

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074974.D
 Acq On : 17 Nov 2022 17:17
 Operator : VA/SY
 Sample : N4955-01 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 17 22:36:43 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	116554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	208290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	190922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	85520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43578	57.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.220%	
35) Dibromofluoromethane	7.805	113	55237	43.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.040%	
50) Toluene-d8	10.275	98	187684	44.376	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.760%	
62) 4-Bromofluorobenzene	12.575	95	57437	44.226	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.460%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	3279	1.804	ug/l	93
4) Vinyl Chloride	2.287	62	5275	3.228	ug/l	93
5) Bromomethane	2.705	94	5593	3.642	ug/l	94
6) Chloroethane	2.840	64	4127	3.439	ug/l #	88
7) Trichlorofluoromethane	3.175	101	6262	3.363	ug/l	100
8) Diethyl Ether	3.593	74	1486	2.783	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.981	101	3936	3.312	ug/l	100
10) Methyl Iodide	4.169	142	3028	6.707	ug/l #	95
11) Tert butyl alcohol	5.058	59	603	Below Cal	#	84
12) 1,1-Dichloroethene	3.958	96	3682	3.181	ug/l #	79
14) Allyl chloride	4.558	41	3419	2.762	ug/l	97
15) Acrylonitrile	5.269	53	2516	12.059	ug/l	97
16) Acetone	4.028	43	2429	12.624	ug/l	95
17) Carbon Disulfide	4.269	76	10819	3.286	ug/l #	92
18) Methyl Acetate	4.569	43	2044	2.074	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	5989	2.584	ug/l #	88
20) Methylene Chloride	4.799	84	16771	Below Cal		97
21) trans-1,2-Dichloroethene	5.311	96	4033	3.073	ug/l	86
22) Diisopropyl ether	6.216	45	5958	2.159	ug/l #	80
23) Vinyl Acetate	6.158	43	6311	5.328	ug/l	99
24) 1,1-Dichloroethane	6.116	63	5701	2.766	ug/l #	78
25) 2-Butanone	7.087	43	2828	11.240	ug/l #	82
26) 2,2-Dichloropropane	7.087	77	5478	2.829	ug/l	85
27) cis-1,2-Dichloroethene	7.075	96	3666	2.518	ug/l	91
28) Bromochloromethane	7.440	49	1704	2.563	ug/l #	91
29) Tetrahydrofuran	7.452	42	1328	9.535	ug/l	92
30) Chloroform	7.605	83	5946	2.635	ug/l	96
31) Cyclohexane	7.887	56	5644	3.322	ug/l #	80
32) 1,1,1-Trichloroethane	7.805	97	5480	2.817	ug/l	99
36) 1,1-Dichloropropene	8.010	75	4332	2.296	ug/l	93
37) Ethyl Acetate	7.169	43	1369	2.162	ug/l #	66
38) Carbon Tetrachloride	7.993	117	3326	1.872	ug/l #	95
39) Methylcyclohexane	9.281	83	4818	2.383	ug/l	94
40) Benzene	8.252	78	13118	2.418	ug/l	94
41) Methacrylonitrile	7.452	41	1173	3.493	ug/l #	30
42) 1,2-Dichloroethane	8.322	62	3223	2.482	ug/l	85

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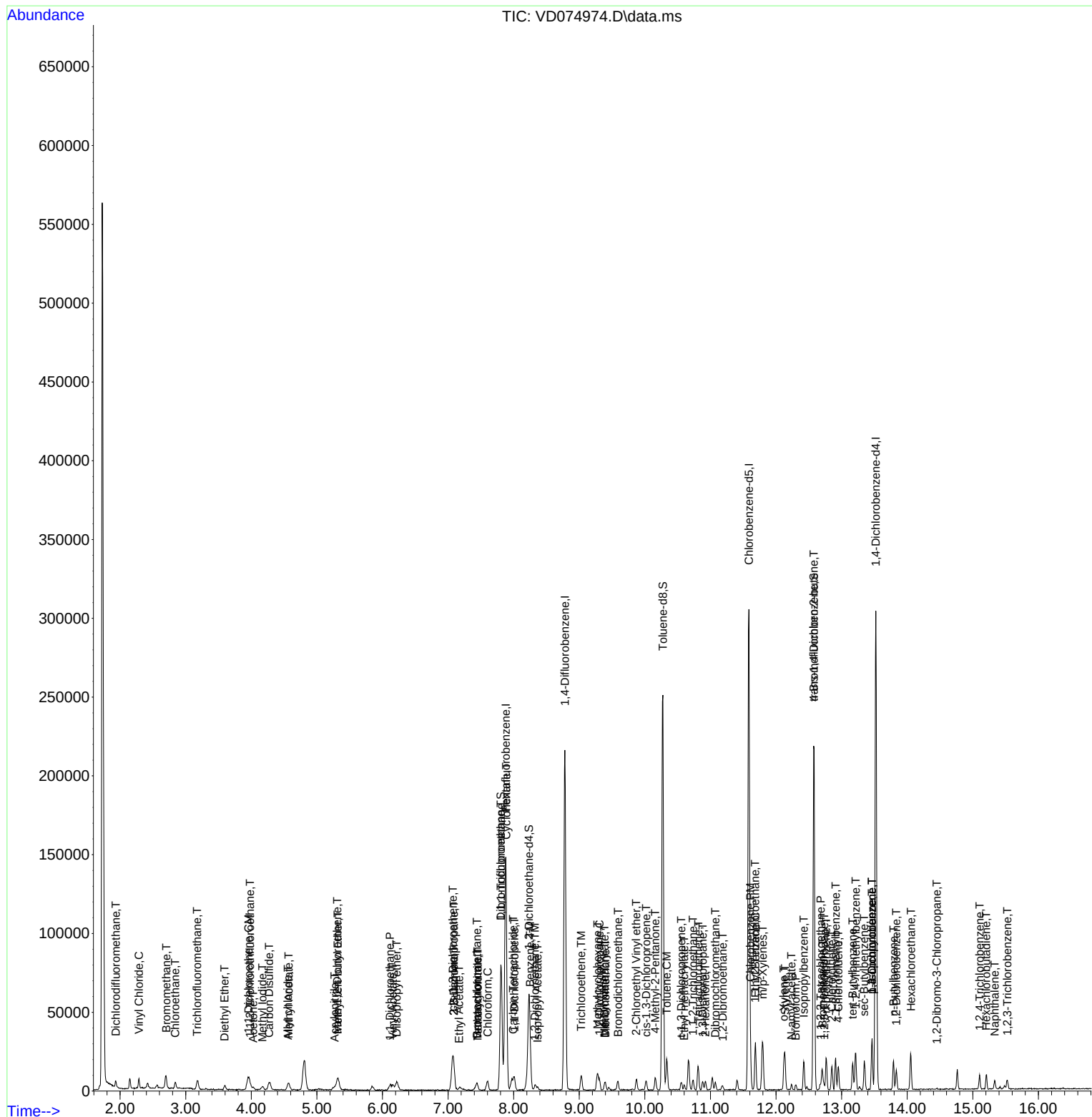
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.363	43	2315	2.076	ug/l #	82
44) Trichloroethene	9.028	130	3853	2.688	ug/l	99
45) 1,2-Dichloropropane	9.310	63	3058	2.508	ug/l #	83
46) Dibromomethane	9.399	93	1641	2.403	ug/l	95
47) Bromodichloromethane	9.593	83	4329	2.555	ug/l	99
48) Methyl methacrylate	9.387	41	856	1.733	ug/l	94
49) 1,4-Dioxane	9.387	88	59	8.806	ug/l #	32
51) 4-Methyl-2-Pentanone	10.157	43	5111	9.613	ug/l	99
52) Toluene	10.334	92	8723	2.689	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	3287	2.196	ug/l #	77
54) cis-1,3-Dichloropropene	10.022	75	3919	2.135	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	2659	2.801	ug/l #	85
56) Ethyl methacrylate	10.598	69	2118	4.508	ug/l	91
57) 1,3-Dichloropropane	10.881	76	3697	2.422	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	3294	27.851	ug/l	91
59) 2-Hexanone	10.922	43	3593	9.694	ug/l	89
60) Dibromochloromethane	11.075	129	2968	2.635	ug/l	95
61) 1,2-Dibromoethane	11.187	107	2289	2.578	ug/l	93
64) Tetrachloroethene	10.816	164	3834	2.995	ug/l #	80
65) Chlorobenzene	11.610	112	9293	2.488	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	3433	2.623	ug/l	95
67) Ethyl Benzene	11.687	91	14680	2.256	ug/l	96
68) m/p-Xylenes	11.798	106	11241	4.333	ug/l	96
69) o-Xylene	12.116	106	4657	1.951	ug/l	89
70) Styrene	12.140	104	8410	2.055	ug/l	97
71) Bromoform	12.298	173	1310	1.934	ug/l #	89
73) Isopropylbenzene	12.422	105	12746	2.165	ug/l	96
74) N-amyl acetate	12.234	43	1533	1.583	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.681	83	2428	2.332	ug/l #	96
76) 1,2,3-Trichloropropane	12.734	75	3130	4.376	ug/l #	1
77) Bromobenzene	12.710	156	3687	2.677	ug/l	98
78) n-propylbenzene	12.763	91	16803	2.322	ug/l	99
79) 2-Chlorotoluene	12.851	91	9355	2.400	ug/l	96
80) 1,3,5-Trimethylbenzene	12.910	105	11278	2.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.575	75	29729	102.244	ug/l #	17
82) 4-Chlorotoluene	12.951	91	9504	2.341	ug/l	97
83) tert-Butylbenzene	13.169	119	9059	2.129	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	10249	2.113	ug/l	97
85) sec-Butylbenzene	13.345	105	14054	2.171	ug/l	99
86) p-Isopropyltoluene	13.463	119	11073	2.057	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	6688	2.334	ug/l	97
88) 1,4-Dichlorobenzene	13.463	146	6688	2.352	ug/l	95
89) n-Butylbenzene	13.792	91	10947	2.191	ug/l	94
90) Hexachloroethane	14.057	117	2247	2.331	ug/l	79
91) 1,2-Dichlorobenzene	13.834	146	5918	2.429	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	176	1.226	ug/l	79
93) 1,2,4-Trichlorobenzene	15.104	180	3663	2.470	ug/l	90
94) Hexachlorobutadiene	15.204	225	1790	2.340	ug/l	97
95) Naphthalene	15.334	128	5647	2.051	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.528	180	2684	2.093	ug/l	88

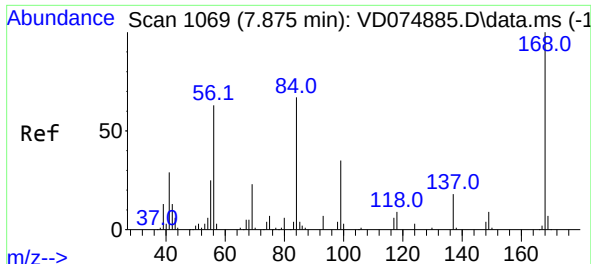
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MSVOA_D
ClientSampleId :
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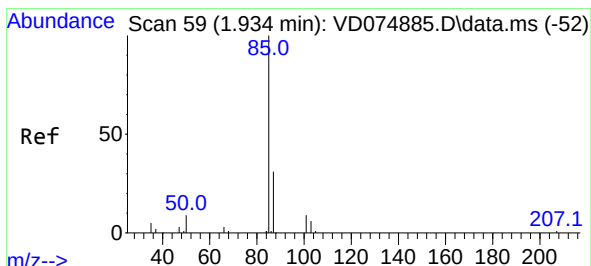
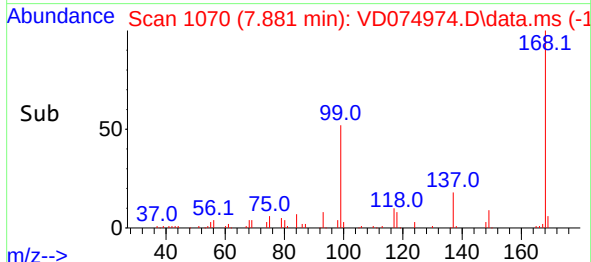
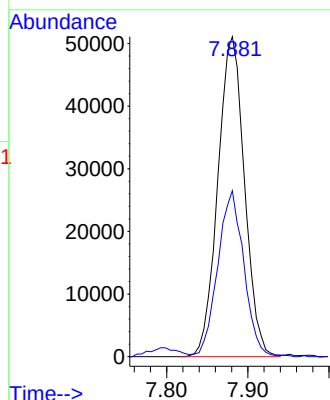
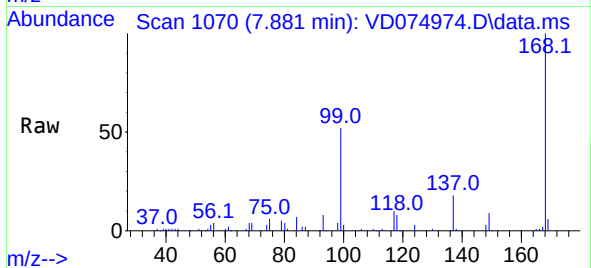




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074974.D
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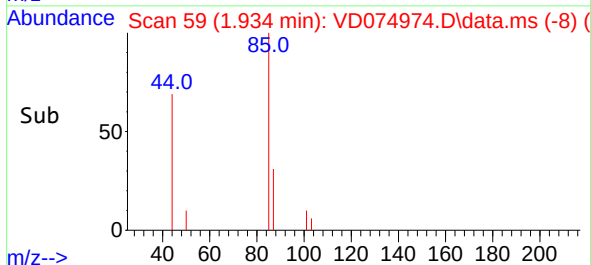
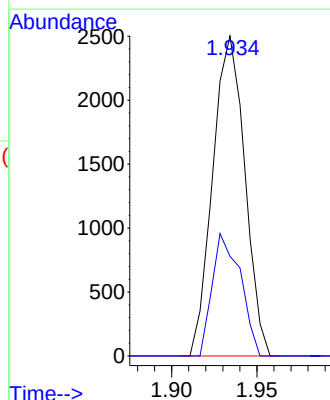
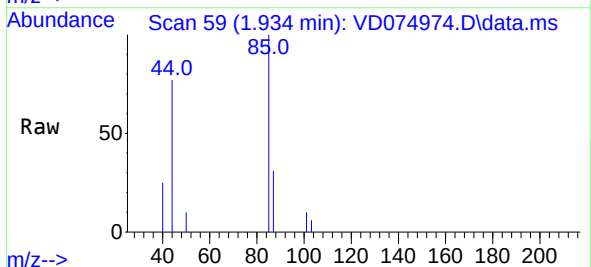
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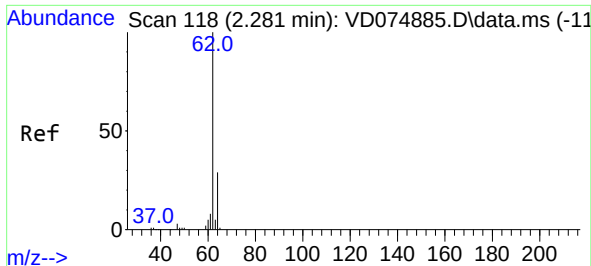
Tgt Ion:168 Resp: 116554
Ion Ratio Lower Upper
168 100
99 51.5 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 1.804 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 85 Resp: 3279
Ion Ratio Lower Upper
85 100
87 31.2 17.5 52.6

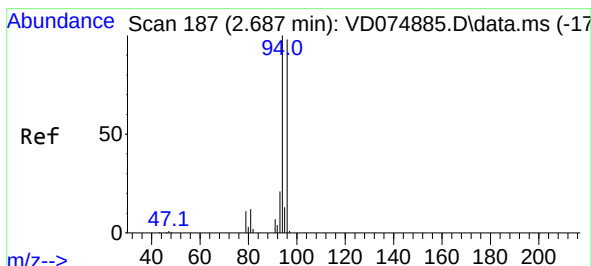
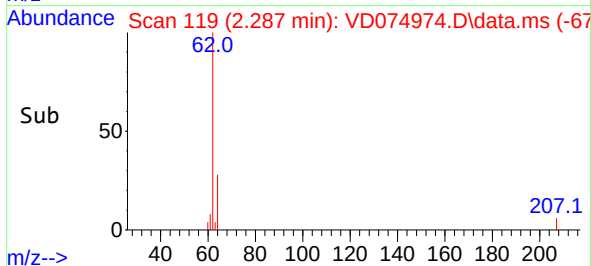
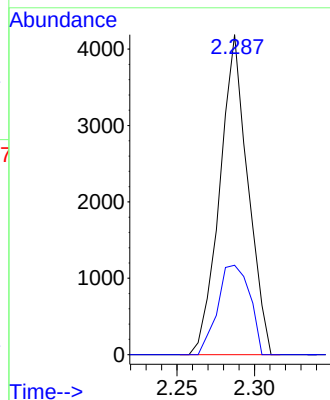
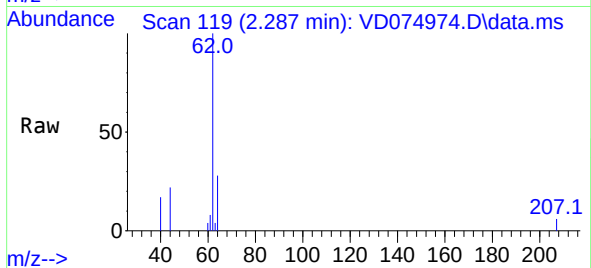




#4
Vinyl Chloride
Concen: 3.228 ug/l
RT: 2.287 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

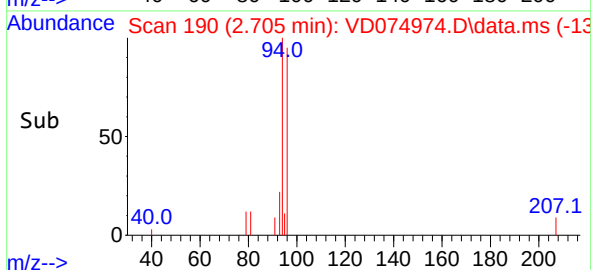
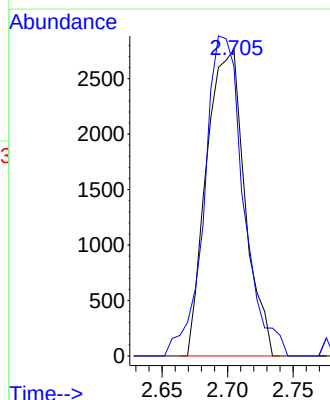
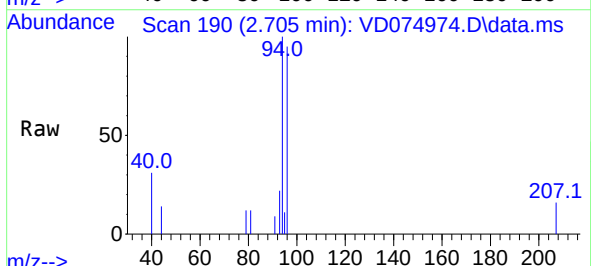
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ClientSampleId :
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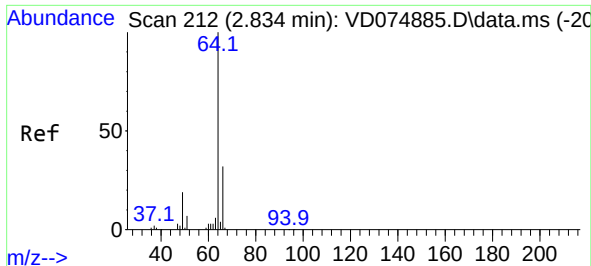
Tgt Ion: 62 Resp: 5275
Ion Ratio Lower Upper
62 100
64 28.0 25.5 38.3



#5
Bromomethane
Concen: 3.642 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.018 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 94 Resp: 5593
Ion Ratio Lower Upper
94 100
96 87.9 74.6 112.0

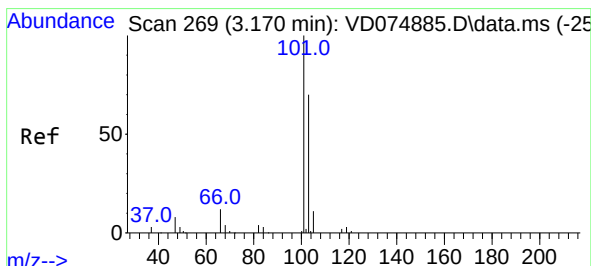
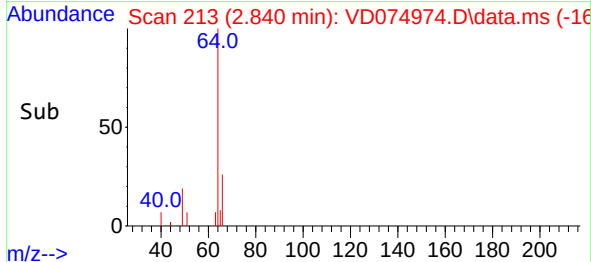
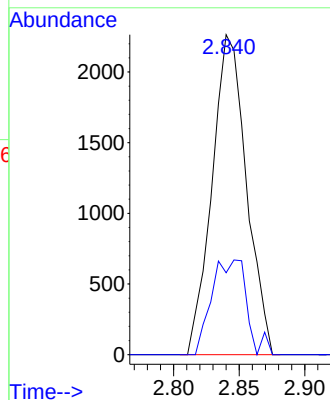
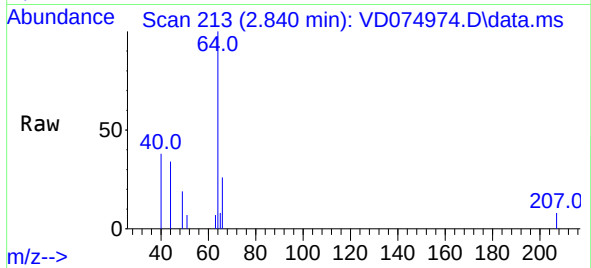




#6
Chloroethane
Concen: 3.439 ug/l
RT: 2.840 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

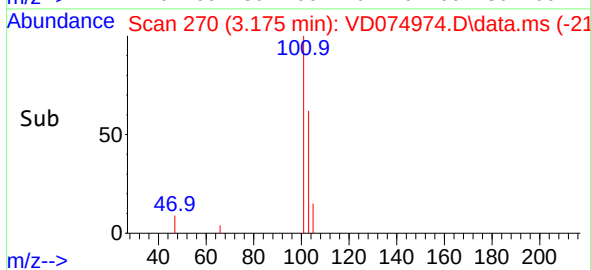
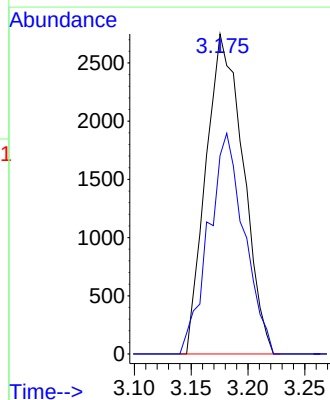
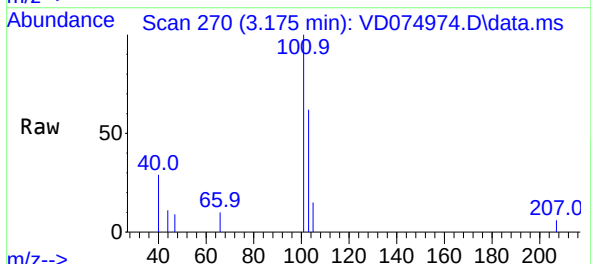
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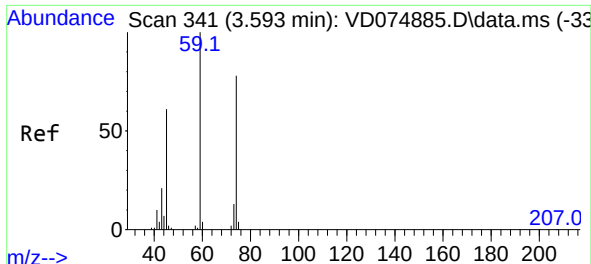
Tgt Ion: 64 Resp: 4127
Ion Ratio Lower Upper
64 100
66 25.6 25.8 38.8#



#7
Trichlorofluoromethane
Concen: 3.363 ug/l
RT: 3.175 min Scan# 270
Delta R.T. 0.005 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:101 Resp: 6262
Ion Ratio Lower Upper
101 100
103 62.0 49.8 74.8

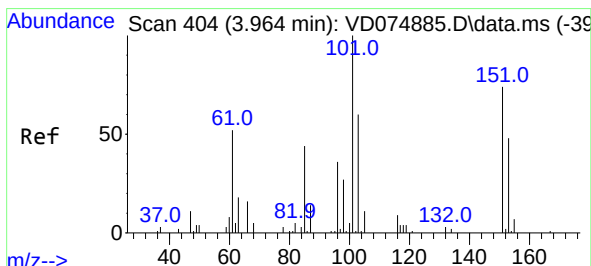
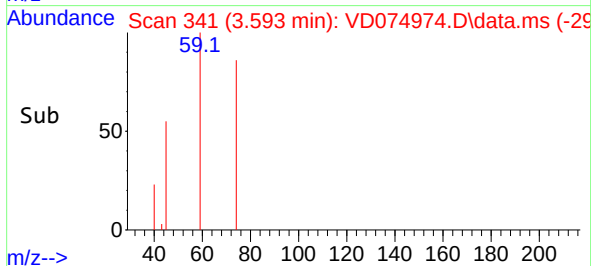
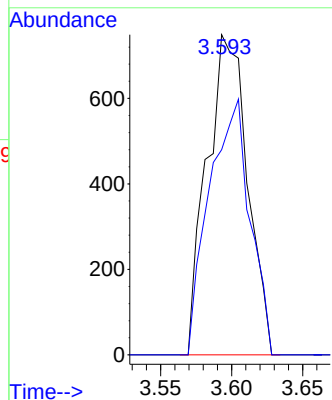
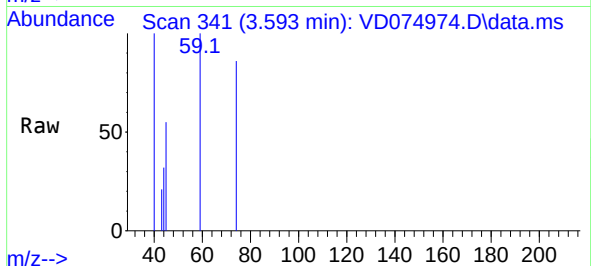




#8
Diethyl Ether
Concen: 2.783 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

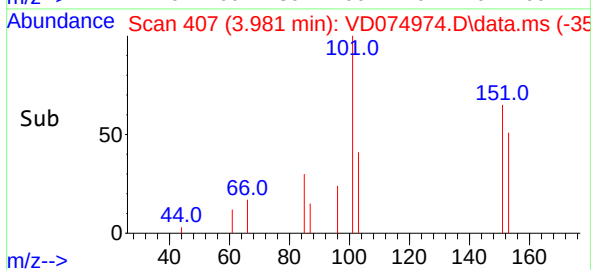
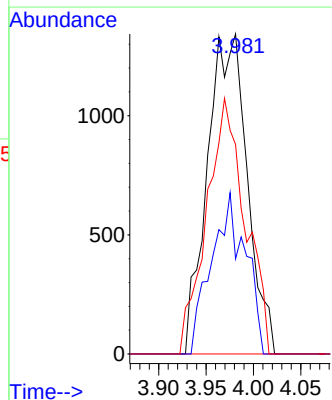
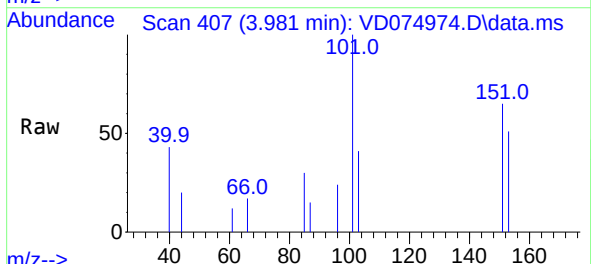
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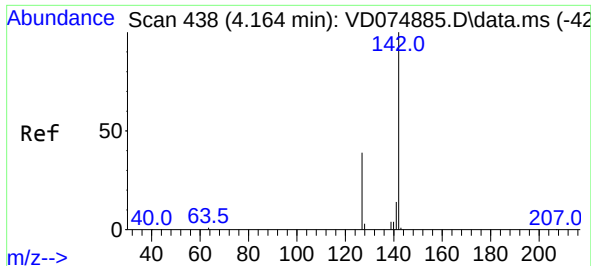
Tgt Ion: 74 Resp: 1486
Ion Ratio Lower Upper
74 100
45 80.3 37.9 113.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.312 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.017 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 101 Resp: 3936
Ion Ratio Lower Upper
101 100
85 43.0 34.1 51.1
151 77.4 61.7 92.5

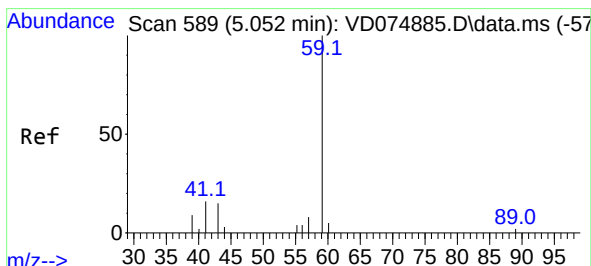
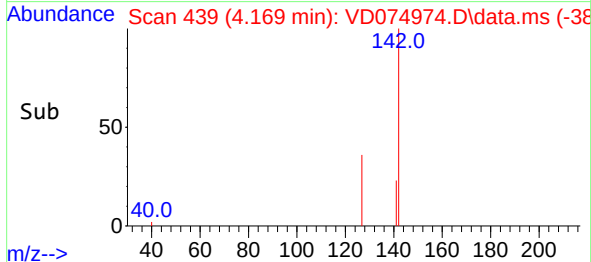
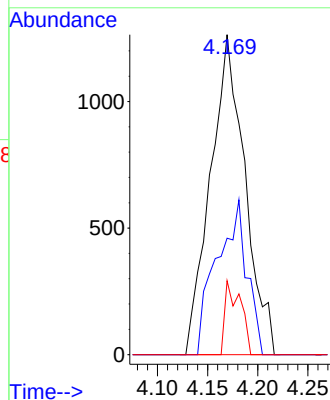
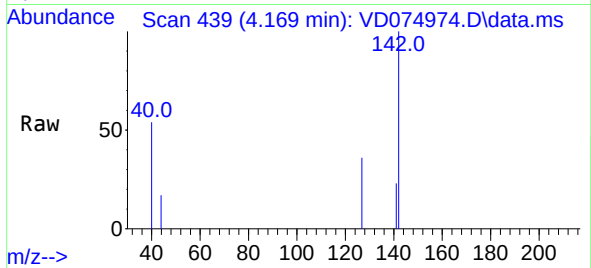




#10
Methyl Iodide
Concen: 6.707 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

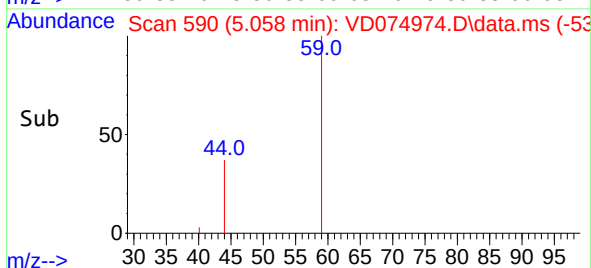
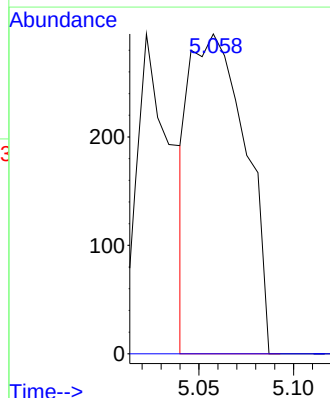
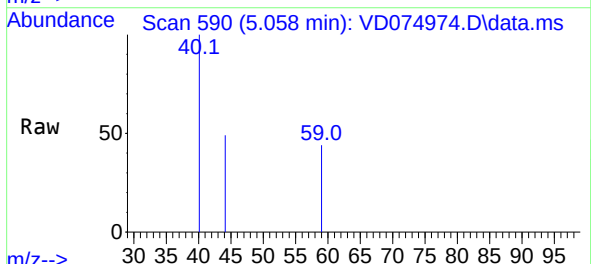
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

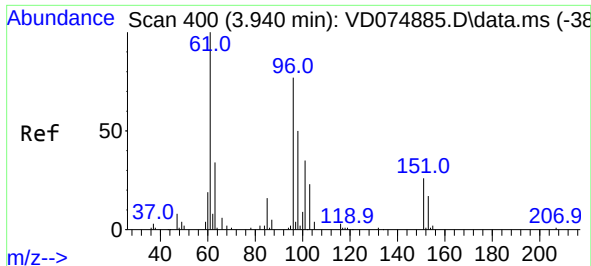
Tgt Ion:142 Resp: 3028
Ion Ratio Lower Upper
142 100
127 42.2 31.9 47.9
141 10.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.058 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 59 Resp: 603
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

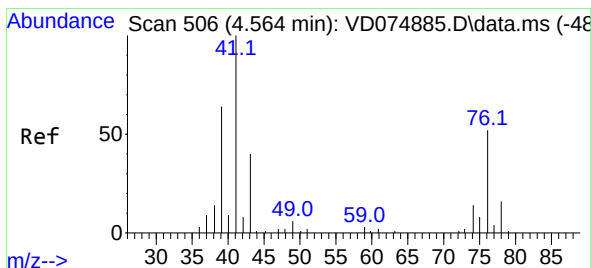
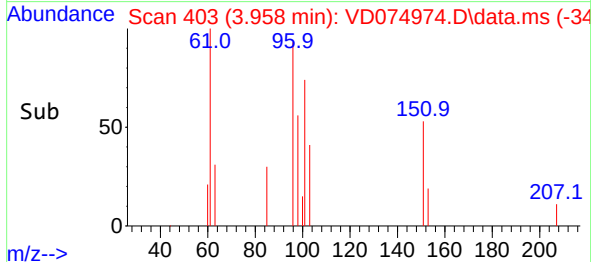
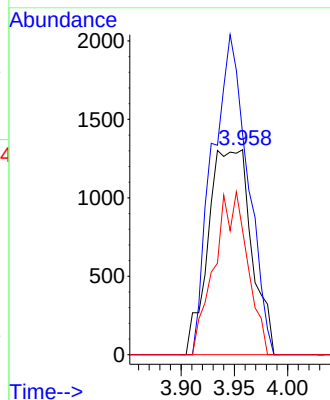
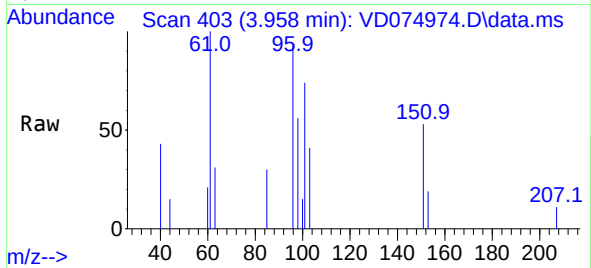




#12
1,1-Dichloroethene
Concen: 3.181 ug/l
RT: 3.958 min Scan# 400
Delta R.T. 0.018 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

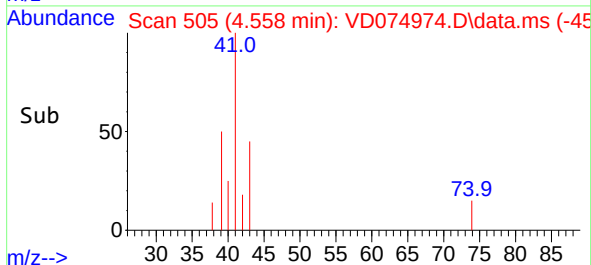
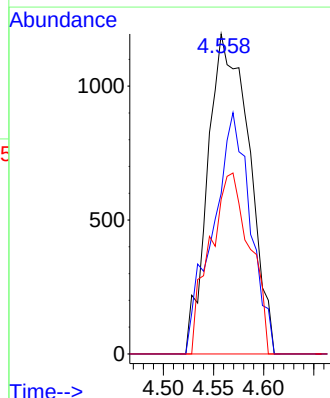
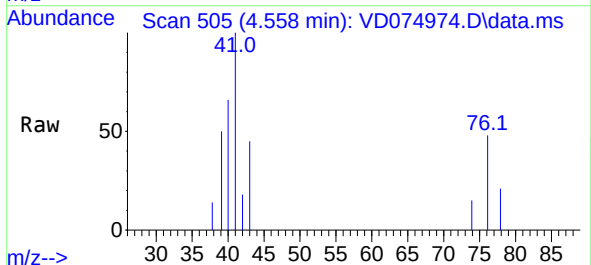
Instrument :
MSVOA_D
ClientSampleId :
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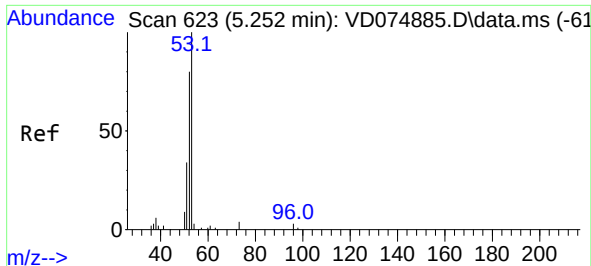
Tgt Ion: 96 Resp: 3682
Ion Ratio Lower Upper
96 100
61 107.7 113.9 170.9#
98 60.6 51.8 77.8



#14
Allyl chloride
Concen: 2.762 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 41 Resp: 3419
Ion Ratio Lower Upper
41 100
39 68.9 53.4 80.2
76 55.0 42.4 63.6

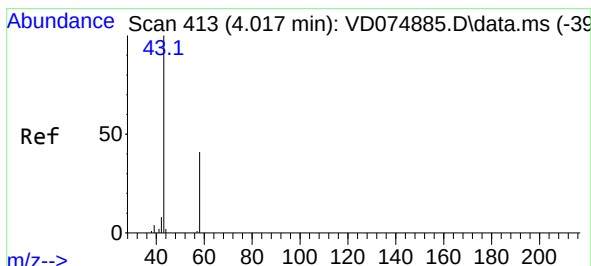
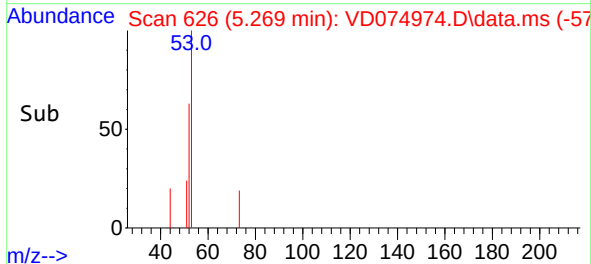
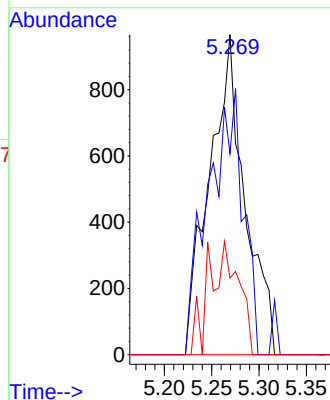
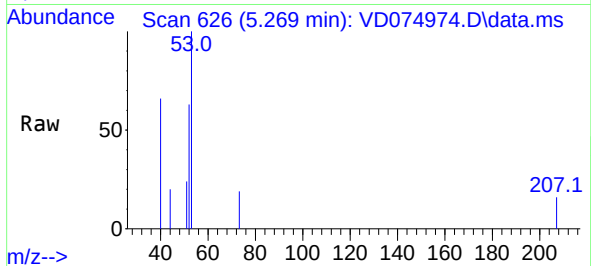




#15
Acrylonitrile
Concen: 12.059 ug/l
RT: 5.269 min Scan# 61
Delta R.T. 0.017 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

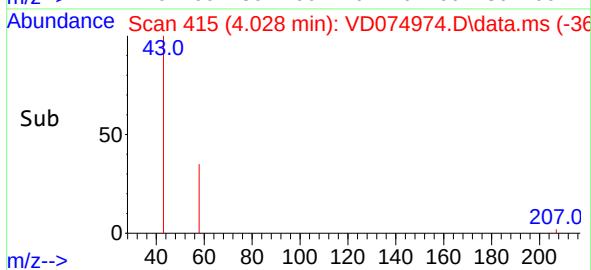
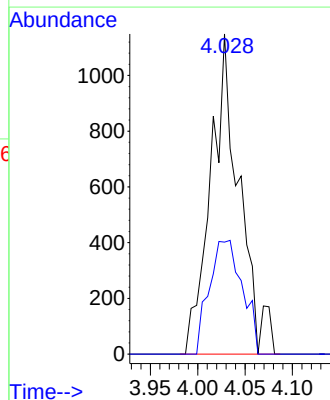
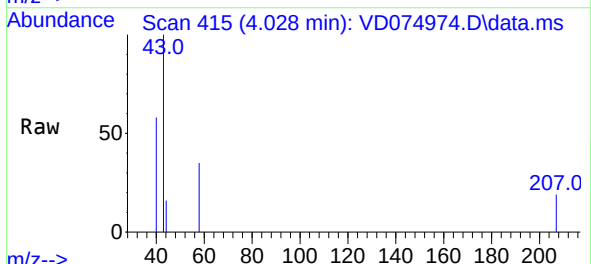
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

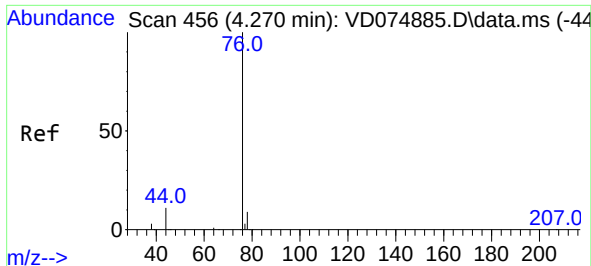
Tgt Ion:	53	Resp:	2516
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.0	99.0
51	29.6	28.3	42.5



#16
Acetone
Concen: 12.624 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:	43	Resp:	2429
Ion	Ratio	Lower	Upper
43	100		
58	35.0	30.2	45.2

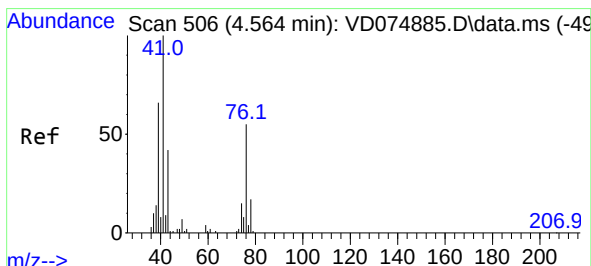
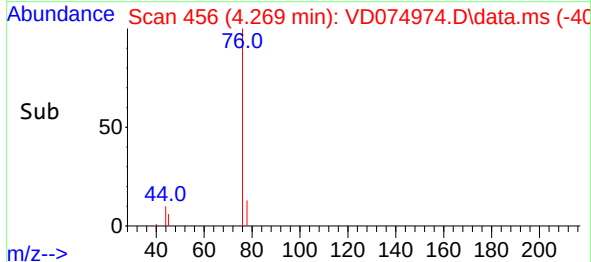
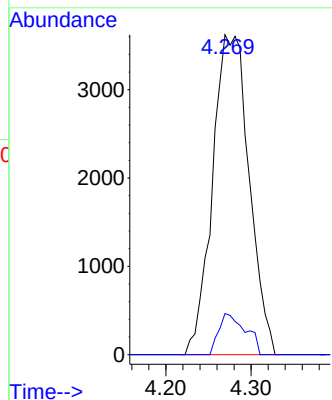
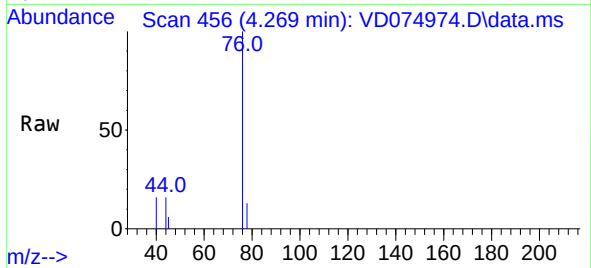




#17
Carbon Disulfide
Concen: 3.286 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

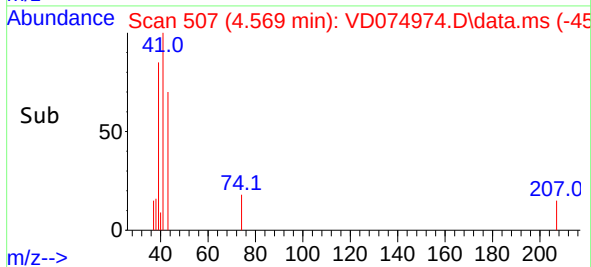
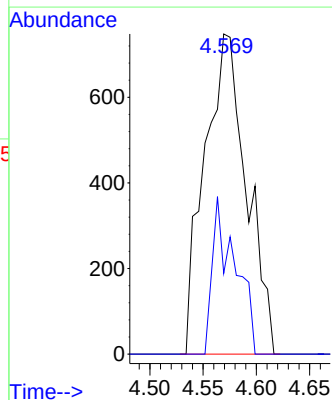
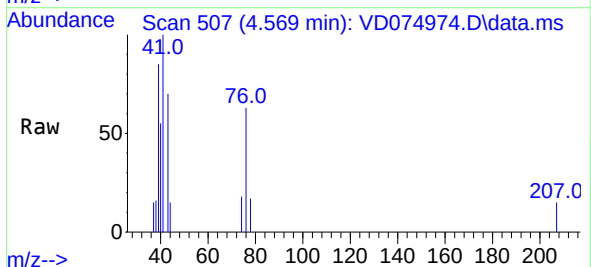
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

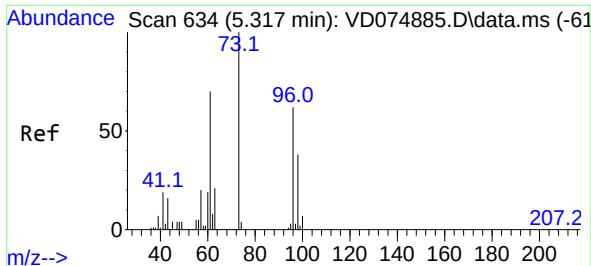
Tgt Ion: 76 Resp: 10819
Ion Ratio Lower Upper
76 100
78 12.8 7.8 11.8#



#18
Methyl Acetate
Concen: 2.074 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
74 26.7 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 2.584 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.001 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

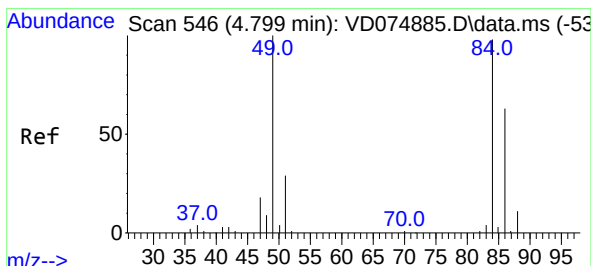
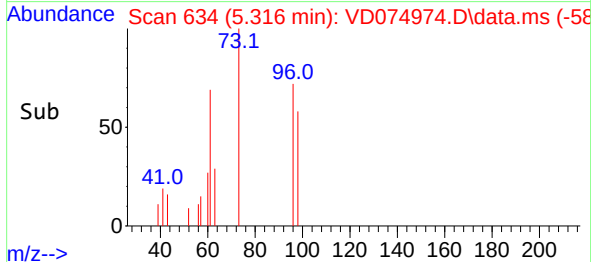
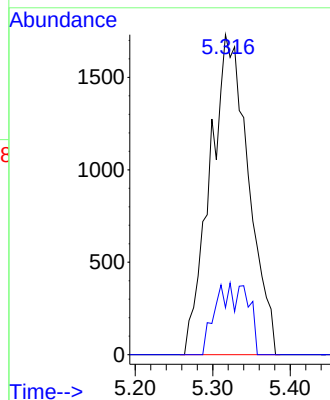
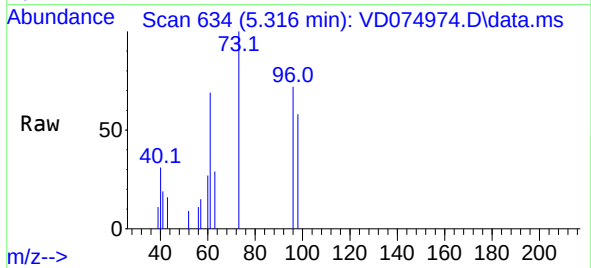
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 73 Resp: 5989

Ion Ratio Lower Upper

73 100

57 14.7 16.1 24.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

Tgt Ion: 84 Resp: 16771

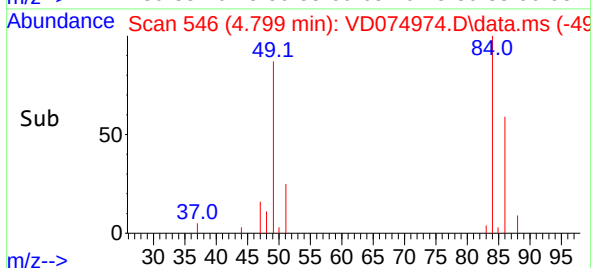
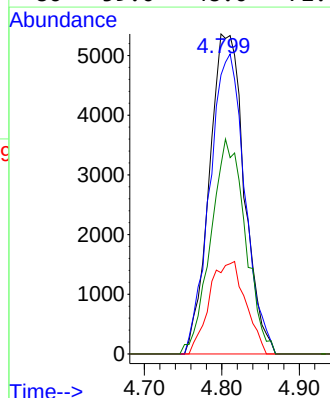
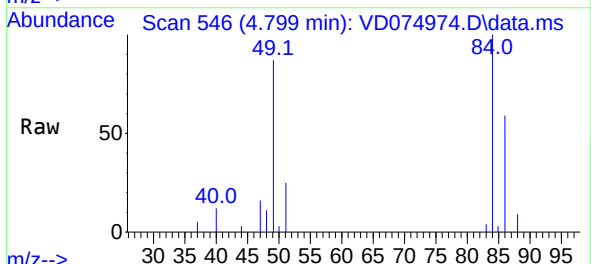
Ion Ratio Lower Upper

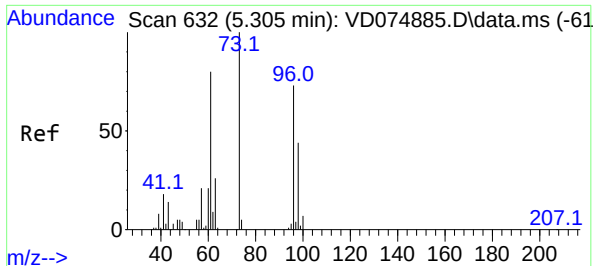
84 100

49 87.2 68.0 102.0

51 25.4 23.2 34.8

86 59.0 48.0 72.0

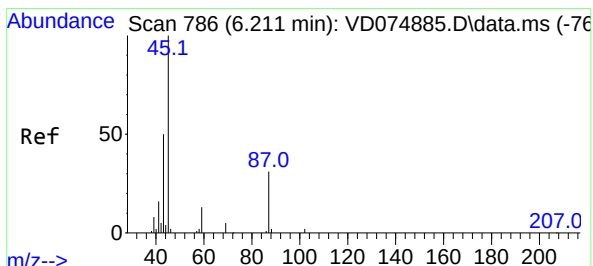
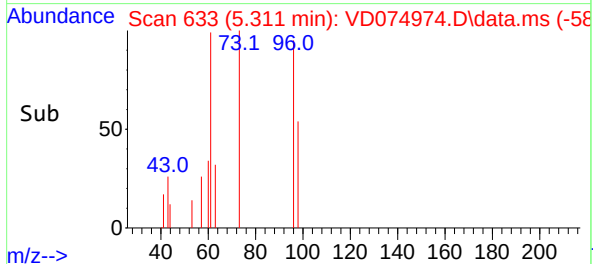
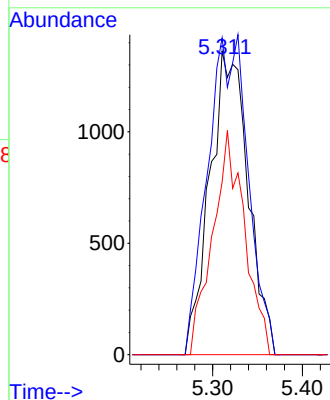
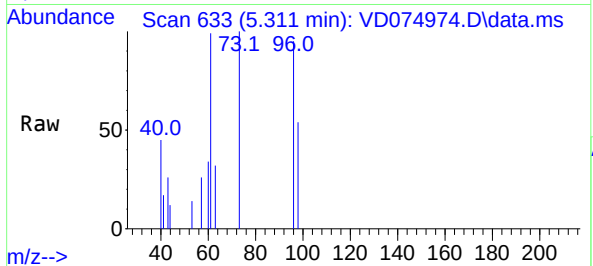




#21
trans-1,2-Dichloroethene
Concen: 3.073 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

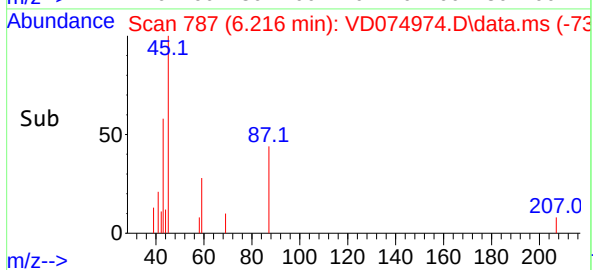
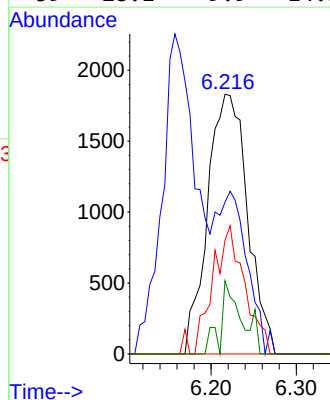
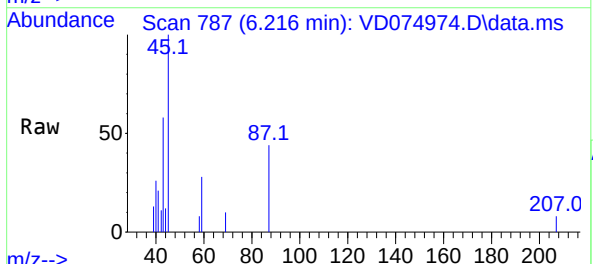
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

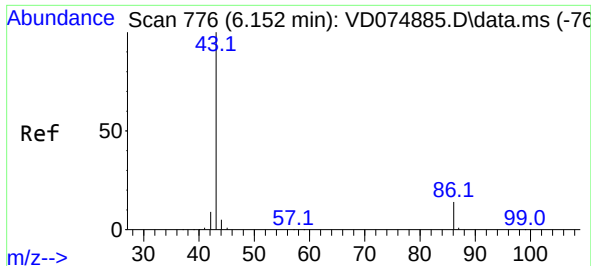
Tgt Ion: 96 Resp: 4033
Ion Ratio Lower Upper
96 100
61 104.4 95.7 143.5
98 56.8 54.8 82.2



#22
Diisopropyl ether
Concen: 2.159 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.005 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 45 Resp: 5958
Ion Ratio Lower Upper
45 100
43 58.4 37.8 56.6#
87 43.7 26.6 40.0#
59 28.1 9.9 14.9#

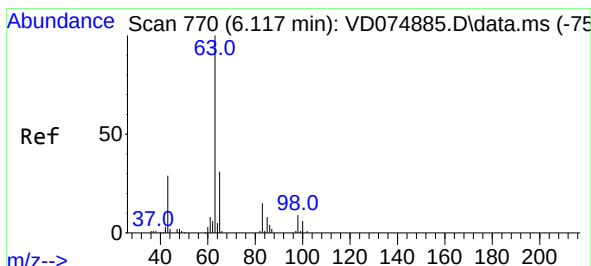
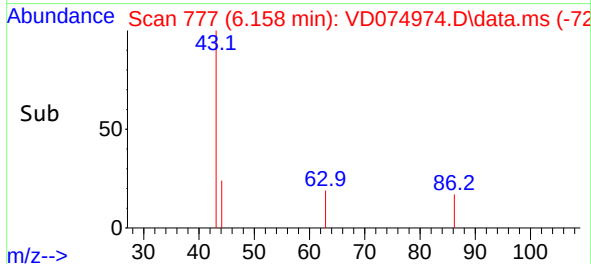
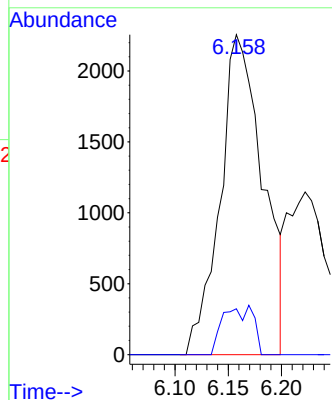
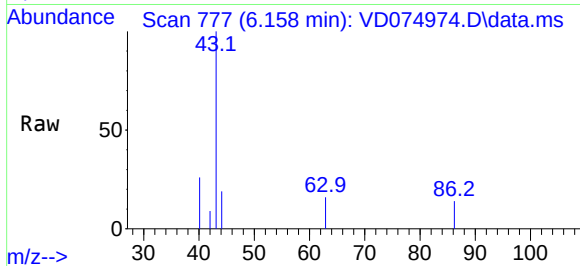




#23
 Vinyl Acetate
 Concen: 5.328 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VD074974.D
 Acq: 17 Nov 2022 17:17

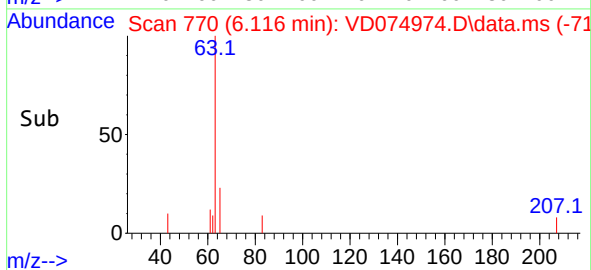
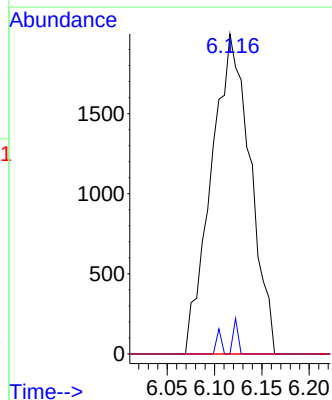
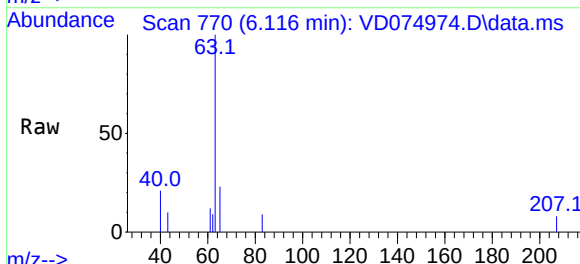
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

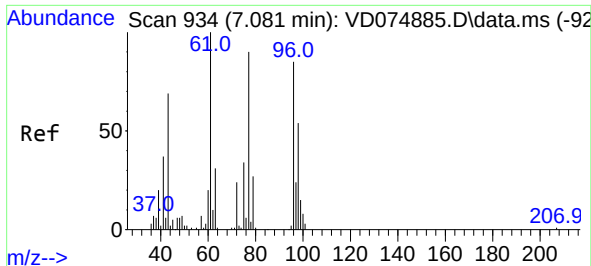
Tgt Ion: 43 Resp: 6311
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 2.766 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VD074974.D
 Acq: 17 Nov 2022 17:17

Tgt Ion: 63 Resp: 5701
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.6 13.8#
 100 0.0 2.9 8.6#

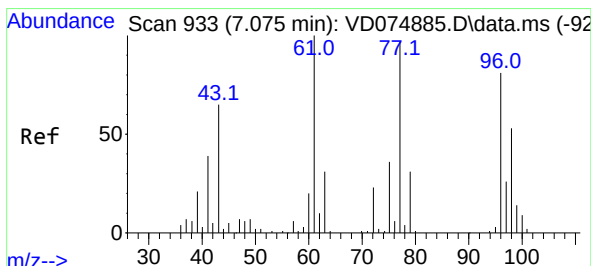
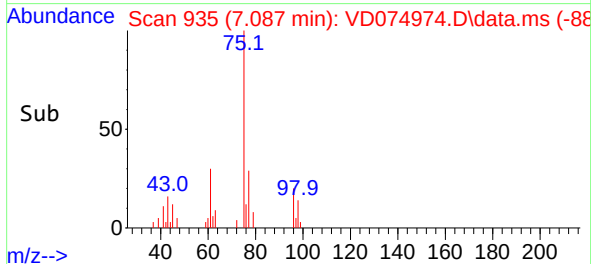
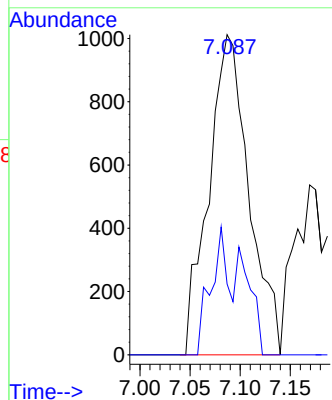
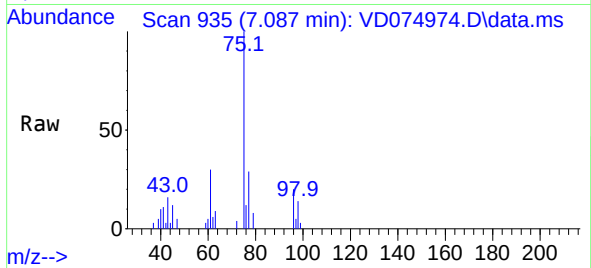




#25
2-Butanone
Concen: 11.240 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

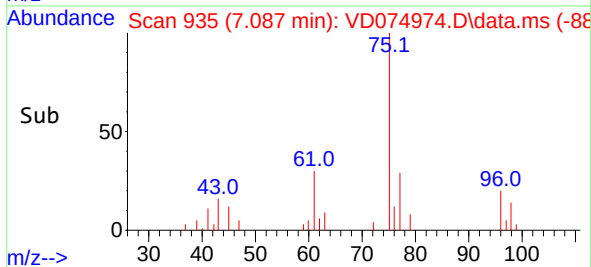
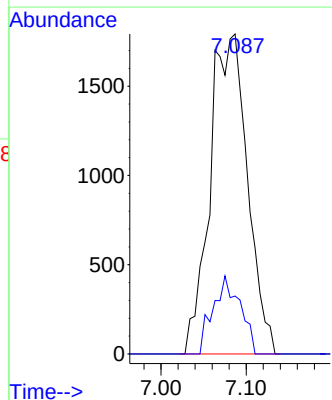
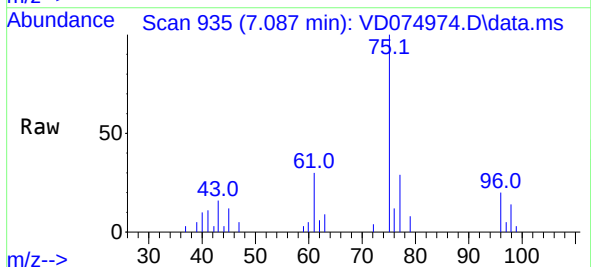
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

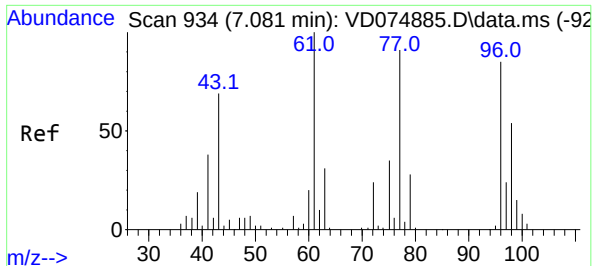
Tgt Ion: 43 Resp: 2828
Ion Ratio Lower Upper
43 100
72 22.1 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 2.829 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 77 Resp: 5478
Ion Ratio Lower Upper
77 100
97 17.6 12.5 37.5



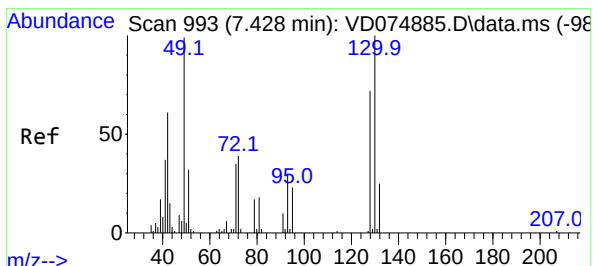
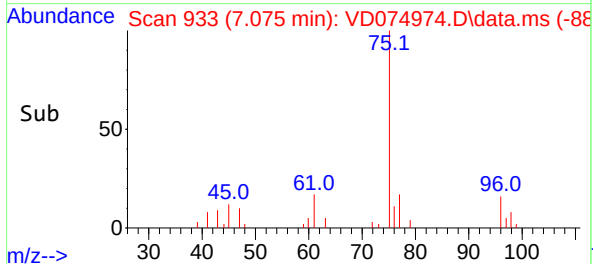
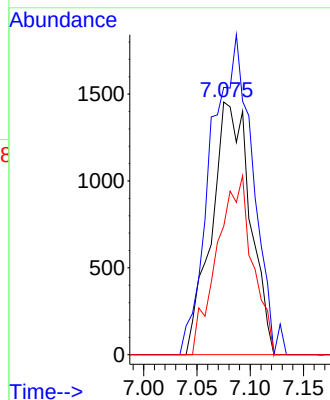
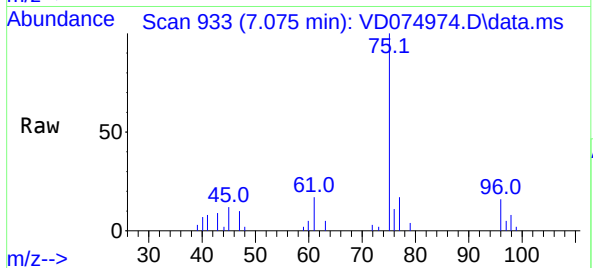


#27
cis-1,2-Dichloroethene
Concen: 2.518 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

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

Tgt Ion: 96 Resp: 3666

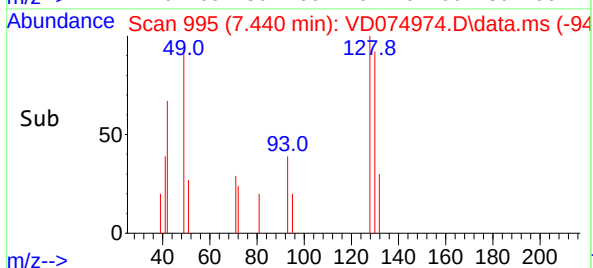
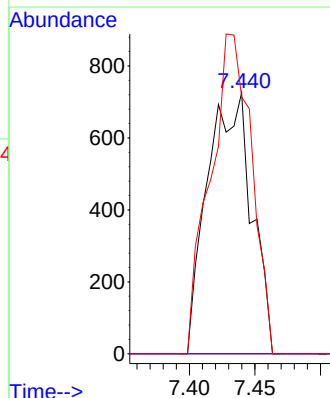
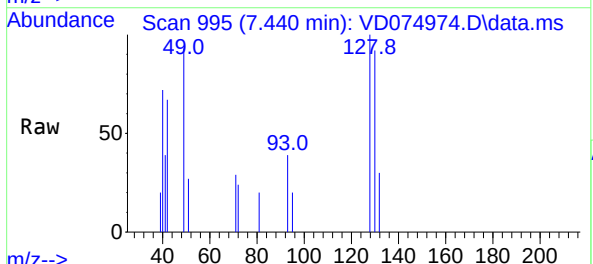
Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	242.4
98	65.2	0.0	130.0

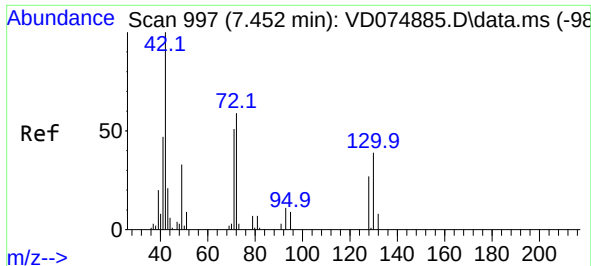


#28
Bromochloromethane
Concen: 2.563 ug/l
RT: 7.440 min Scan# 995
Delta R.T. 0.012 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 49 Resp: 1704

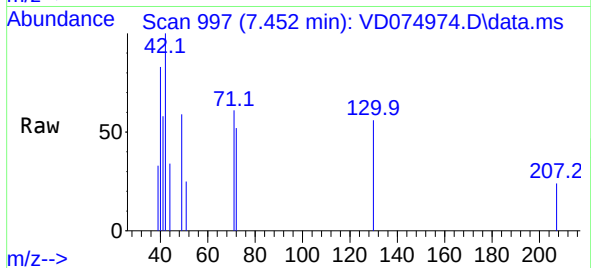
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	114.7	84.1	126.1



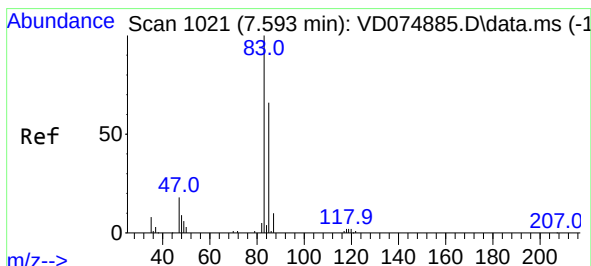
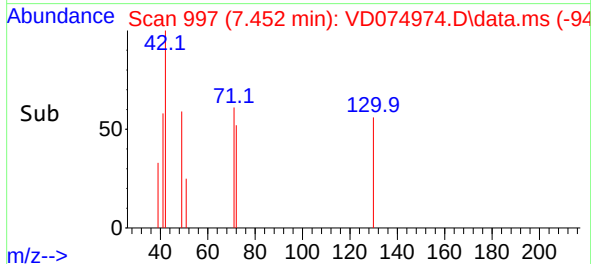
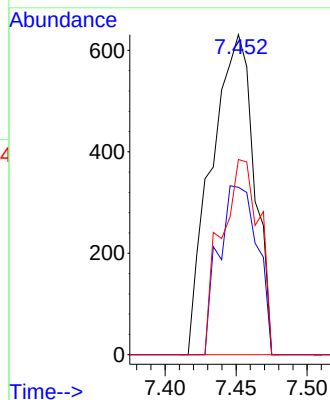


#29
Tetrahydrofuran
Concen: 9.535 ug/l
RT: 7.452 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

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

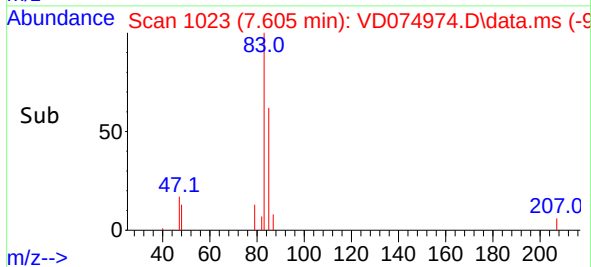
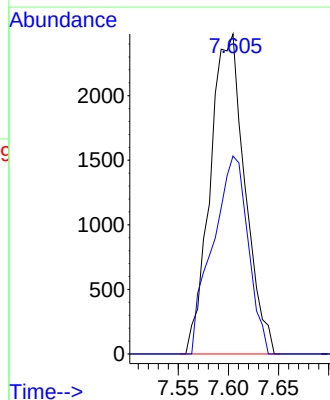
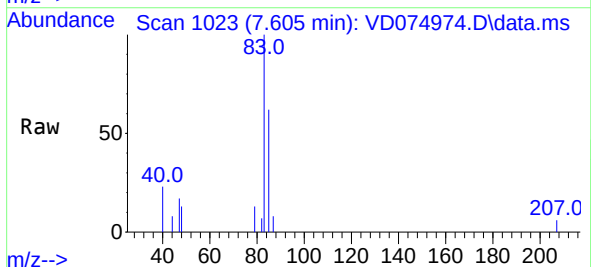


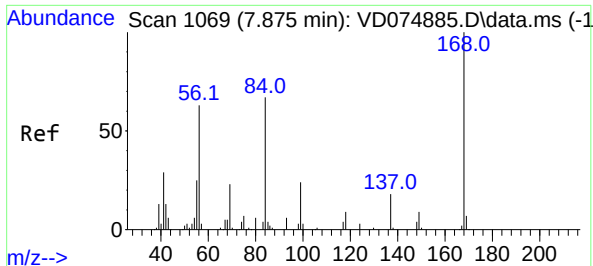
Tgt Ion:	42	Resp:	1328
Ion	Ratio	Lower	Upper
42	100		
72	47.7	45.8	68.6
71	54.3	44.6	66.8



#30
Chloroform
Concen: 2.635 ug/l
RT: 7.605 min Scan# 1023
Delta R.T. 0.012 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:	83	Resp:	5946
Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.0	78.0

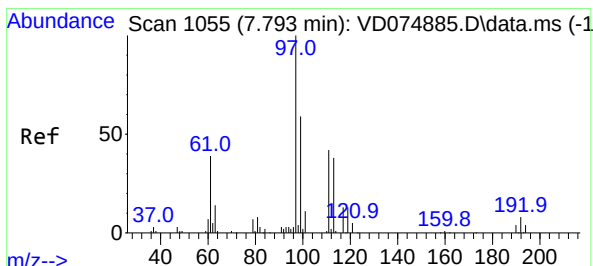
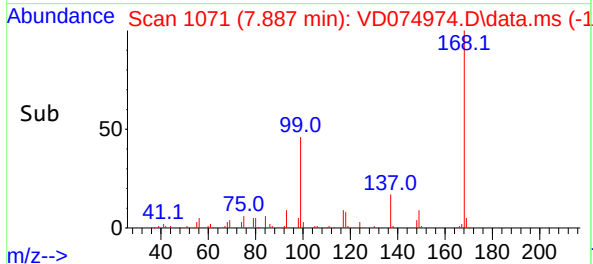
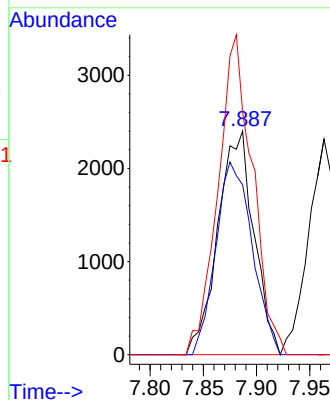
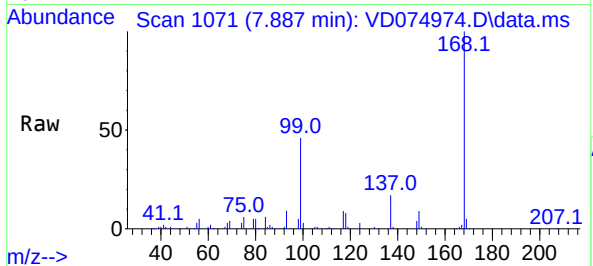




#31
Cyclohexane
Concen: 3.322 ug/l
RT: 7.887 min Scan# 1069
Delta R.T. 0.012 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

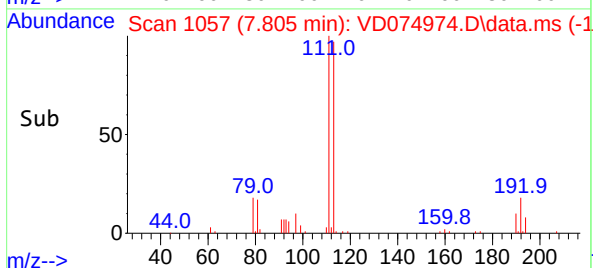
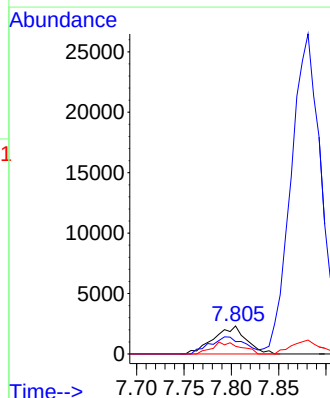
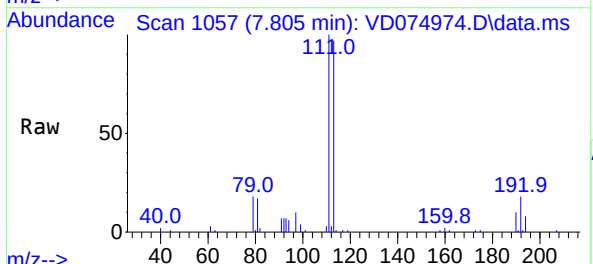
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

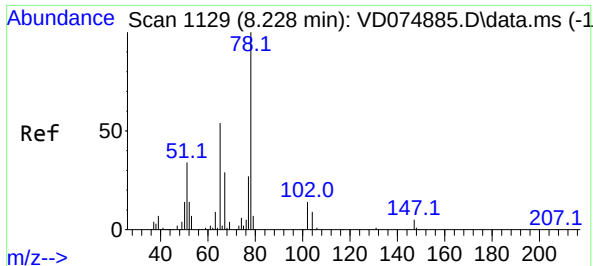
Tgt Ion: 56 Resp: 5644
Ion Ratio Lower Upper
56 100
69 76.0 29.2 43.8#
84 108.7 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 2.817 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.011 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 97 Resp: 5480
Ion Ratio Lower Upper
97 100
99 65.2 53.3 79.9
61 37.4 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 57.112 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

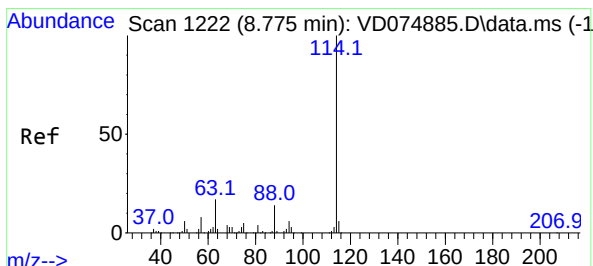
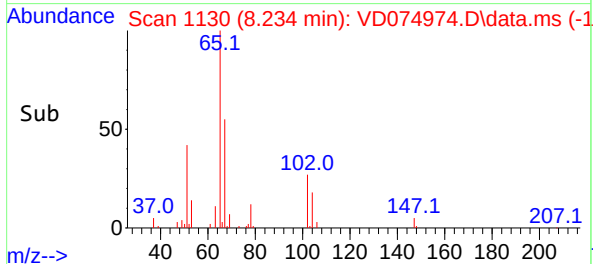
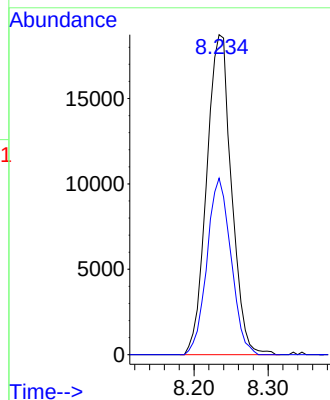
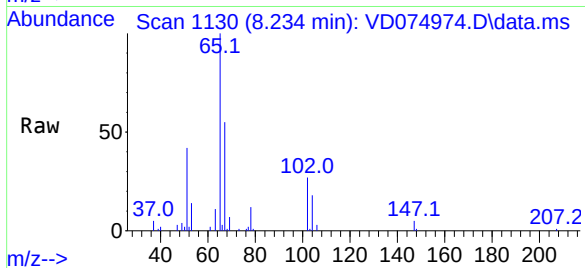
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 65 Resp: 43578

Ion Ratio Lower Upper

65 100

67 53.3 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: VD074974.D

Acq: 17 Nov 2022 17:17

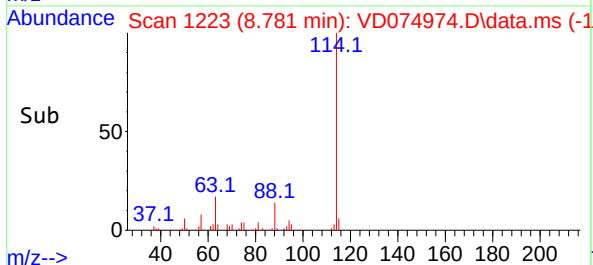
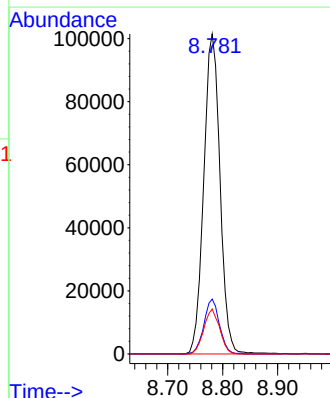
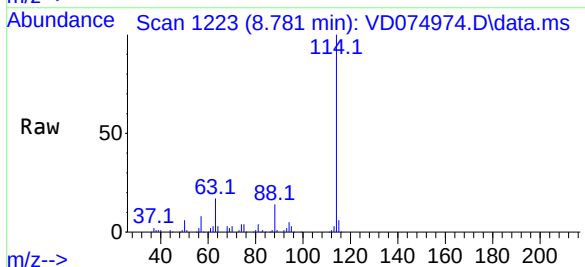
Tgt Ion: 114 Resp: 208290

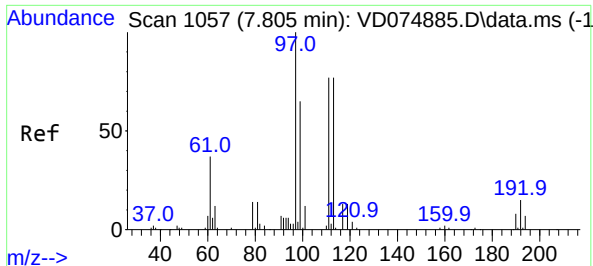
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 14.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 43.021 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

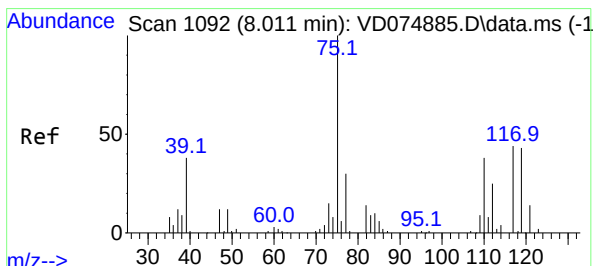
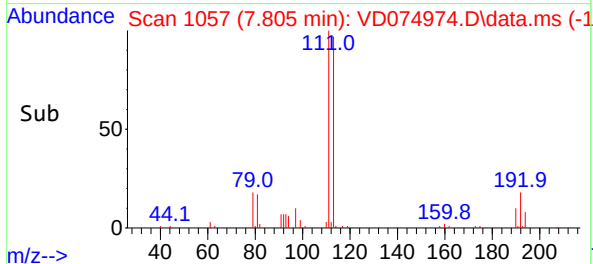
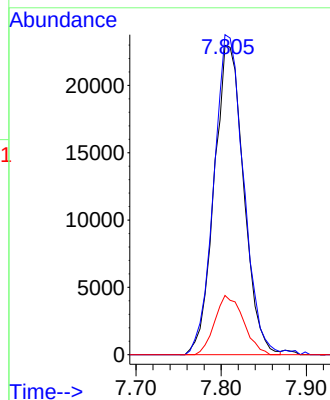
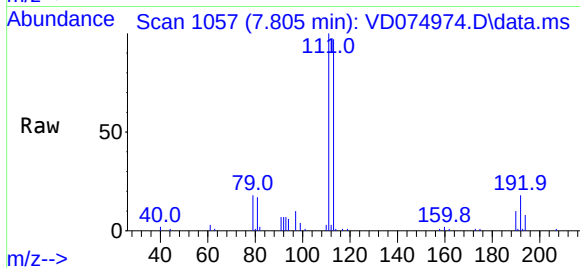
Tgt Ion:113 Resp: 55237

Ion Ratio Lower Upper

113 100

111 104.8 82.3 123.5

192 18.6 16.4 24.6



#36

1,1-Dichloropropene

Concen: 2.296 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

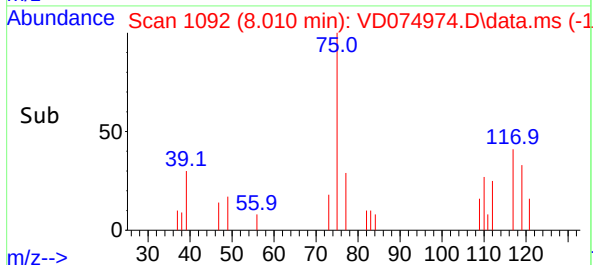
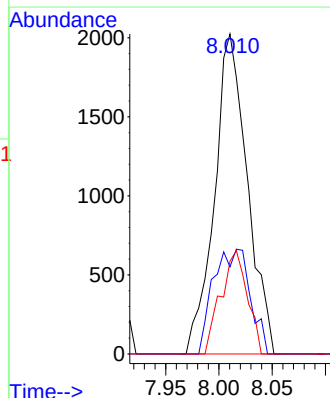
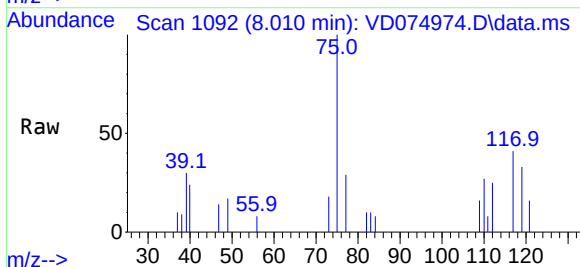
Tgt Ion: 75 Resp: 4332

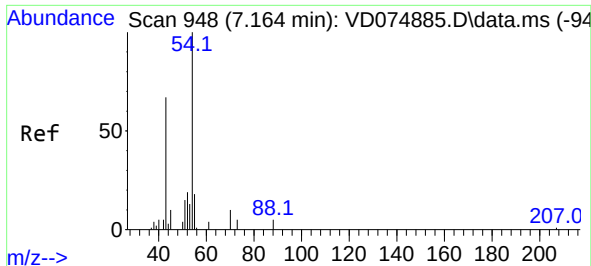
Ion Ratio Lower Upper

75 100

110 36.8 19.7 59.0

77 26.0 25.4 38.2





#37

Ethyl Acetate

Concen: 2.162 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.005 min

Lab File: VD074974.D

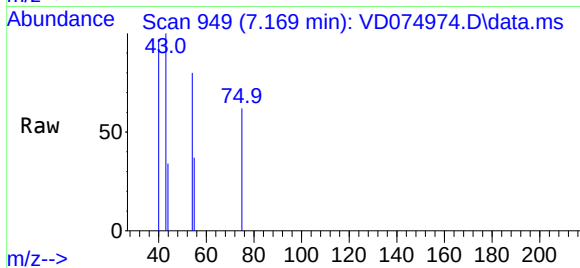
Acq: 17 Nov 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022



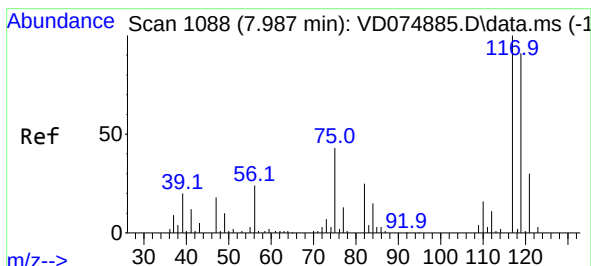
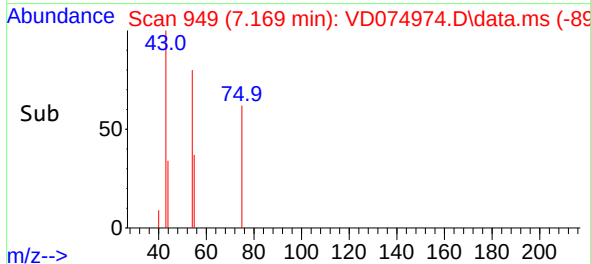
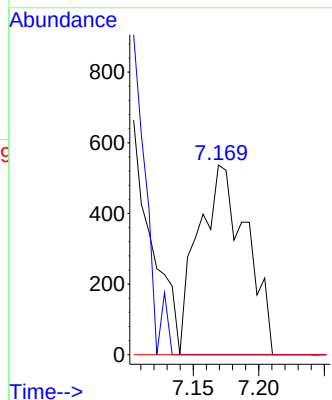
Tgt Ion: 43 Resp: 1369

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 1.872 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

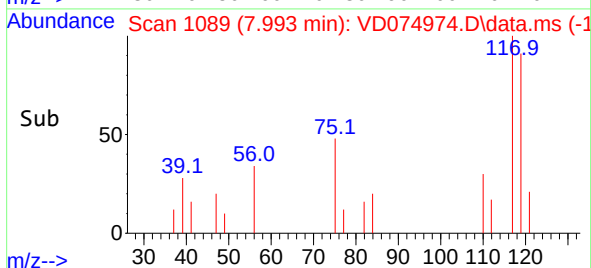
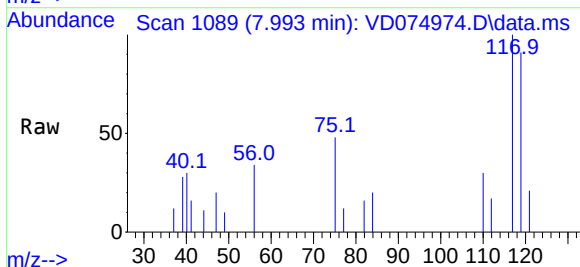
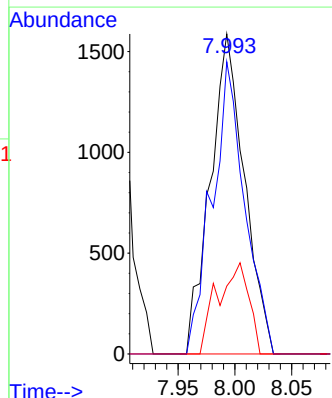
Tgt Ion: 117 Resp: 3326

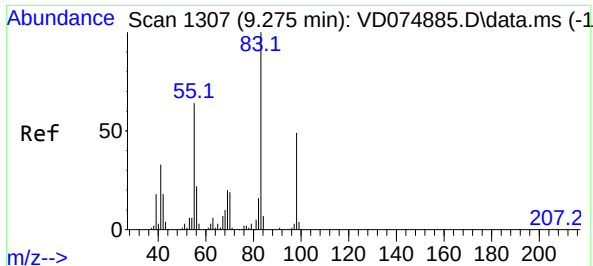
Ion Ratio Lower Upper

117 100

119 91.3 73.1 109.7

121 21.2 25.0 37.6#





#39

Methylcyclohexane

Concen: 2.383 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

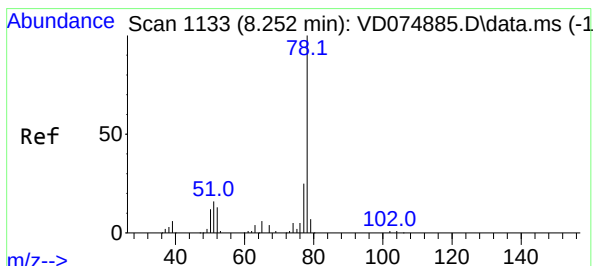
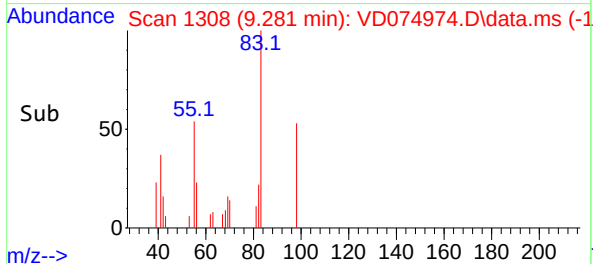
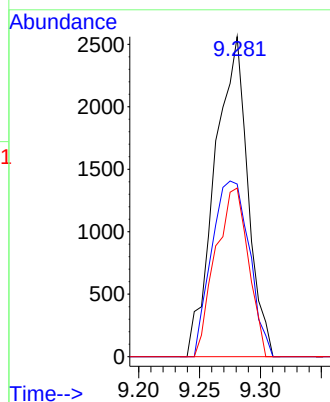
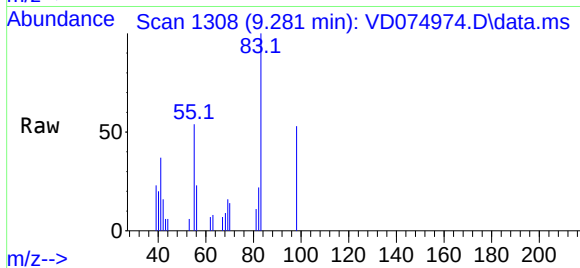
Tgt Ion: 83 Resp: 4818

Ion Ratio Lower Upper

83 100

55 53.9 49.0 73.4

98 52.7 41.7 62.5



#40

Benzene

Concen: 2.418 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074974.D

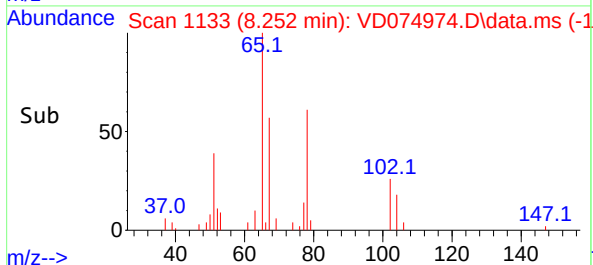
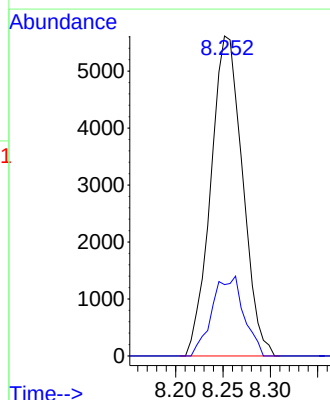
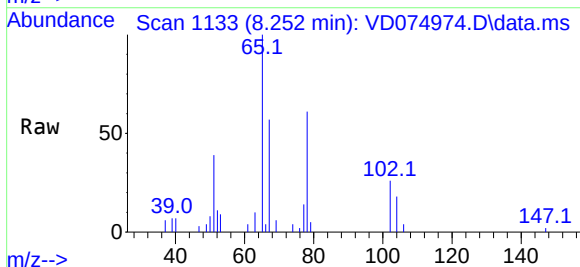
Acq: 17 Nov 2022 17:17

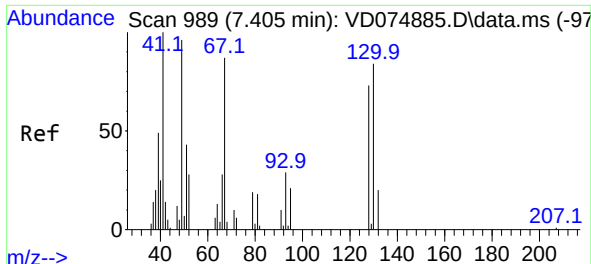
Tgt Ion: 78 Resp: 13118

Ion Ratio Lower Upper

78 100

77 22.3 20.1 30.1

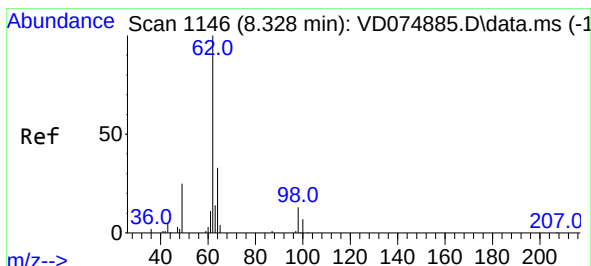
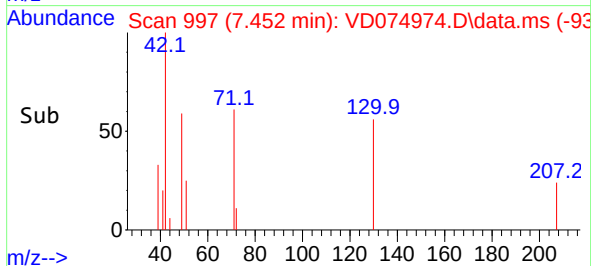
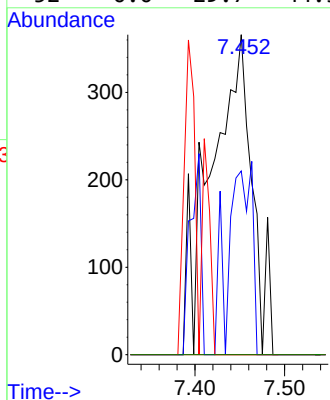
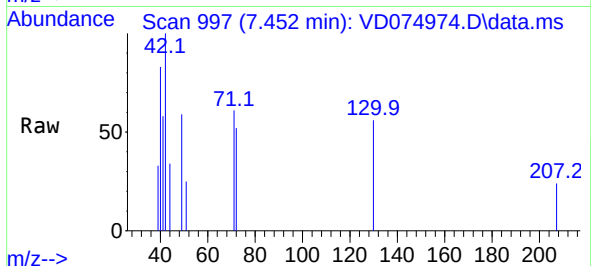




#41
Methacrylonitrile
Concen: 3.493 ug/l
RT: 7.452 min Scan# 91
Delta R.T. 0.047 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

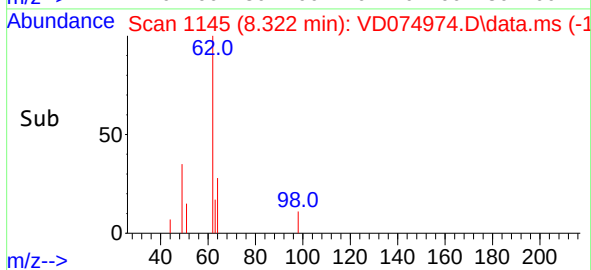
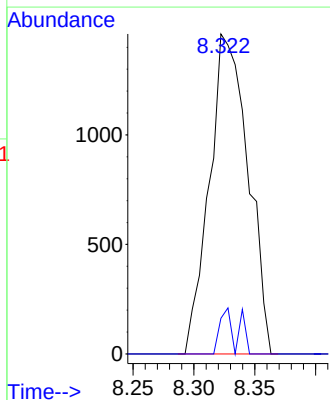
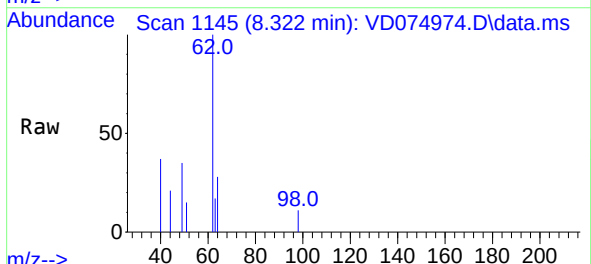
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

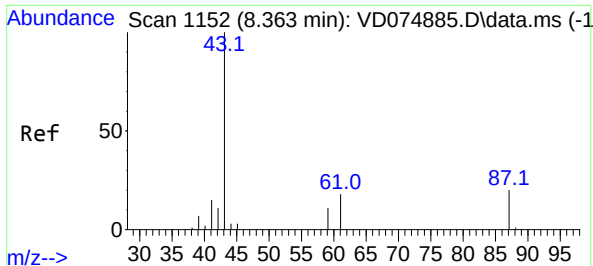
Tgt Ion:	41	Resp:	1173
Ion	Ratio	Lower	Upper
41	100		
39	34.4	35.0	52.6#
67	0.0	77.0	115.6#
52	0.0	29.7	44.5#



#42
1,2-Dichloroethane
Concen: 2.482 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:	62	Resp:	3223
Ion	Ratio	Lower	Upper
62	100		
98	6.3	0.0	24.2

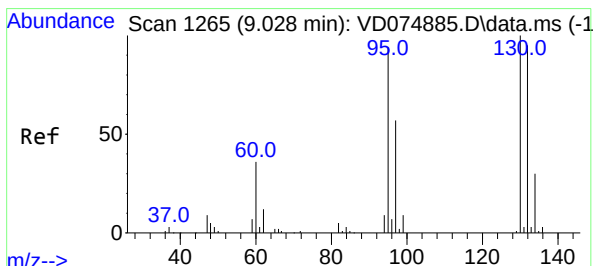
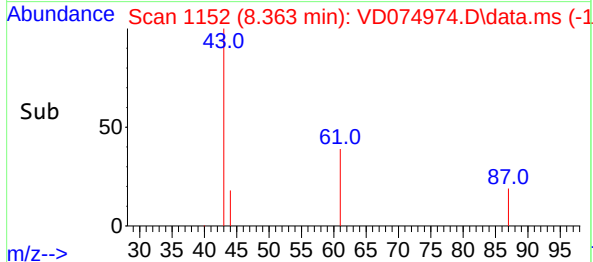
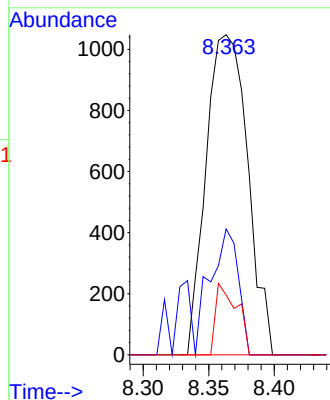
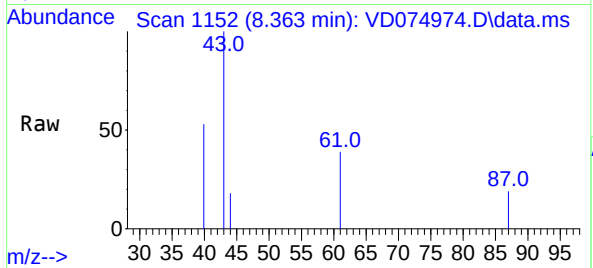




#43
Isopropyl Acetate
Concen: 2.076 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

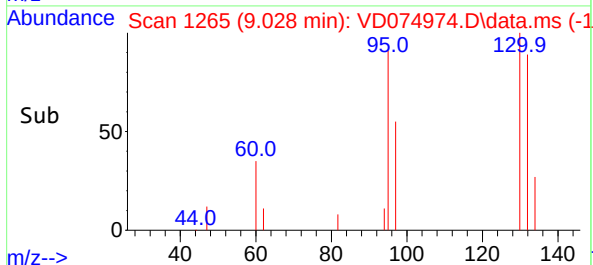
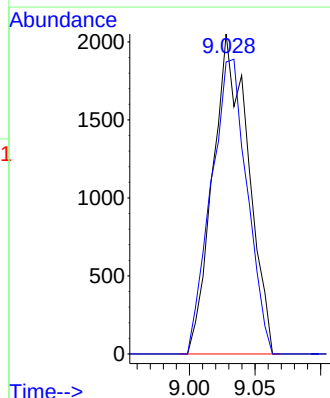
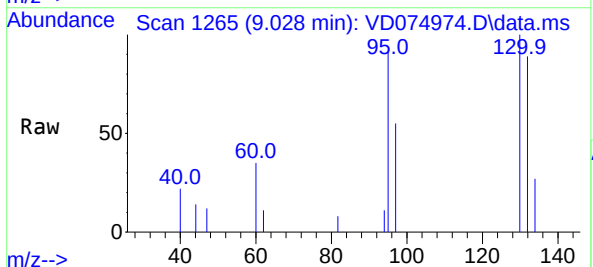
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

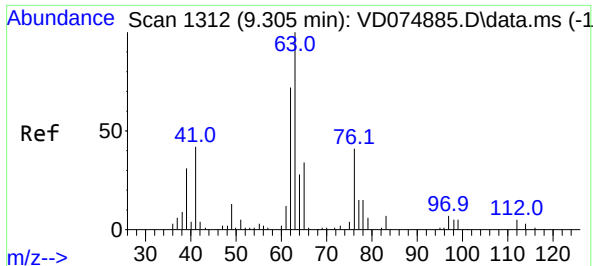
Tgt Ion: 43 Resp: 2315
Ion Ratio Lower Upper
43 100
61 26.6 30.9 46.3#
87 11.4 14.3 21.5#



#44
Trichloroethene
Concen: 2.688 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 130 Resp: 3853
Ion Ratio Lower Upper
130 100
95 91.3 0.0 185.4





#45

1,2-Dichloropropane

Concen: 2.508 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

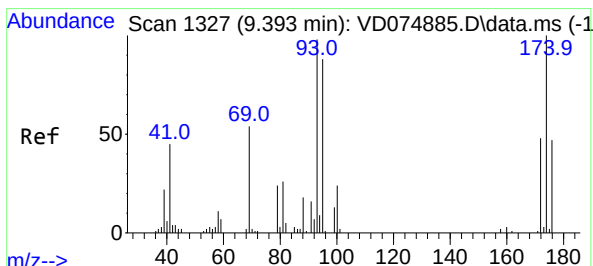
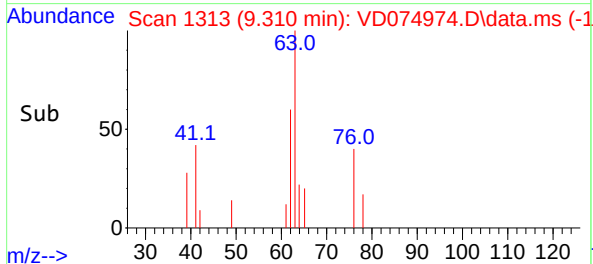
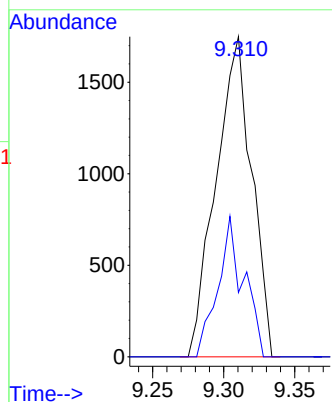
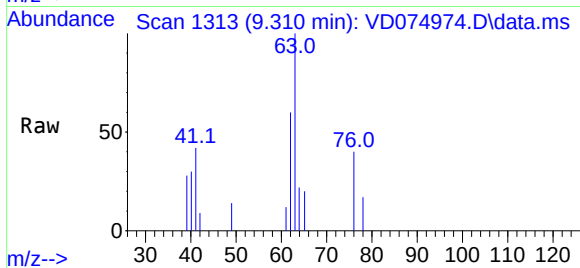
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 63 Resp: 3058

Ion Ratio Lower Upper

63 100

65 20.1 23.1 34.7#



#46

Dibromomethane

Concen: 2.403 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

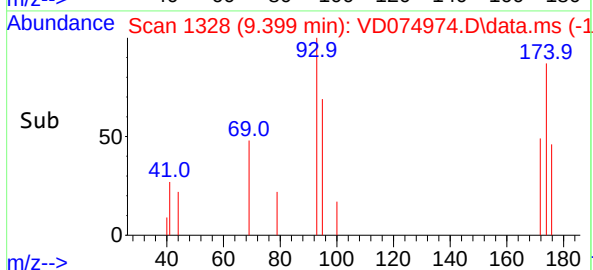
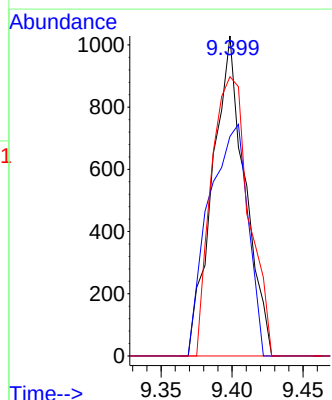
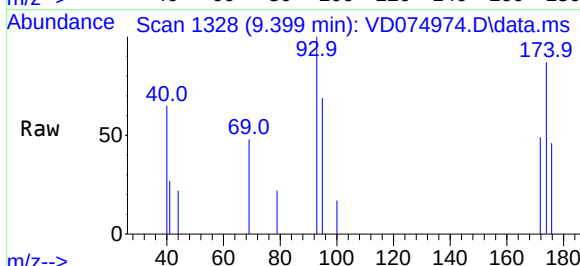
Tgt Ion: 93 Resp: 1641

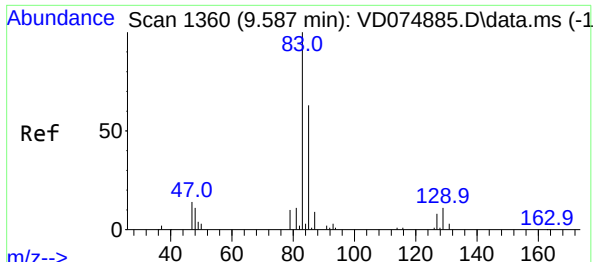
Ion Ratio Lower Upper

93 100

95 87.0 68.2 102.2

174 100.6 87.4 131.0

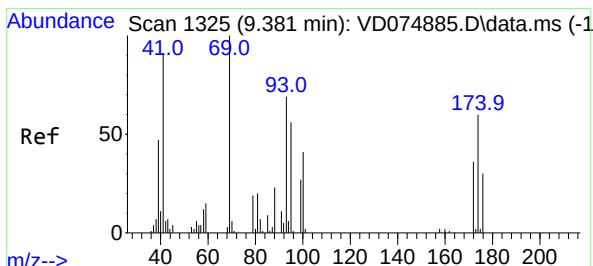
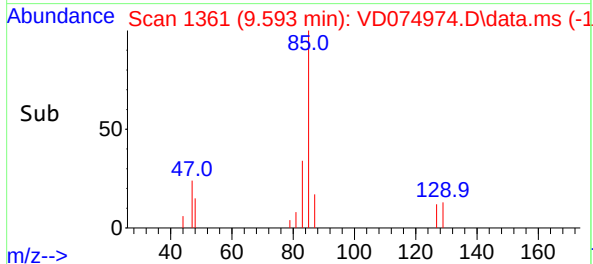
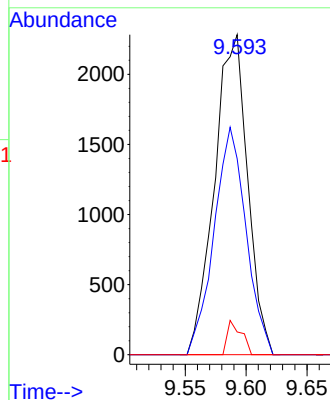
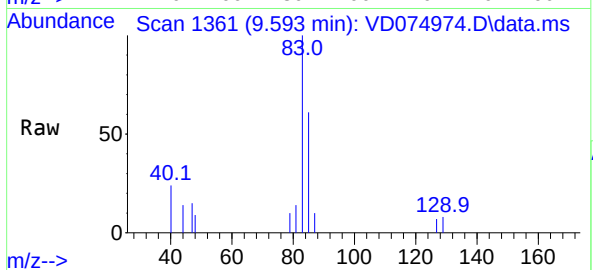




#47
Bromodichloromethane
Concen: 2.555 ug/l
RT: 9.593 min Scan# 1361
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

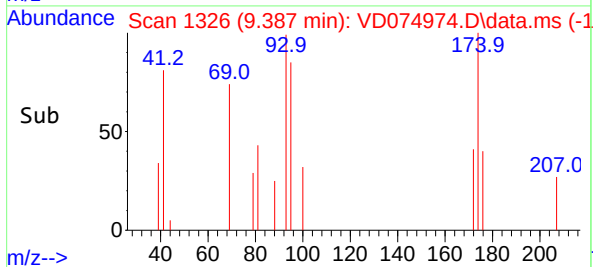
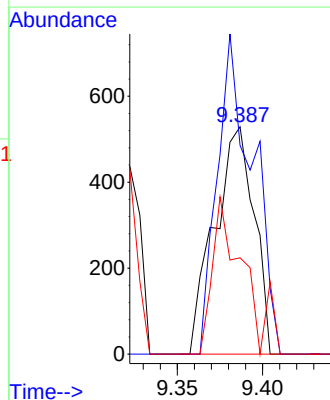
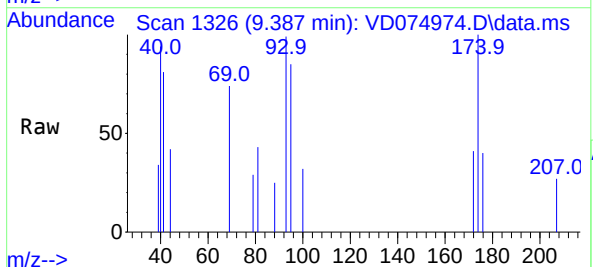
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

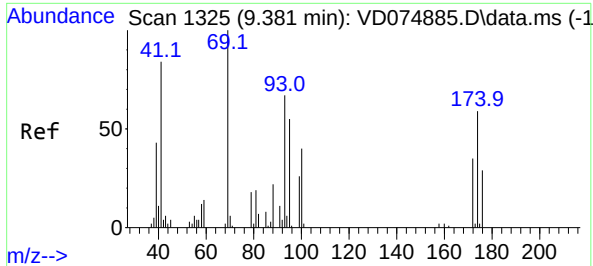
Tgt Ion:	83	Resp:	4329
Ion	Ratio	Lower	Upper
83	100		
85	61.3	48.8	73.2
127	7.1	6.7	10.1



#48
Methyl methacrylate
Concen: 1.733 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:	41	Resp:	856
Ion	Ratio	Lower	Upper
41	100		
69	125.7	93.0	139.4
39	54.8	44.6	66.8

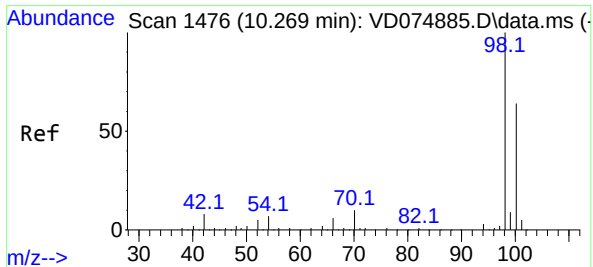
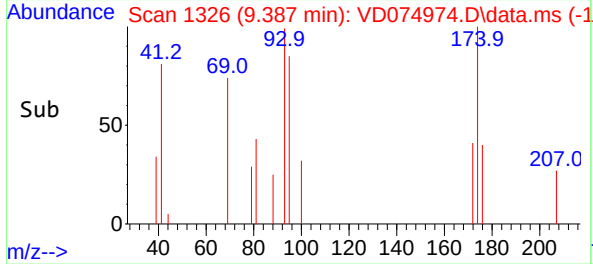
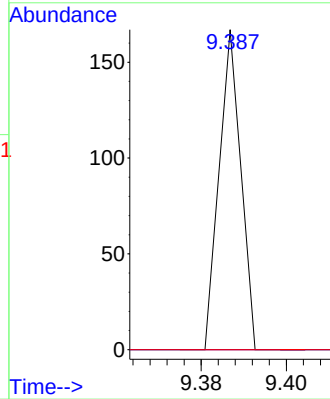
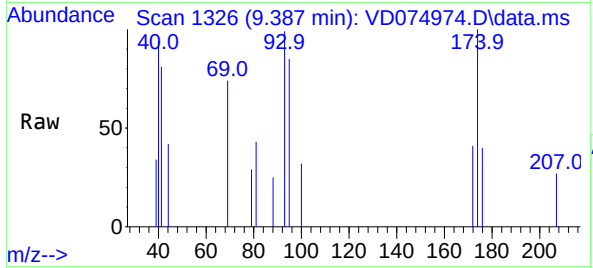




#49
1,4-Dioxane
Concen: 8.806 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

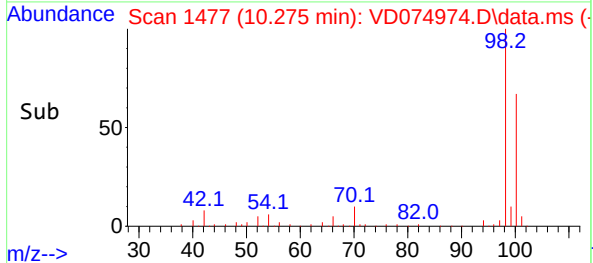
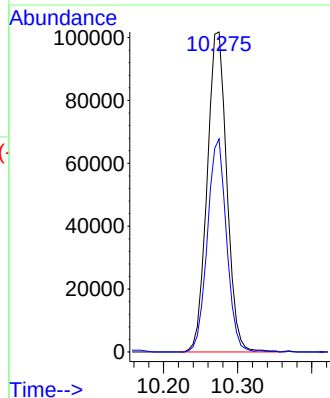
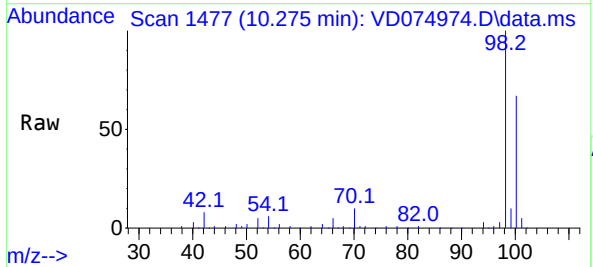
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

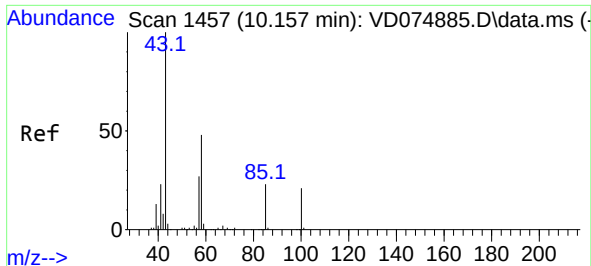
Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 0.0 43.1 64.7#



#50
Toluene-d8
Concen: 44.376 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 98 Resp: 187684
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0

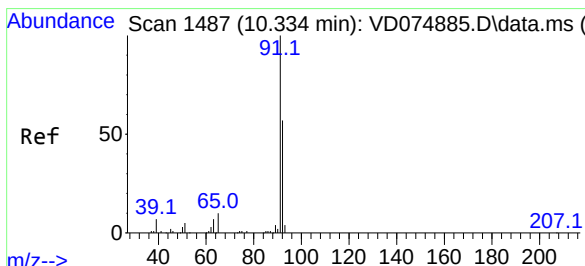
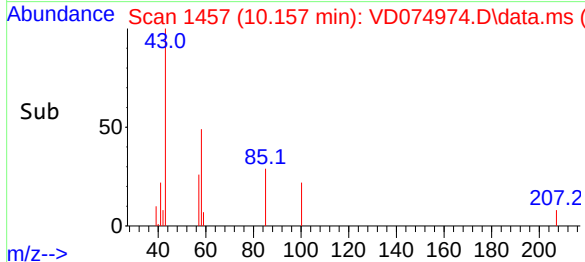
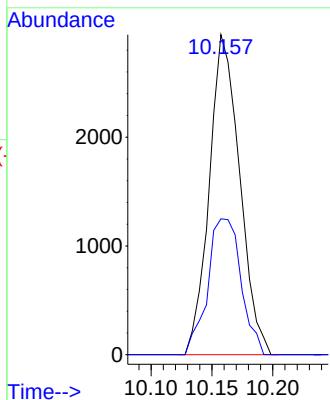
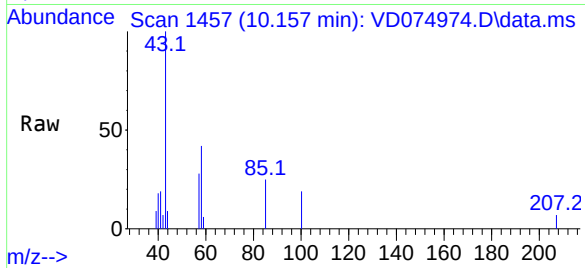




#51
4-Methyl-2-Pentanone
Concen: 9.613 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

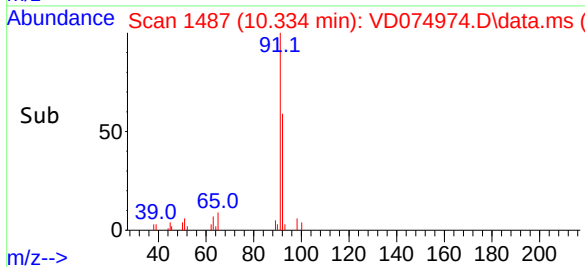
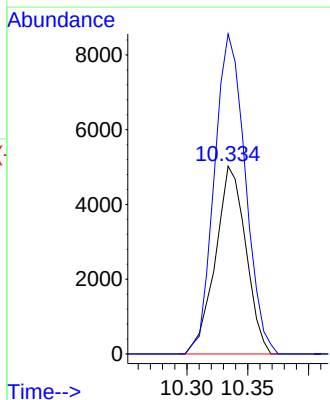
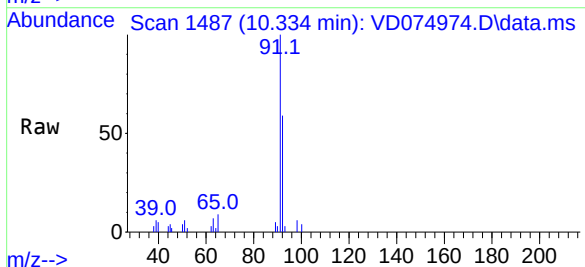
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

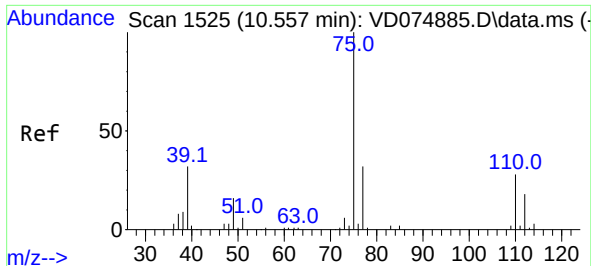
Tgt Ion: 43 Resp: 5111
Ion Ratio Lower Upper
43 100
58 46.6 37.8 56.6



#52
Toluene
Concen: 2.689 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 92 Resp: 8723
Ion Ratio Lower Upper
92 100
91 173.4 139.0 208.4

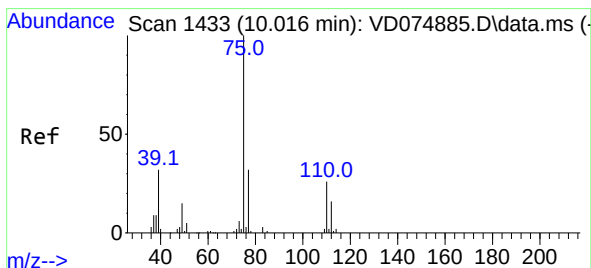
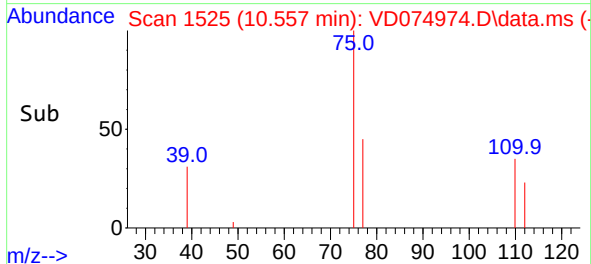
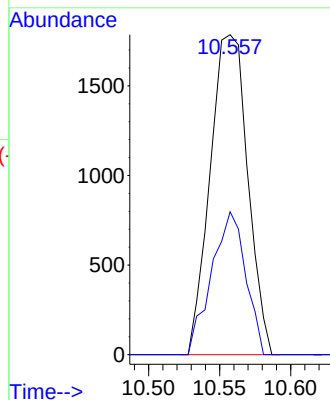
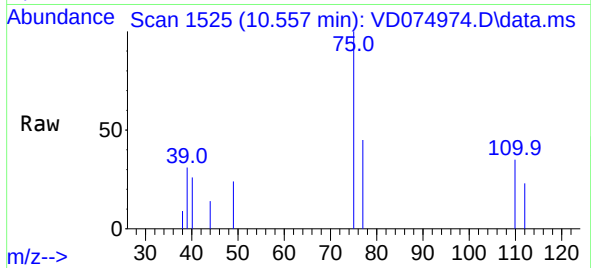




#53
t-1,3-Dichloropropene
Concen: 2.196 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

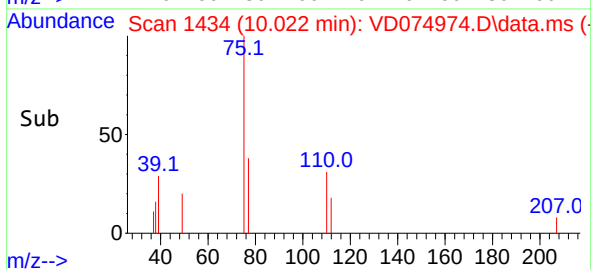
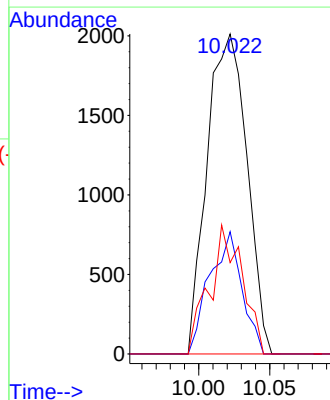
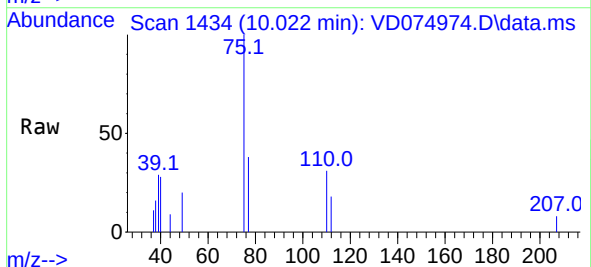
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

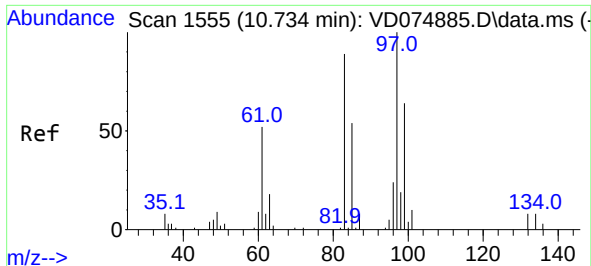
Tgt Ion: 75 Resp: 3287
Ion Ratio Lower Upper
75 100
77 44.6 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.135 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 75 Resp: 3919
Ion Ratio Lower Upper
75 100
77 38.2 24.7 37.1#
39 28.6 25.4 38.2

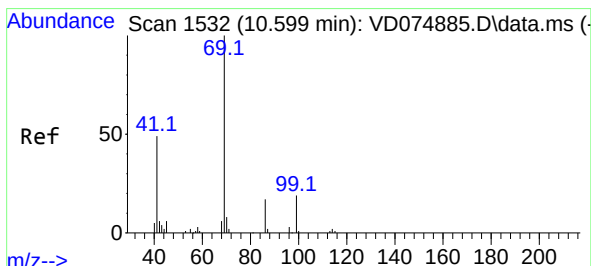
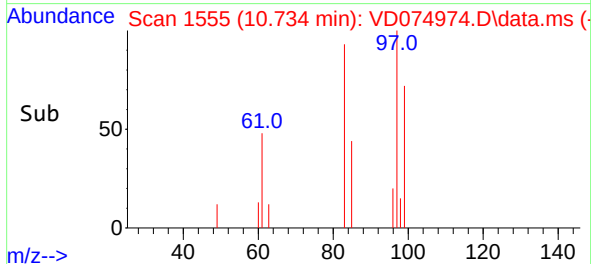
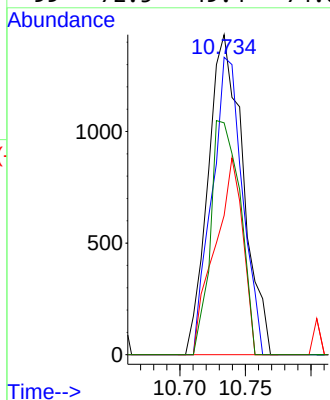
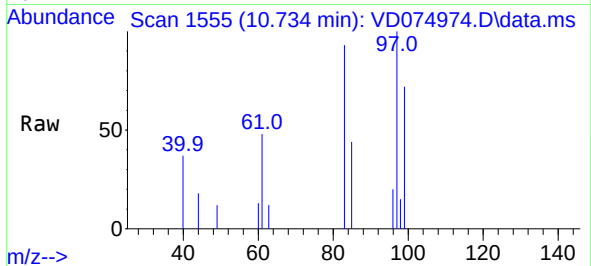




#55
1,1,2-Trichloroethane
Concen: 2.801 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

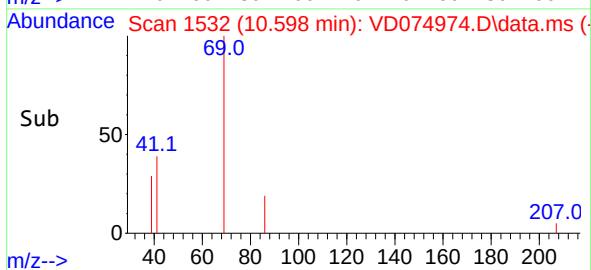
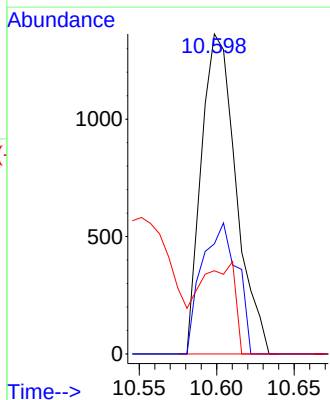
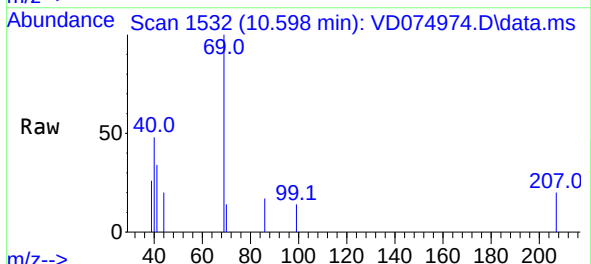
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

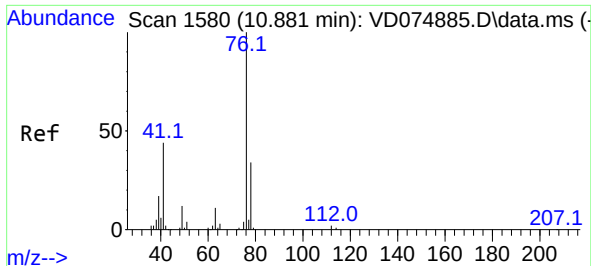
Tgt Ion:	97	Resp:	2659
Ion	Ratio	Lower	Upper
97	100		
83	93.0	64.8	97.2
85	43.5	44.8	67.2#
99	72.5	49.4	74.0



#56
Ethyl methacrylate
Concen: 4.508 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:	69	Resp:	2118
Ion	Ratio	Lower	Upper
69	100		
41	41.7	38.6	58.0
39	28.2	19.9	29.9





#57

1,3-Dichloropropane

Concen: 2.422 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074974.D

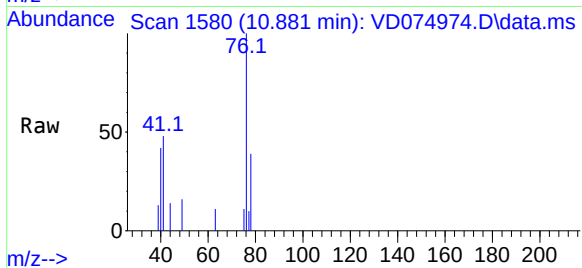
Acq: 17 Nov 2022 17:17

Instrument :

MSVOA_D

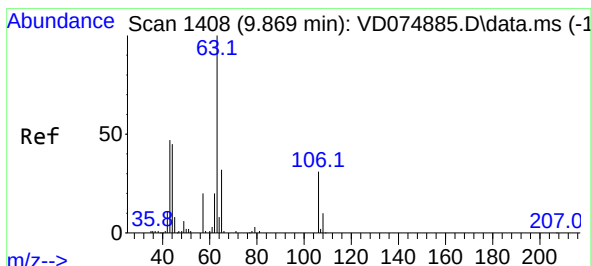
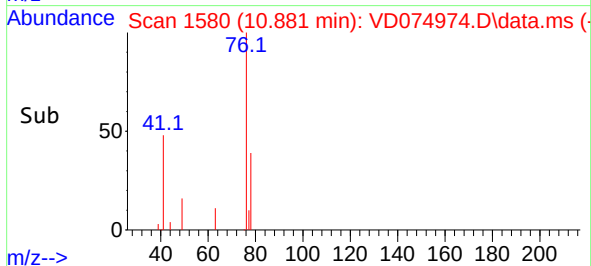
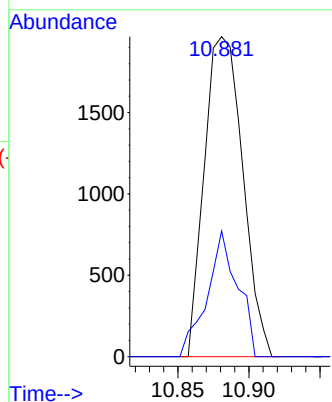
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022



Tgt Ion: 76 Resp: 3697

Ion	Ratio	Lower	Upper
76	100		
78	31.2	25.7	38.5



#58

2-Chloroethyl Vinyl ether

Concen: 27.851 ug/l

RT: 9.869 min Scan# 1408

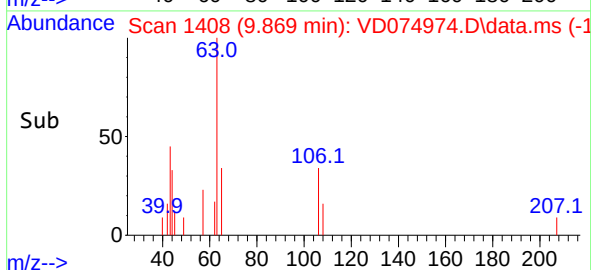
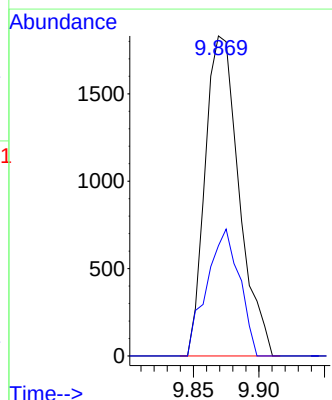
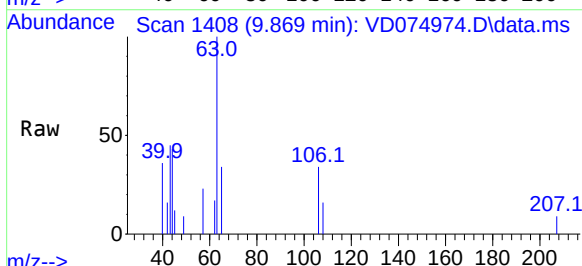
Delta R.T. 0.000 min

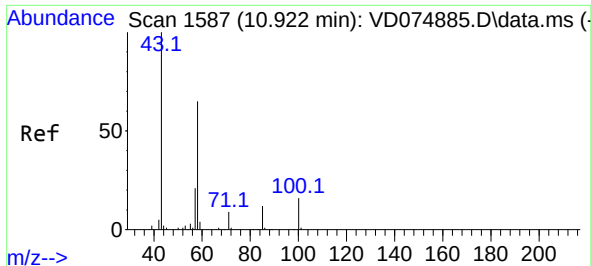
Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

Tgt Ion: 63 Resp: 3294

Ion	Ratio	Lower	Upper
63	100		
106	38.1	26.5	39.7

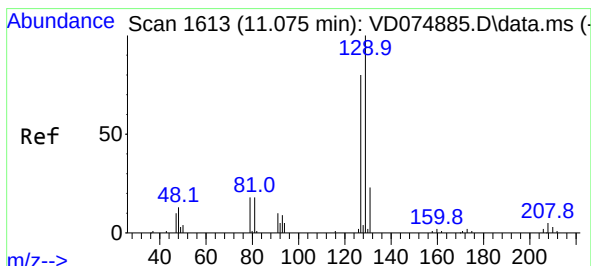
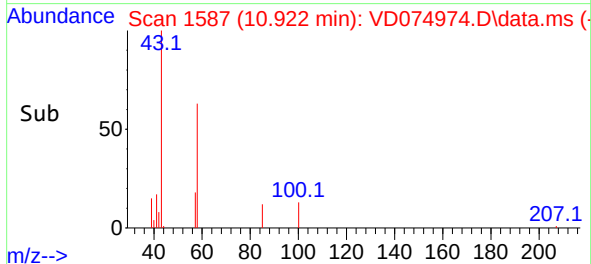
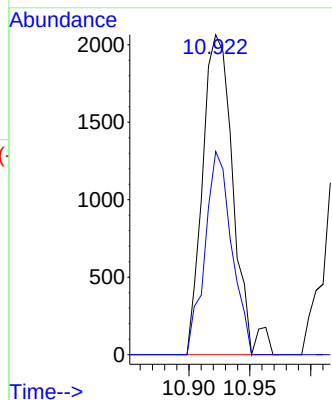
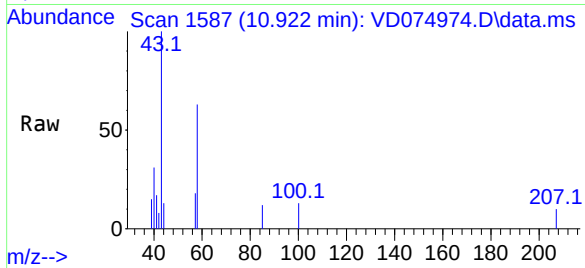




#59
2-Hexanone
Concen: 9.694 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

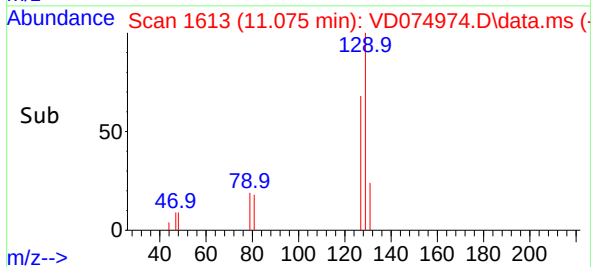
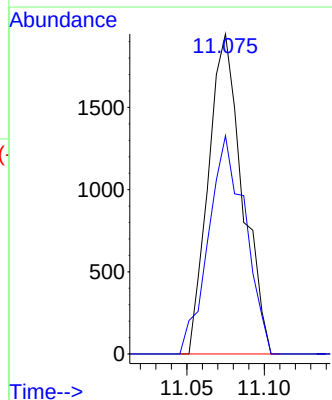
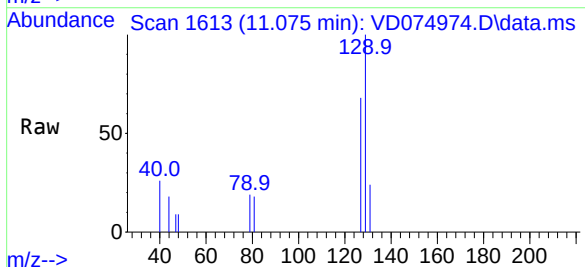
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

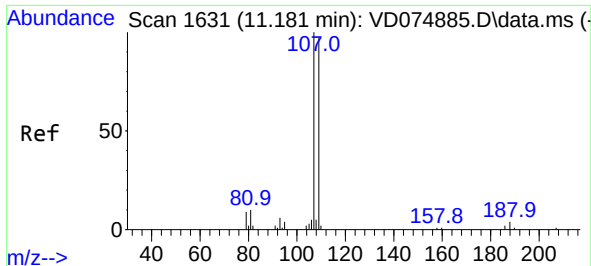
Tgt Ion: 43 Resp: 3593
Ion Ratio Lower Upper
43 100
58 55.5 32.0 96.2



#60
Dibromochloromethane
Concen: 2.635 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 129 Resp: 2968
Ion Ratio Lower Upper
129 100
127 73.6 39.1 117.2

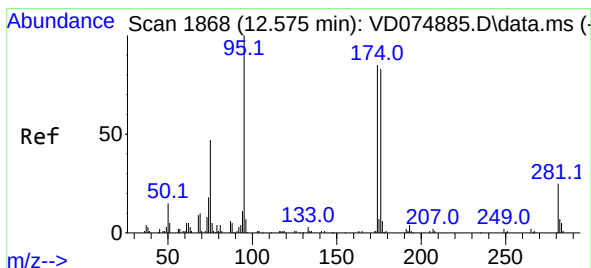
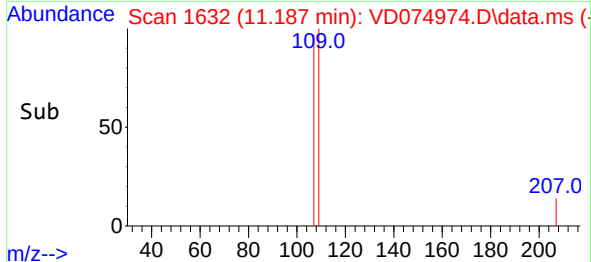
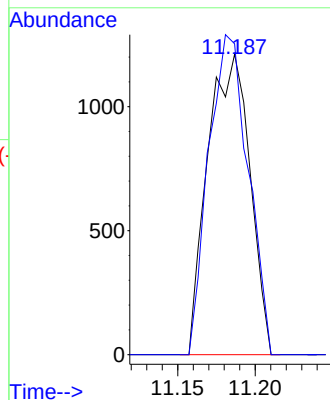
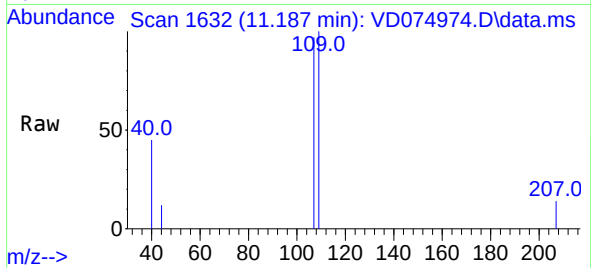




#61
1,2-Dibromoethane
Concen: 2.578 ug/l
RT: 11.187 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

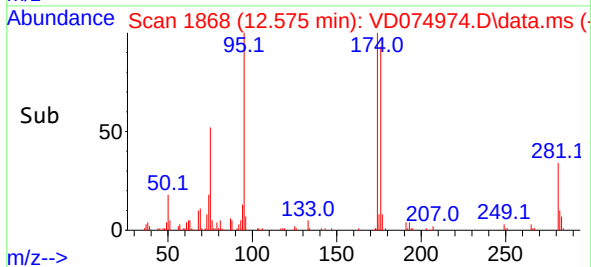
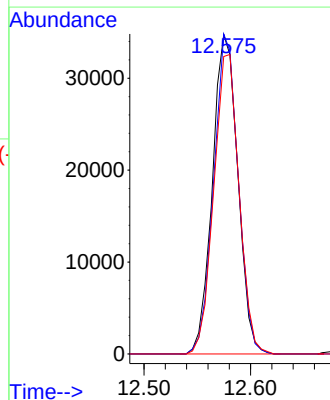
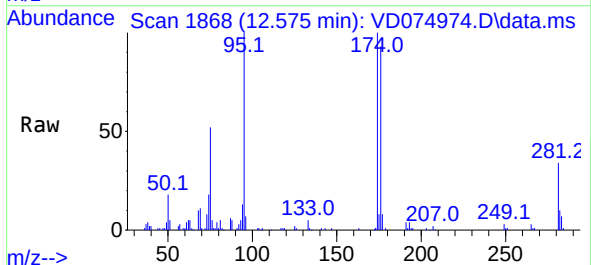
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

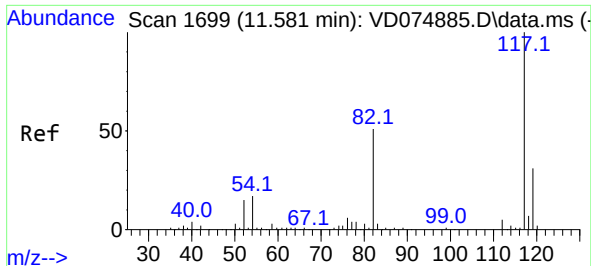
Tgt Ion:107 Resp: 2289
Ion Ratio Lower Upper
107 100
109 100.0 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 44.226 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 95 Resp: 57437
Ion Ratio Lower Upper
95 100
174 96.4 0.0 197.0
176 93.4 0.0 182.6

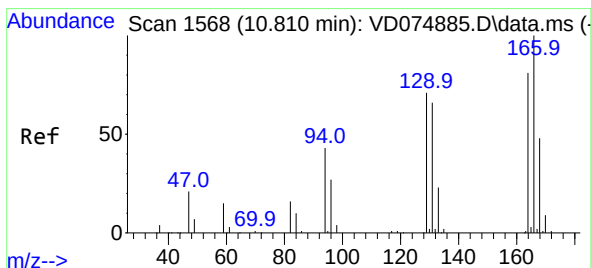
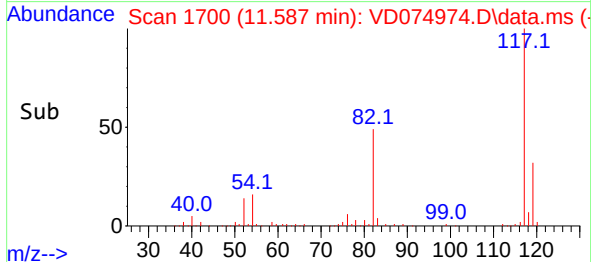
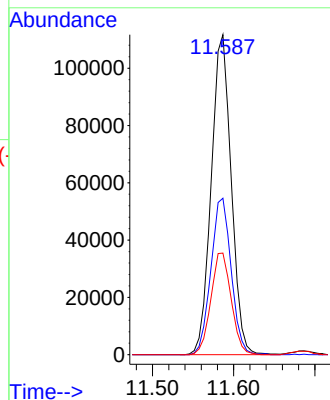
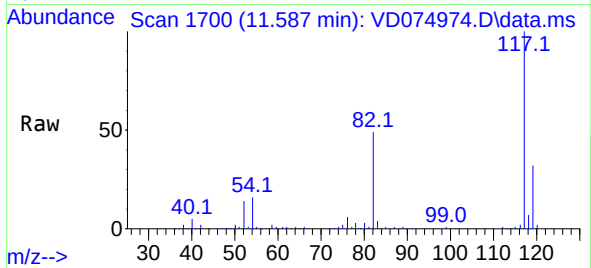




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

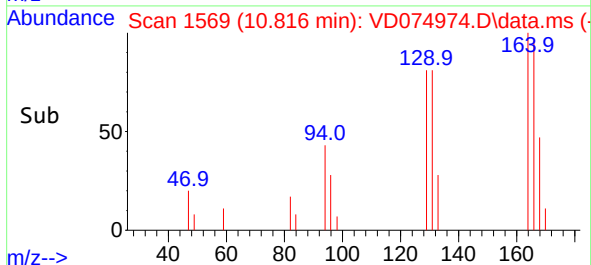
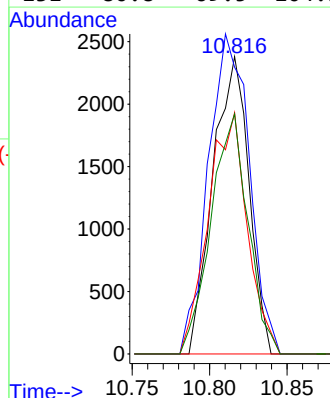
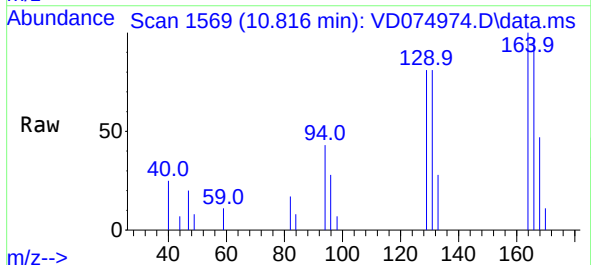
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

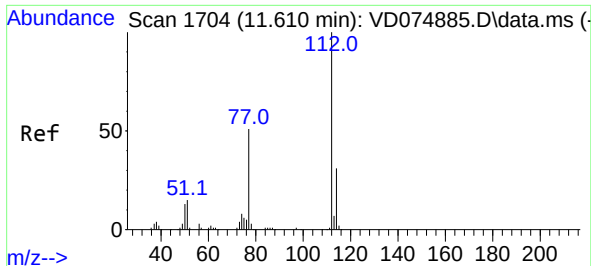
Tgt Ion:117	Resp:	190922	
Ion	Ratio	Lower	Upper
117	100		
82	48.9	41.6	62.4
119	31.8	25.2	37.8



#64
Tetrachloroethene
Concen: 2.995 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt	Ion:164	Resp:	3834
Ion	Ratio	Lower	Upper
164	100		
166	96.4	107.8	161.8#
129	81.2	77.4	116.2
131	80.8	69.5	104.3

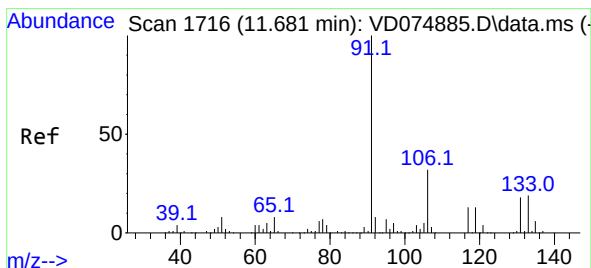
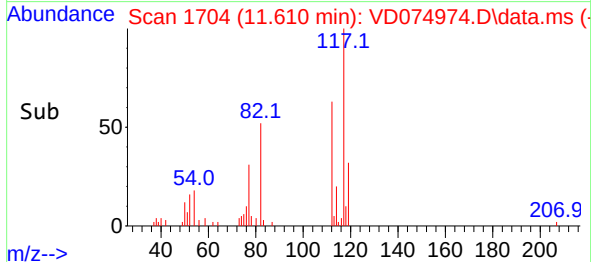
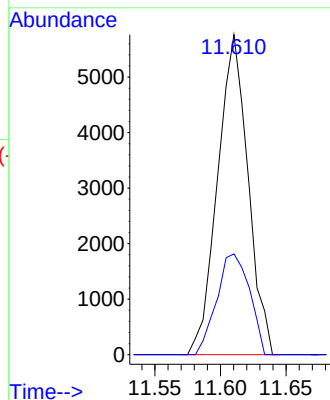
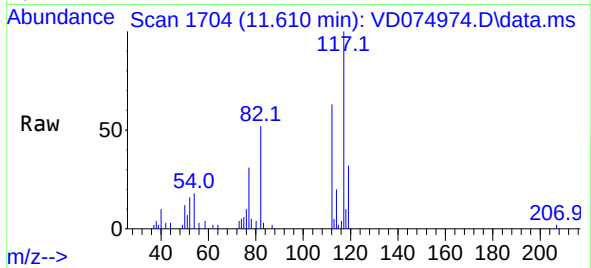




#65
Chlorobenzene
Concen: 2.488 ug/l
RT: 11.610 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

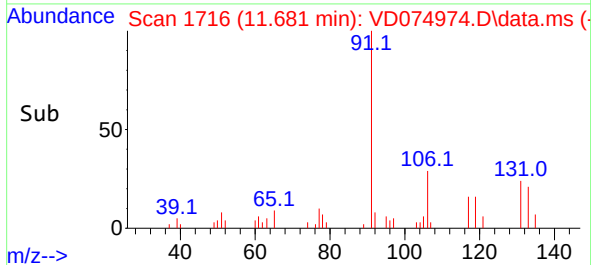
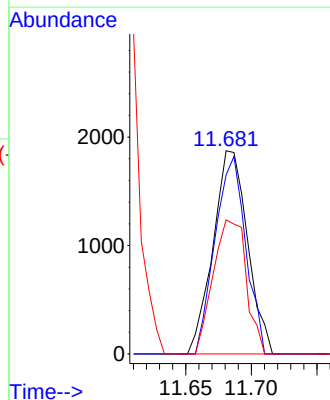
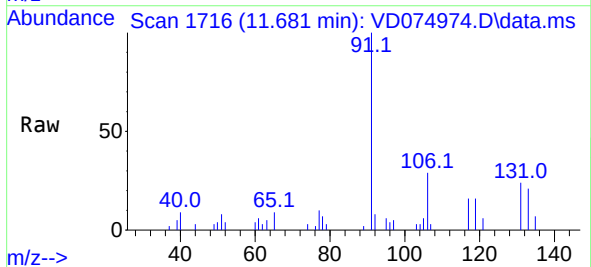
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

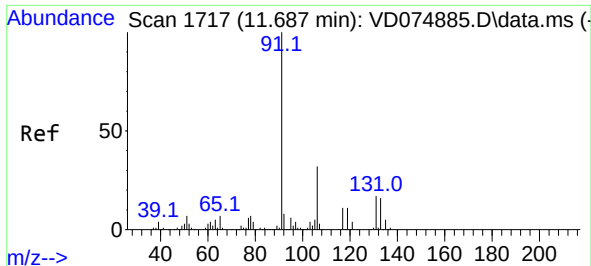
Tgt Ion:112 Resp: 9293
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 2.623 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:131 Resp: 3433
Ion Ratio Lower Upper
131 100
133 86.1 46.6 139.8
119 63.1 32.5 97.4

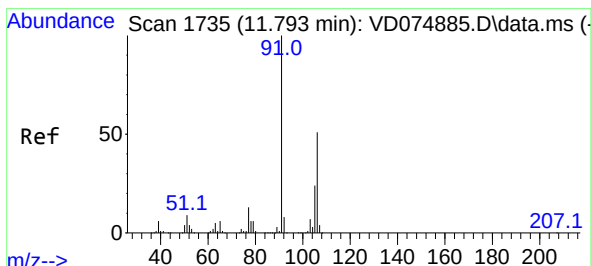
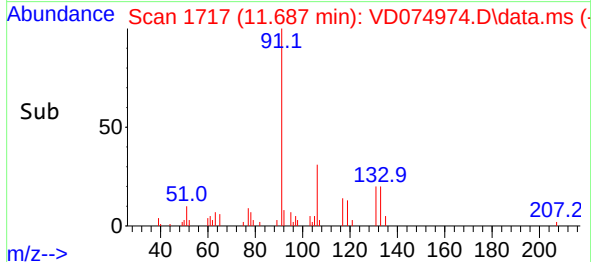
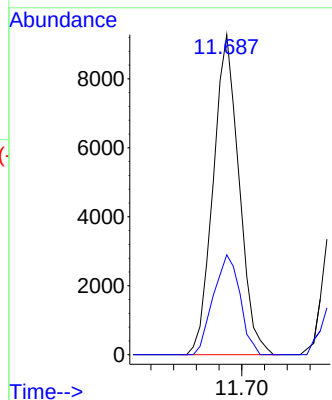
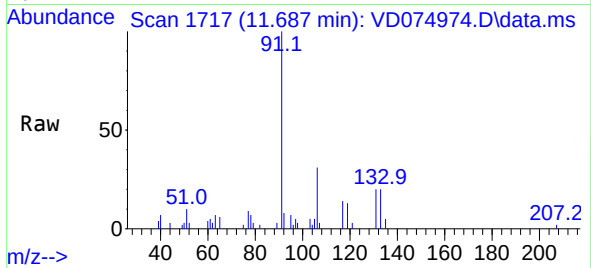




#67
Ethyl Benzene
Concen: 2.256 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

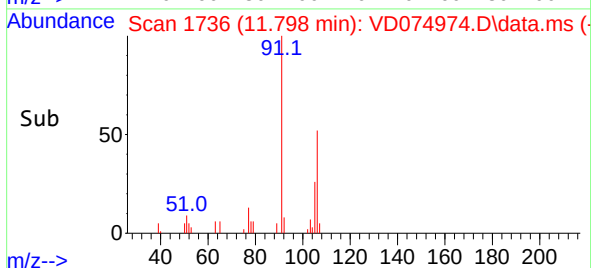
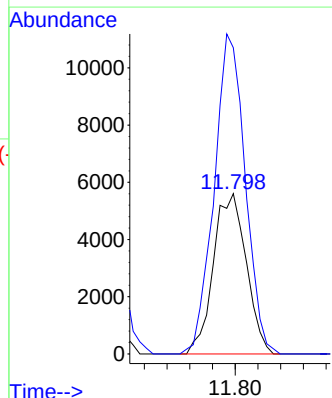
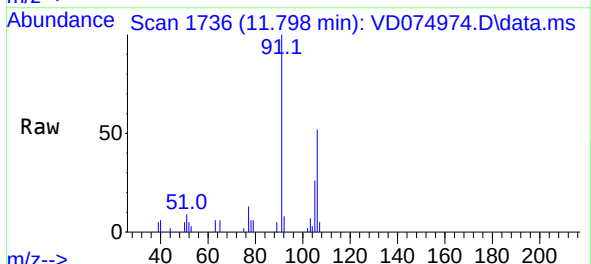
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

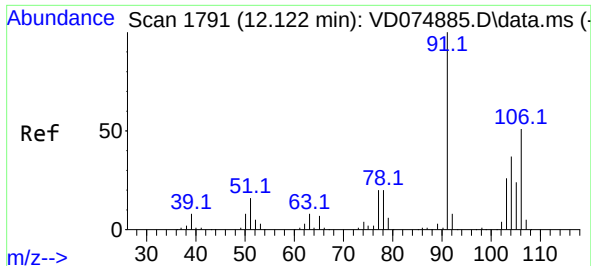
Tgt Ion: 91 Resp: 14680
Ion Ratio Lower Upper
91 100
106 31.2 26.6 40.0



#68
m/p-Xylenes
Concen: 4.333 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.005 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 106 Resp: 11241
Ion Ratio Lower Upper
106 100
91 189.1 156.2 234.4

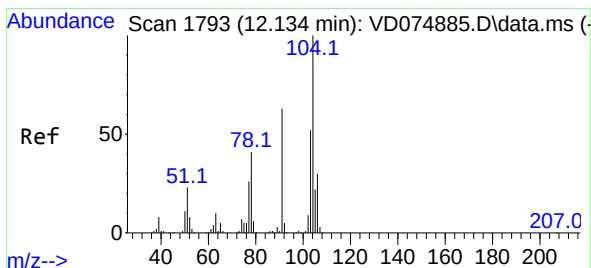
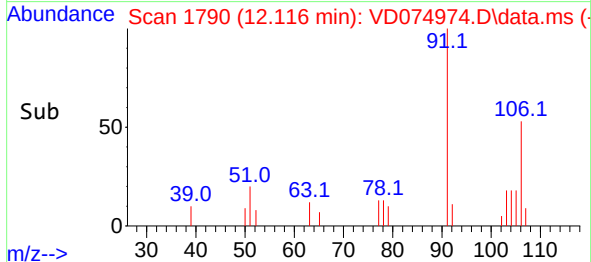
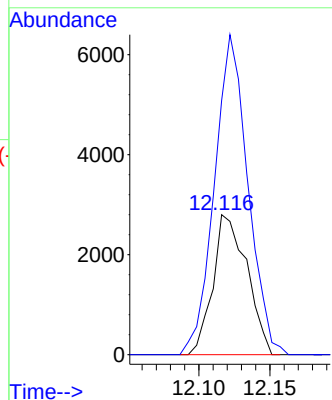
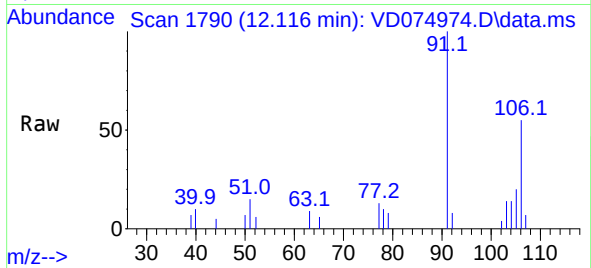




#69
o-Xylene
Concen: 1.951 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

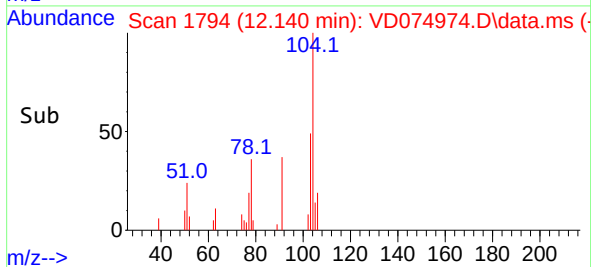
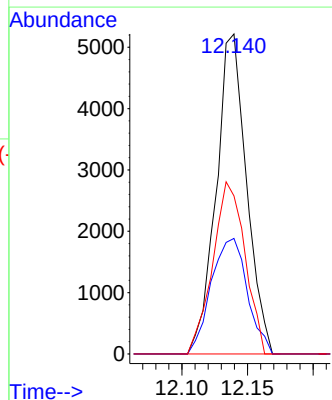
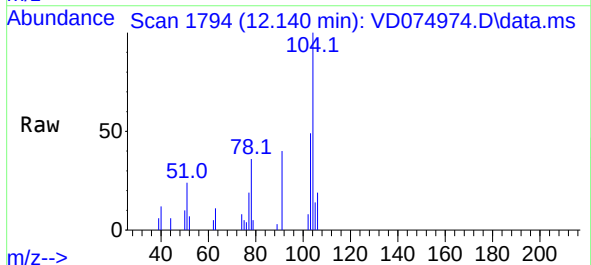
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

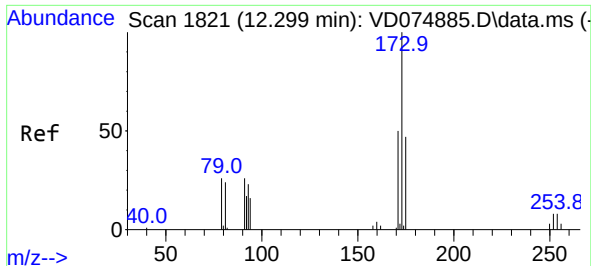
Tgt Ion:106 Resp: 4657
Ion Ratio Lower Upper
106 100
91 225.5 104.5 313.3



#70
Styrene
Concen: 2.055 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:104 Resp: 8410
Ion Ratio Lower Upper
104 100
78 42.9 35.7 53.5
103 57.0 43.7 65.5

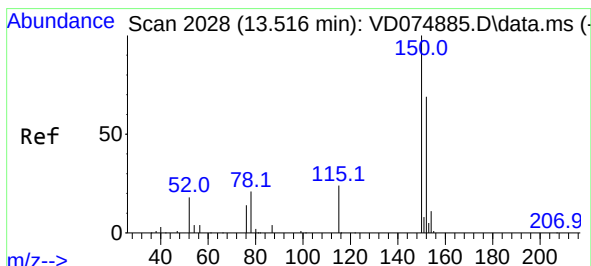
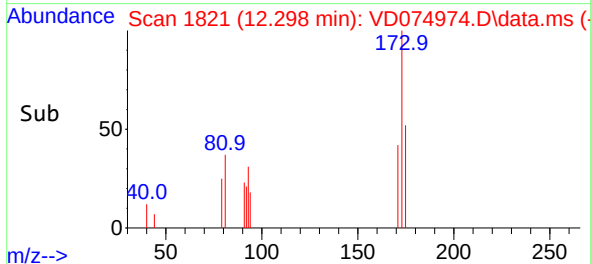
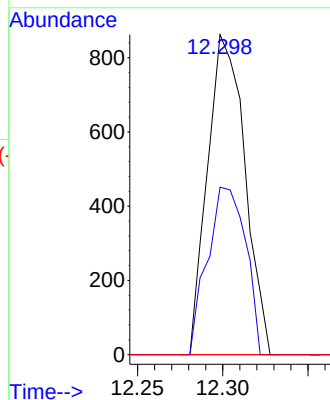
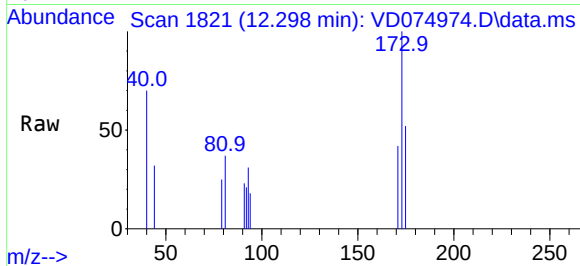




#71
Bromoform
Concen: 1.934 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.001 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

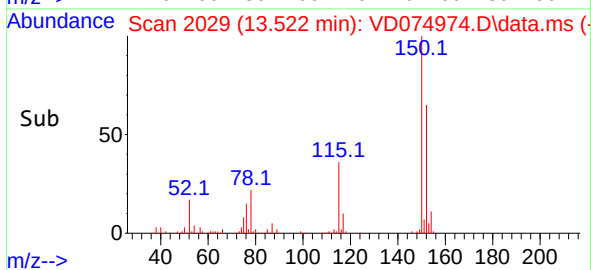
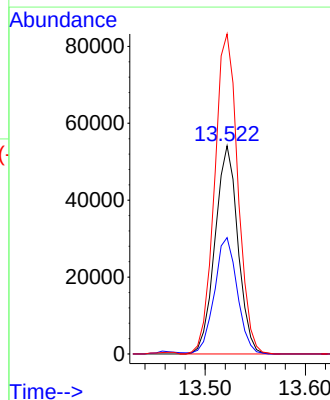
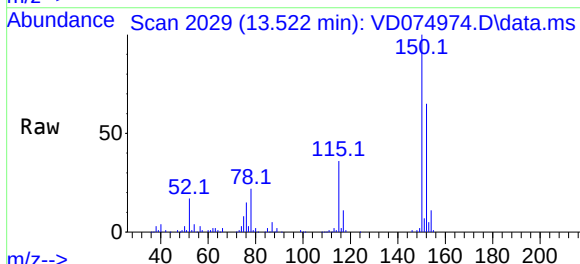
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

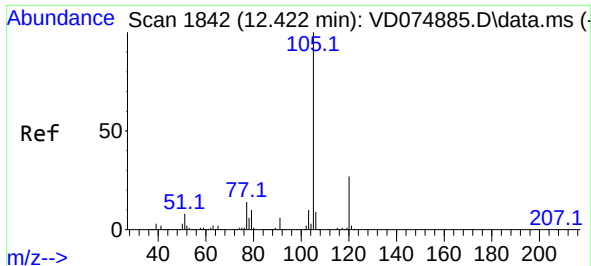
Tgt Ion:	173	Resp:	1310
Ion	Ratio	Lower	Upper
173	100		
175	53.7	23.1	69.3
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:	152	Resp:	85520
Ion	Ratio	Lower	Upper
152	100		
115	56.1	26.8	80.4
150	156.8	0.0	348.2

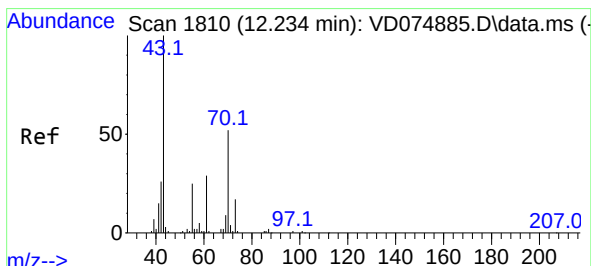
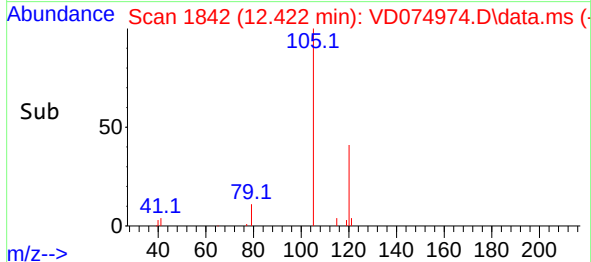
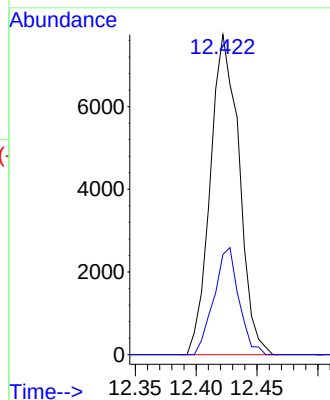
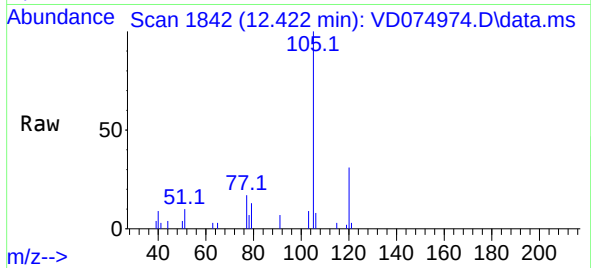




#73
Isopropylbenzene
Concen: 2.165 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

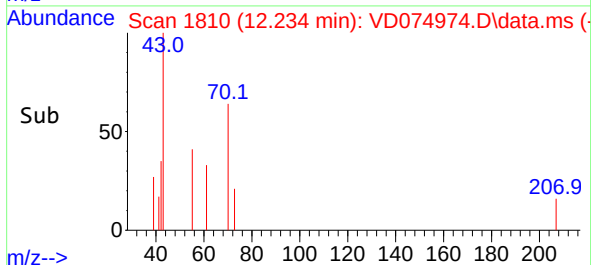
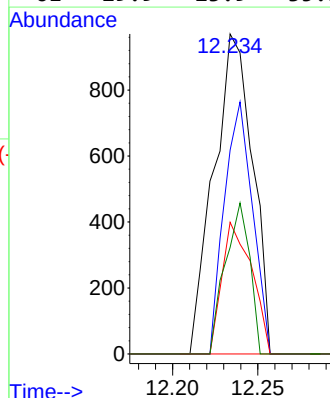
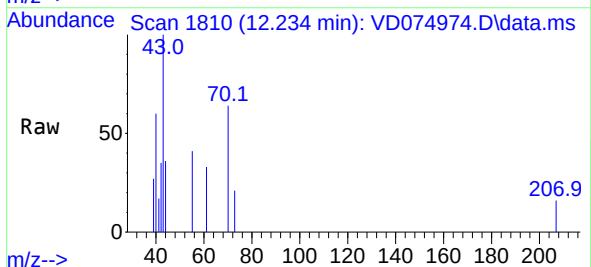
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

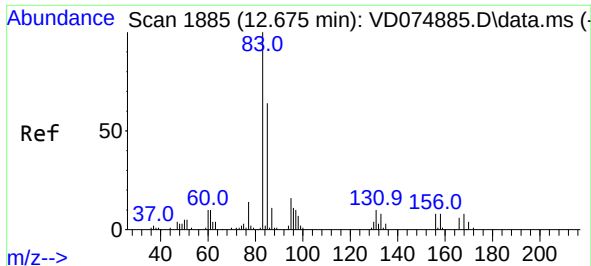
Tgt Ion:105 Resp: 12746
Ion Ratio Lower Upper
105 100
120 29.0 13.5 40.4



#74
N-ethyl acetate
Concen: 1.583 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
70 57.3 43.8 65.6
55 31.6 22.0 33.0
61 29.9 23.9 35.9

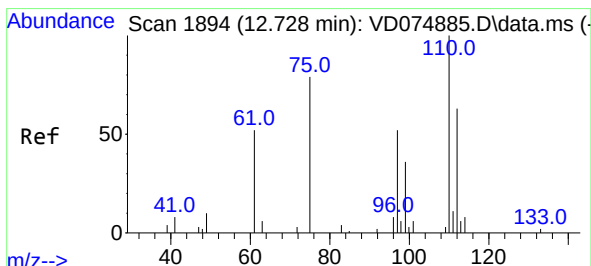
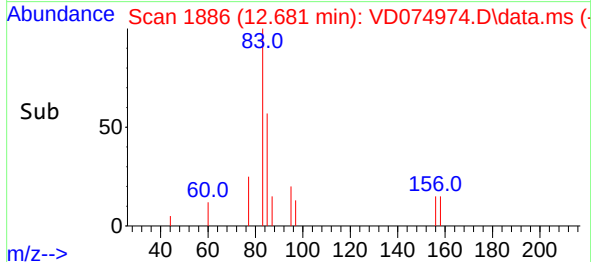
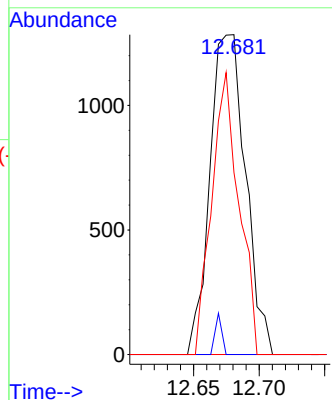
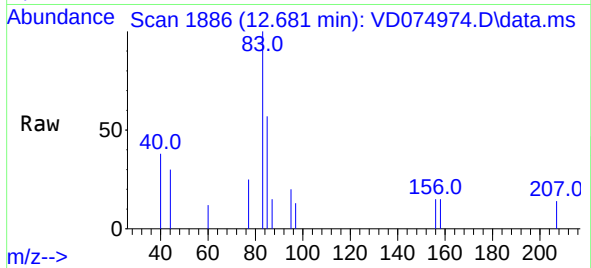




#75
1,1,2,2-Tetrachloroethane
Concen: 2.332 ug/l
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

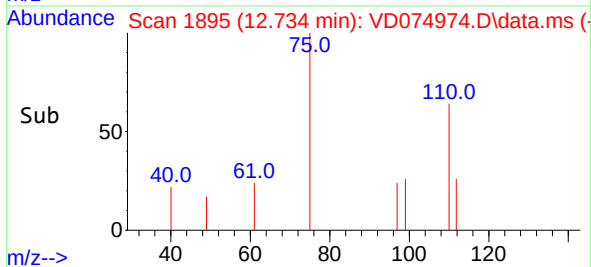
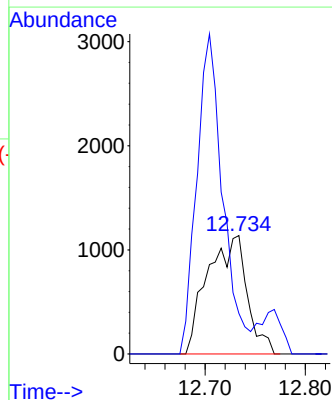
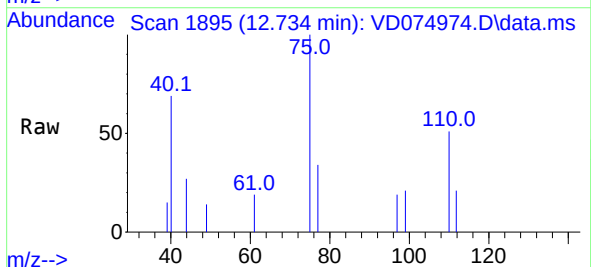
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

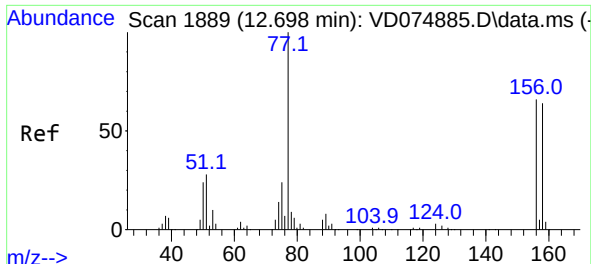
Tgt Ion: 83 Resp: 2428
Ion Ratio Lower Upper
83 100
131 2.4 4.7 14.1#
85 67.3 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 4.376 ug/l
RT: 12.734 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 75 Resp: 3130
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

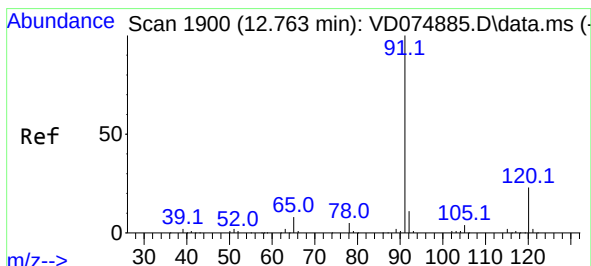
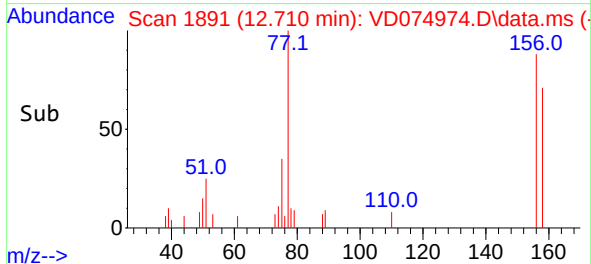
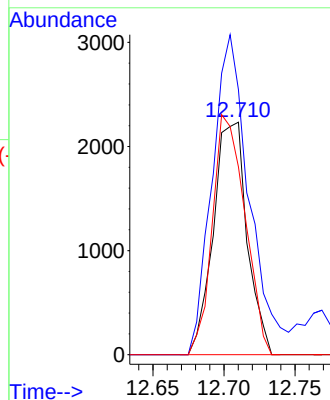
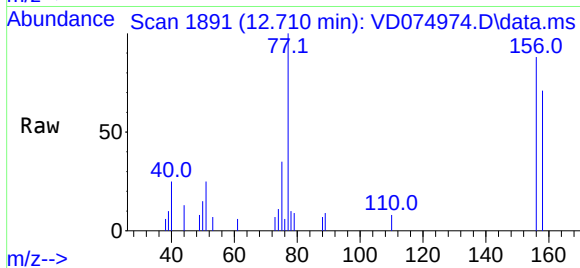




#77
Bromobenzene
Concen: 2.677 ug/l
RT: 12.710 min Scan# 1889
Delta R.T. 0.012 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

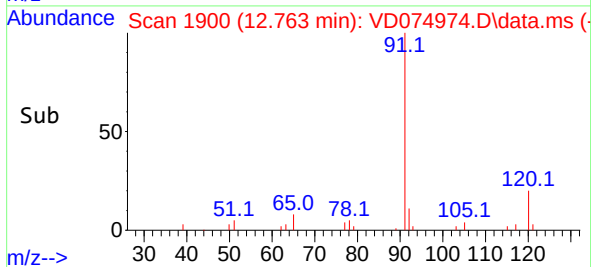
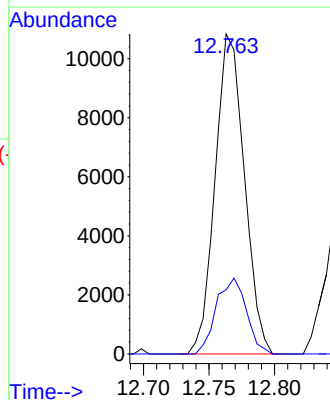
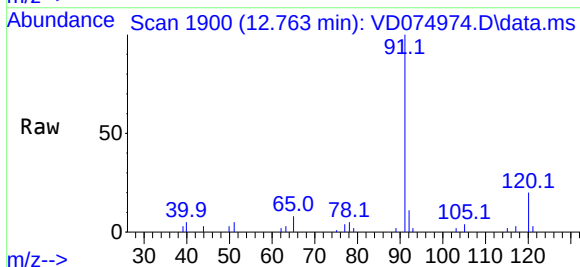
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

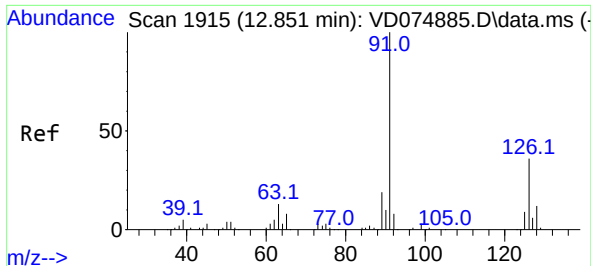
Tgt Ion:	156	Resp:	3687
Ion	Ratio	Lower	Upper
156	100		
77	151.1	77.7	233.1
158	99.8	49.4	148.2



#78
n-propylbenzene
Concen: 2.322 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:	91	Resp:	16803
Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.7

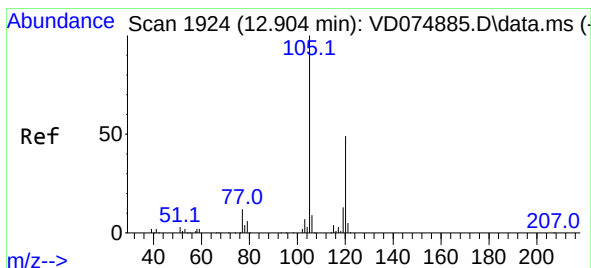
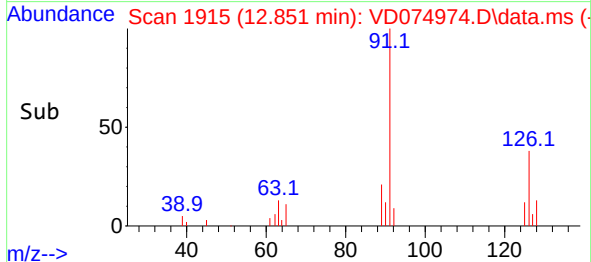
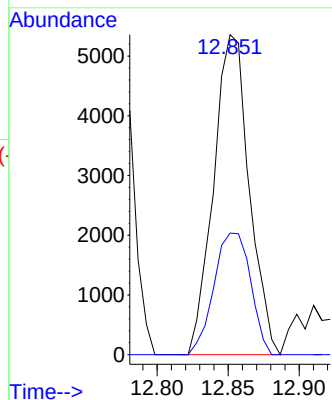
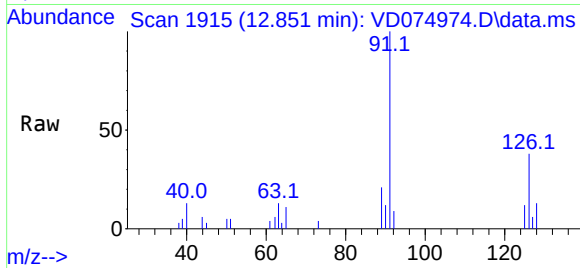




#79
2-Chlorotoluene
Concen: 2.400 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

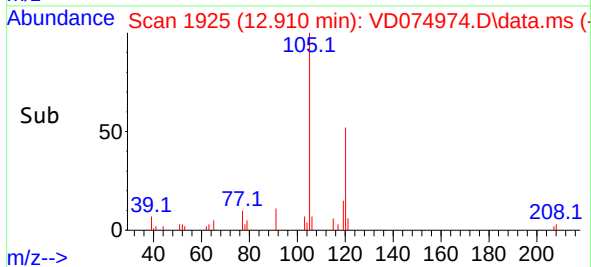
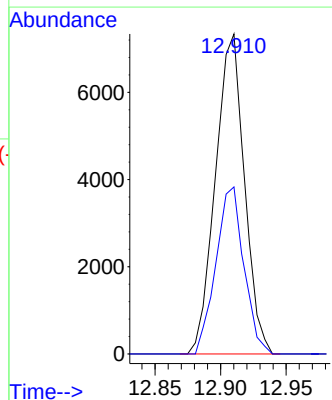
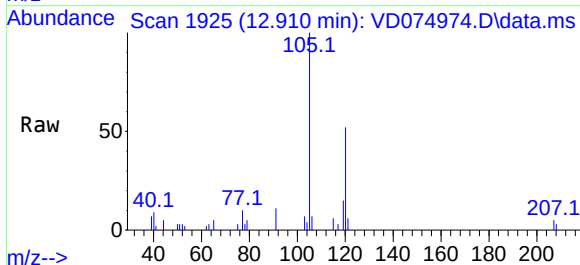
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

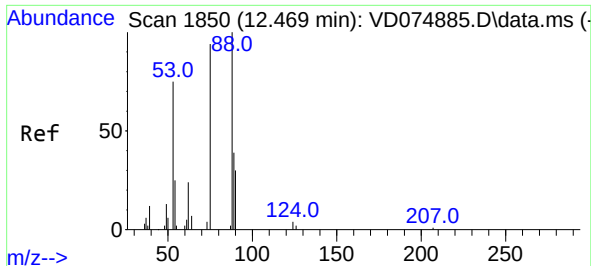
Tgt Ion: 91 Resp: 9355
Ion Ratio Lower Upper
91 100
126 39.1 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 2.299 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 105 Resp: 11278
Ion Ratio Lower Upper
105 100
120 50.3 25.7 77.0

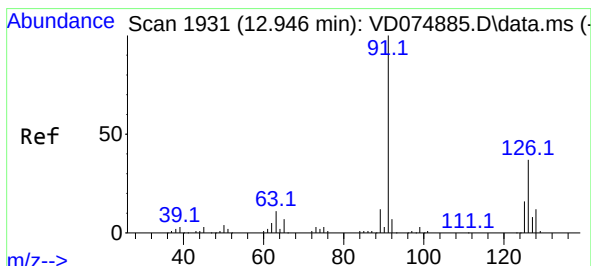
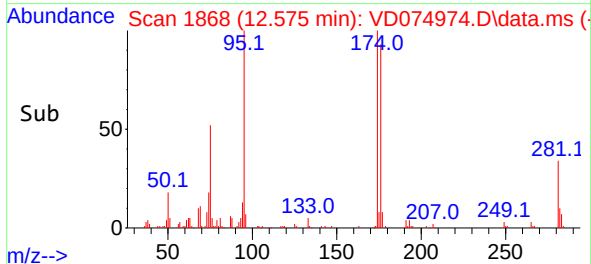
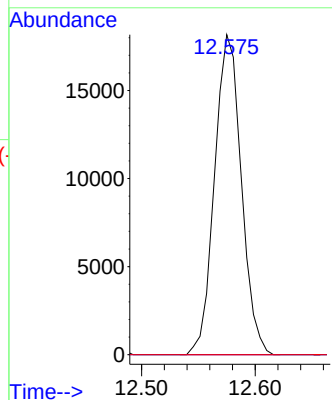
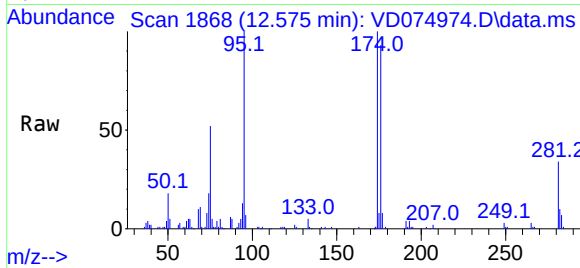




#81
trans-1,4-Dichloro-2-butene
Concen: 102.244 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

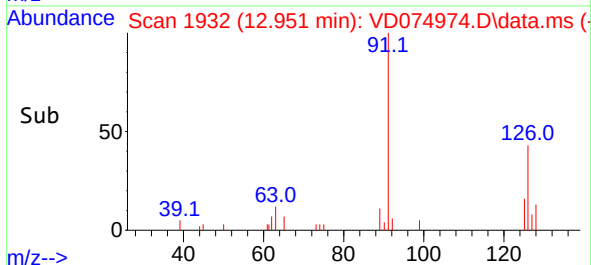
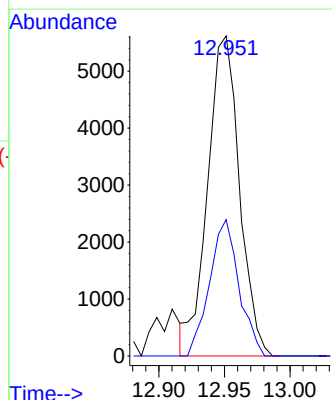
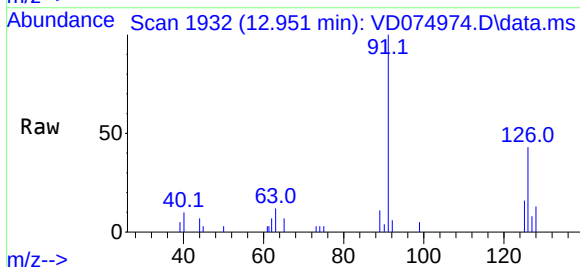
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

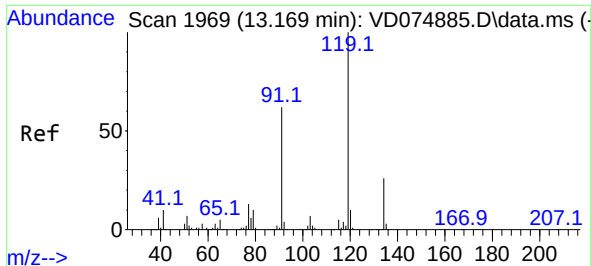
Tgt Ion: 75 Resp: 29729
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 2.341 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.005 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion: 91 Resp: 9504
Ion Ratio Lower Upper
91 100
126 39.3 18.8 56.4

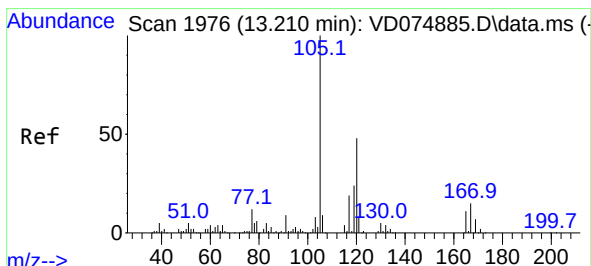
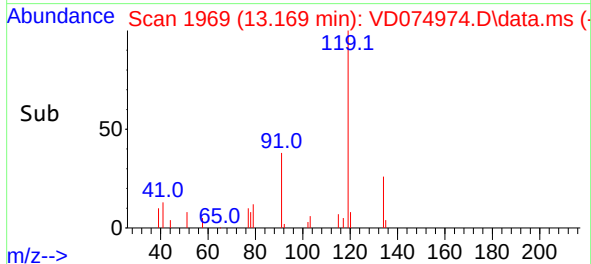
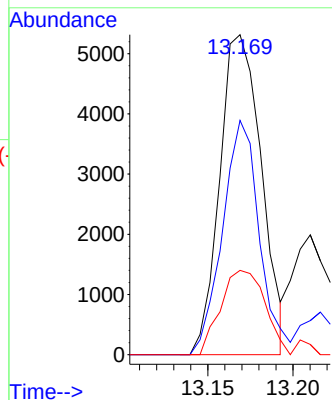
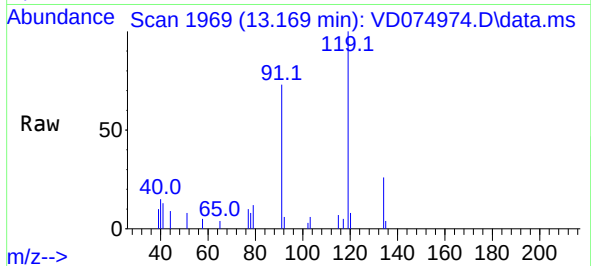




#83
tert-Butylbenzene
Concen: 2.129 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

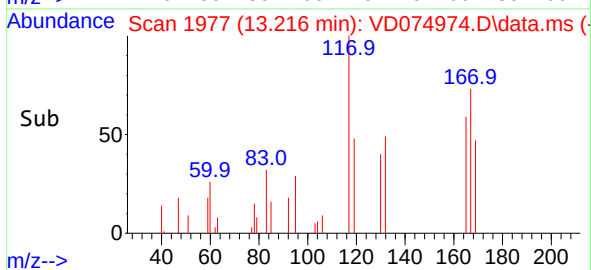
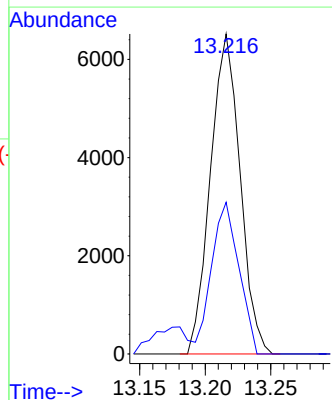
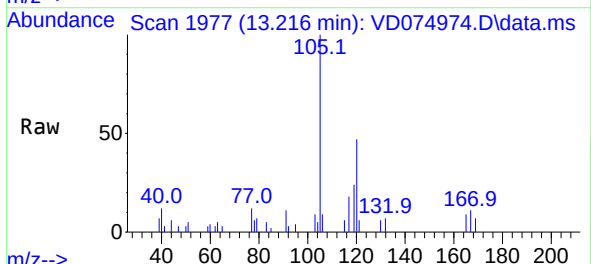
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

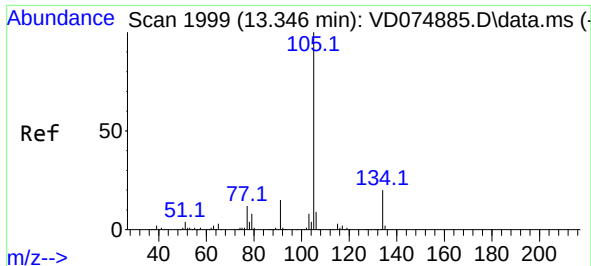
Tgt Ion:119	Resp:	9059
Ion	Ratio	Lower Upper
119	100	
91	64.6	30.0 90.0
134	28.0	13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 2.113 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:105	Resp:	10249
Ion	Ratio	Lower Upper
105	100	
120	43.5	22.9 68.7

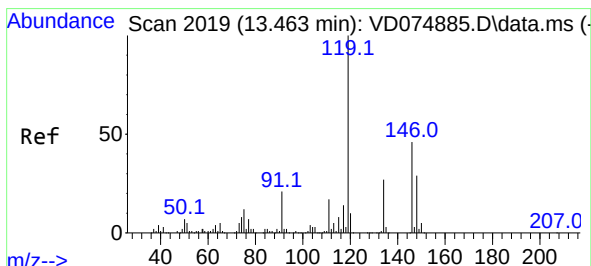
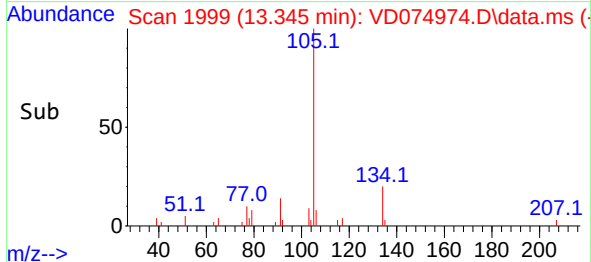
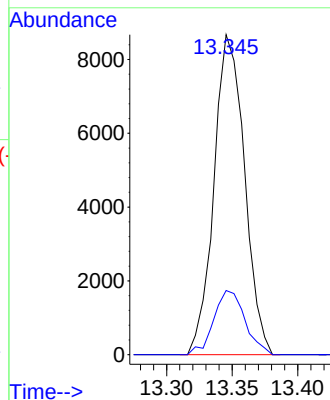
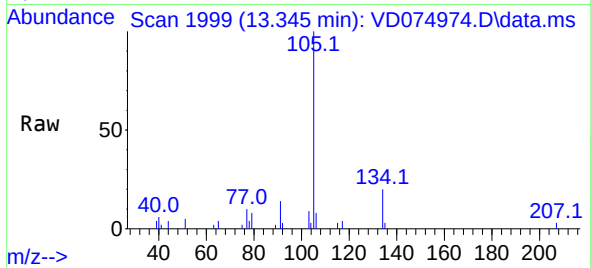




#85
 sec-Butylbenzene
 Concen: 2.171 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.001 min
 Lab File: VD074974.D
 Acq: 17 Nov 2022 17:17

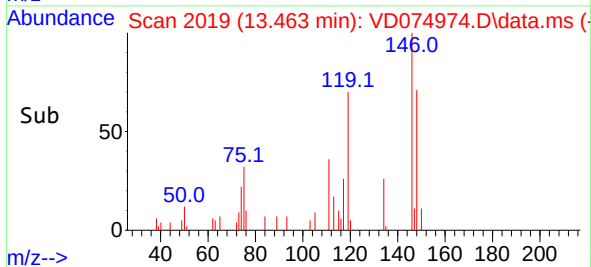
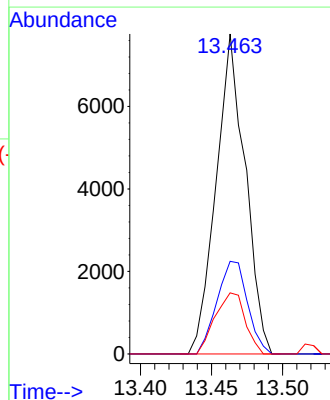
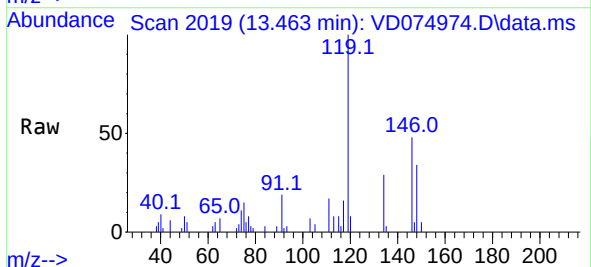
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

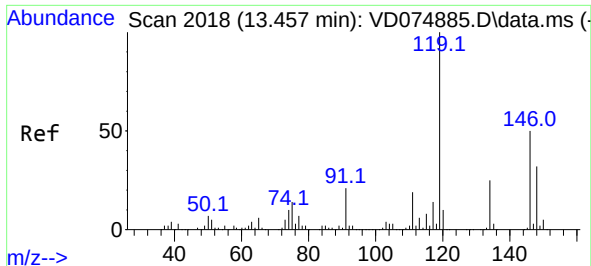
Tgt Ion:105 Resp: 14054
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 2.057 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD074974.D
 Acq: 17 Nov 2022 17:17

Tgt Ion:119 Resp: 11073
 Ion Ratio Lower Upper
 119 100
 134 30.3 13.5 40.4
 91 19.7 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 2.334 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

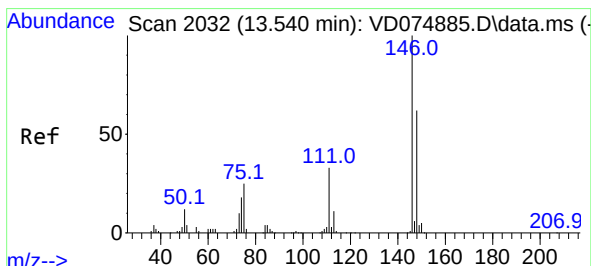
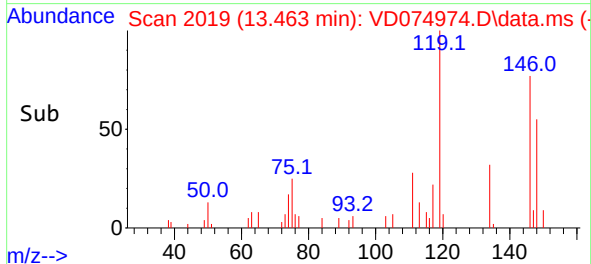
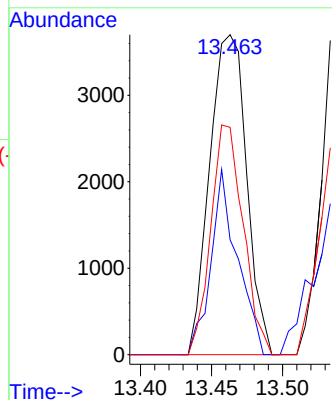
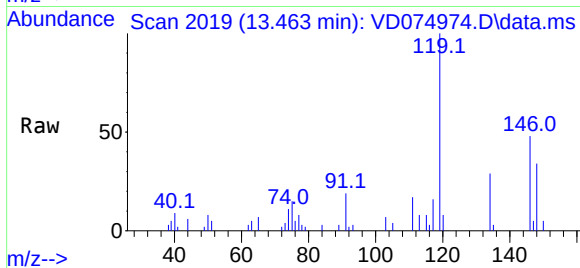
Tgt Ion:146 Resp: 6688

Ion Ratio Lower Upper

146 100

111 41.4 18.3 54.8

148 63.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 2.352 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.077 min

Lab File: VD074974.D

Acq: 17 Nov 2022 17:17

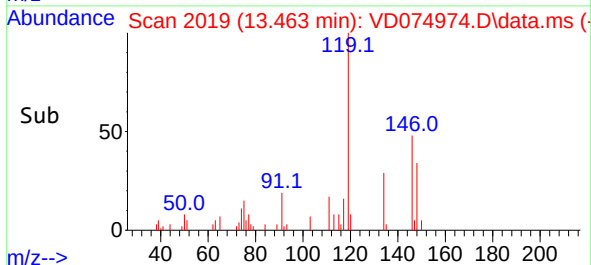
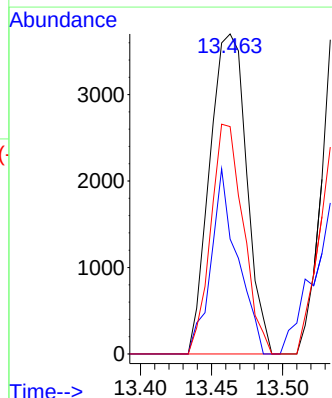
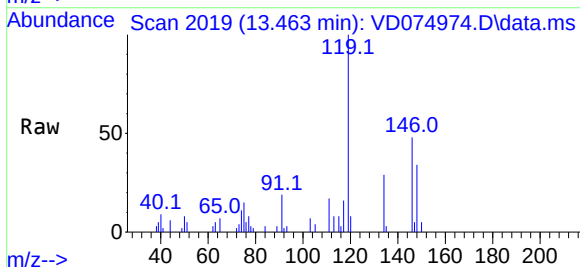
Tgt Ion:146 Resp: 6688

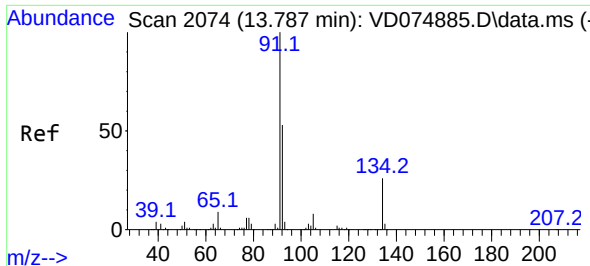
Ion Ratio Lower Upper

146 100

111 41.4 17.7 53.1

148 63.1 32.3 96.9

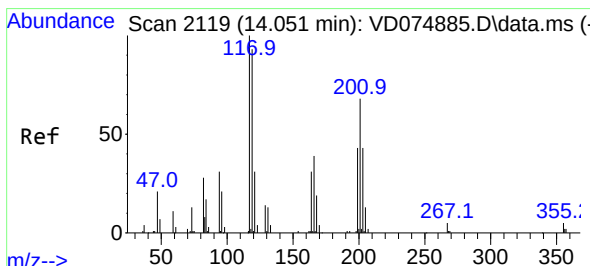
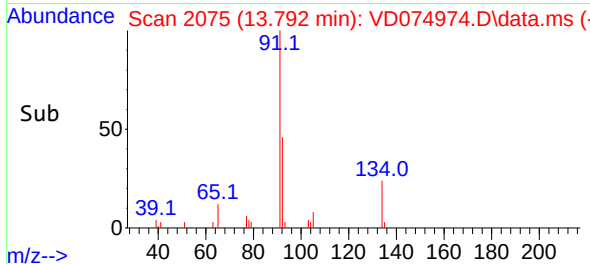
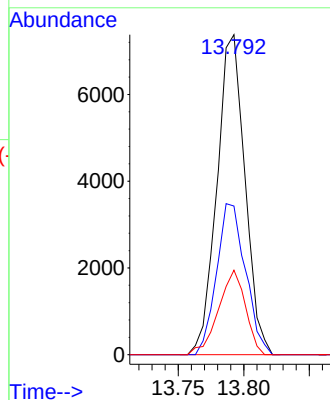
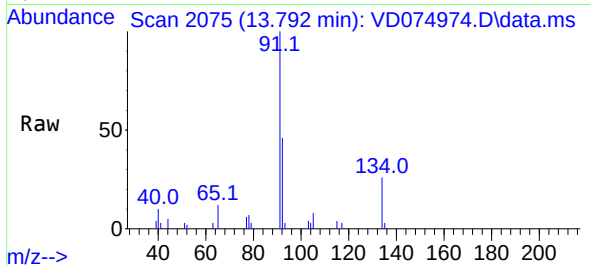




#89
n-Butylbenzene
Concen: 2.191 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.005 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

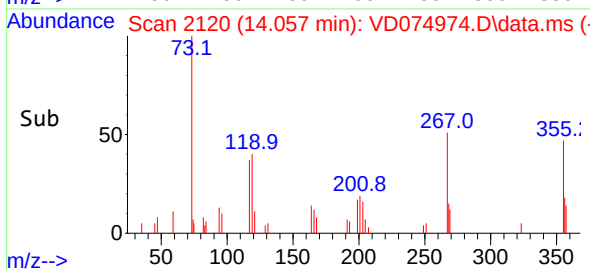
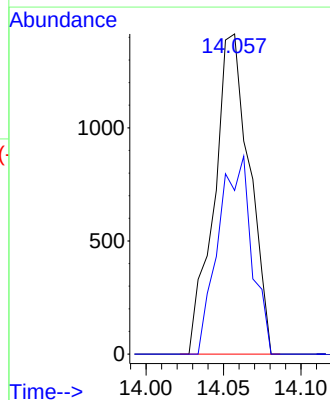
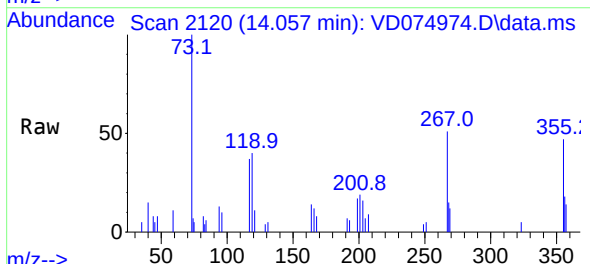
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

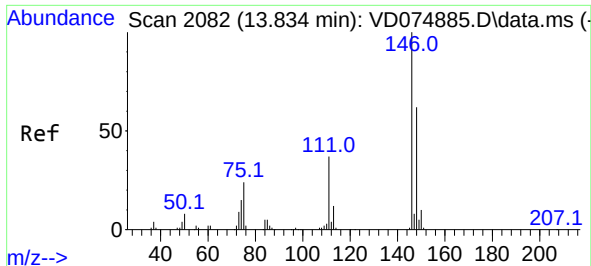
Tgt Ion:	91	Resp:	10947
Ion	Ratio	Lower	Upper
91	100		
92	48.7	26.9	80.7
134	25.4	13.4	40.2



#90
Hexachloroethane
Concen: 2.331 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:	117	Resp:	2247
Ion	Ratio	Lower	Upper
117	100		
201	58.3	38.0	114.0

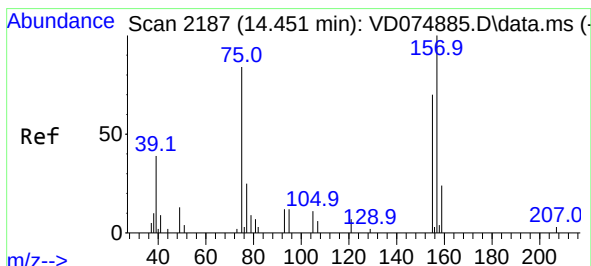
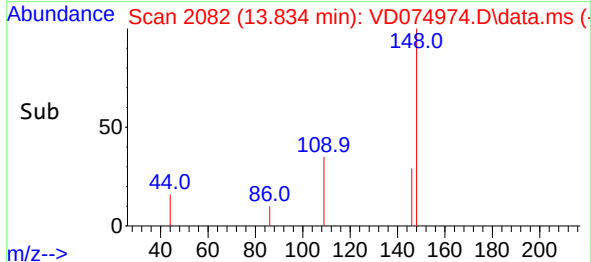
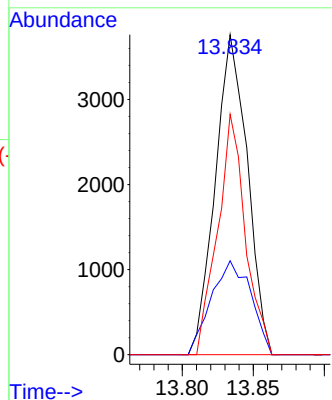
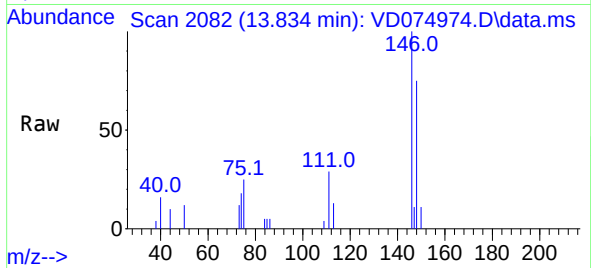




#91
1,2-Dichlorobenzene
Concen: 2.429 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

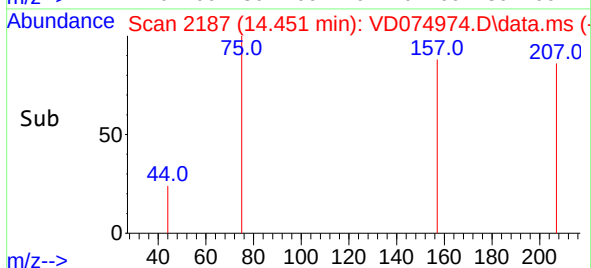
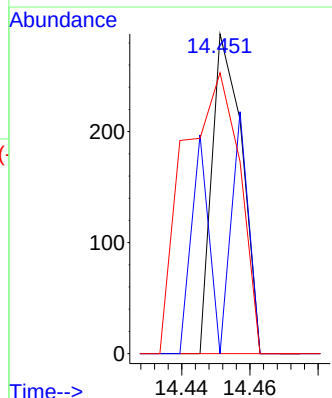
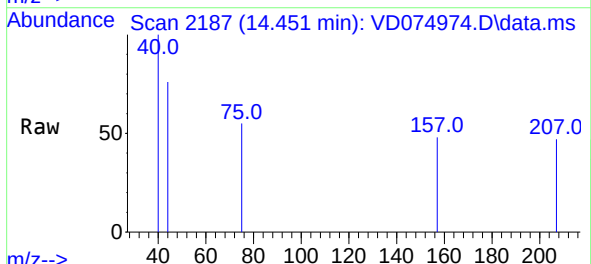
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

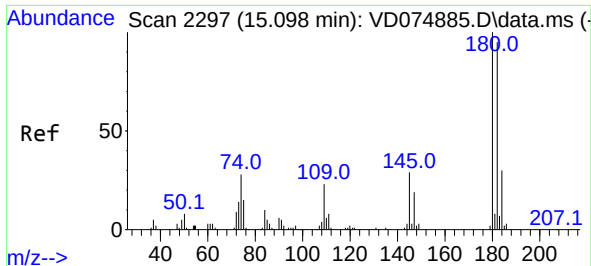
Tgt Ion:	146	Resp:	5918
Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.9	56.5
148	65.0	31.9	95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.226 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:	75	Resp:	176
Ion	Ratio	Lower	Upper
75	100		
155	83.0	51.2	153.8
157	163.1	68.2	204.5

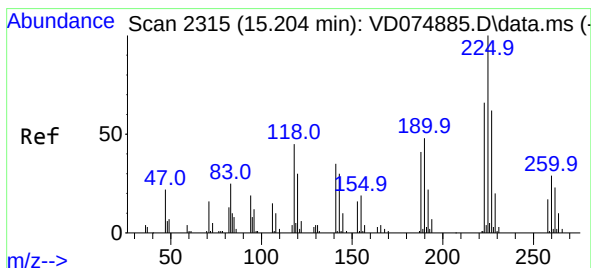
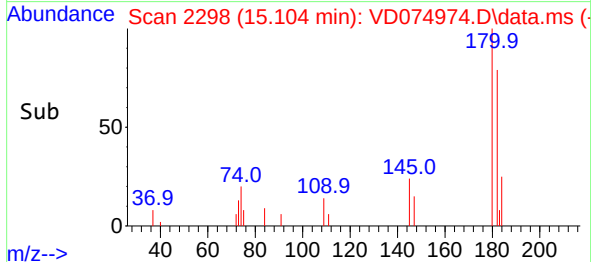
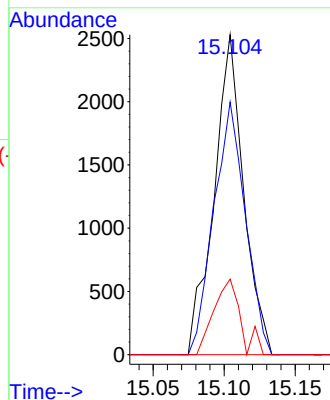
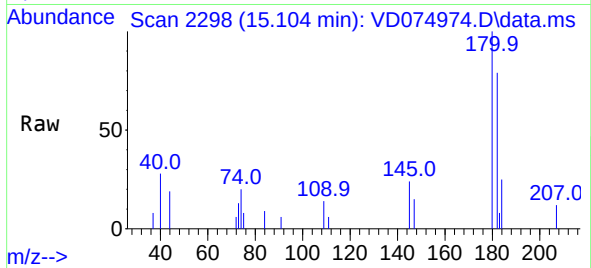




#93
1,2,4-Trichlorobenzene
Concen: 2.470 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

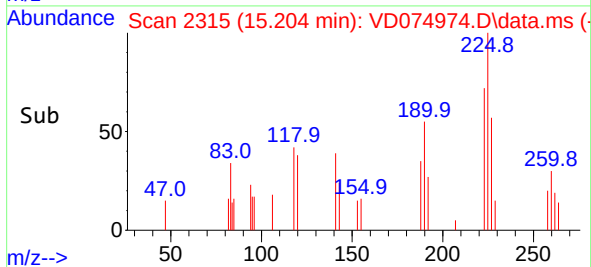
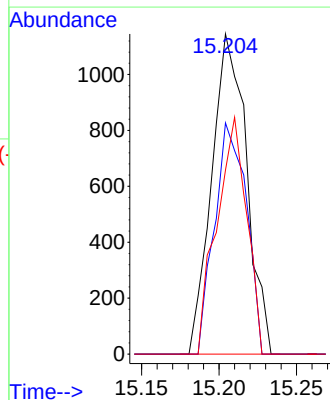
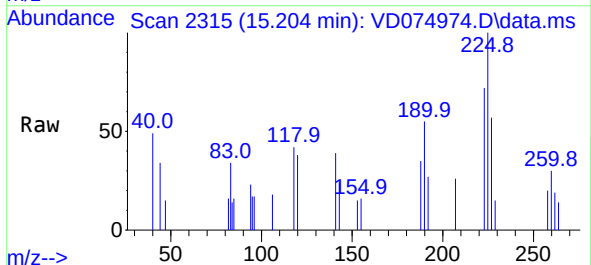
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

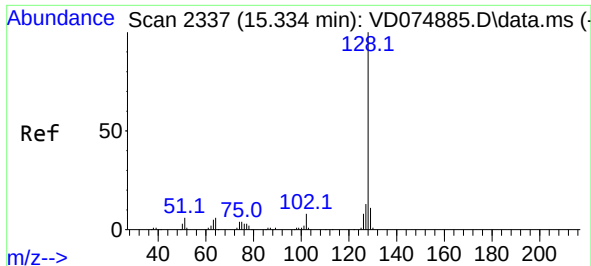
Tgt Ion:180 Resp: 3663
Ion Ratio Lower Upper
180 100
182 84.5 46.9 140.6
145 21.3 14.1 42.3



#94
Hexachlorobutadiene
Concen: 2.340 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:225 Resp: 1790
Ion Ratio Lower Upper
225 100
223 65.9 31.9 95.5
227 63.5 32.6 97.8

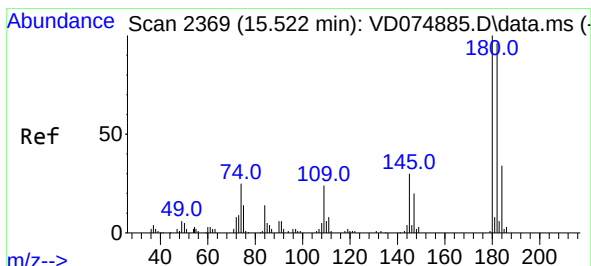
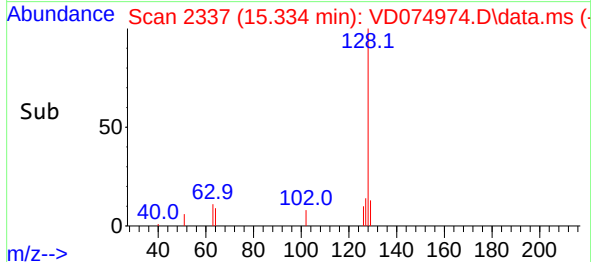
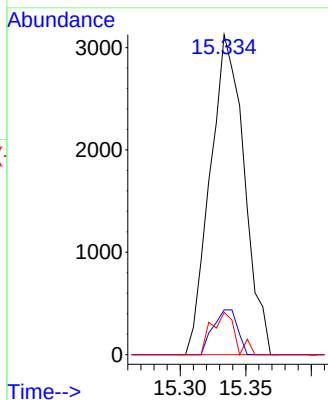
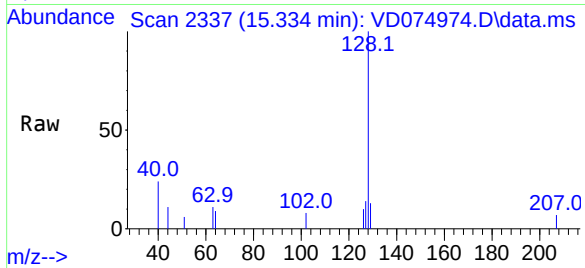




#95
Naphthalene
Concen: 2.051 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

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

Tgt Ion:	128	Resp:	5647
Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.6	16.0#
129	9.2	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 2.093 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD074974.D
Acq: 17 Nov 2022 17:17

Tgt Ion:	180	Resp:	2684
Ion	Ratio	Lower	Upper
180	100		
182	107.1	46.7	140.1
145	28.1	14.9	44.7

