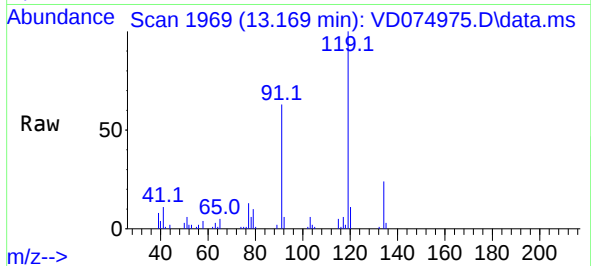




#83
tert-Butylbenzene
Concen: 7.567 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

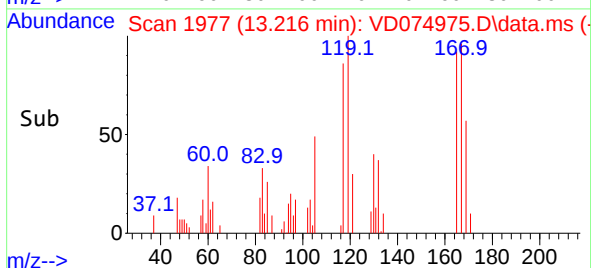
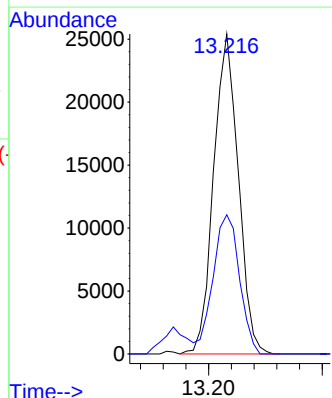
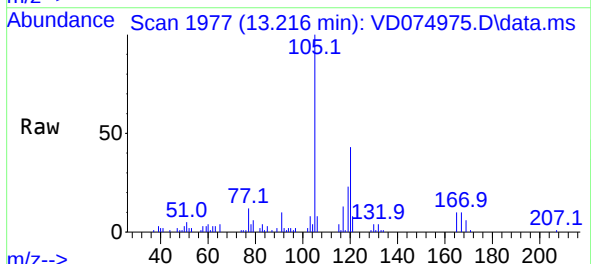
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

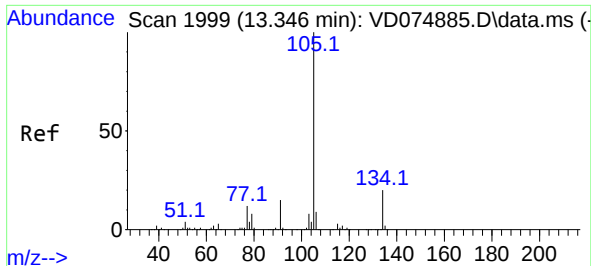
Tgt Ion:	119	Resp:	33105
Ion	Ratio	Lower	Upper
119	100		
91	61.4	30.0	90.0
134	26.6	13.4	40.1



#84
1,2,4-Trimethylbenzene
Concen: 7.684 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:	105	Resp:	38319
Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.9	68.7

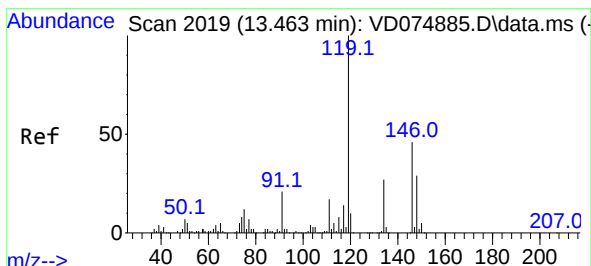
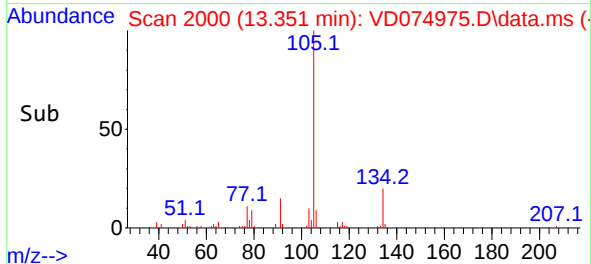
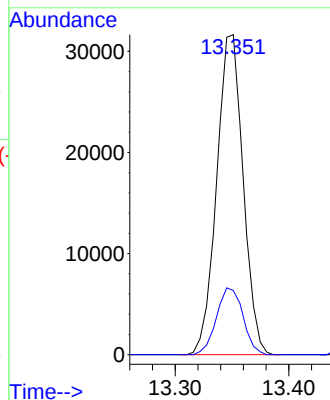
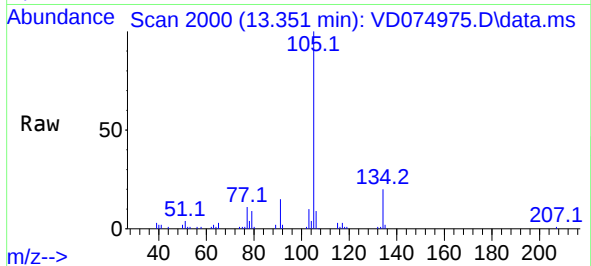




#85
sec-Butylbenzene
Concen: 7.693 ug/l
RT: 13.351 min Scan# 2019
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

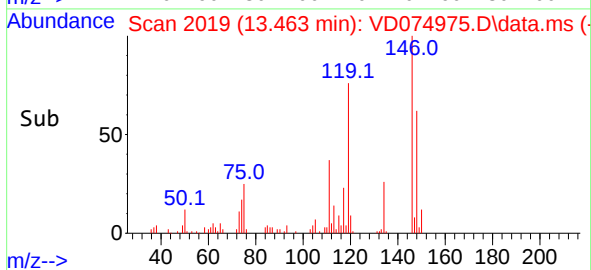
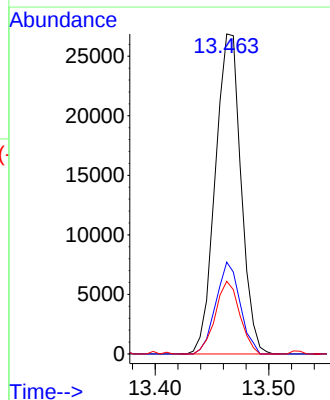
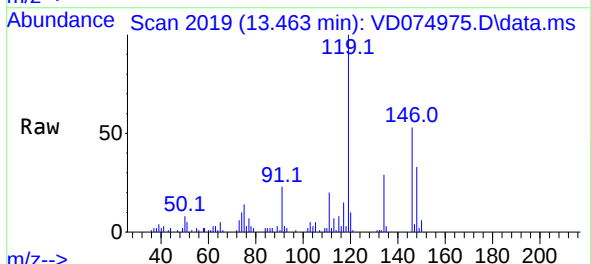
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

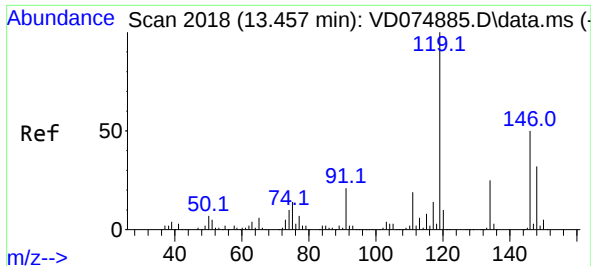
Tgt Ion:105 Resp: 51195
Ion Ratio Lower Upper
105 100
134 20.9 10.0 30.0



#86
p-Isopropyltoluene
Concen: 7.642 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:119 Resp: 42287
Ion Ratio Lower Upper
119 100
134 27.0 13.5 40.4
91 21.6 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 8.054 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

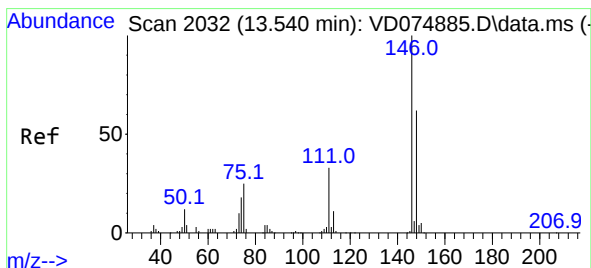
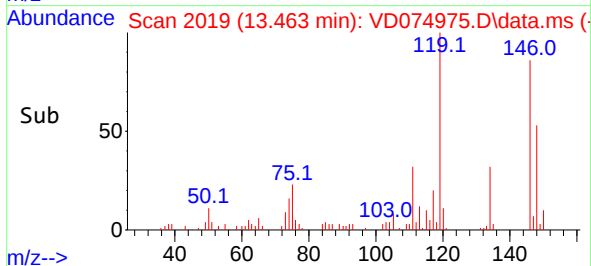
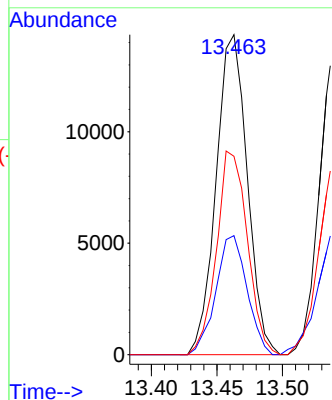
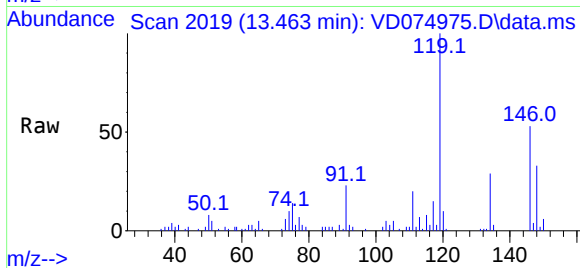
Tgt Ion:146 Resp: 23726

Ion Ratio Lower Upper

146 100

111 37.3 18.3 54.8

148 62.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 8.169 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

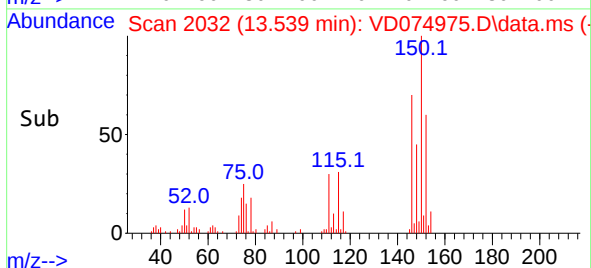
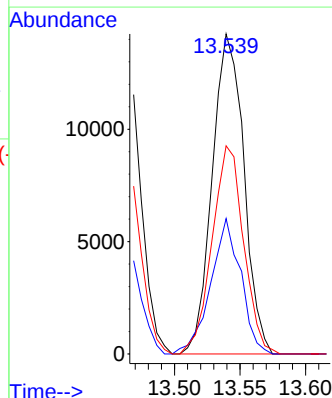
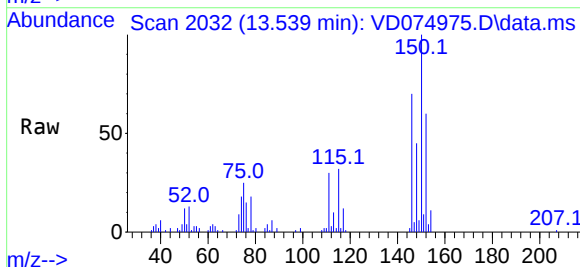
Tgt Ion:146 Resp: 23883

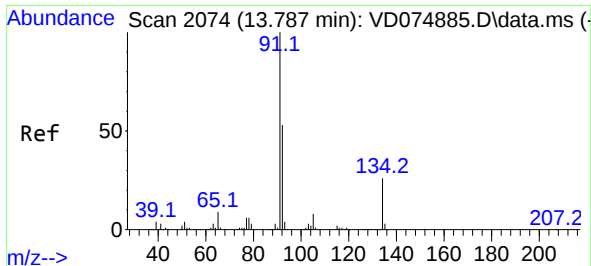
Ion Ratio Lower Upper

146 100

111 40.2 17.7 53.1

148 64.9 32.3 96.9

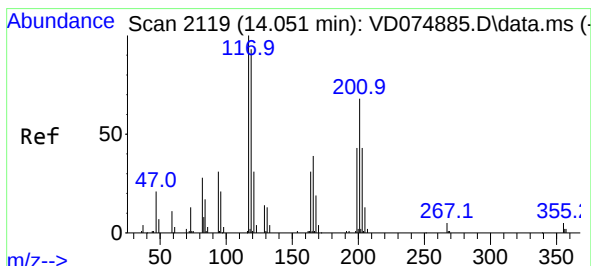
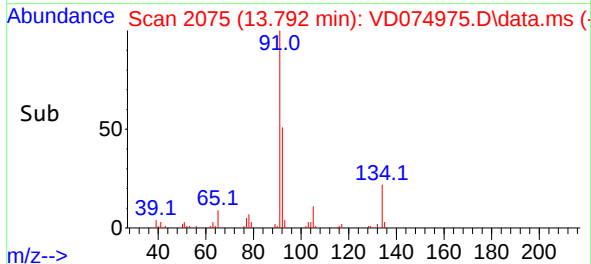
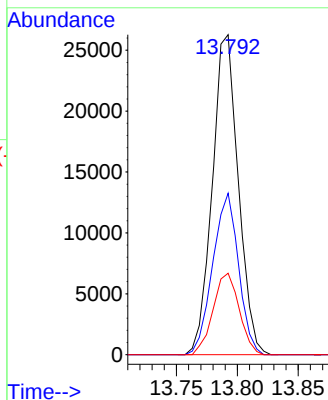
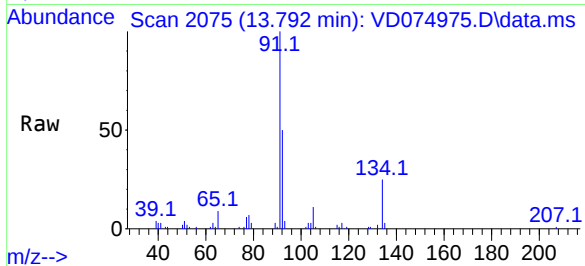




#89
n-Butylbenzene
Concen: 7.599 ug/l
RT: 13.792 min Scan# 210
Delta R.T. 0.005 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

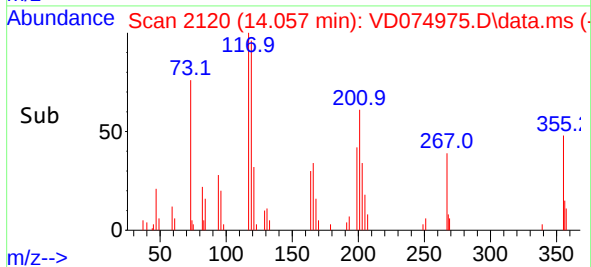
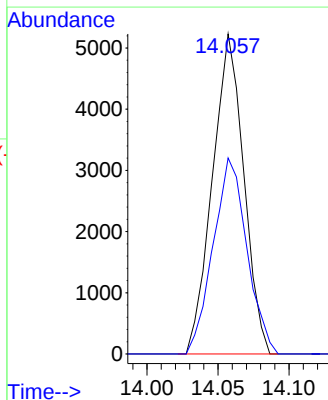
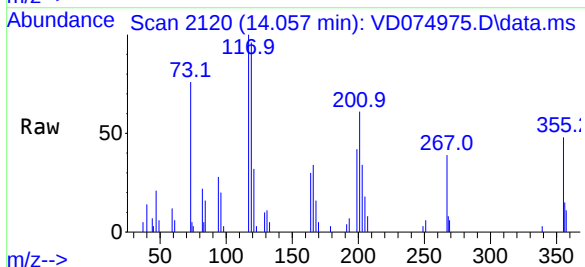
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

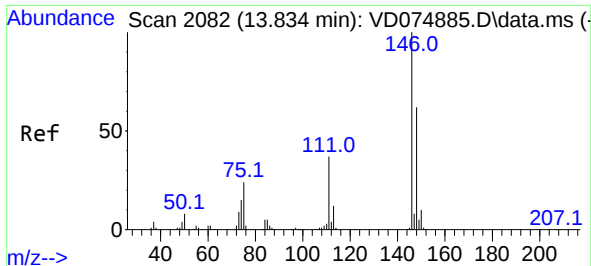
Tgt Ion:	91	Resp:	39039
Ion	Ratio	Lower	Upper
91	100		
92	50.0	26.9	80.7
134	25.6	13.4	40.2



#90
Hexachloroethane
Concen: 8.084 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:	117	Resp:	8012
Ion	Ratio	Lower	Upper
117	100		
201	66.1	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 7.967 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

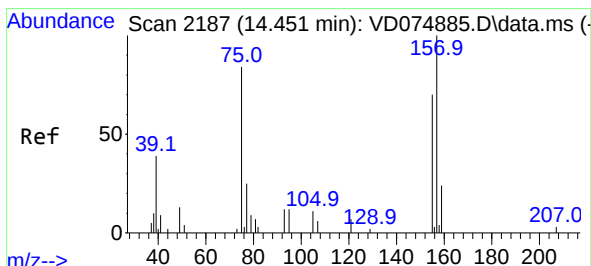
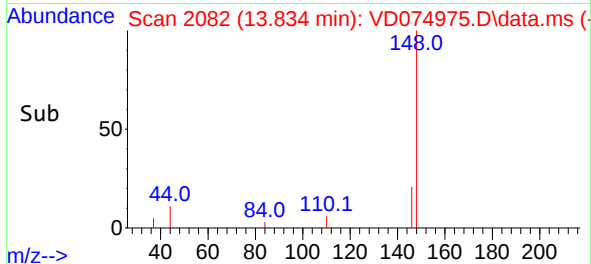
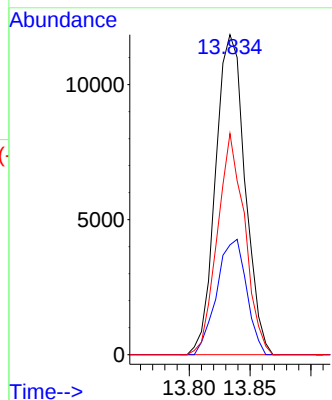
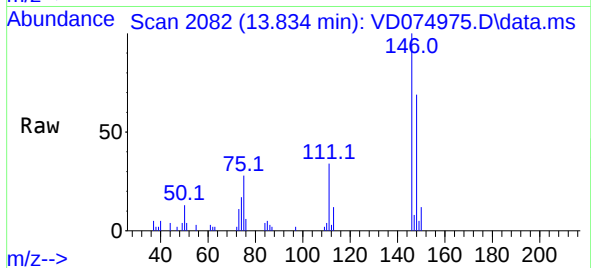
Tgt Ion:146 Resp: 19957

Ion Ratio Lower Upper

146 100

111 36.3 18.9 56.5

148 64.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.481 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD074975.D

Acq: 17 Nov 2022 17:44

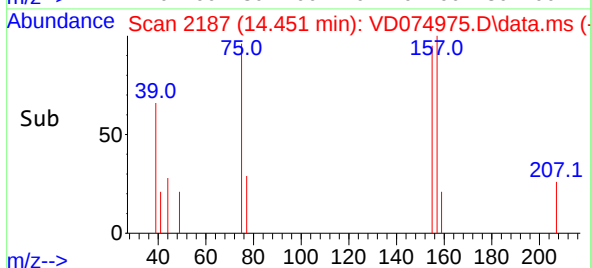
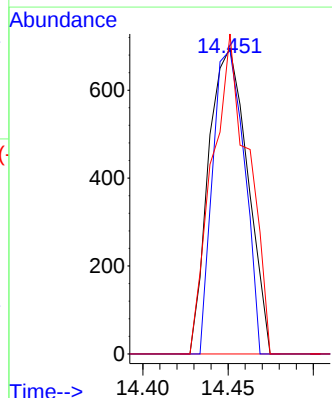
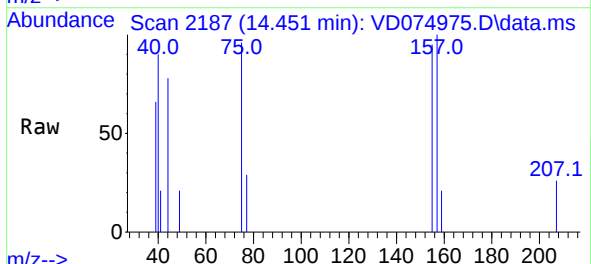
Tgt Ion: 75 Resp: 1104

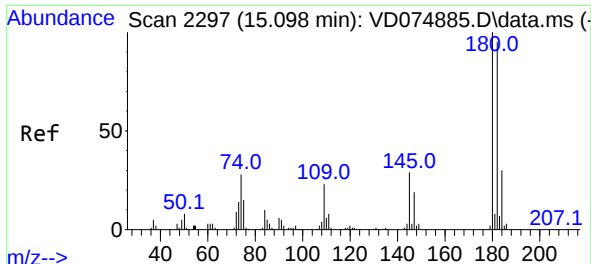
Ion Ratio Lower Upper

75 100

155 80.9 51.2 153.8

157 98.0 68.2 204.5

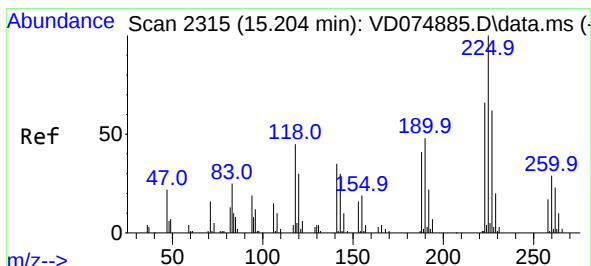
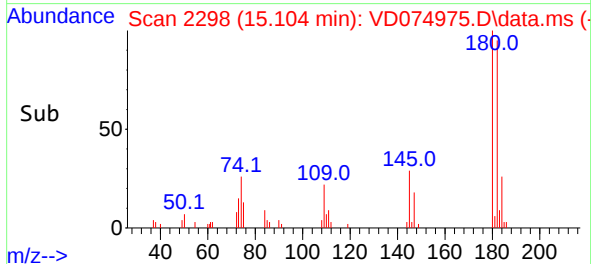
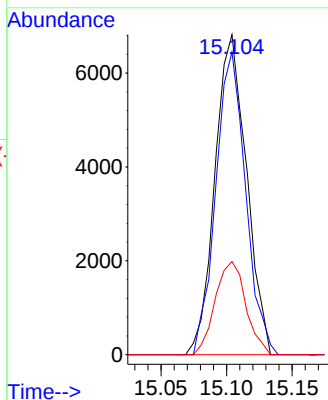
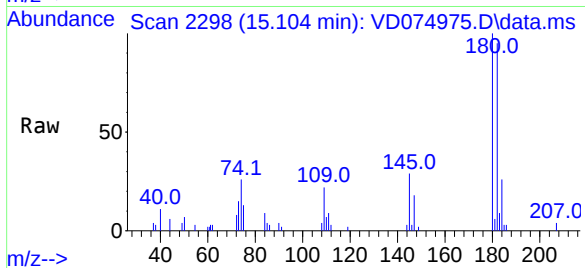




#93
1,2,4-Trichlorobenzene
Concen: 7.469 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

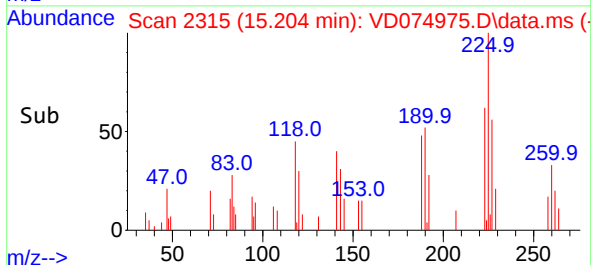
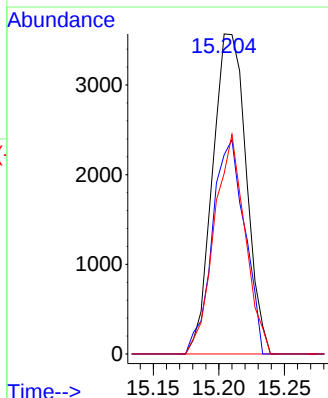
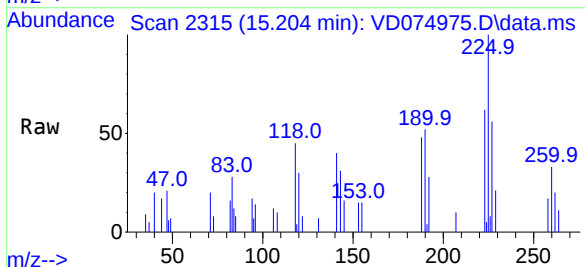
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

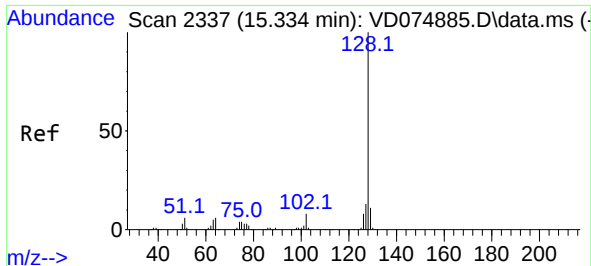
Tgt Ion:180 Resp: 11389
Ion Ratio Lower Upper
180 100
182 89.5 46.9 140.6
145 28.3 14.1 42.3



#94
Hexachlorobutadiene
Concen: 8.095 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:225 Resp: 6367
Ion Ratio Lower Upper
225 100
223 64.8 31.9 95.5
227 63.0 32.6 97.8

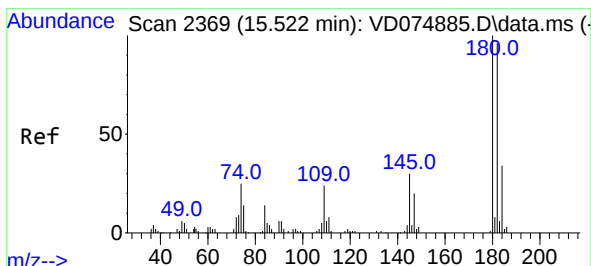
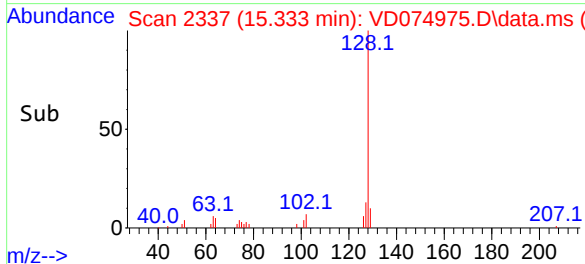
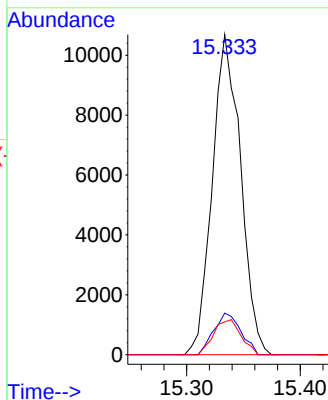
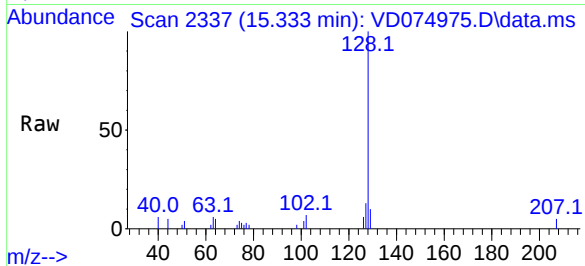




#95
Naphthalene
Concen: 6.529 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

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

Tgt Ion:	128	Resp:	18479
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	16.0
129	10.6	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 6.940 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD074975.D
Acq: 17 Nov 2022 17:44

Tgt Ion:	180	Resp:	9152
Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.7	140.1
145	33.2	14.9	44.7

