

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074218.D
 Acq On : 24 Aug 2022 12:42
 Operator : VA/SY
 Sample : N3980-01 4PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Aug 25 06:54:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 25 06:53:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	139575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	232972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	219978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	113967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	71561	50.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.340%
35) Dibromofluoromethane	7.908	113	77730	49.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.332	98	229344	45.729	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.620	95	96077	48.491	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	7020	5.994	ug/l	95
3) Chloromethane	2.209	50	4312	5.167	ug/l	90
4) Vinyl Chloride	2.350	62	4267	4.871	ug/l #	86
5) Bromomethane	2.767	94	3202	5.660	ug/l	82
6) Chloroethane	2.920	64	2585	4.547	ug/l #	85
7) Trichlorofluoromethane	3.267	101	12530	4.923	ug/l	90
8) Diethyl Ether	3.709	74	3024	4.422	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	7461	4.845	ug/l	94
10) Methyl Iodide	4.297	142	5537	3.278	ug/l #	79
11) Tert butyl alcohol	5.232	59	2490	28.036	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	5802	4.213	ug/l #	73
13) Acrolein	3.926	56	805	19.308	ug/l	91
14) Allyl chloride	4.703	41	9142	4.240	ug/l	94
15) Acrylonitrile	5.426	53	6762	21.265	ug/l	97
16) Acetone	4.156	43	6879	25.316	ug/l	96
17) Carbon Disulfide	4.403	76	15416	3.824	ug/l	97
18) Methyl Acetate	4.708	43	5424	6.332	ug/l #	86
19) Methyl tert-butyl Ether	5.479	73	13681	4.148	ug/l	96
20) Methylene Chloride	4.956	84	22815	10.719	ug/l	89
21) trans-1,2-Dichloroethene	5.461	96	7332	4.553	ug/l #	81
22) Diisopropyl ether	6.355	45	16137	3.650	ug/l	95
23) Vinyl Acetate	6.297	43	27960	12.371	ug/l #	90
24) 1,1-Dichloroethane	6.250	63	13389	4.593	ug/l #	90
25) 2-Butanone	7.214	43	9168	21.795	ug/l	92
26) 2,2-Dichloropropane	7.197	77	12700	4.835	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	7833	4.329	ug/l	93
28) Bromochloromethane	7.538	49	4278	4.855	ug/l #	89
29) Tetrahydrofuran	7.561	42	5071	19.975	ug/l #	86
30) Chloroform	7.697	83	13837	4.502	ug/l #	83
31) Cyclohexane	7.973	56	12792	5.039	ug/l #	68
32) 1,1,1-Trichloroethane	7.897	97	13494	4.738	ug/l	93
36) 1,1-Dichloropropene	8.108	75	9768	4.147	ug/l	95
37) Ethyl Acetate	7.297	43	4200	4.523	ug/l #	92
38) Carbon Tetrachloride	8.091	117	10503	4.151	ug/l	96
39) Methylcyclohexane	9.344	83	9798	3.646	ug/l	96
40) Benzene	8.344	78	27561	4.151	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	2280	4.084	ug/l #	88
42) 1,2-Dichloroethane	8.408	62	8498	4.342	ug/l	94
43) Isopropyl Acetate	8.444	43	7734	4.140	ug/l #	87
44) Trichloroethene	9.108	130	8023	4.168	ug/l	89
45) 1,2-Dichloropropane	9.379	63	6830	4.121	ug/l	98
46) Dibromomethane	9.467	93	4365	4.721	ug/l	98
47) Bromodichloromethane	9.649	83	10823	4.501	ug/l	99
48) Methyl methacrylate	9.449	41	3383	3.917	ug/l	88
49) 1,4-Dioxane	9.444	88	731	69.677	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	17785	19.058	ug/l	95
52) Toluene	10.391	92	18691	4.283	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	8884	4.074	ug/l #	85
54) cis-1,3-Dichloropropene	10.079	75	10602	4.100	ug/l #	77
55) 1,1,2-Trichloroethane	10.785	97	5466	4.323	ug/l #	88
56) Ethyl methacrylate	10.649	69	5605	3.880	ug/l #	83
57) 1,3-Dichloropropane	10.932	76	9286	4.394	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	7764	17.756	ug/l #	87
59) 2-Hexanone	10.973	43	12201	19.391	ug/l	97
60) Dibromochloromethane	11.126	129	6961	4.239	ug/l	90
61) 1,2-Dibromoethane	11.232	107	5457	4.424	ug/l	99
64) Tetrachloroethene	10.873	164	7887	4.913	ug/l #	87
65) Chlorobenzene	11.661	112	20004	4.173	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	7746	4.298	ug/l	97
67) Ethyl Benzene	11.732	91	30556	3.724	ug/l	90
68) m/p-Xylenes	11.838	106	22844	6.990	ug/l	98
69) o-Xylene	12.167	106	10481	3.476	ug/l	95
70) Styrene	12.179	104	18166	3.514	ug/l	99
71) Bromoform	12.349	173	4469	4.559	ug/l #	96
73) Isopropylbenzene	12.467	105	29070	3.523	ug/l	99
74) N-amyl acetate	12.273	43	6123	3.411	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.708	83	6601	4.479	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	8020	7.207	ug/l #	100
77) Bromobenzene	12.749	156	7767	3.973	ug/l	90
78) n-propylbenzene	12.802	91	37666	3.732	ug/l	99
79) 2-Chlorotoluene	12.890	91	21864	3.752	ug/l	92
80) 1,3,5-Trimethylbenzene	12.943	105	24764	3.493	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.514	75	1513	3.496	ug/l	92
82) 4-Chlorotoluene	12.990	91	23416	3.798	ug/l	98
83) tert-Butylbenzene	13.208	119	21493	3.599	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	23922	3.467	ug/l	97
85) sec-Butylbenzene	13.384	105	32522	3.603	ug/l	99
86) p-Isopropyltoluene	13.496	119	25498	3.423	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	16908	4.275	ug/l	97
88) 1,4-Dichlorobenzene	13.573	146	16317	4.095	ug/l	89
89) n-Butylbenzene	13.826	91	26324	3.729	ug/l	98
90) Hexachloroethane	14.090	117	6615	4.378	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	14122	4.107	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	928	3.846	ug/l	85
93) 1,2,4-Trichlorobenzene	15.137	180	8389	3.997	ug/l	97
94) Hexachlorobutadiene	15.243	225	4647	3.946	ug/l	99
95) Naphthalene	15.373	128	13306	3.504	ug/l	95
96) 1,2,3-Trichlorobenzene	15.573	180	7054	3.854	ug/l	97

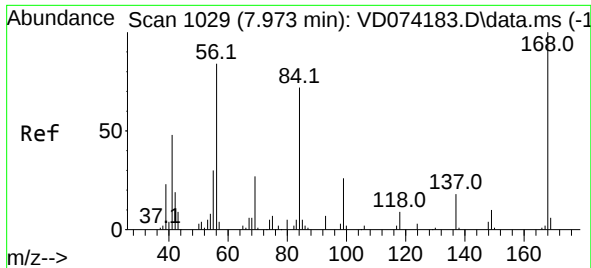
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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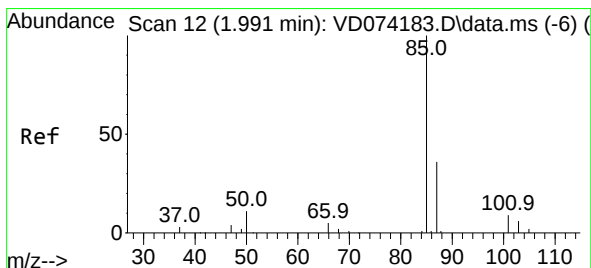
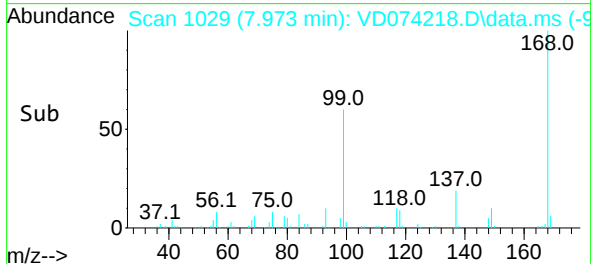
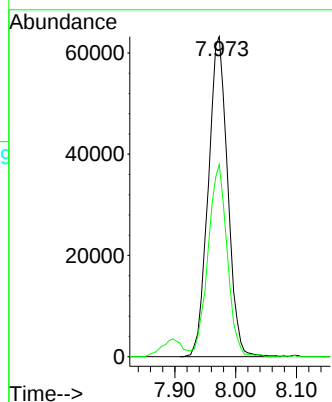
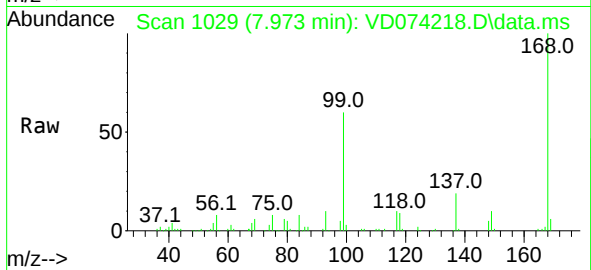
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074218.D
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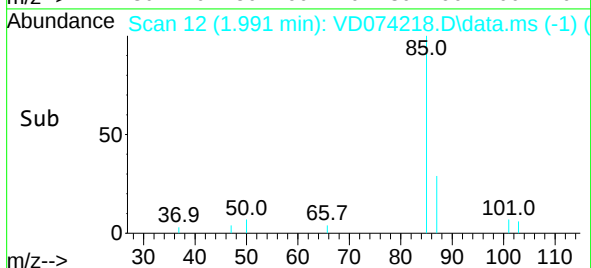
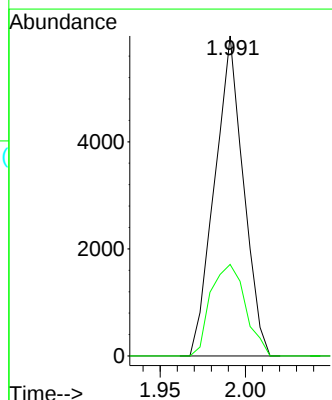
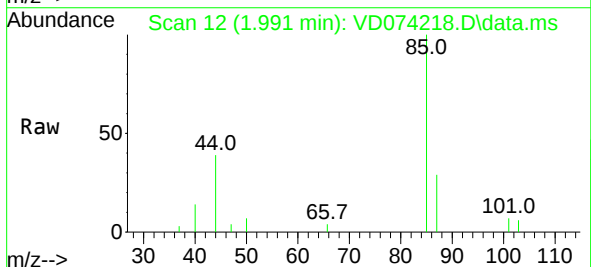
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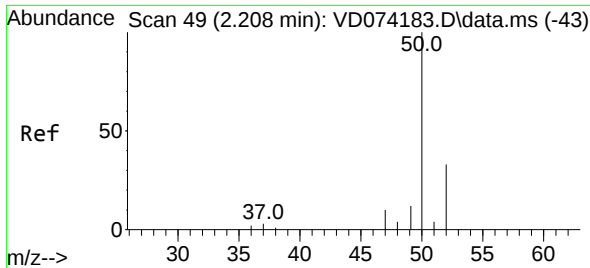
Tgt Ion:168 Resp: 139575
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 5.994 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 85 Resp: 7020
Ion Ratio Lower Upper
85 100
87 28.6 15.7 47.0

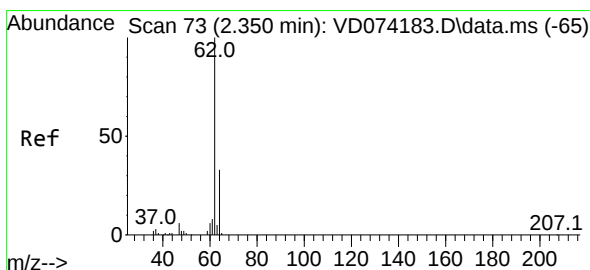
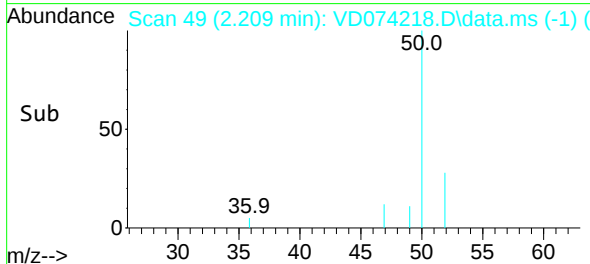
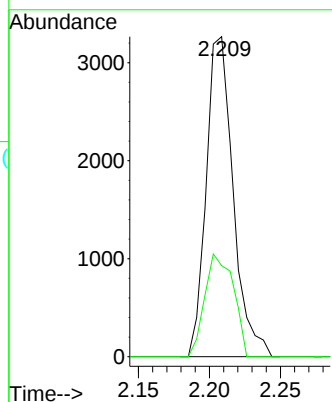
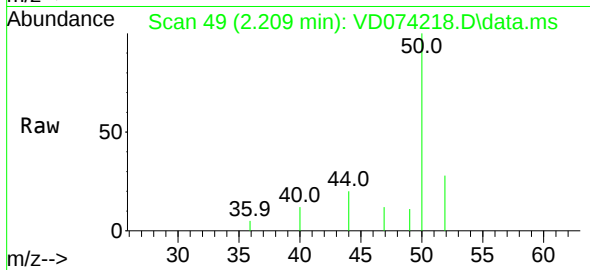




#3
Chloromethane
Concen: 5.167 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

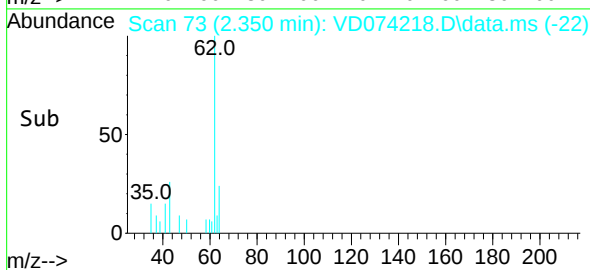
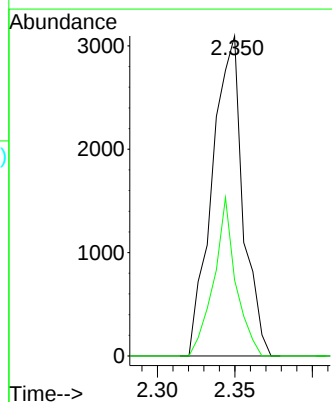
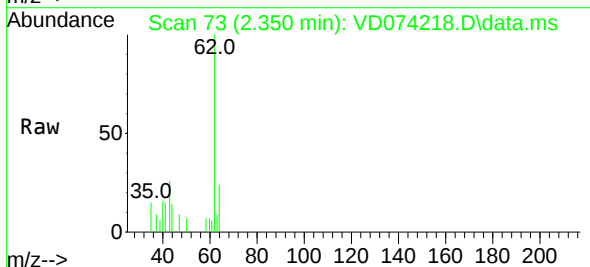
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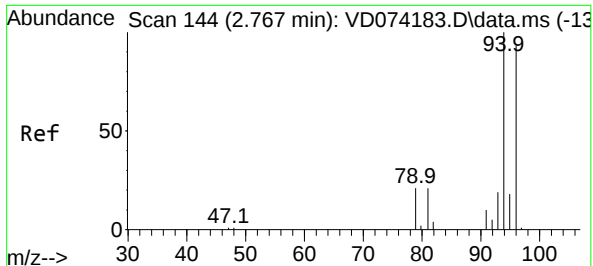
Tgt Ion: 50 Resp: 4312
Ion Ratio Lower Upper
50 100
52 28.4 27.4 41.0



#4
Vinyl Chloride
Concen: 4.871 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 62 Resp: 4267
Ion Ratio Lower Upper
62 100
64 23.7 25.4 38.0#

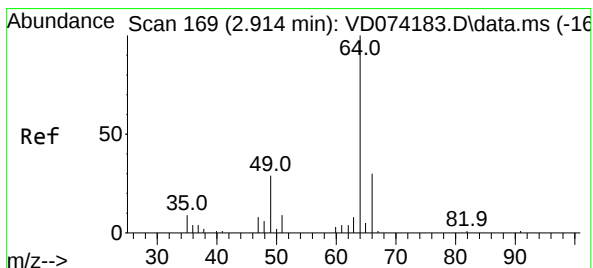
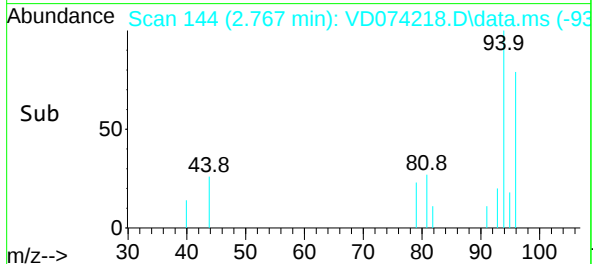
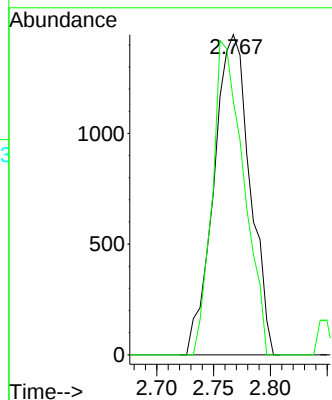
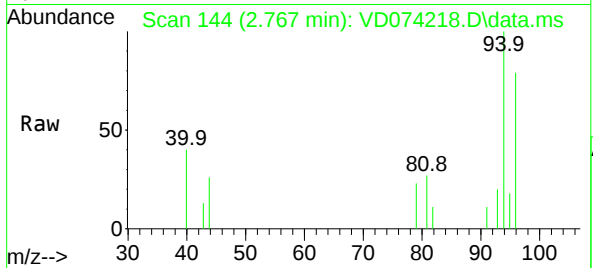




#5
Bromomethane
Concen: 5.660 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

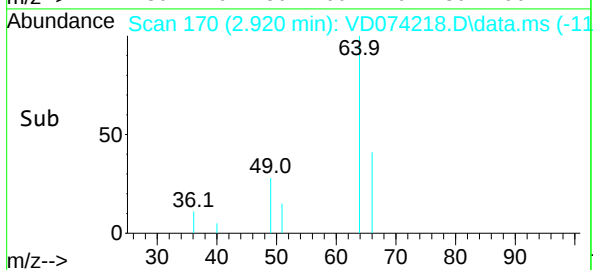
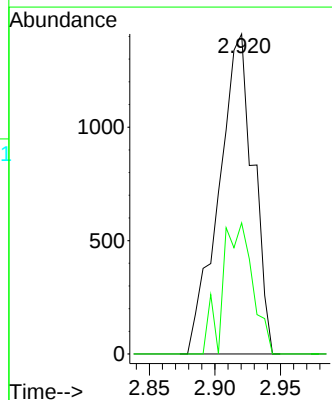
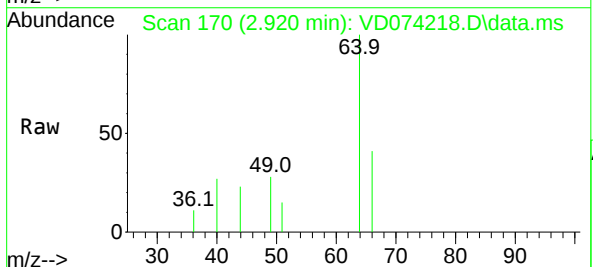
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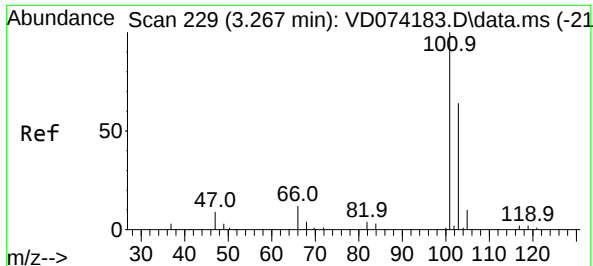
Tgt Ion: 94 Resp: 3202
Ion Ratio Lower Upper
94 100
96 79.3 77.6 116.4



#6
Chloroethane
Concen: 4.547 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 64 Resp: 2585
Ion Ratio Lower Upper
64 100
66 41.0 25.9 38.9#

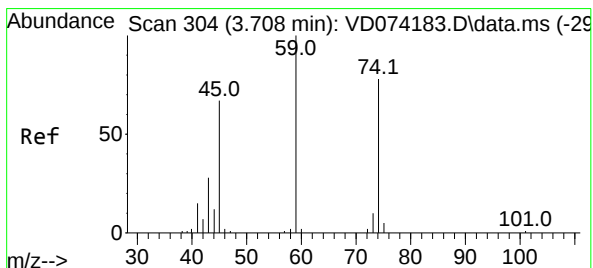
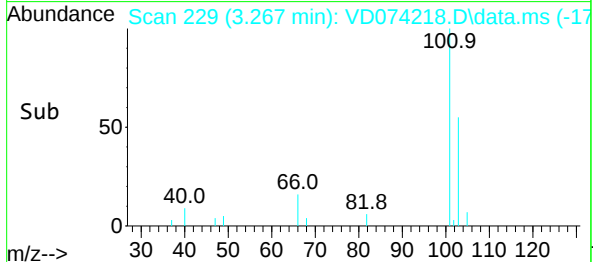
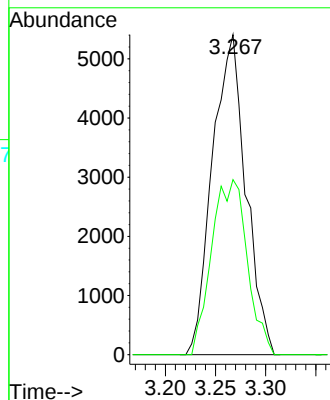
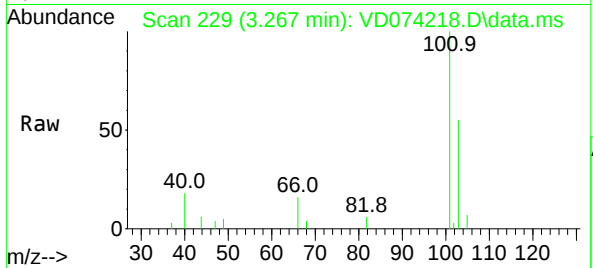




#7
Trichlorofluoromethane
Concen: 4.923 ug/l
RT: 3.267 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

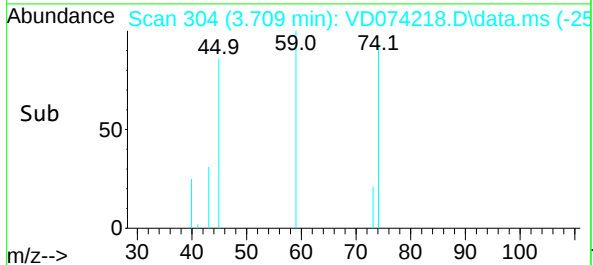
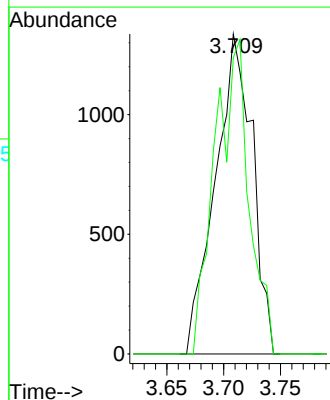
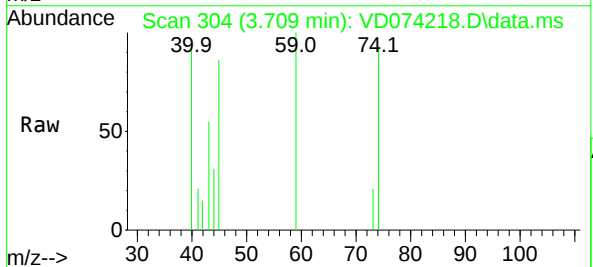
Instrument :
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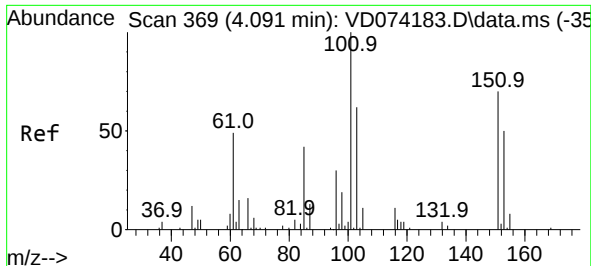
Tgt Ion:101 Resp: 12530
Ion Ratio Lower Upper
101 100
103 54.7 50.1 75.1



#8
Diethyl Ether
Concen: 4.422 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 74 Resp: 3024
Ion Ratio Lower Upper
74 100
45 90.8 52.6 157.8

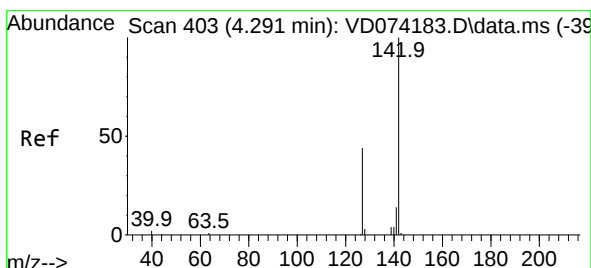
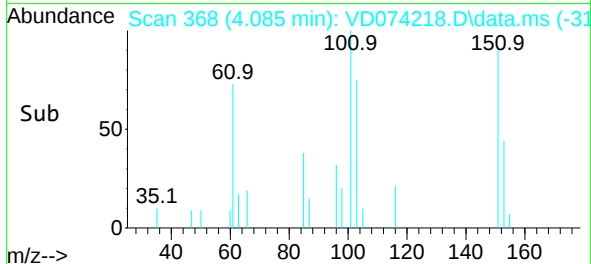
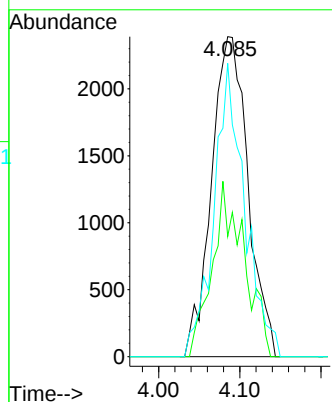
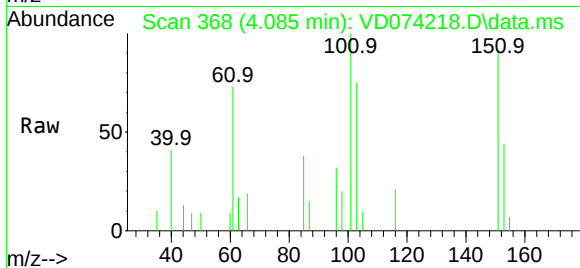




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.845 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD074218.D
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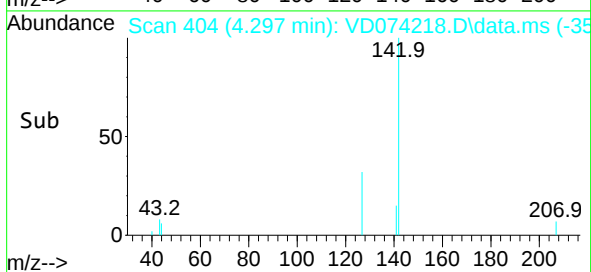
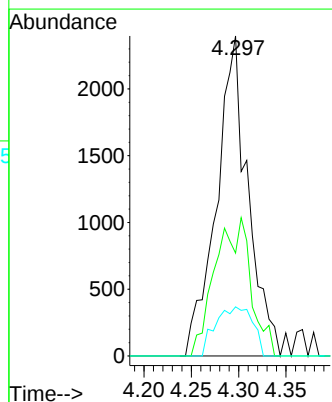
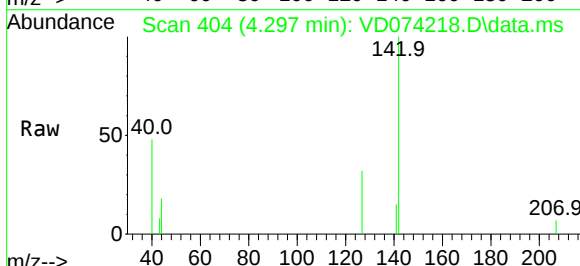
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

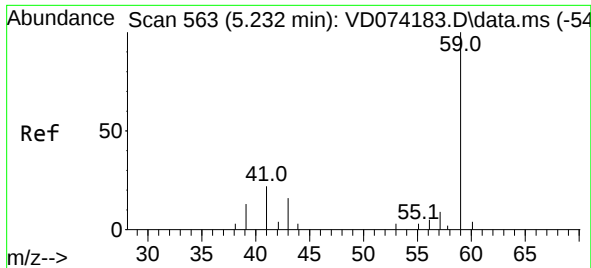
Tgt Ion:101 Resp: 7461
Ion Ratio Lower Upper
101 100
85 48.0 36.4 54.6
151 77.3 57.3 85.9



#10
Methyl Iodide
Concen: 3.278 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:142 Resp: 5537
Ion Ratio Lower Upper
142 100
127 30.4 37.3 55.9#
141 18.1 11.7 17.5#

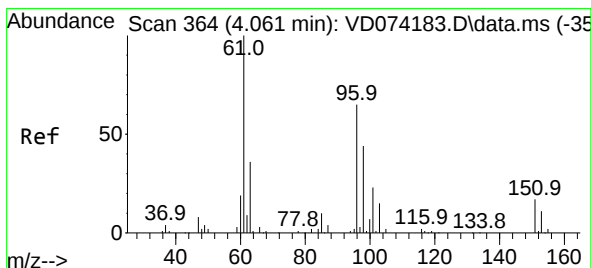
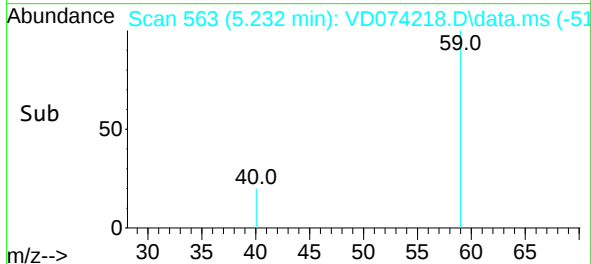
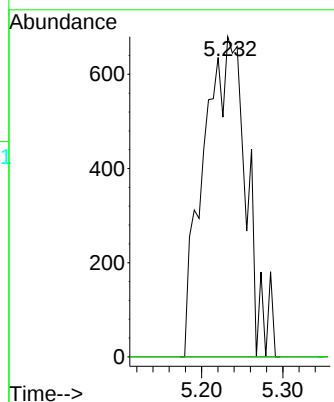
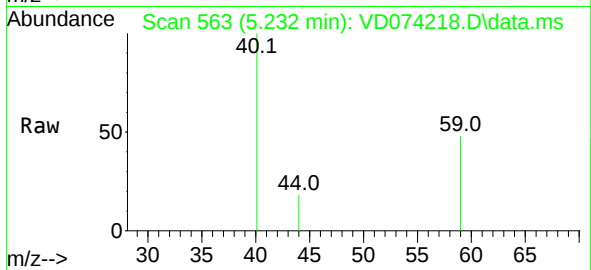




#11
Tert butyl alcohol
Concen: 28.036 ug/l
RT: 5.232 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

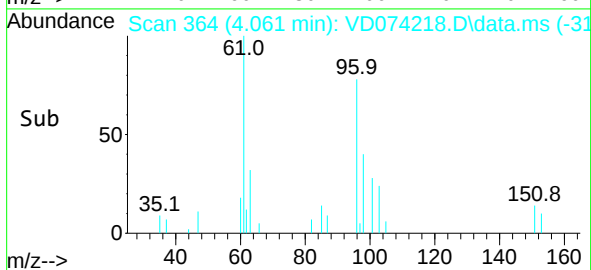
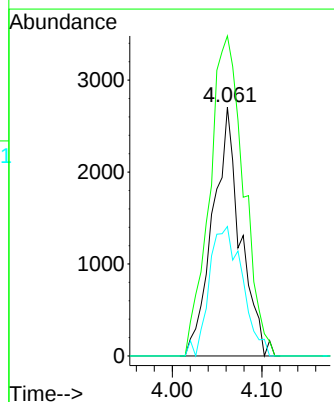
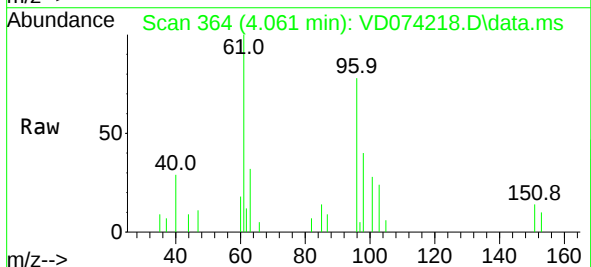
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

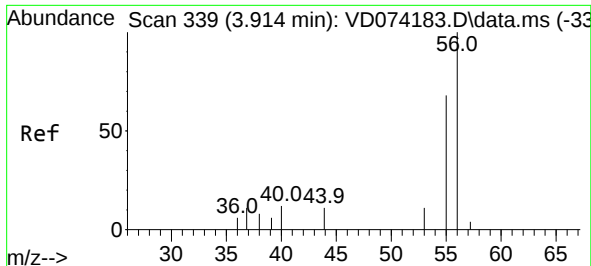
Tgt Ion: 59 Resp: 2490
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 4.213 ug/l
RT: 4.061 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 96 Resp: 5802
Ion Ratio Lower Upper
96 100
61 128.6 138.5 207.7#
98 52.0 48.6 73.0

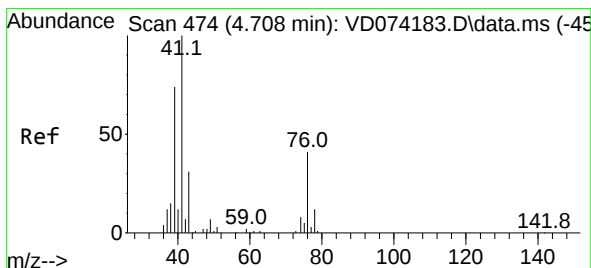
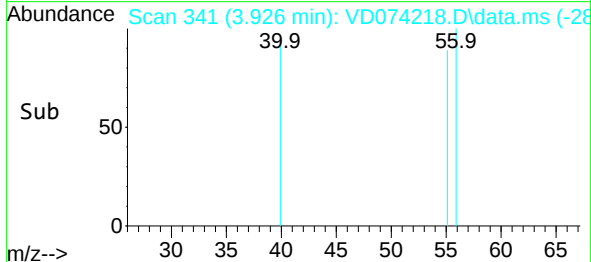
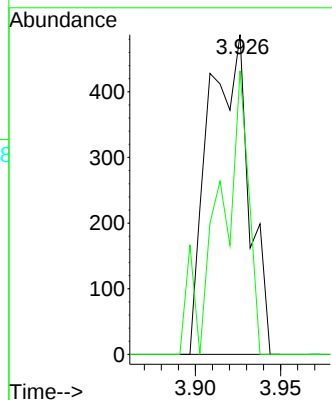
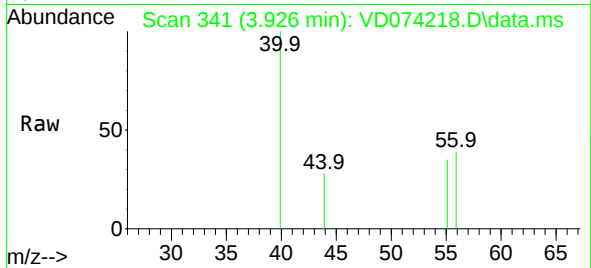




#13
Acrolein
Concen: 19.308 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.012 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

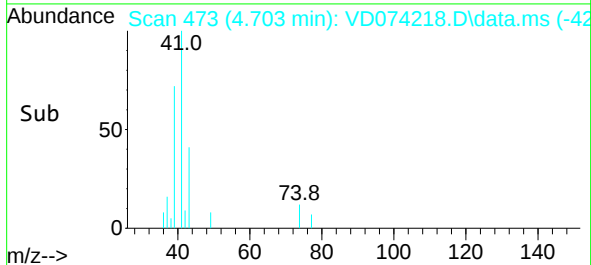
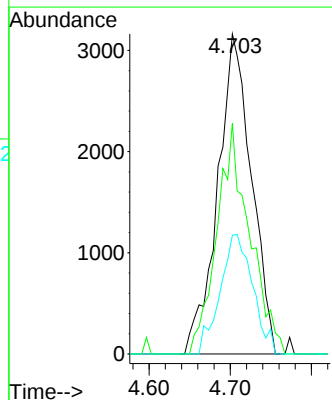
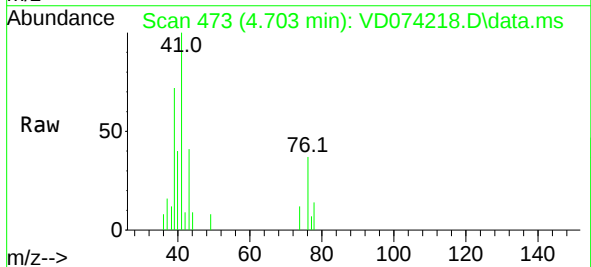
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

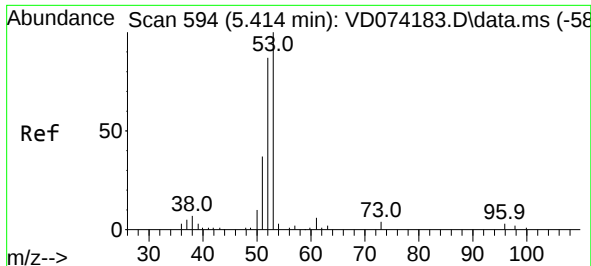
Tgt Ion: 56 Resp: 805
Ion Ratio Lower Upper
56 100
55 63.7 57.1 85.7



#14
Allyl chloride
Concen: 4.240 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 41 Resp: 9142
Ion Ratio Lower Upper
41 100
39 69.9 59.3 88.9
76 35.9 25.7 38.5

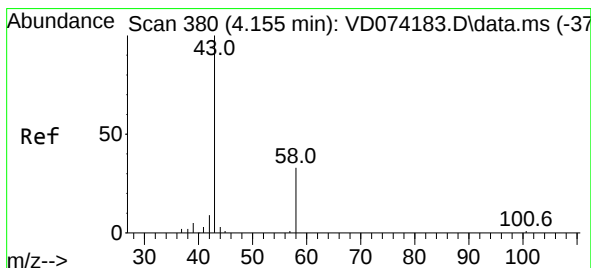
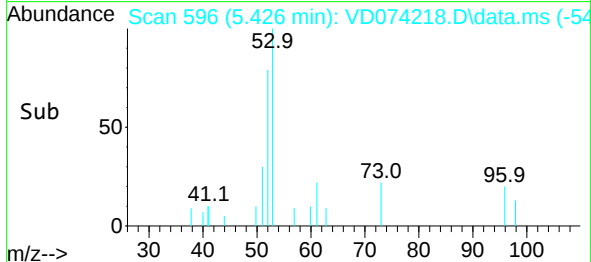
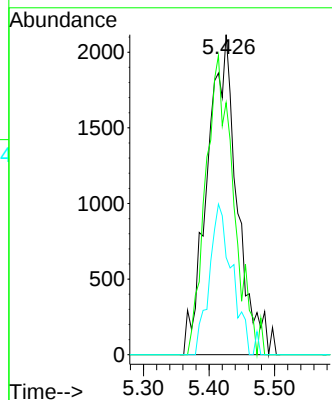
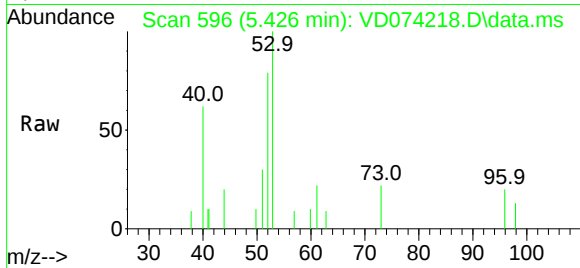




#15
Acrylonitrile
Concen: 21.265 ug/l
RT: 5.426 min Scan# 594
Delta R.T. 0.012 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

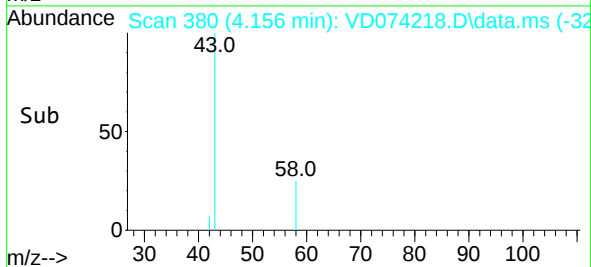
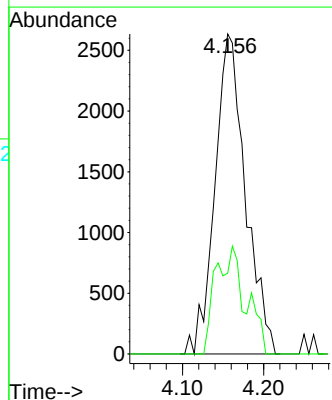
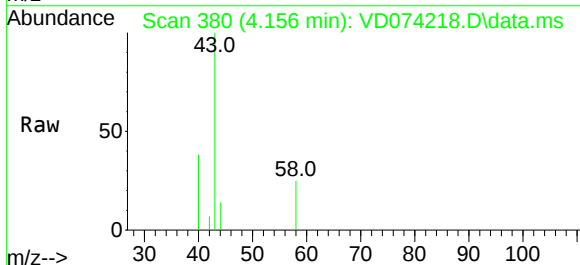
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

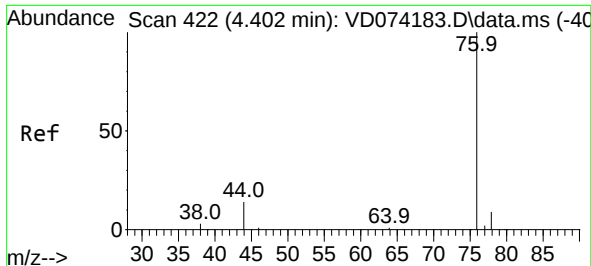
Tgt Ion:	53	Resp:	6762
Ion	Ratio	Lower	Upper
53	100		
52	86.6	67.2	100.8
51	35.1	30.3	45.5



#16
Acetone
Concen: 25.316 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:	43	Resp:	6879
Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.1	33.1

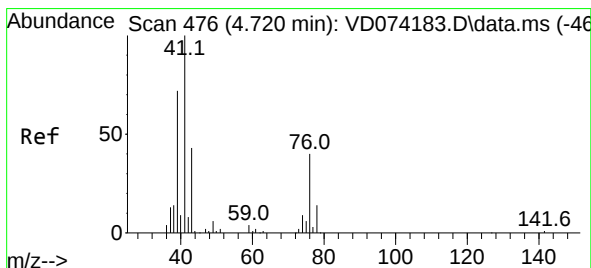
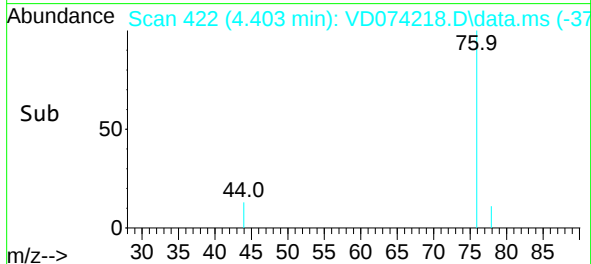
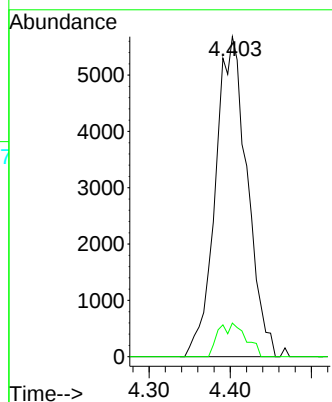
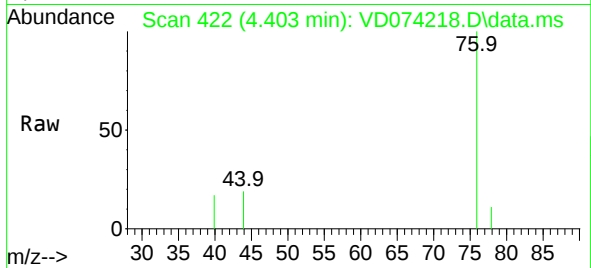




#17
Carbon Disulfide
Concen: 3.824 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

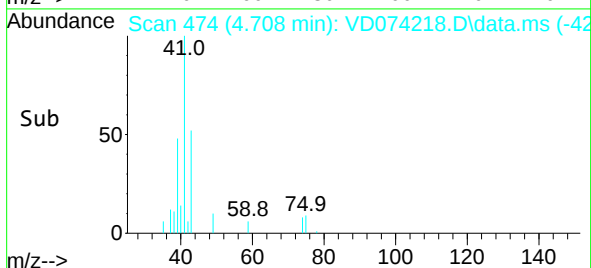
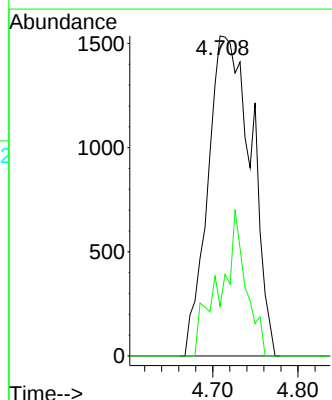
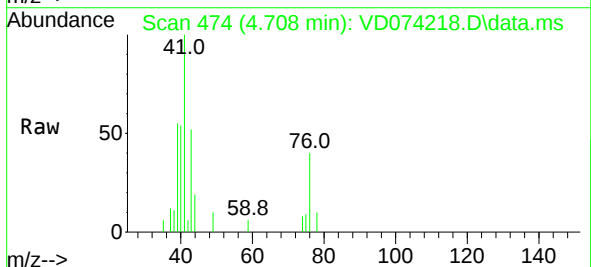
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

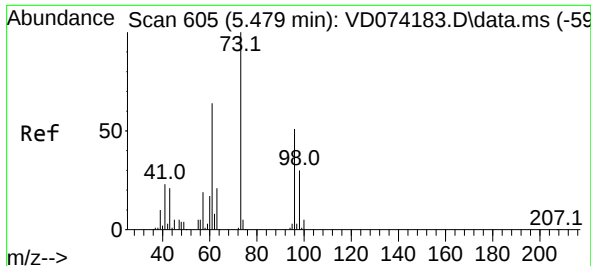
Tgt Ion: 76 Resp: 15416
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3



#18
Methyl Acetate
Concen: 6.332 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 43 Resp: 5424
Ion Ratio Lower Upper
43 100
74 27.5 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 4.148 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

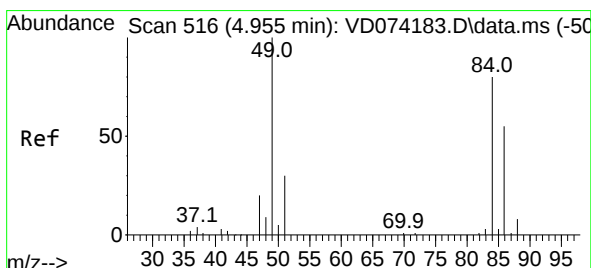
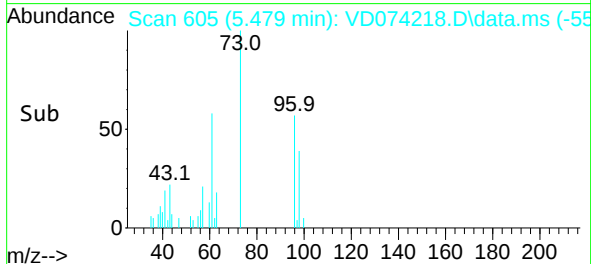
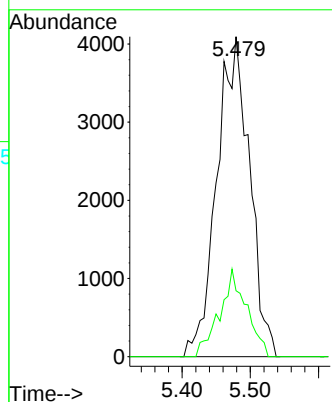
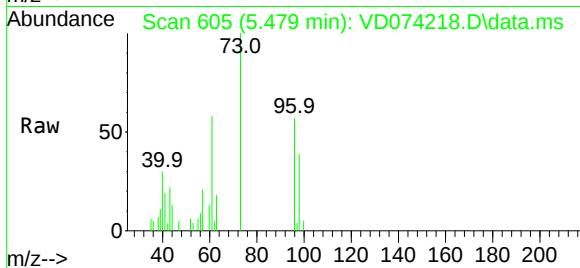
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 73 Resp: 13681

Ion Ratio Lower Upper

73 100

57 20.6 18.0 27.0



#20

Methylene Chloride

Concen: 10.719 ug/l

RT: 4.956 min Scan# 516

Delta R.T. 0.001 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Tgt Ion: 84 Resp: 22815

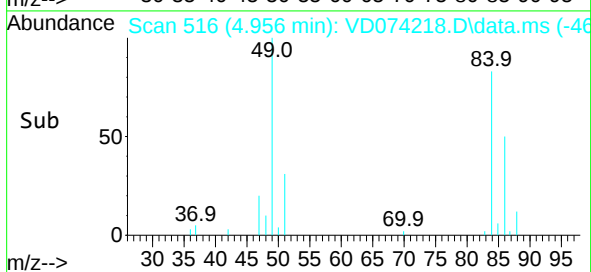
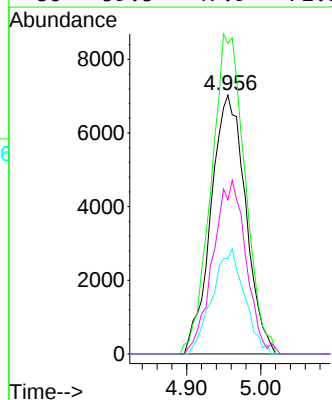
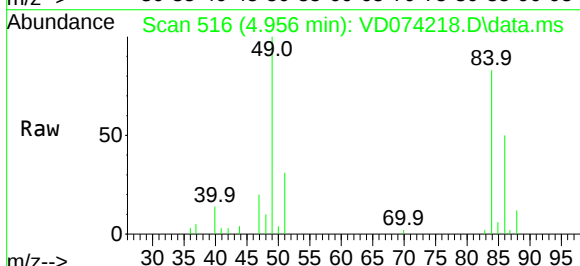
Ion Ratio Lower Upper

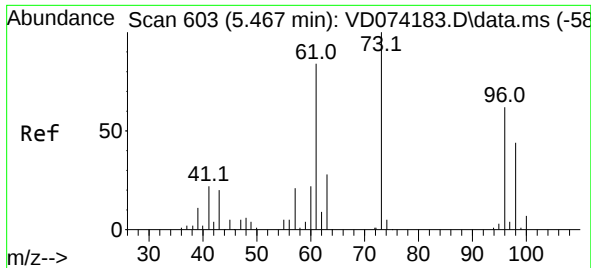
84 100

49 120.0 112.8 169.2

51 36.9 32.6 48.8

86 59.5 47.9 71.9

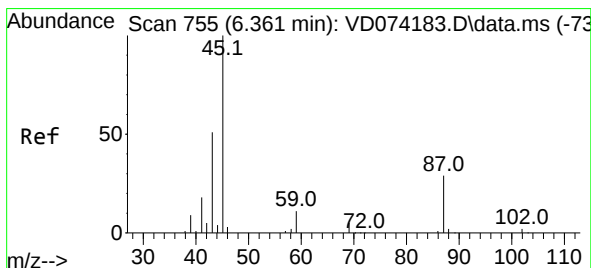
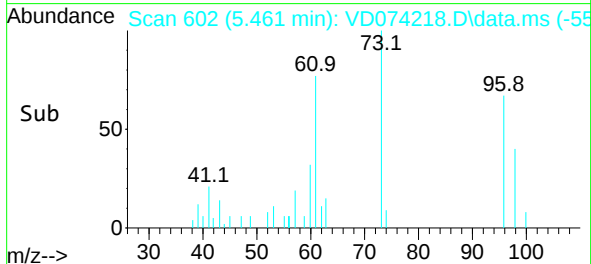
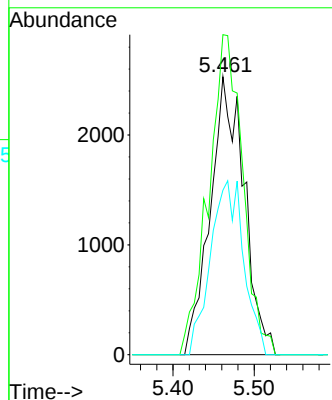
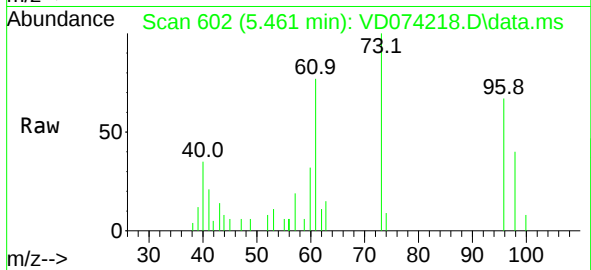




#21
trans-1,2-Dichloroethene
Concen: 4.553 ug/l
RT: 5.461 min Scan# 602
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

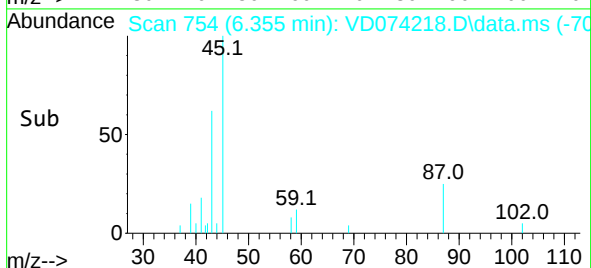
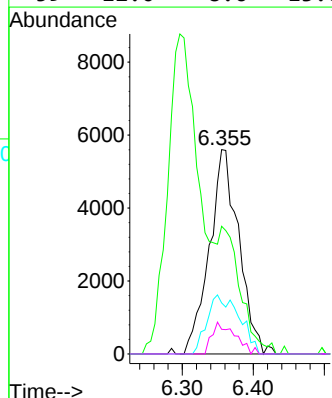
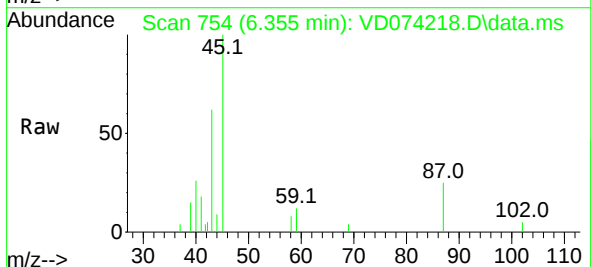
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 96 Resp: 7332
Ion Ratio Lower Upper
96 100
61 115.1 117.9 176.9#
98 59.2 49.4 74.2



#22
Diisopropyl ether
Concen: 3.650 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 45 Resp: 16137
Ion Ratio Lower Upper
45 100
43 62.4 46.6 70.0
87 25.0 18.4 27.6
59 12.0 8.6 13.0

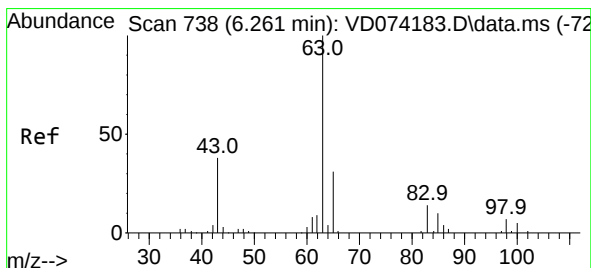
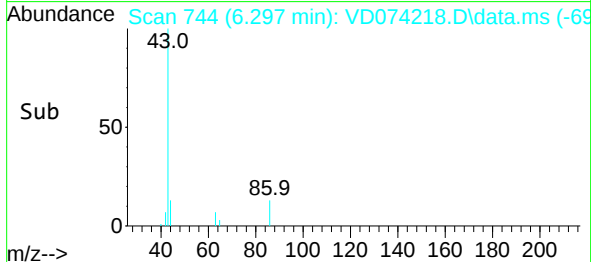
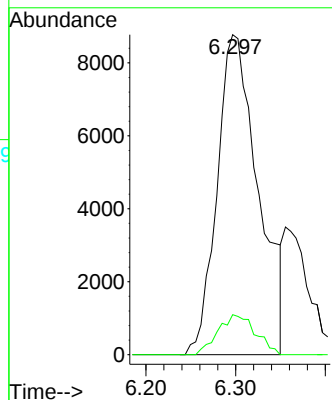
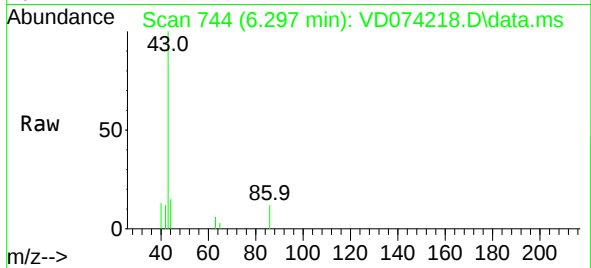




#23
 Vinyl Acetate
 Concen: 12.371 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.005 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

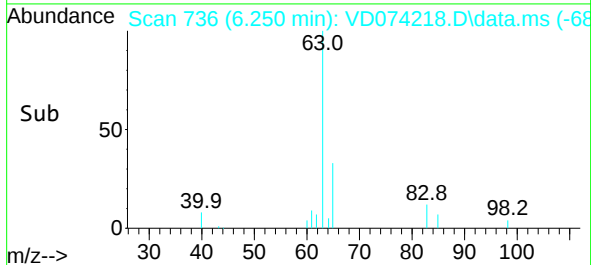
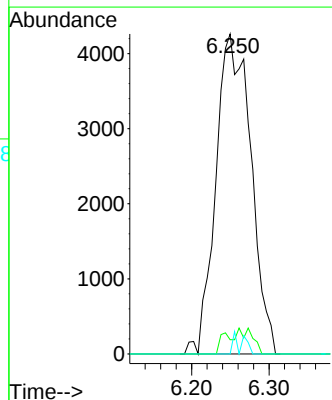
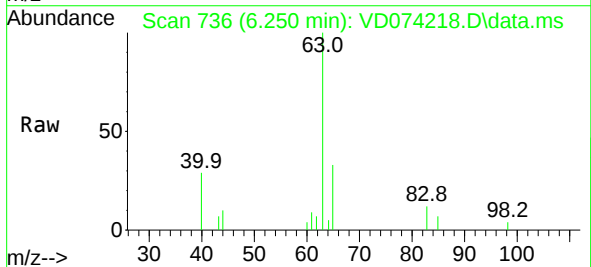
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

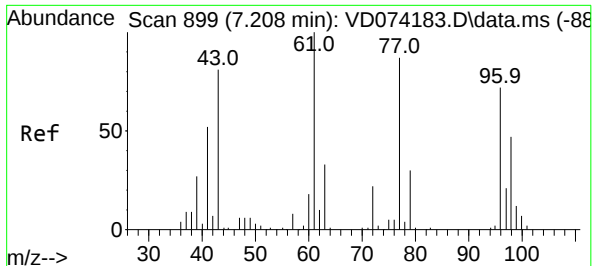
Tgt Ion: 43 Resp: 27960
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 4.593 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.011 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

Tgt Ion: 63 Resp: 13389
 Ion Ratio Lower Upper
 63 100
 98 4.4 3.6 10.9
 100 0.0 2.1 6.5#

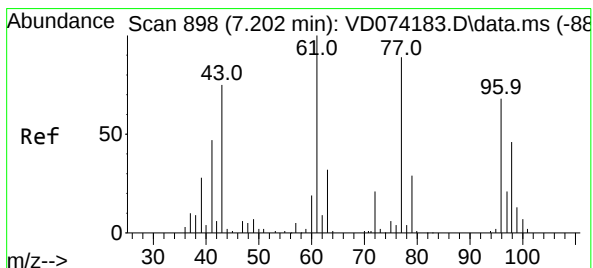
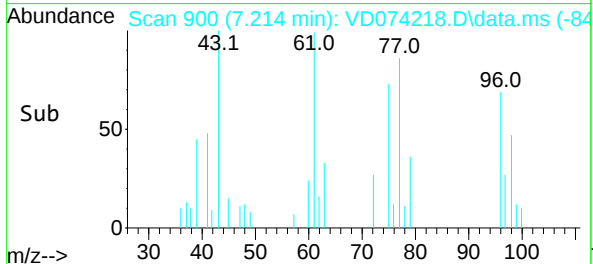
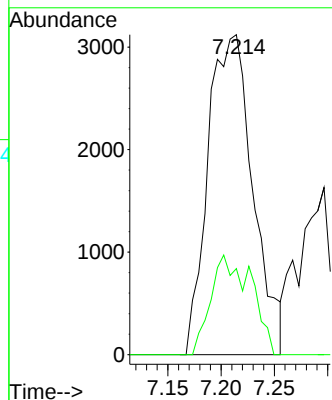
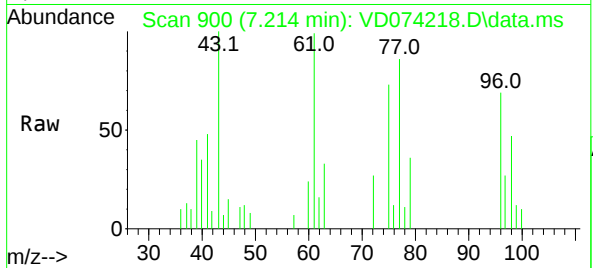




#25
2-Butanone
Concen: 21.795 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

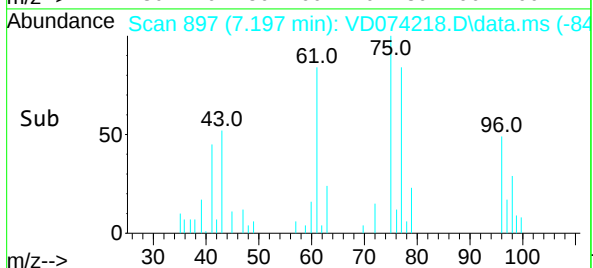
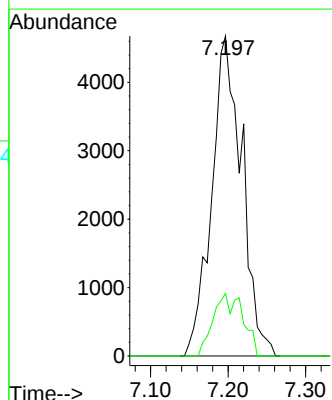
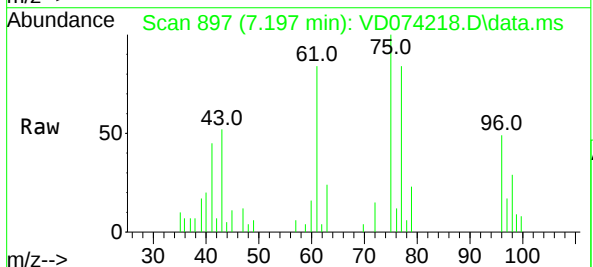
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

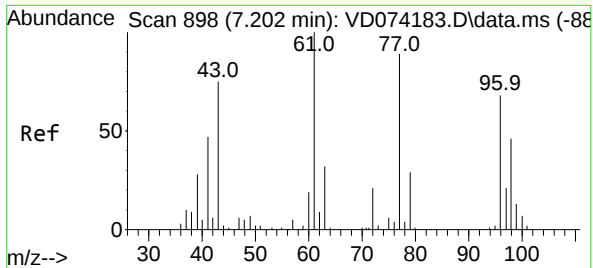
Tgt Ion: 43 Resp: 9168
Ion Ratio Lower Upper
43 100
72 26.9 18.6 27.8



#26
2,2-Dichloropropane
Concen: 4.835 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 77 Resp: 12700
Ion Ratio Lower Upper
77 100
97 19.1 10.8 32.4

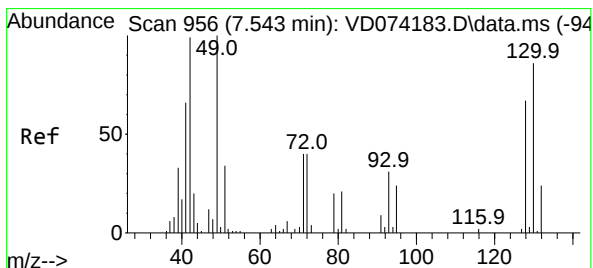
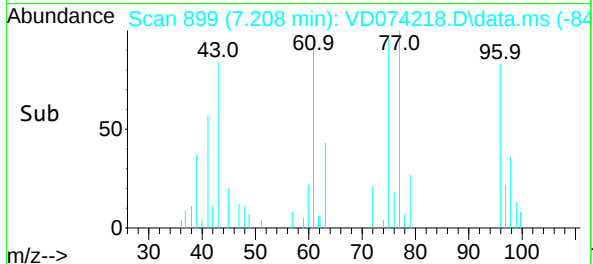
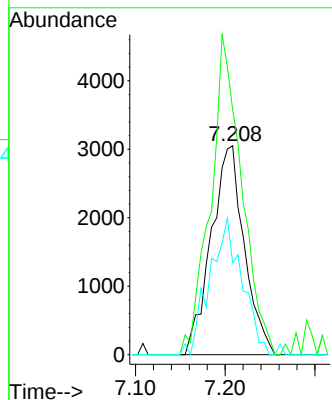
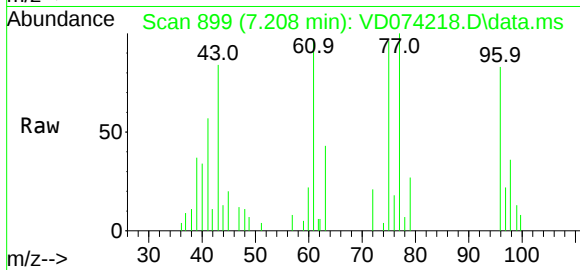




#27
 cis-1,2-Dichloroethene
 Concen: 4.329 ug/l
 RT: 7.208 min Scan# 898
 Delta R.T. 0.006 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

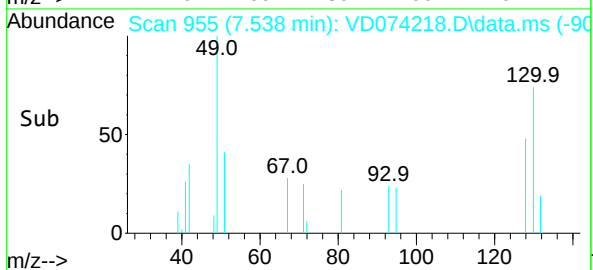
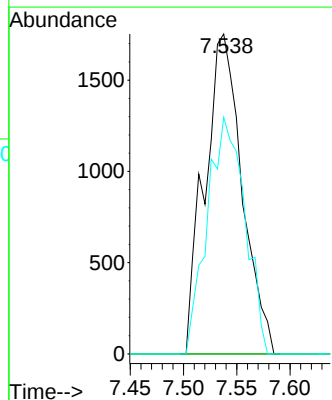
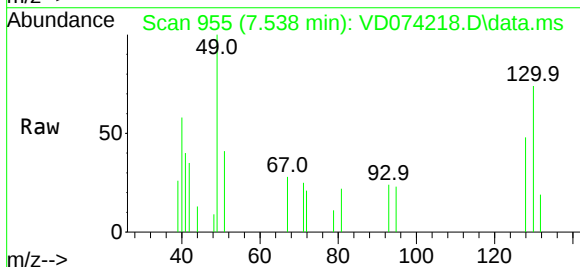
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

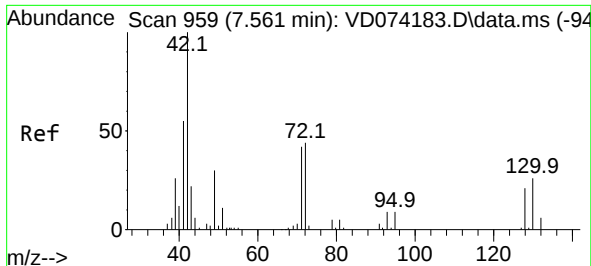
Tgt Ion: 96	Resp: 7833		
Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	313.8
98	63.8	0.0	128.8



#28
 Bromochloromethane
 Concen: 4.855 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.005 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

Tgt Ion: 49	Resp: 4278
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.0
130 74.5	52.6 79.0





#29

Tetrahydrofuran

Concen: 19.975 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074218.D

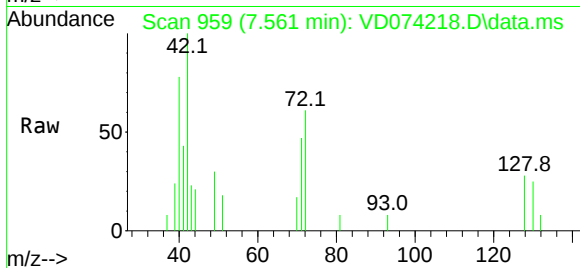
Acq: 24 Aug 2022 12:42

Instrument :

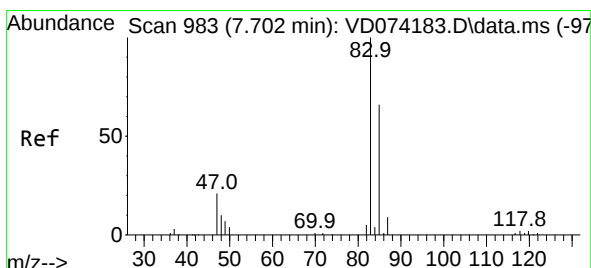
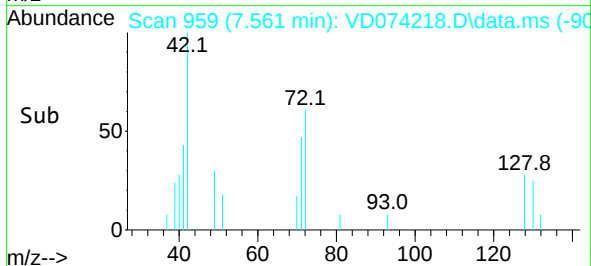
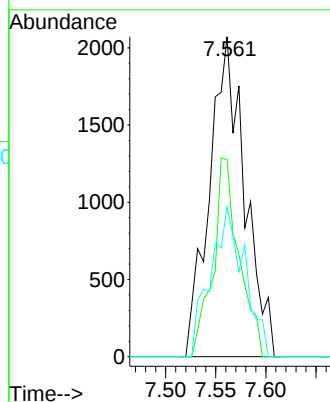
MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:	42	Resp:	5071
Ion	Ratio	Lower	Upper
42	100		
72	45.8	30.7	46.1
71	45.1	28.6	43.0



#30

Chloroform

Concen: 4.502 ug/l

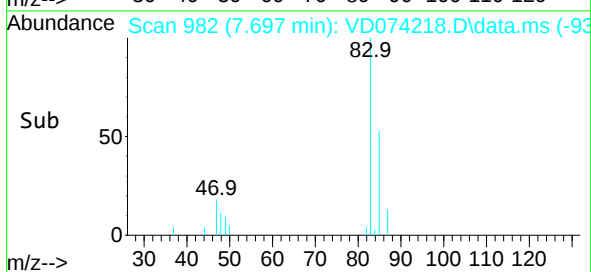
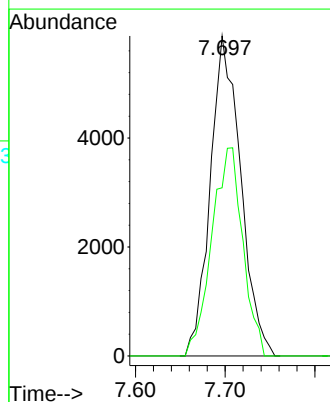
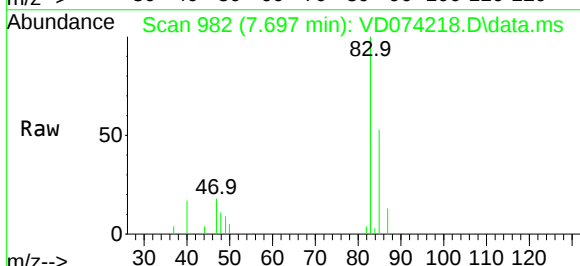
RT: 7.697 min Scan# 982

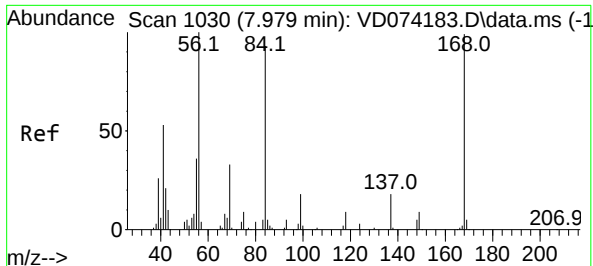
Delta R.T. -0.005 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Tgt Ion:	83	Resp:	13837
Ion	Ratio	Lower	Upper
83	100		
85	52.6	52.7	79.1





#31

Cyclohexane

Concen: 5.039 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD074218.D

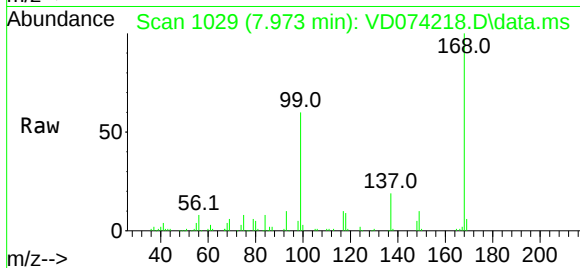
Acq: 24 Aug 2022 12:42

Instrument :

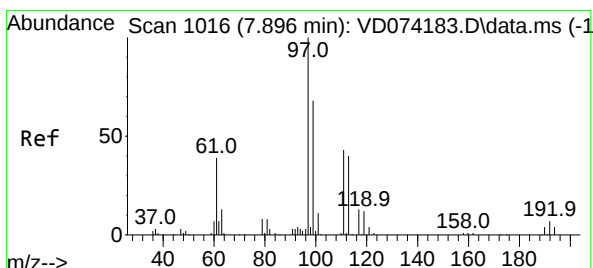
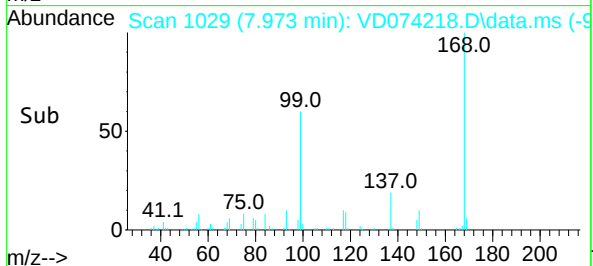
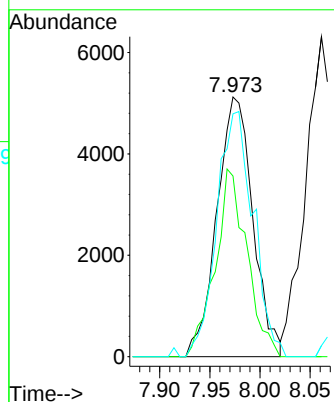
MSVOA_D

ClientSampleId :

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Tgt Ion:	56	Resp:	12792
Ion	Ratio	Lower	Upper
56	100		
69	69.6	25.4	38.2#
84	93.6	63.0	94.4



#32

1,1,1-Trichloroethane

Concen: 4.738 ug/l

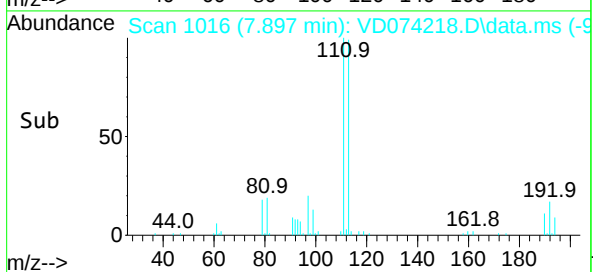
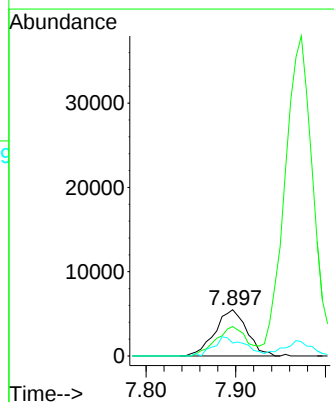
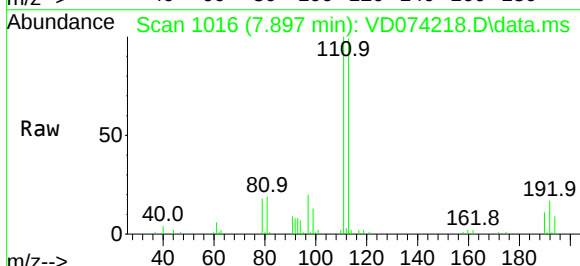
RT: 7.897 min Scan# 1016

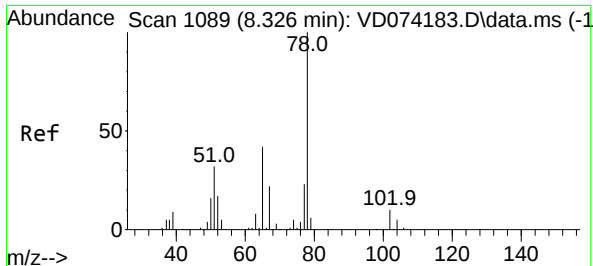
Delta R.T. 0.001 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Tgt Ion:	97	Resp:	13494
Ion	Ratio	Lower	Upper
97	100		
99	62.8	52.4	78.6
61	39.7	38.0	57.0





#33

1,2-Dichloroethane-d4

Concen: 50.174 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

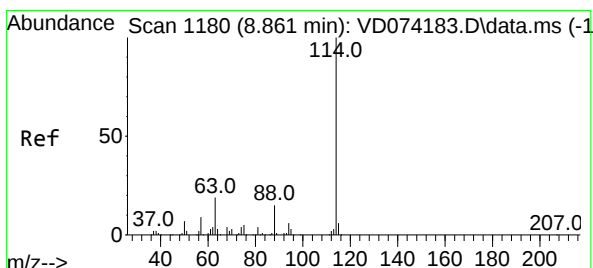
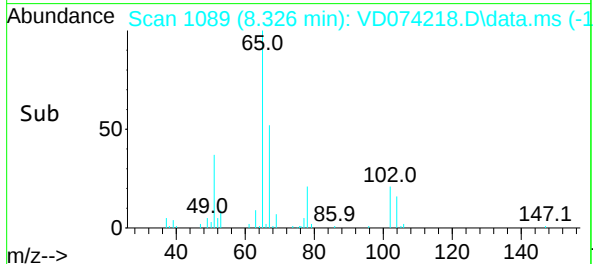
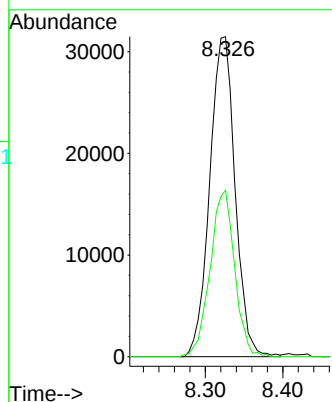
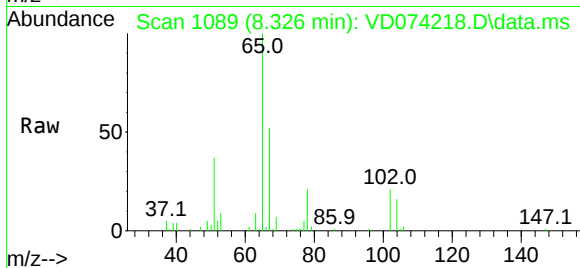
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 65 Resp: 71561

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

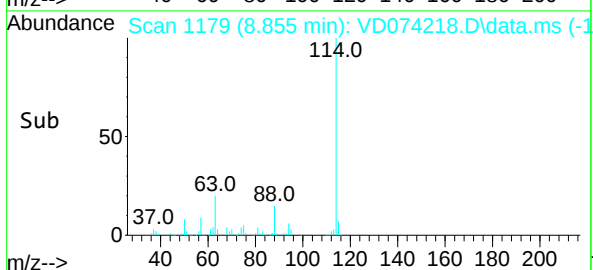
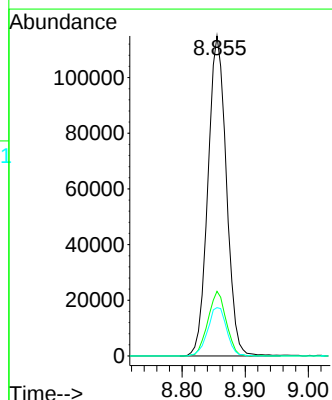
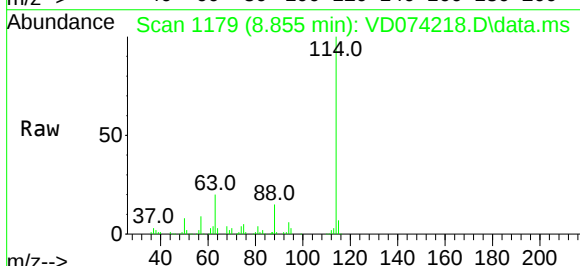
Tgt Ion: 114 Resp: 232972

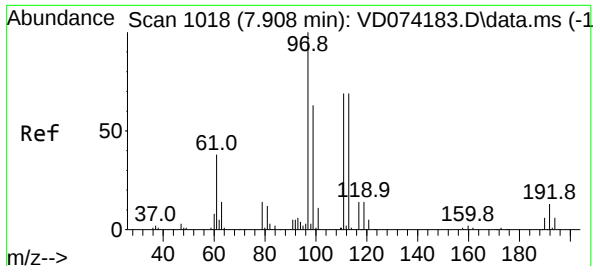
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.881 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074218.D

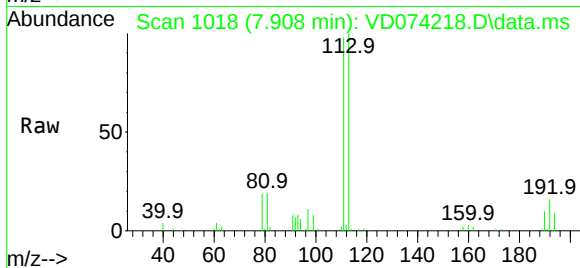
Acq: 24 Aug 2022 12:42

Instrument :

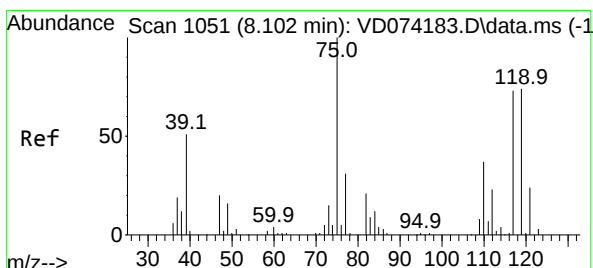
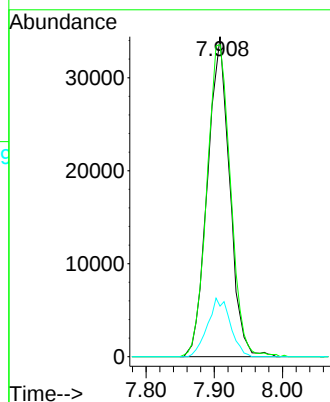
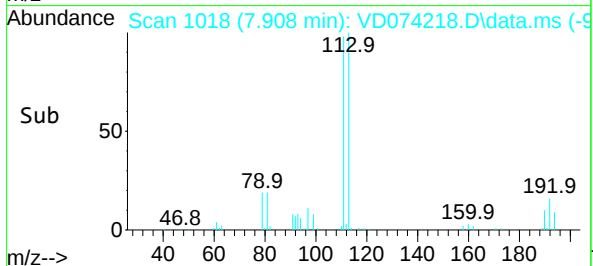
MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:	113	Resp:	77730
Ion Ratio	Lower	Upper	
113	100		
111	104.4	83.8	125.6
192	18.8	14.6	21.8



#36

1,1-Dichloropropene

Concen: 4.147 ug/l

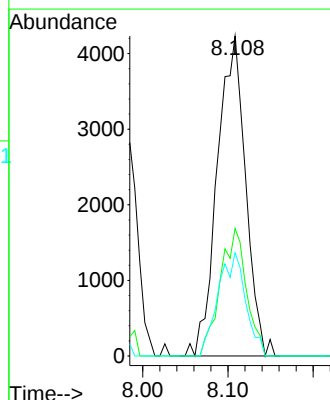
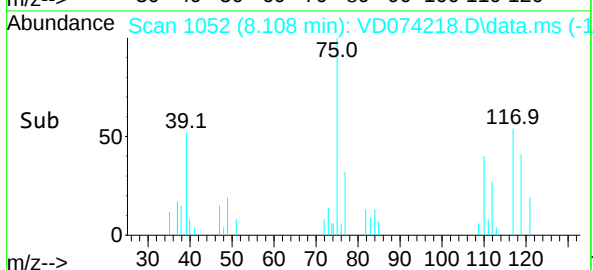
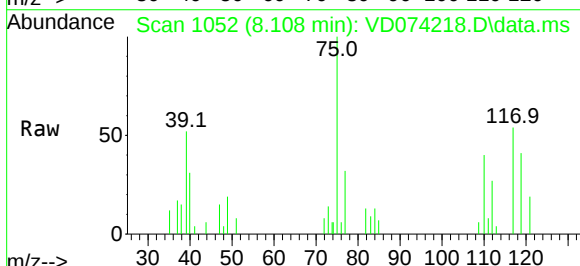
RT: 8.108 min Scan# 1052

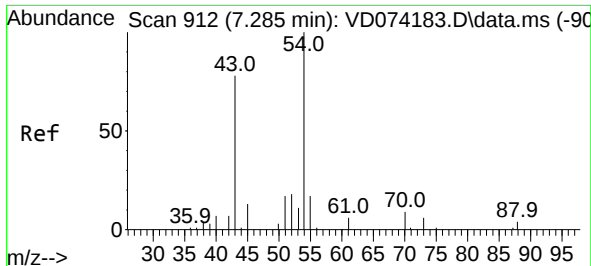
Delta R.T. 0.006 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Tgt Ion:	75	Resp:	9768
Ion Ratio	Lower	Upper	
75	100		
110	36.9	16.4	49.1
77	31.4	24.2	36.2





#37

Ethyl Acetate

Concen: 4.523 ug/l

RT: 7.297 min Scan# 912

Delta R.T. 0.012 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

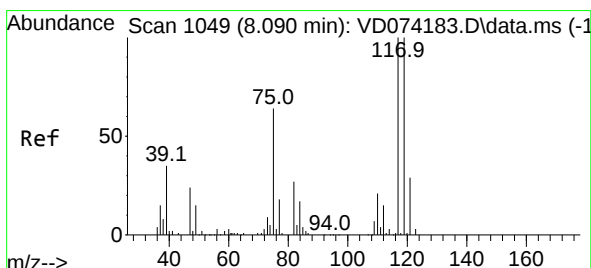
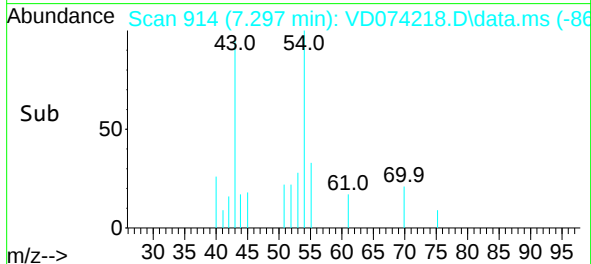
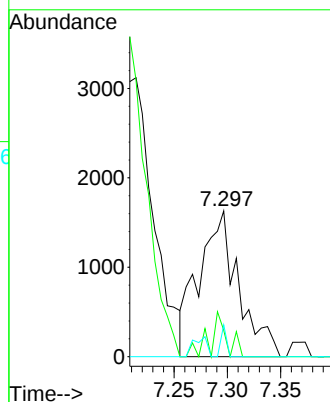
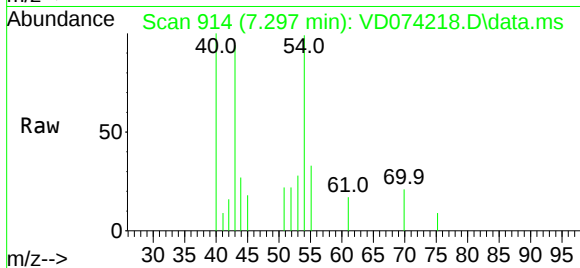
Tgt Ion: 43 Resp: 4200

Ion Ratio Lower Upper

43 100

61 13.0 9.8 14.8

70 3.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 4.151 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.001 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

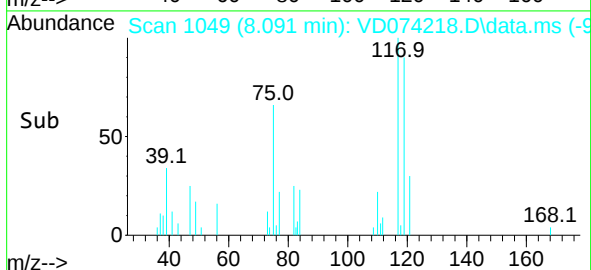
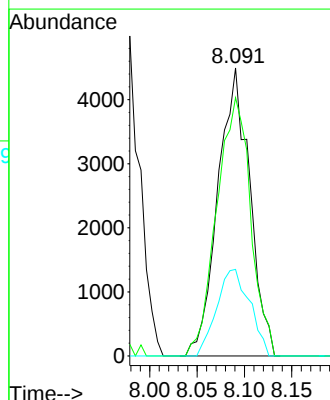
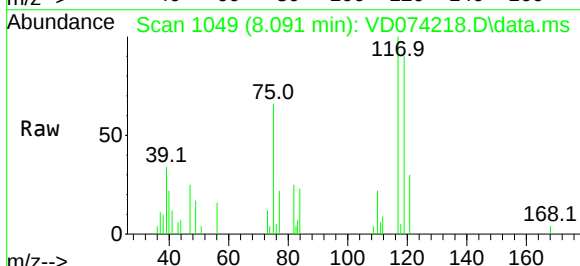
Tgt Ion: 117 Resp: 10503

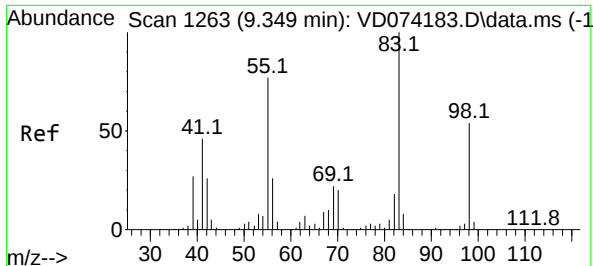
Ion Ratio Lower Upper

117 100

119 89.7 75.8 113.6

121 30.1 24.5 36.7





#39

Methylcyclohexane

Concen: 3.646 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

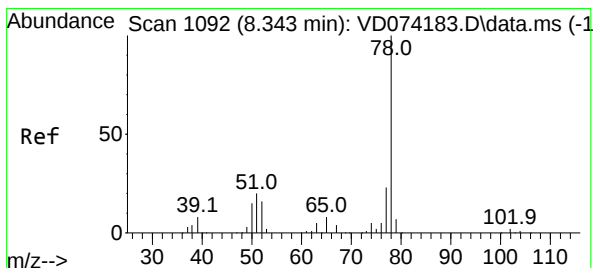
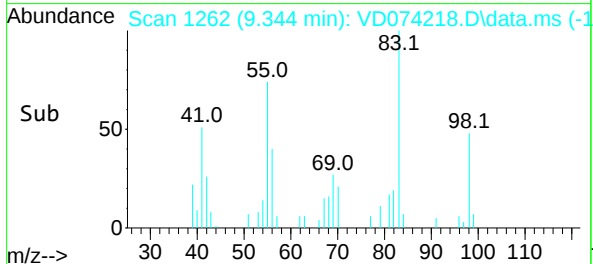
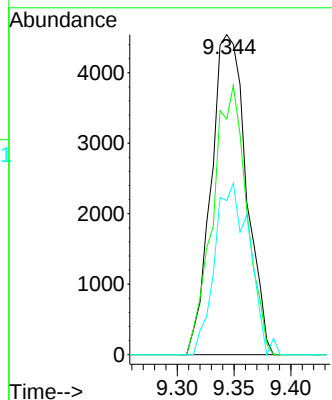
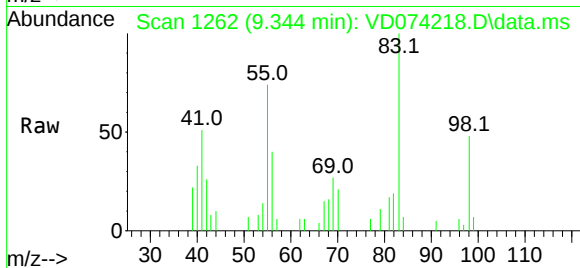
Tgt Ion: 83 Resp: 9798

Ion Ratio Lower Upper

83 100

55 73.7 63.2 94.8

98 48.1 38.2 57.4



#40

Benzene

Concen: 4.151 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.001 min

Lab File: VD074218.D

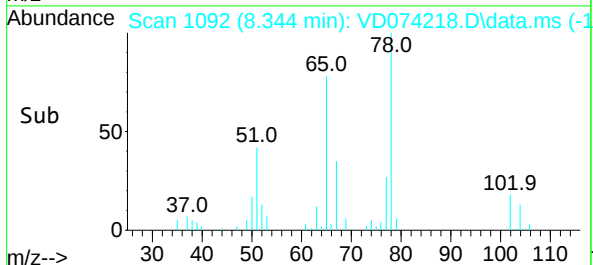
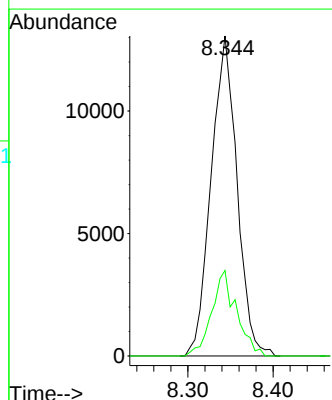
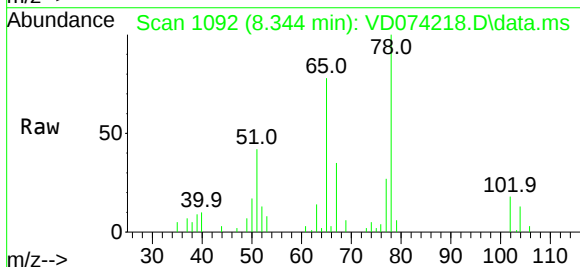
Acq: 24 Aug 2022 12:42

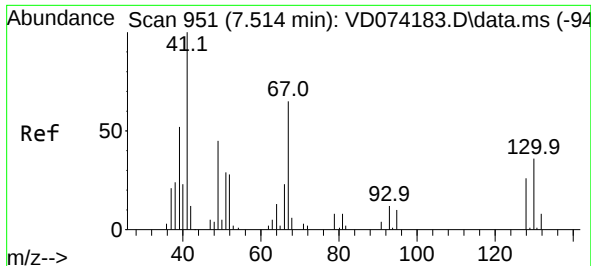
Tgt Ion: 78 Resp: 27561

Ion Ratio Lower Upper

78 100

77 26.7 19.1 28.7

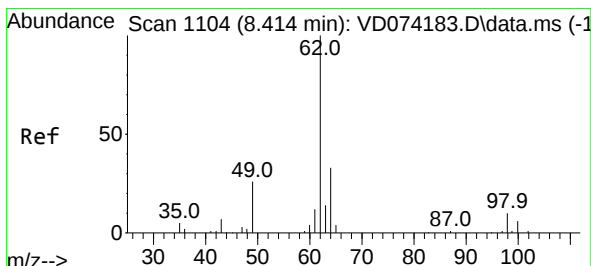
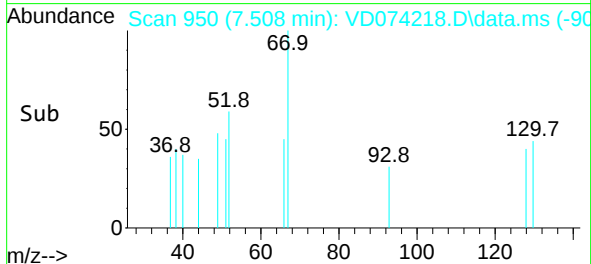
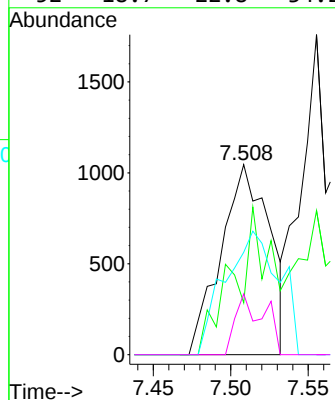
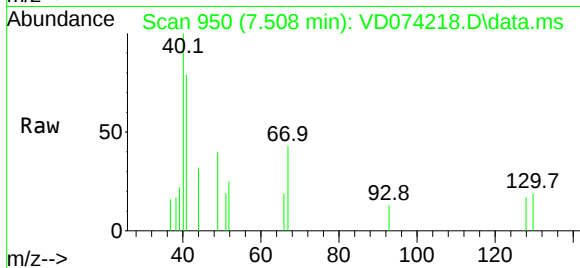




#41
Methacrylonitrile
Concen: 4.084 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

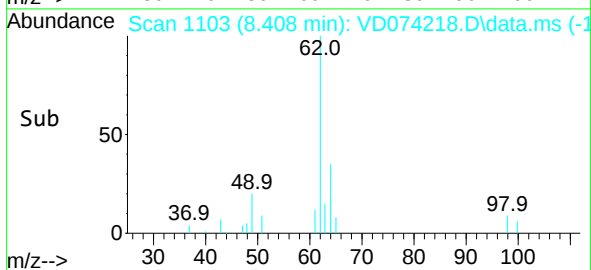
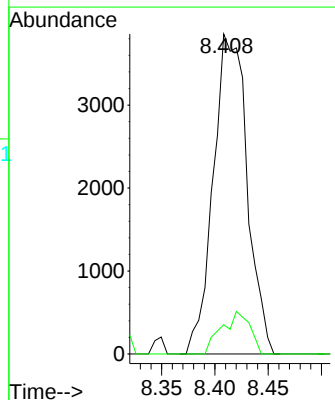
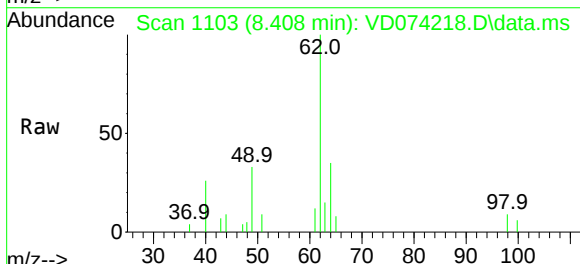
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

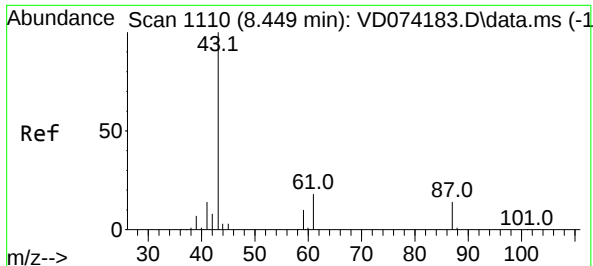
Tgt Ion:	41	Resp:	2280
Ion	Ratio	Lower	Upper
41	100		
39	59.2	44.6	67.0
67	72.1	48.2	72.4
52	18.7	22.8	34.2



#42
1,2-Dichloroethane
Concen: 4.342 ug/l
RT: 8.408 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:	62	Resp:	8498
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	17.6

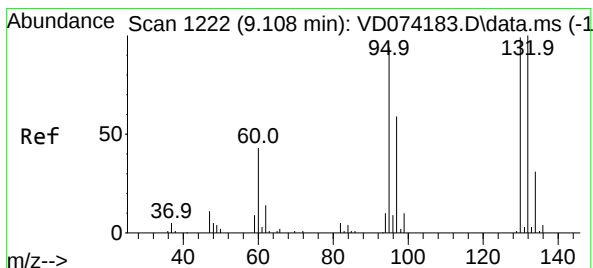
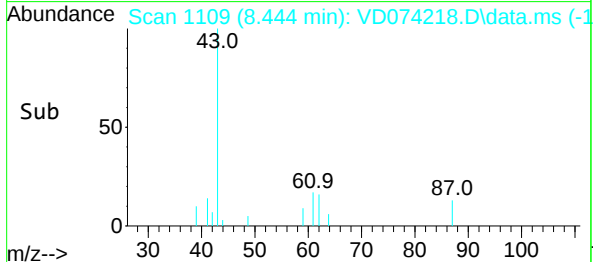
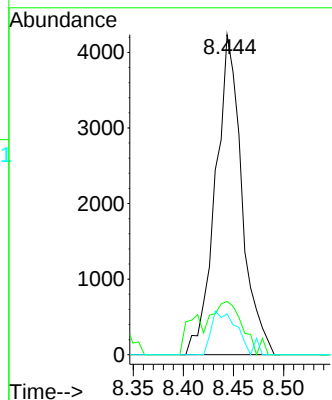
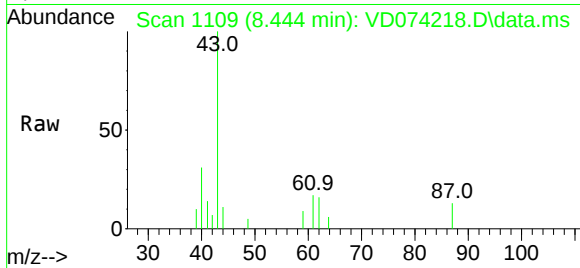




#43
Isopropyl Acetate
Concen: 4.140 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

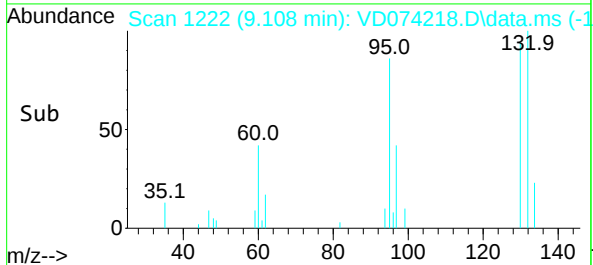
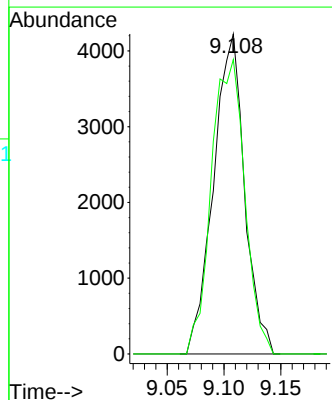
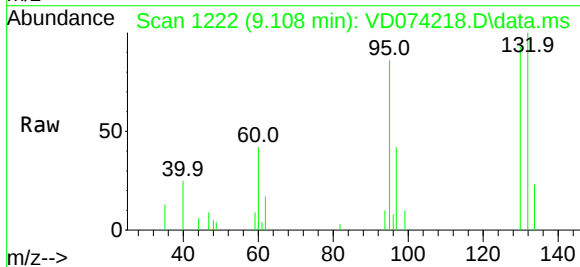
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

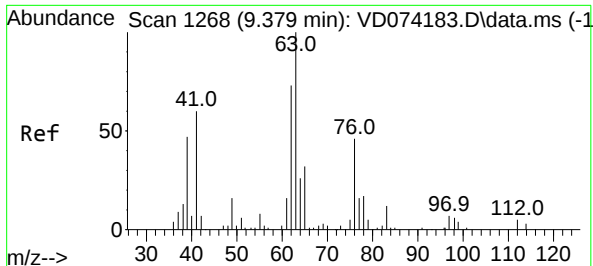
Tgt Ion: 43 Resp: 7734
Ion Ratio Lower Upper
43 100
61 19.8 22.4 33.6#
87 12.7 8.7 13.1



#44
Trichloroethene
Concen: 4.168 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:130 Resp: 8023
Ion Ratio Lower Upper
130 100
95 92.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 4.121 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

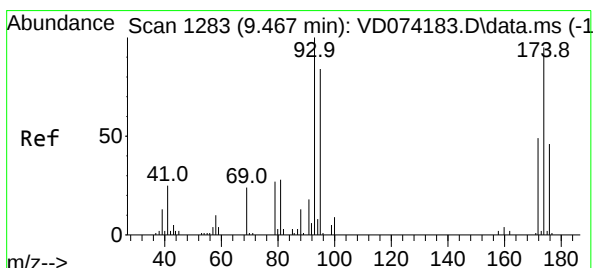
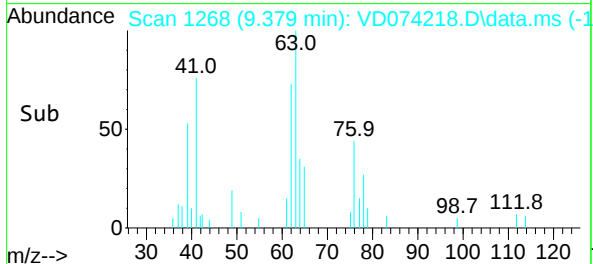
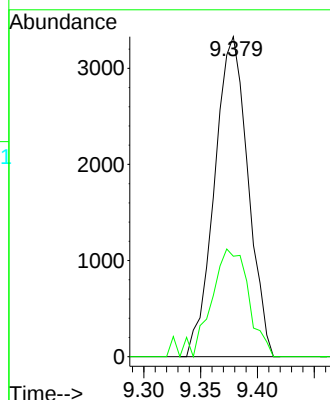
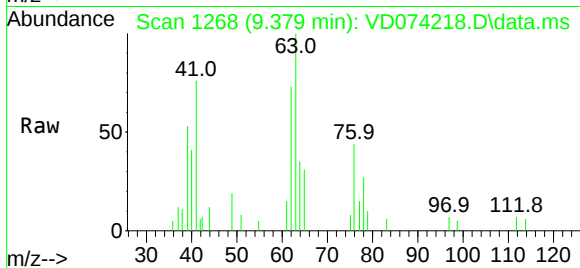
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 63 Resp: 6830

Ion Ratio Lower Upper

63 100

65 31.4 26.2 39.4



#46

Dibromomethane

Concen: 4.721 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

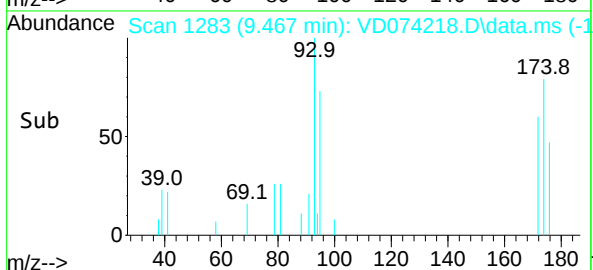
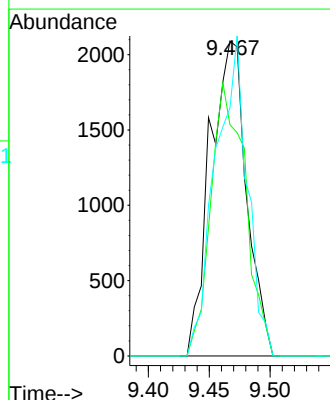
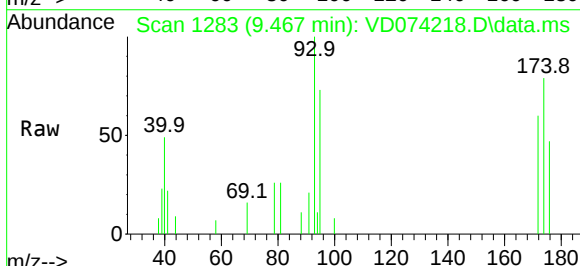
Tgt Ion: 93 Resp: 4365

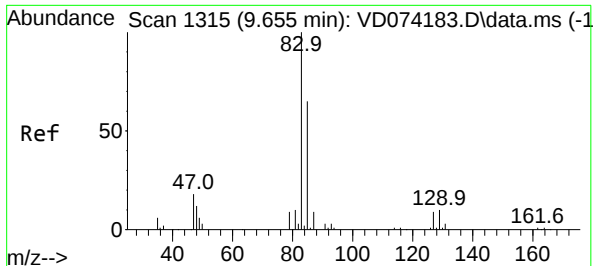
Ion Ratio Lower Upper

93 100

95 81.7 66.7 100.1

174 87.8 71.6 107.4





#47

Bromodichloromethane

Concen: 4.501 ug/l

RT: 9.649 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

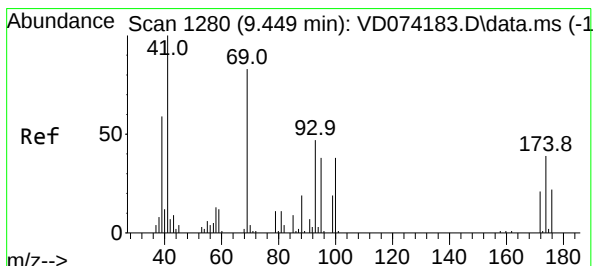
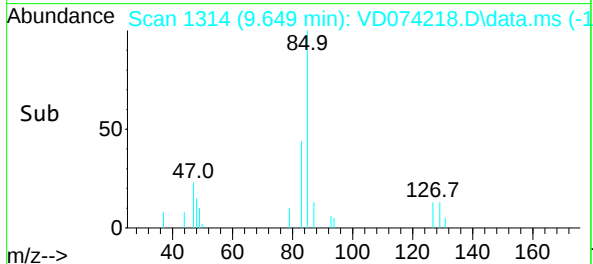
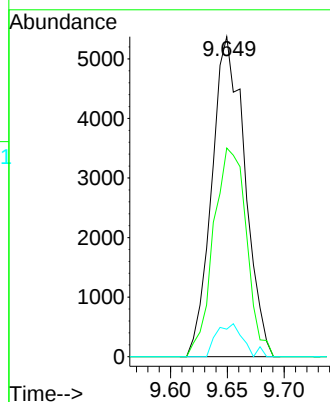
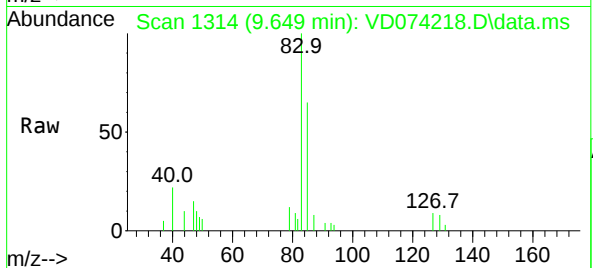
Tgt Ion: 83 Resp: 10823

Ion Ratio Lower Upper

83 100

85 65.2 51.4 77.0

127 8.6 6.1 9.1



#48

Methyl methacrylate

Concen: 3.917 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

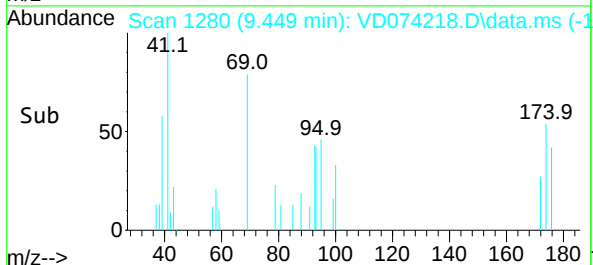
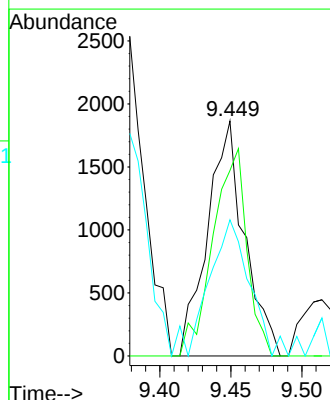
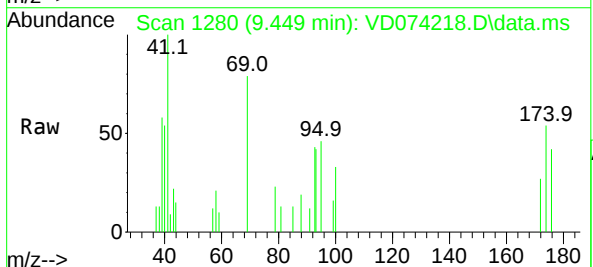
Tgt Ion: 41 Resp: 3383

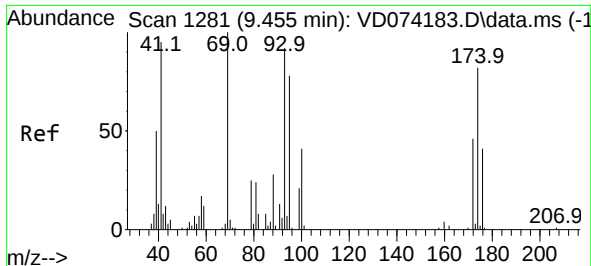
Ion Ratio Lower Upper

41 100

69 80.9 56.7 85.1

39 61.5 42.7 64.1





#49

1,4-Dioxane

Concen: 69.677 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.011 min

Lab File: VD074218.D

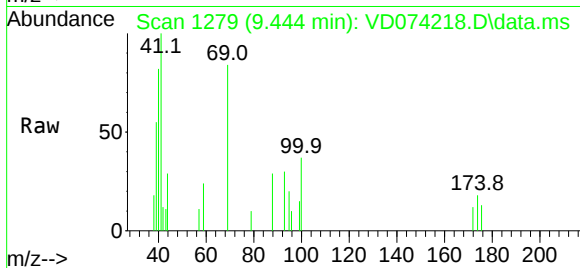
Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



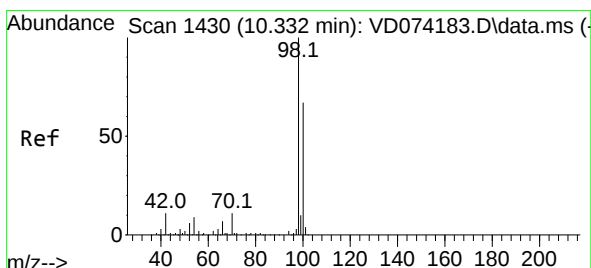
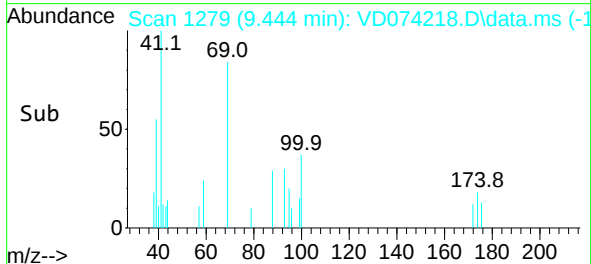
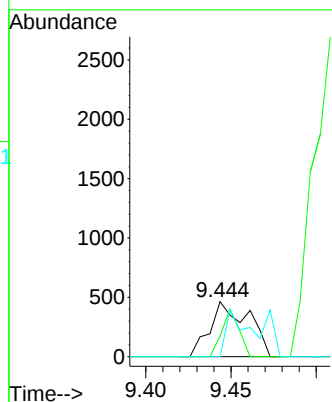
Tgt Ion: 88 Resp: 731

Ion Ratio Lower Upper

88 100

43 37.9 31.0 46.4

58 68.1 58.1 87.1



#50

Toluene-d8

Concen: 45.729 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074218.D

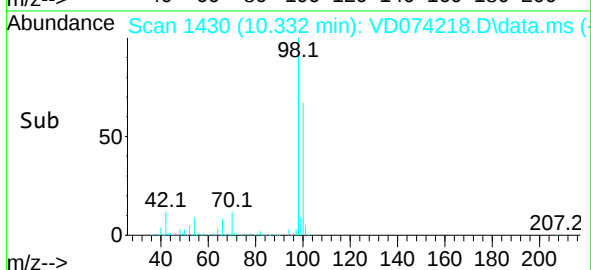
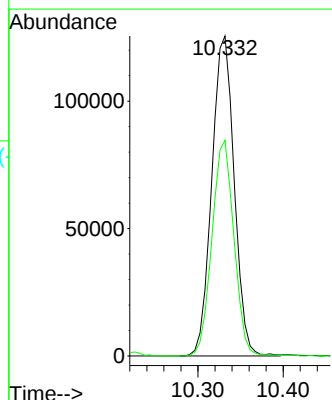
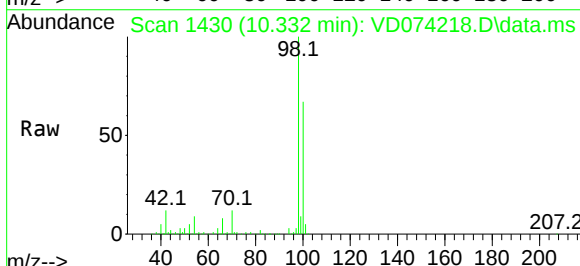
Acq: 24 Aug 2022 12:42

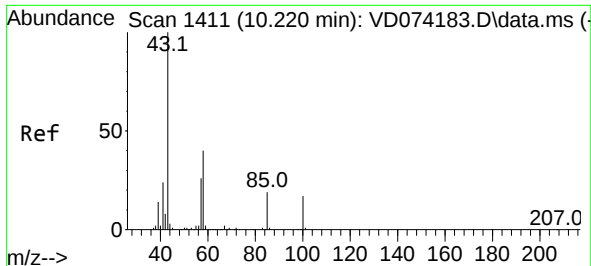
Tgt Ion: 98 Resp: 229344

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6

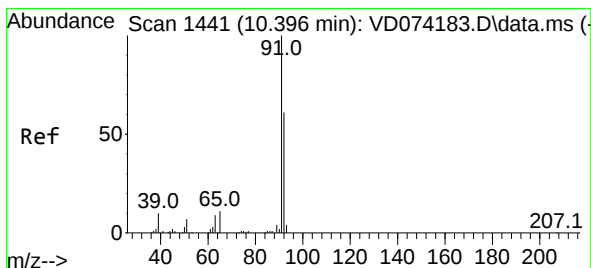
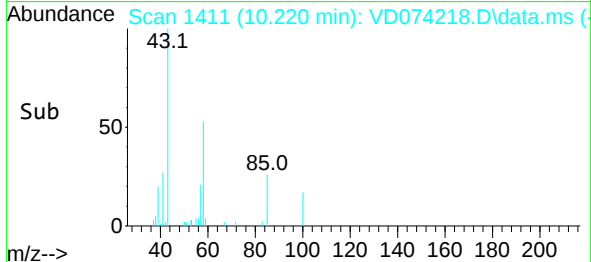
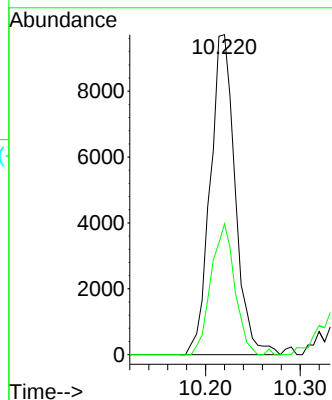
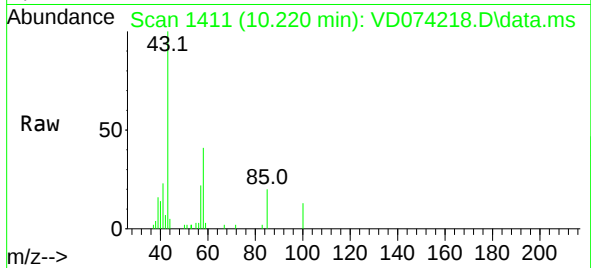




#51
4-Methyl-2-Pentanone
Concen: 19.058 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

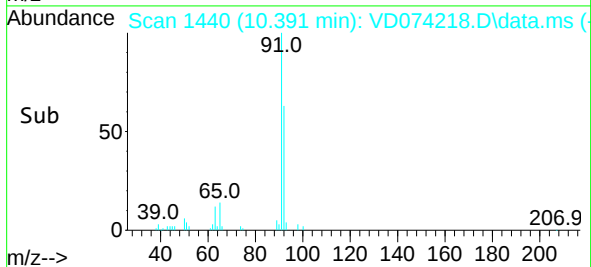
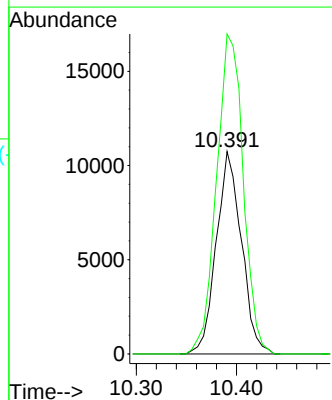
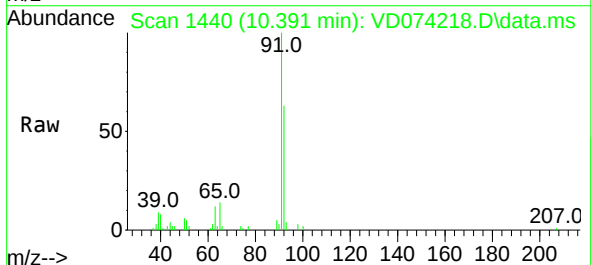
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

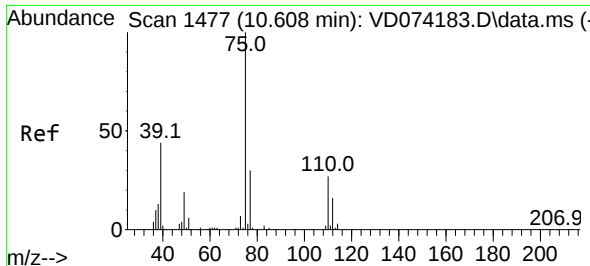
Tgt Ion: 43 Resp: 17785
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0



#52
Toluene
Concen: 4.283 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 92 Resp: 18691
Ion Ratio Lower Upper
92 100
91 167.8 139.6 209.4

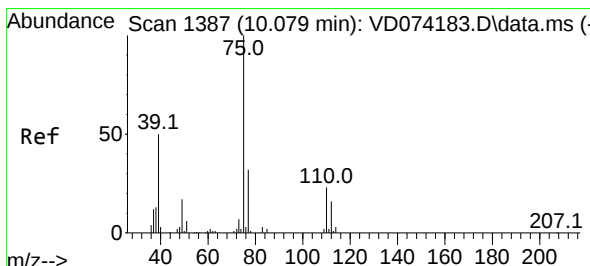
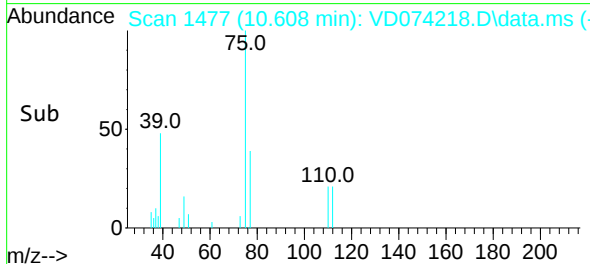
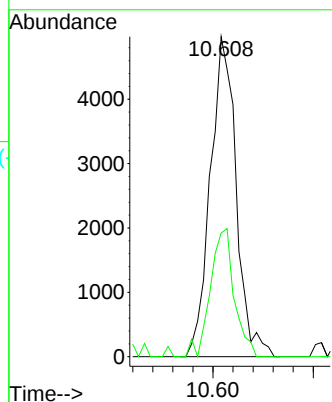
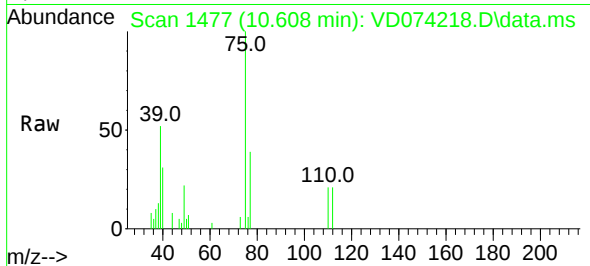




#53
 t-1,3-Dichloropropene
 Concen: 4.074 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. 0.000 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

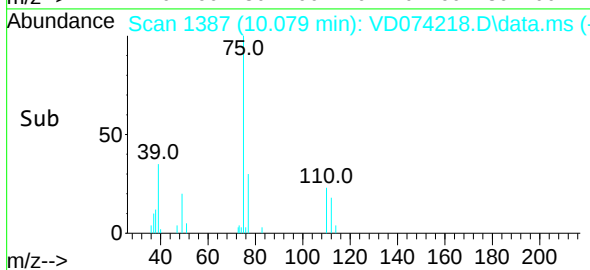
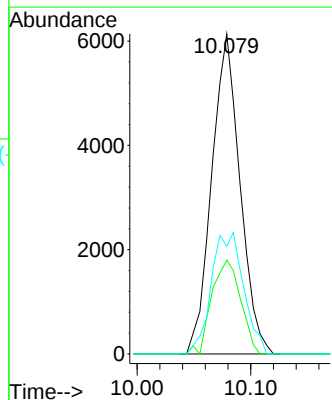
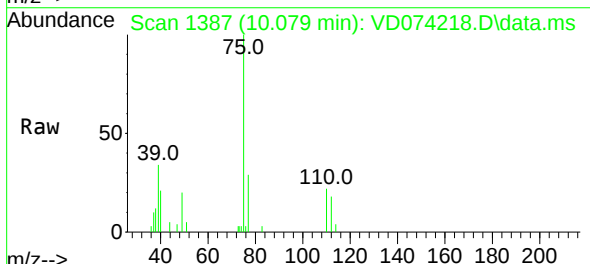
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

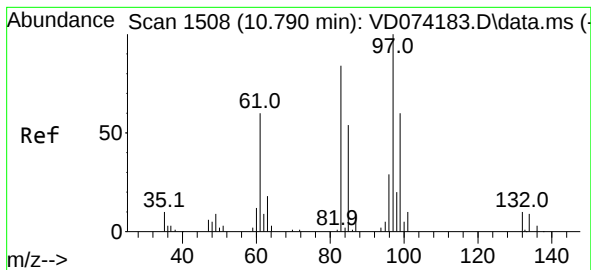
Tgt Ion: 75 Resp: 8884
 Ion Ratio Lower Upper
 75 100
 77 38.6 24.5 36.7#



#54
 cis-1,3-Dichloropropene
 Concen: 4.100 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

Tgt Ion: 75 Resp: 10602
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.8 37.2
 39 33.6 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 4.323 ug/l

RT: 10.785 min Scan# 1507

Delta R.T. -0.005 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 97 Resp: 5466

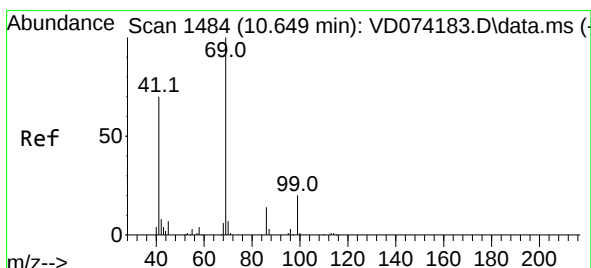
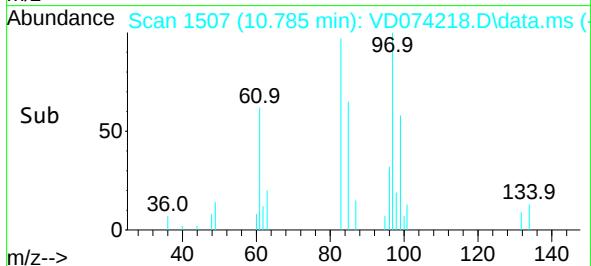
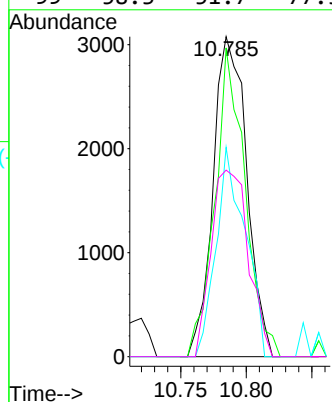
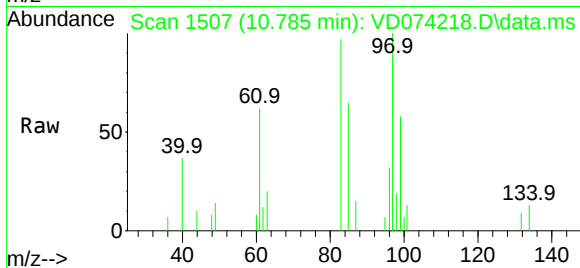
Ion Ratio Lower Upper

97 100

83 96.5 69.0 103.4

85 65.4 42.6 63.8#

99 58.3 51.7 77.5



#56

Ethyl methacrylate

Concen: 3.880 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

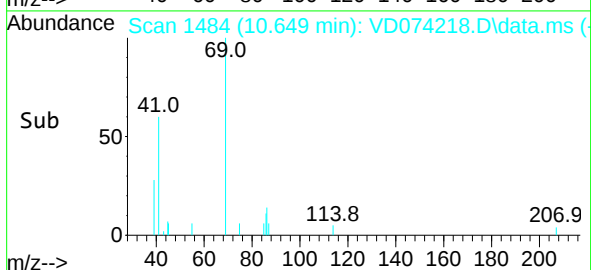
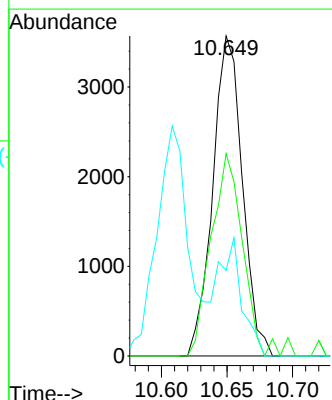
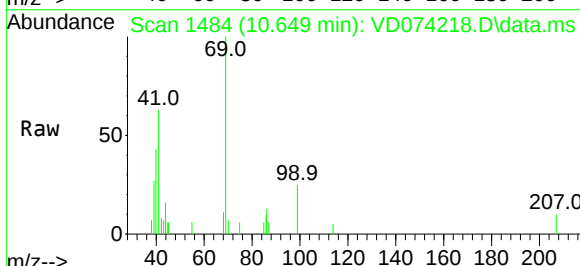
Tgt Ion: 69 Resp: 5605

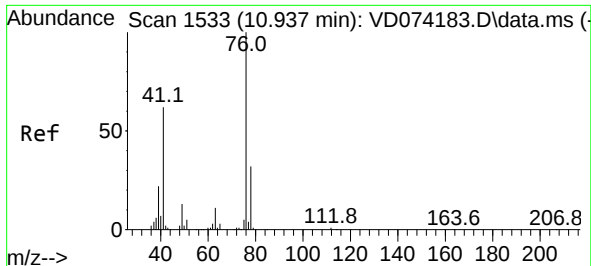
Ion Ratio Lower Upper

69 100

41 65.9 63.0 94.6

39 28.0 33.8 50.8#





#57

1,3-Dichloropropane

Concen: 4.394 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.005 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

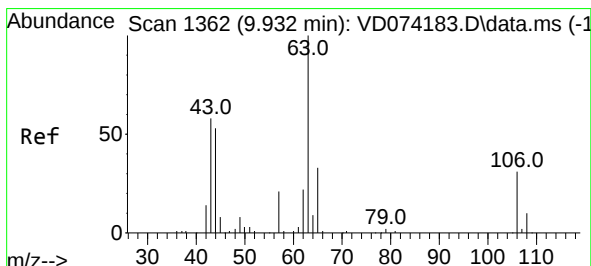
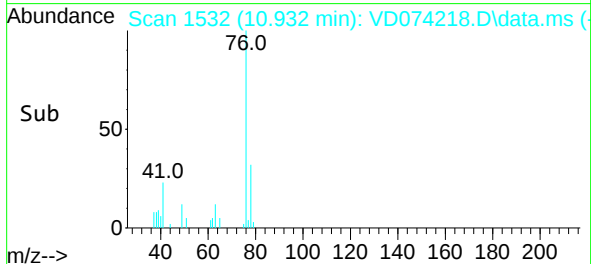
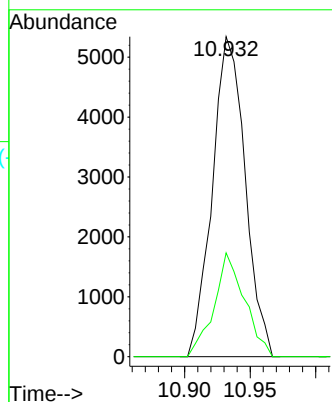
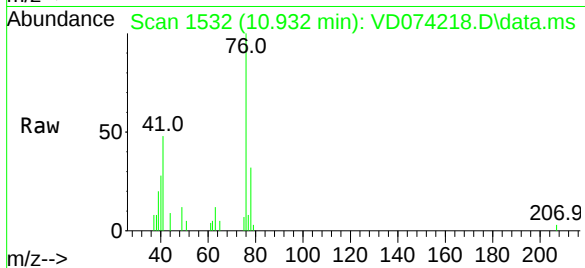
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 76 Resp: 9286

Ion Ratio Lower Upper

76 100

78 30.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 17.756 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074218.D

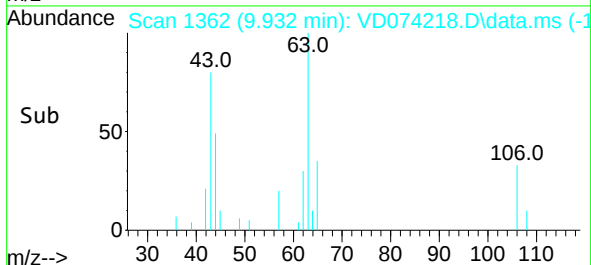
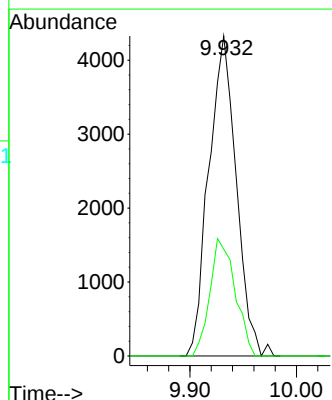
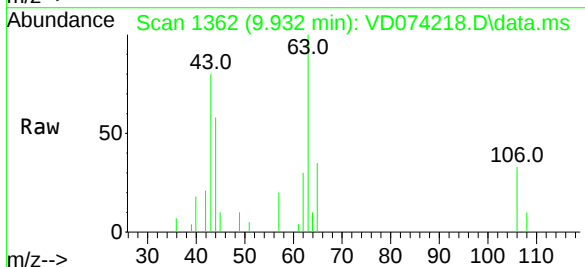
Acq: 24 Aug 2022 12:42

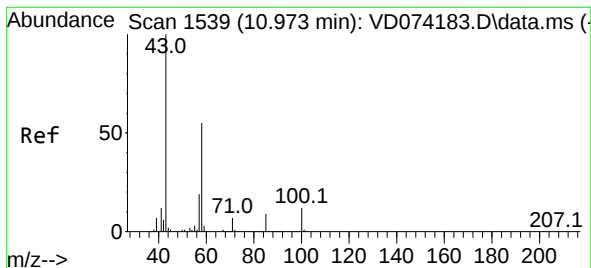
Tgt Ion: 63 Resp: 7764

Ion Ratio Lower Upper

63 100

106 33.6 21.4 32.0#

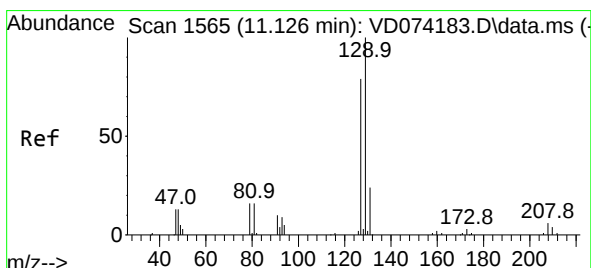
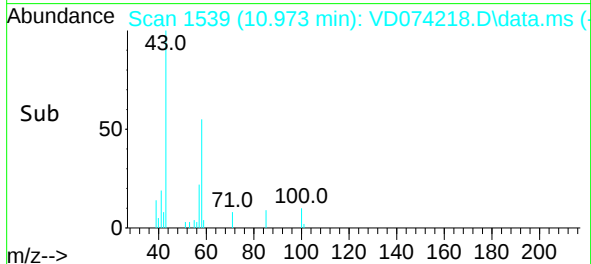
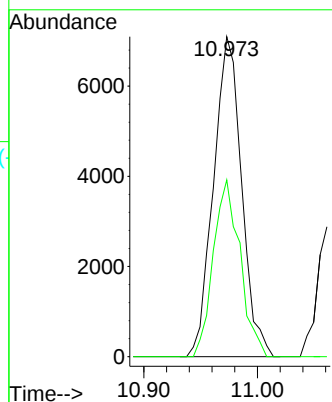
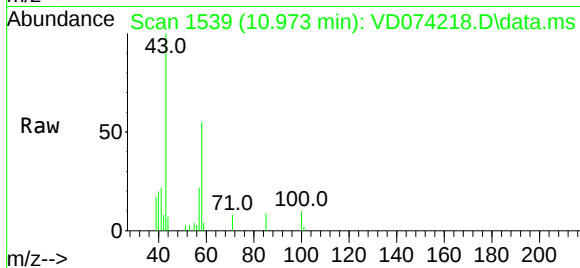




#59
2-Hexanone
Concen: 19.391 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

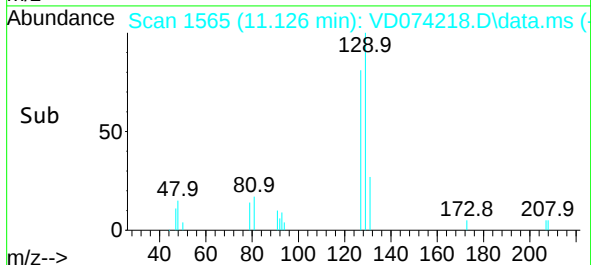
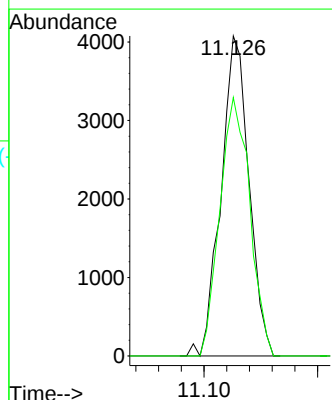
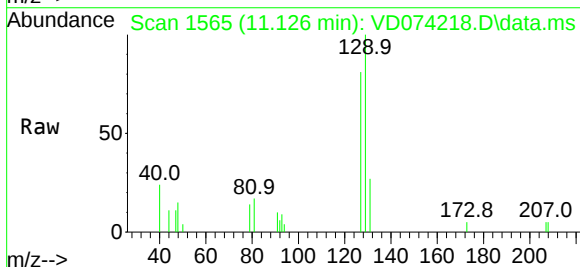
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

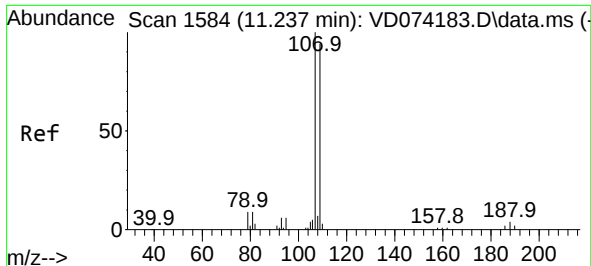
Tgt Ion: 43 Resp: 12201
Ion Ratio Lower Upper
43 100
58 52.5 25.3 75.9



#60
Dibromochloromethane
Concen: 4.239 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 129 Resp: 6961
Ion Ratio Lower Upper
129 100
127 86.7 39.2 117.6

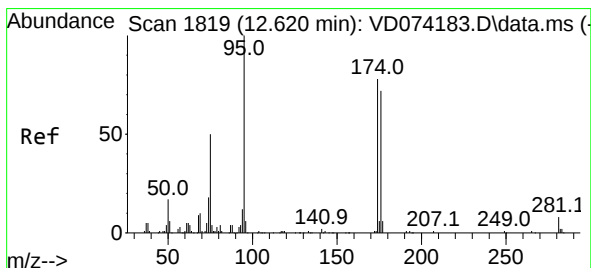
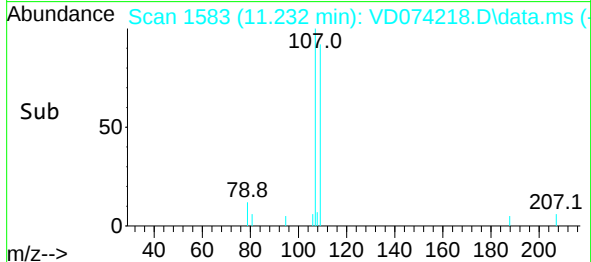
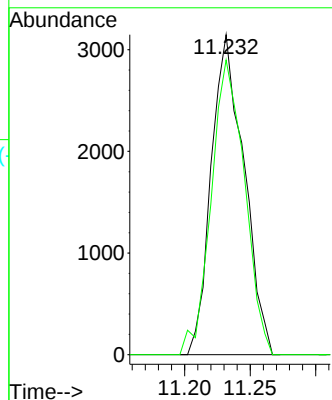
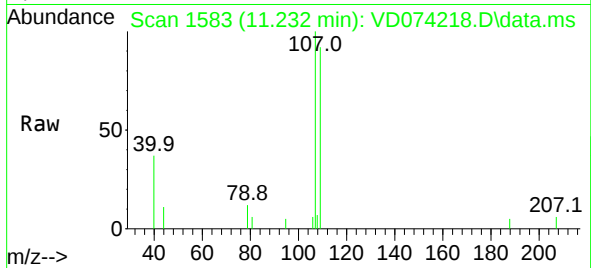




#61
1,2-Dibromoethane
Concen: 4.424 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

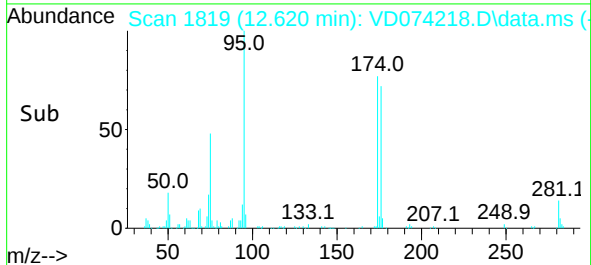
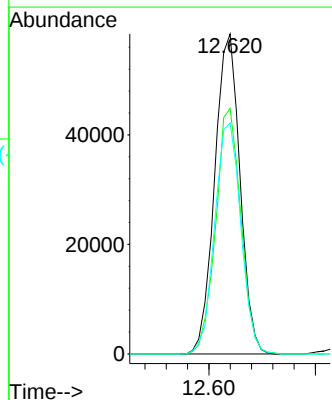
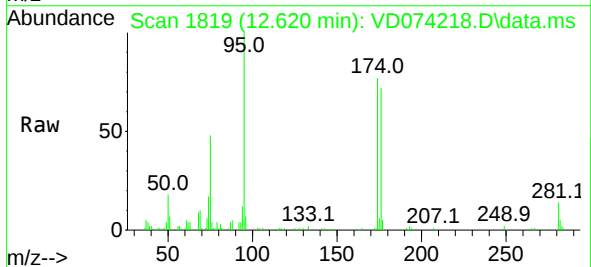
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

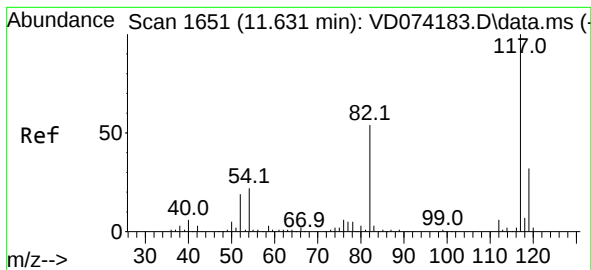
Tgt Ion:107 Resp: 5457
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.491 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 95 Resp: 96077
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 74.9 0.0 145.4

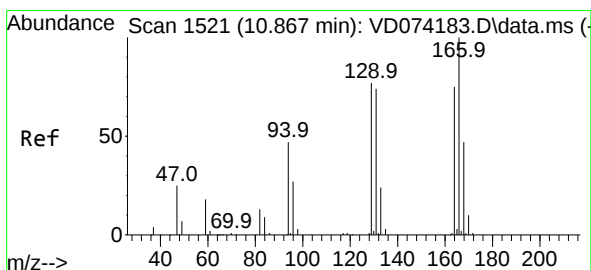
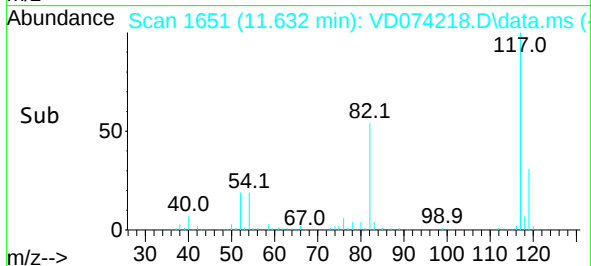
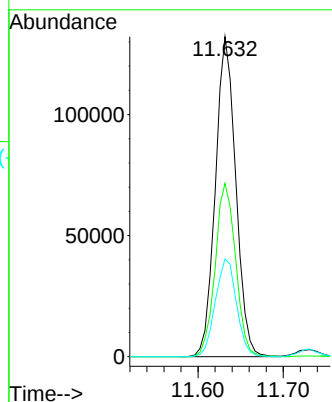
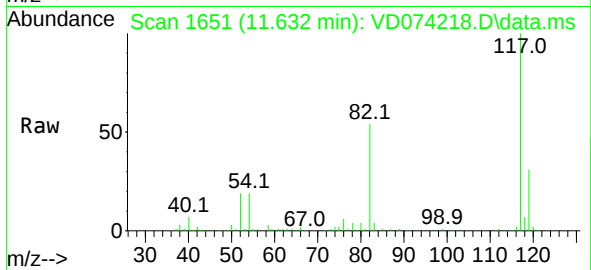




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1165
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

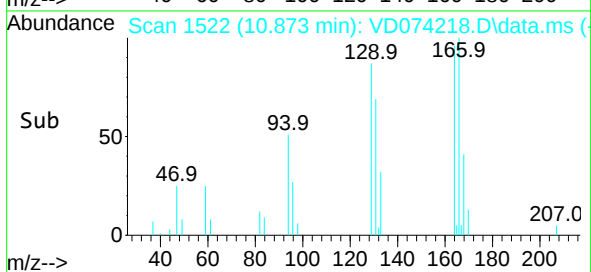
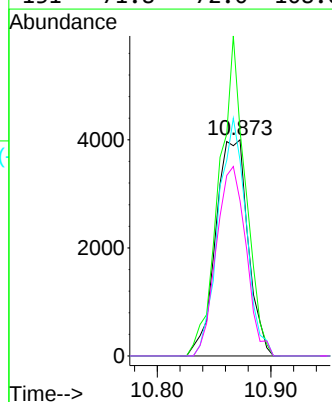
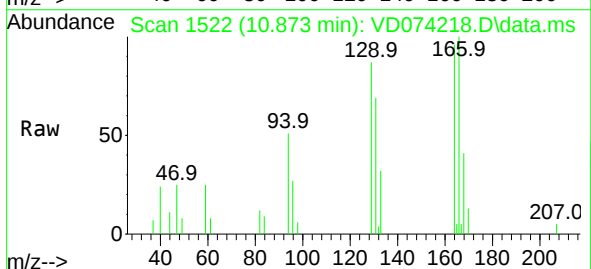
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

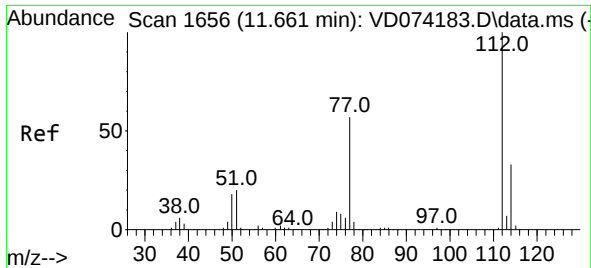
Tgt Ion:117 Resp: 219978
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 30.6 26.6 40.0



#64
Tetrachloroethene
Concen: 4.913 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:164 Resp: 7887
Ion Ratio Lower Upper
164 100
166 104.2 98.5 147.7
129 90.5 74.6 111.8
131 71.8 72.0 108.0#

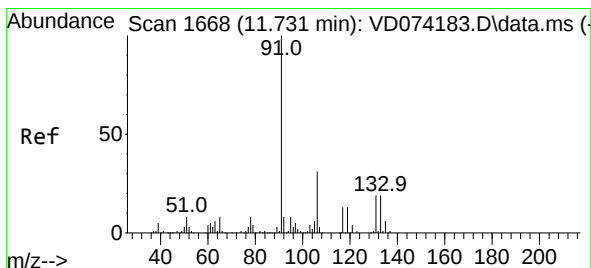
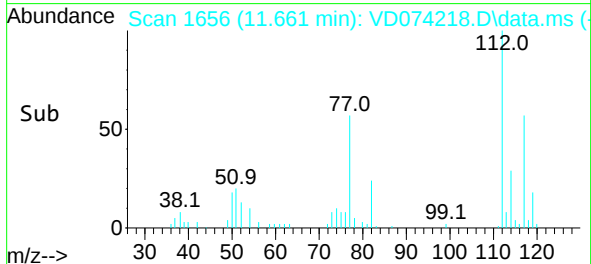
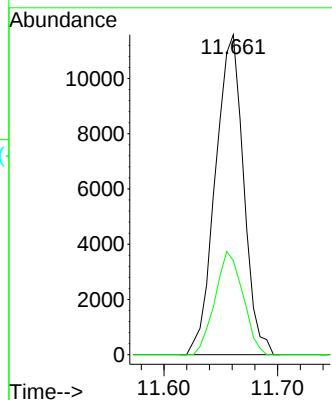
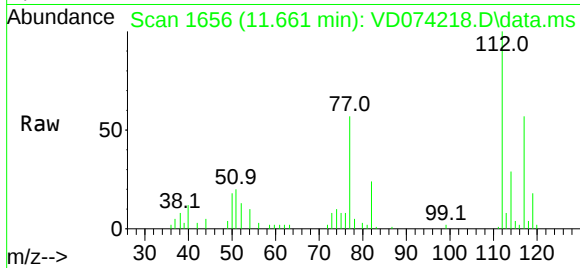




#65
Chlorobenzene
Concen: 4.173 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

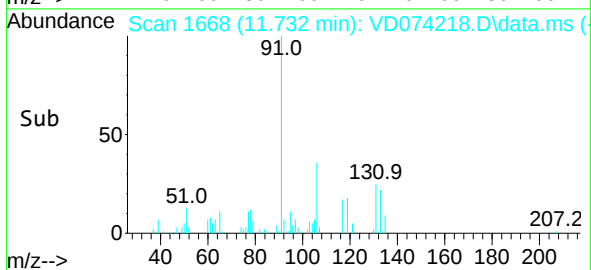
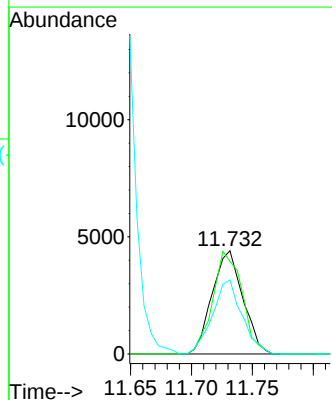
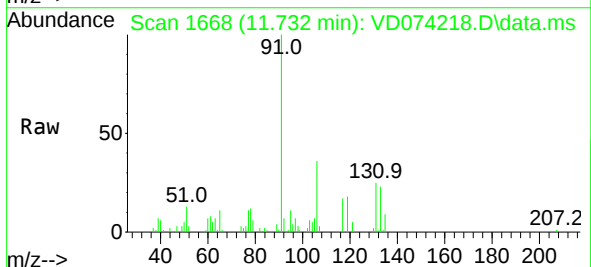
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

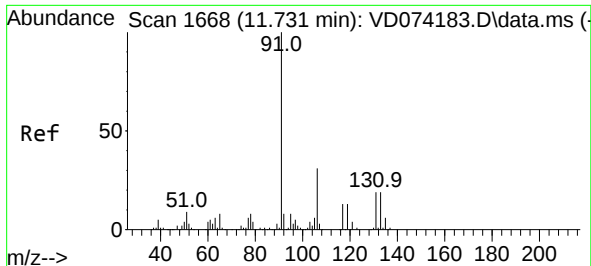
Tgt Ion:112 Resp: 20004
Ion Ratio Lower Upper
112 100
114 29.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.298 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:131 Resp: 7746
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.3
119 68.8 31.9 95.9





#67

Ethyl Benzene

Concen: 3.724 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.001 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

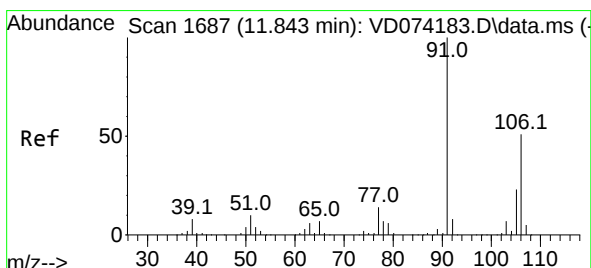
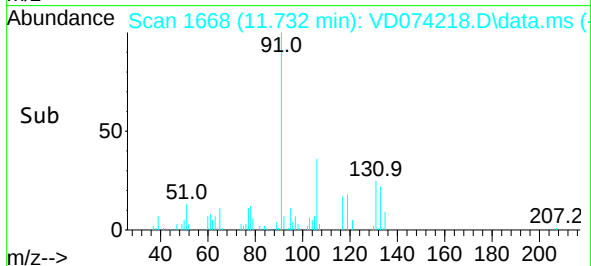
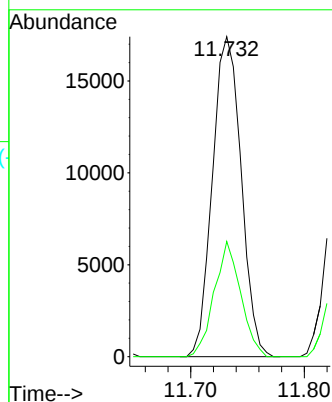
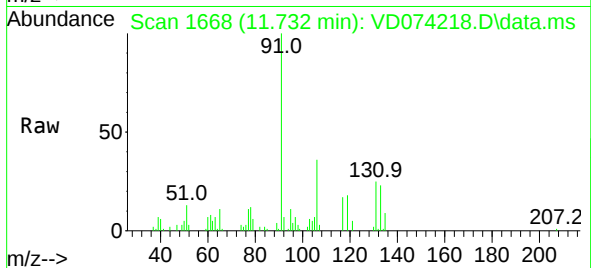
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 30556

Ion Ratio Lower Upper

91 100

106 36.0 24.2 36.4



#68

m/p-Xylenes

Concen: 6.990 ug/l

RT: 11.838 min Scan# 1686

Delta R.T. -0.005 min

Lab File: VD074218.D

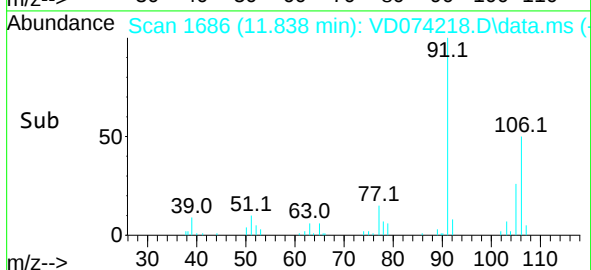
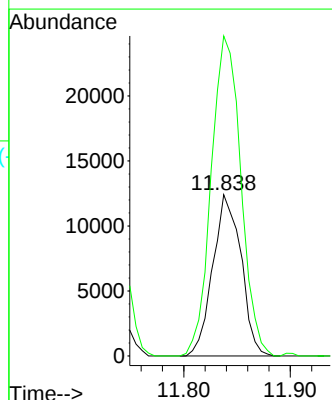
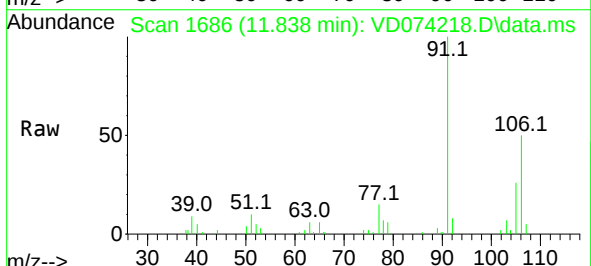
Acq: 24 Aug 2022 12:42

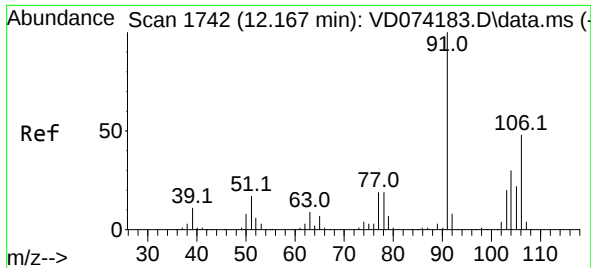
Tgt Ion: 106 Resp: 22844

Ion Ratio Lower Upper

106 100

91 208.1 163.7 245.5

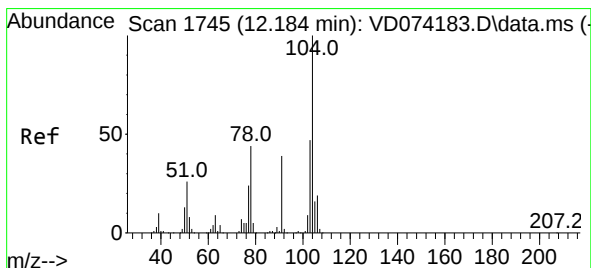
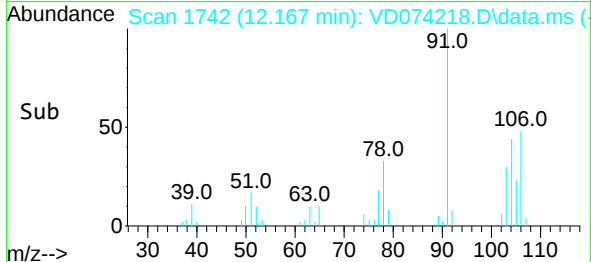
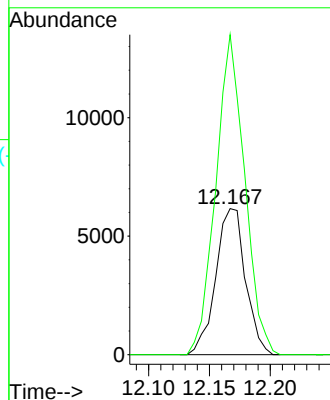
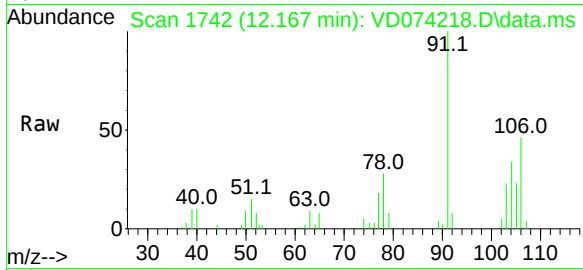




#69
o-Xylene
Concen: 3.476 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

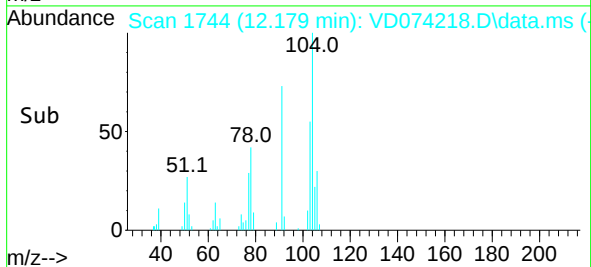
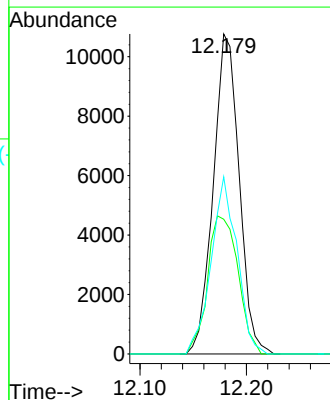
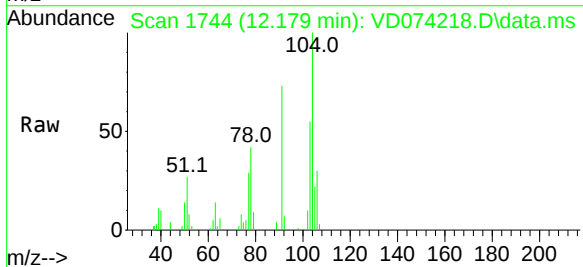
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

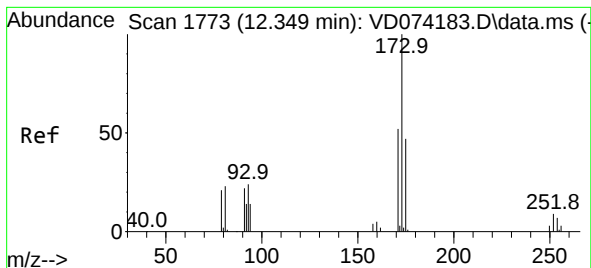
Tgt Ion:106 Resp: 10481
Ion Ratio Lower Upper
106 100
91 212.8 110.4 331.2



#70
Styrene
Concen: 3.514 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:104 Resp: 18166
Ion Ratio Lower Upper
104 100
78 50.8 41.8 62.8
103 55.4 44.2 66.4





#71

Bromoform

Concen: 4.559 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

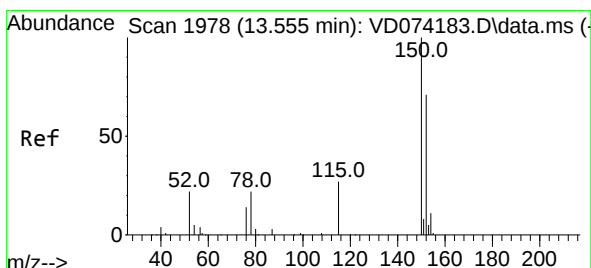
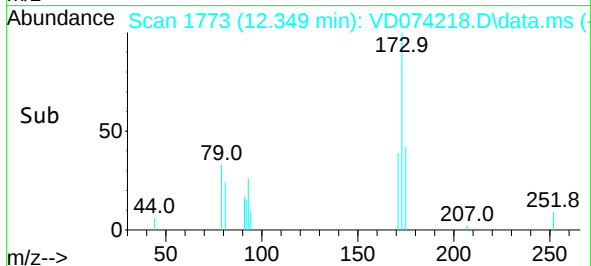
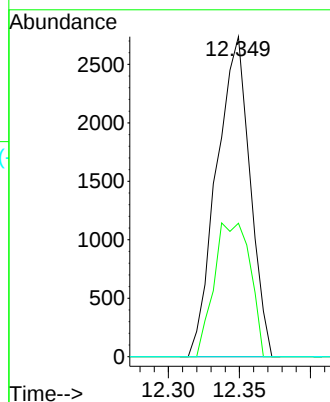
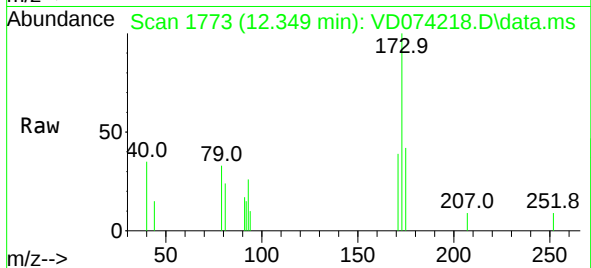
Tgt Ion:173 Resp: 4469

Ion Ratio Lower Upper

173 100

175 45.3 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

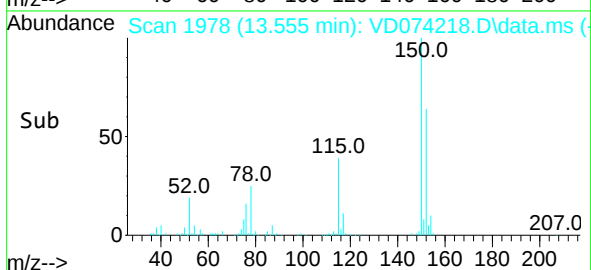
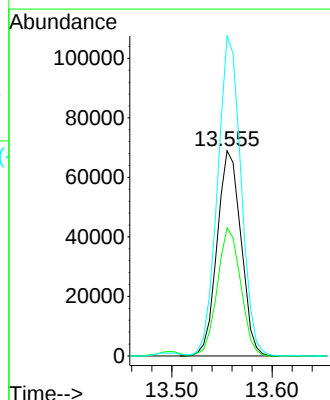
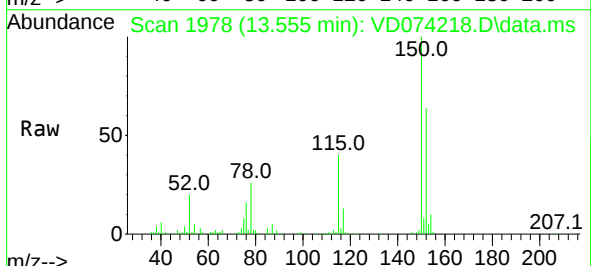
Tgt Ion:152 Resp: 113967

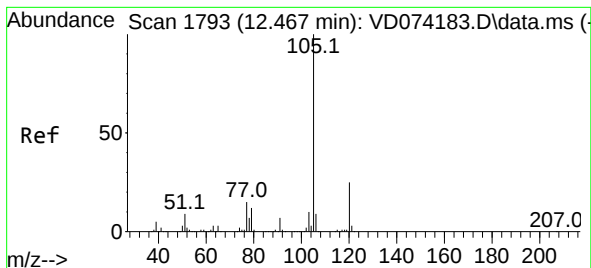
Ion Ratio Lower Upper

152 100

115 61.2 31.3 93.8

150 153.4 0.0 348.6





#73

Isopropylbenzene

Concen: 3.523 ug/l

RT: 12.467 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

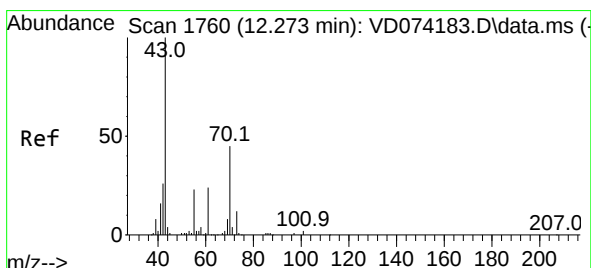
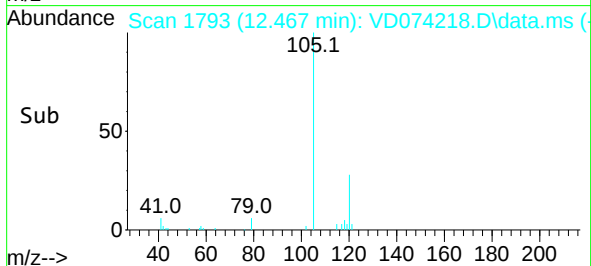
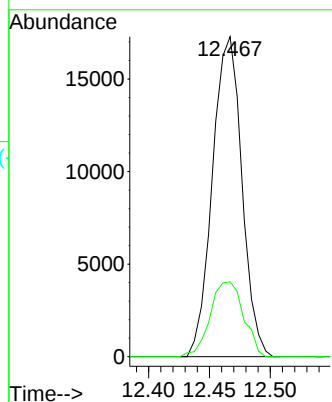
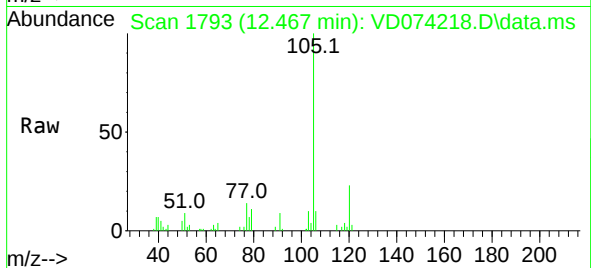
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:105 Resp: 29070

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9



#74

N-ethyl acetate

Concen: 3.411 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. -0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Tgt Ion: 43 Resp: 6123

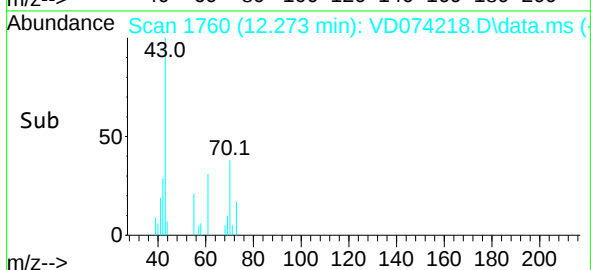
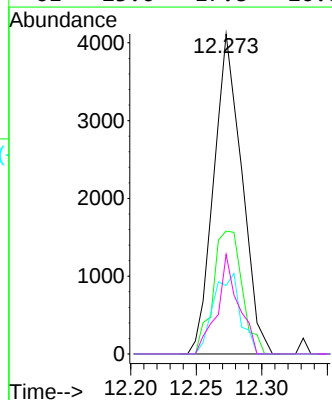
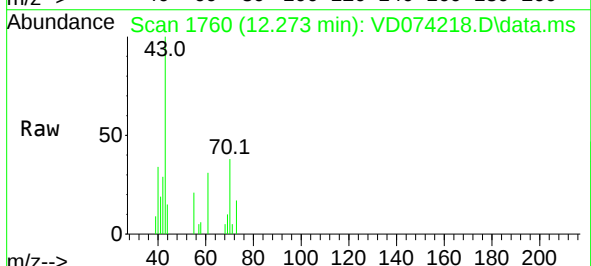
Ion Ratio Lower Upper

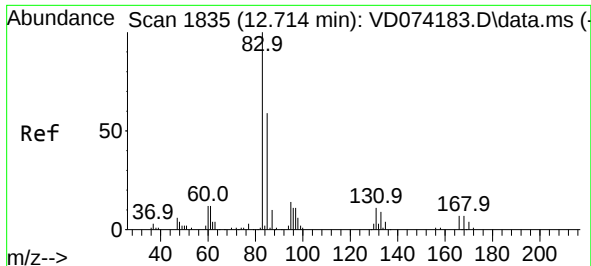
43 100

70 39.9 31.3 46.9

55 24.0 20.0 30.0

61 23.6 17.8 26.8

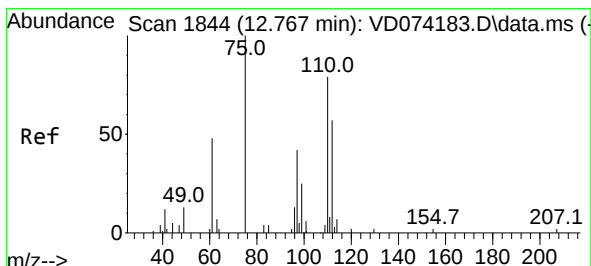
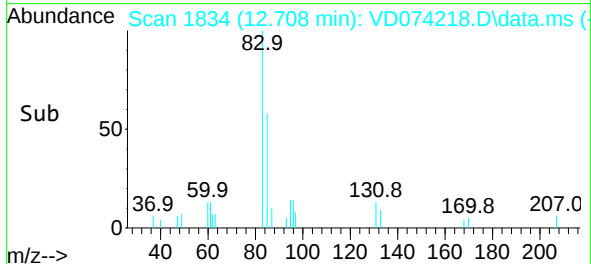
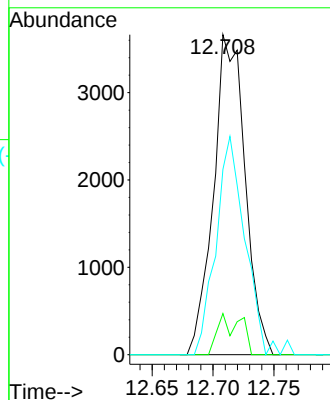
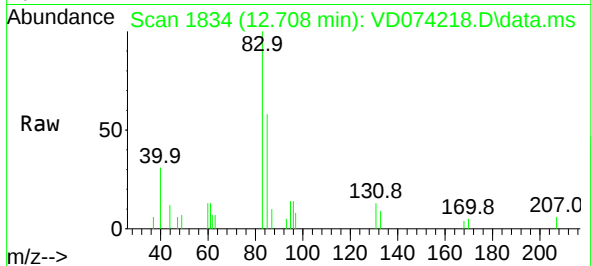




#75
1,1,2,2-Tetrachloroethane
Concen: 4.479 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

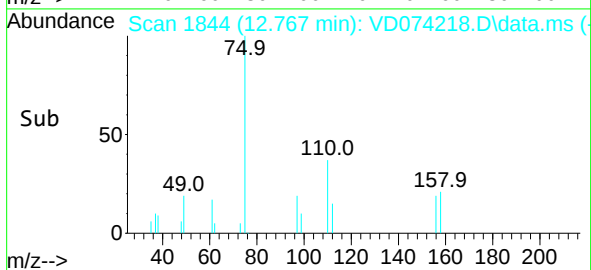
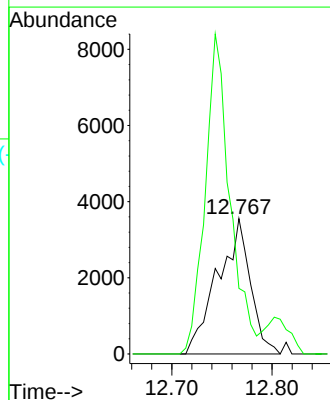
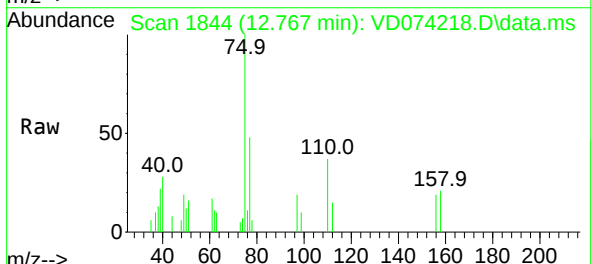
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

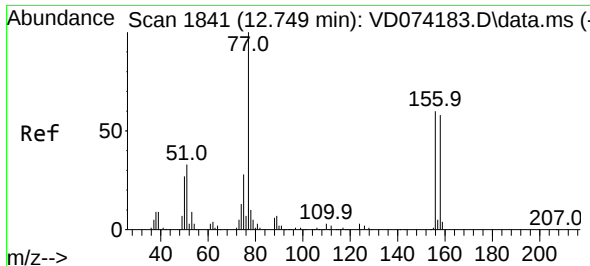
Tgt Ion:	83	Resp:	6601
Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.0	14.9
85	63.4	32.6	98.0



#76
1,2,3-Trichloropropane
Concen: 7.207 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:	75	Resp:	8020
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

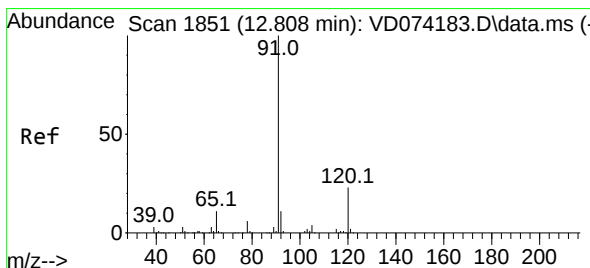
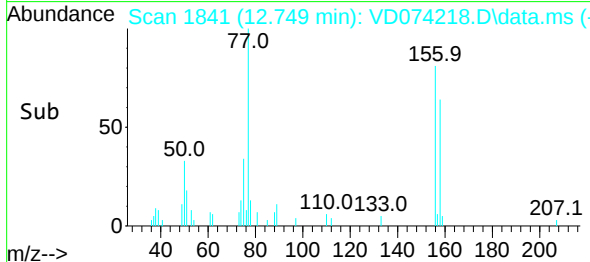
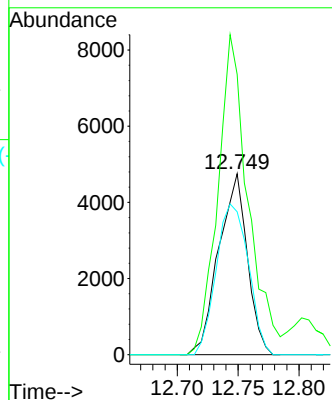
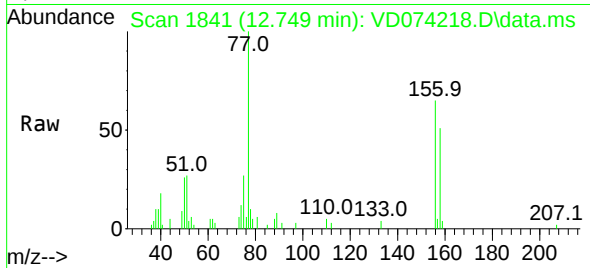




#77
Bromobenzene
Concen: 3.973 ug/l
RT: 12.749 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

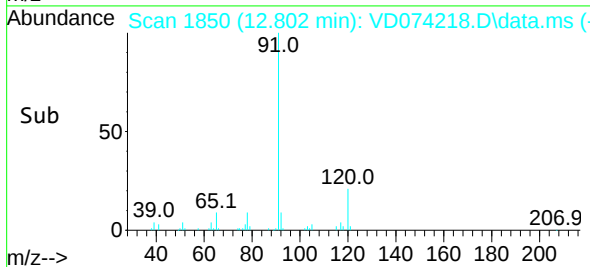
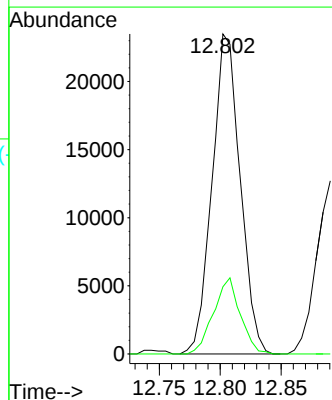
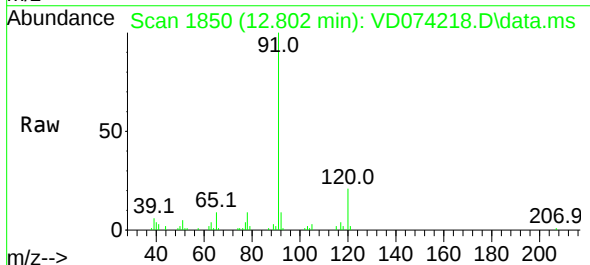
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

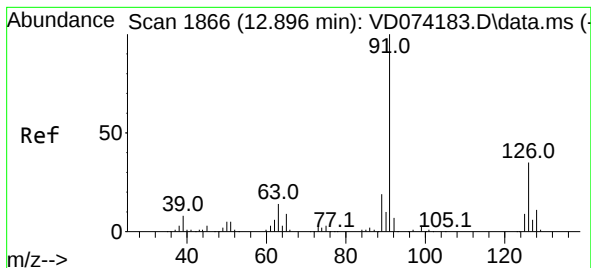
Tgt Ion:156 Resp: 7767
Ion Ratio Lower Upper
156 100
77 186.1 102.8 308.3
158 93.7 48.7 146.1



#78
n-propylbenzene
Concen: 3.732 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 91 Resp: 37666
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 3.752 ug/l

RT: 12.890 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

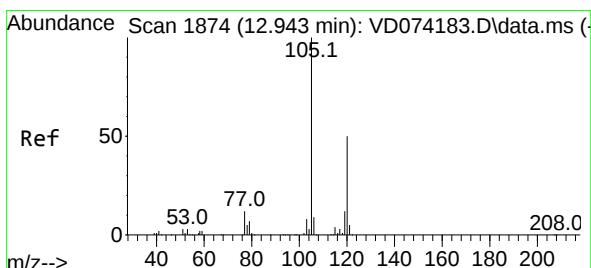
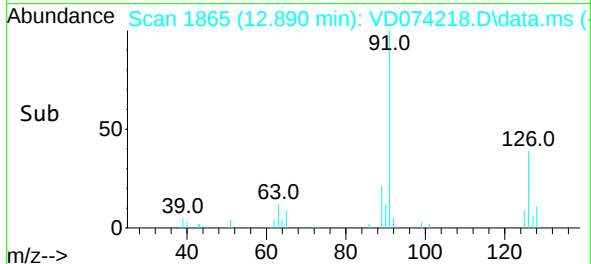
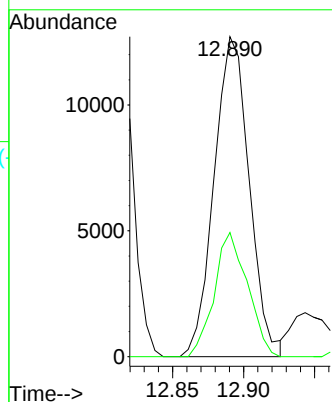
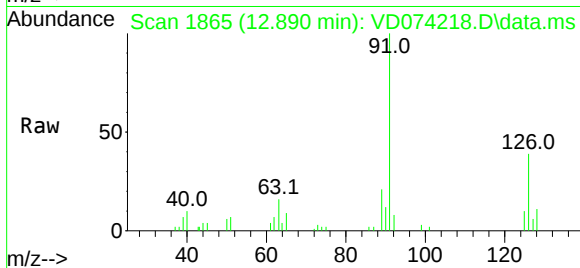
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 21864

Ion Ratio Lower Upper

91 100

126 36.7 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 3.493 ug/l

RT: 12.943 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VD074218.D

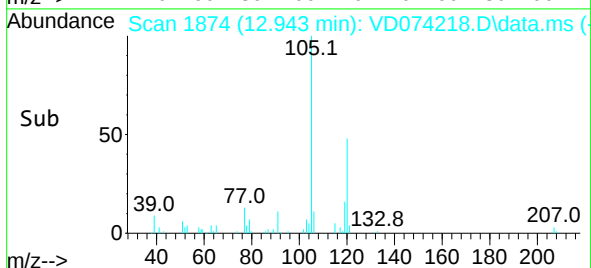
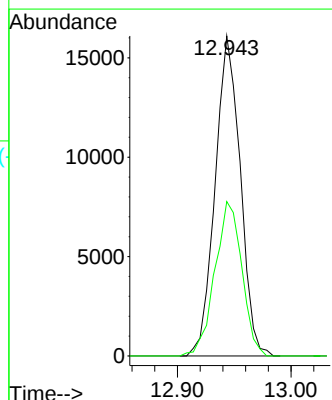
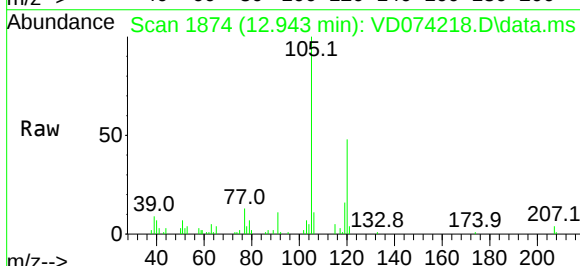
Acq: 24 Aug 2022 12:42

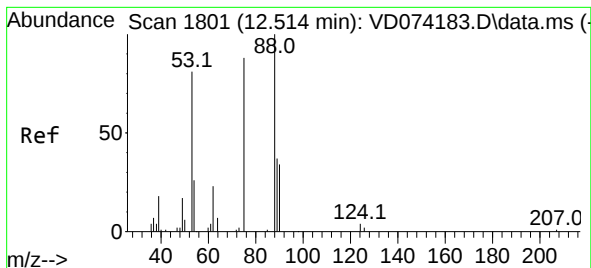
Tgt Ion:105 Resp: 24764

Ion Ratio Lower Upper

105 100

120 51.8 24.3 72.8

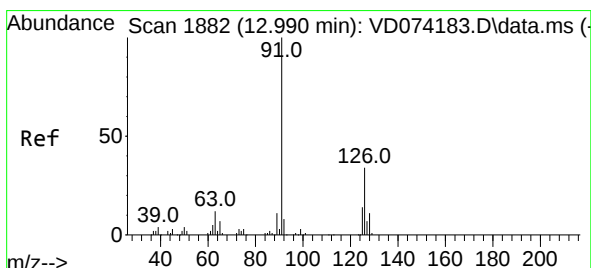
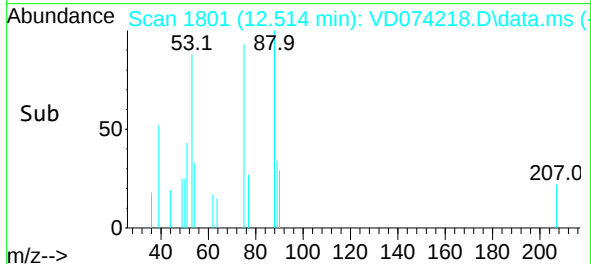
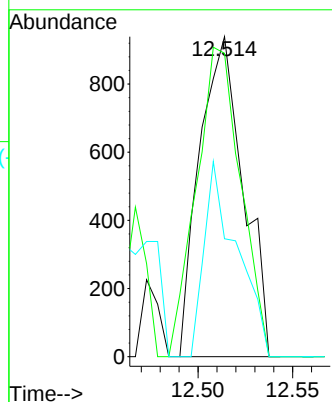
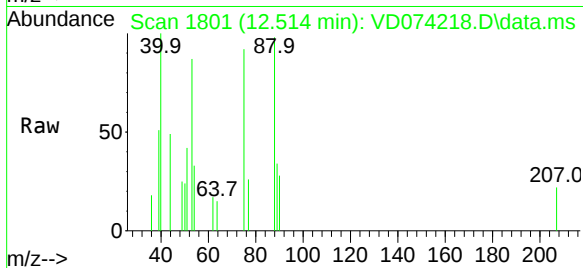




#81
trans-1,4-Dichloro-2-butene
Concen: 3.496 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

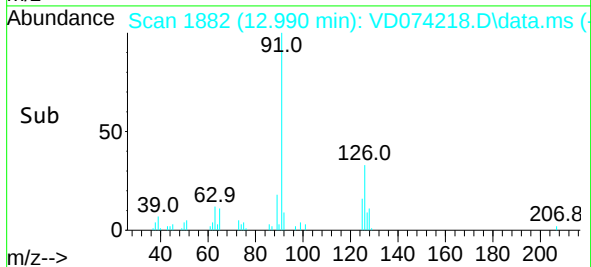
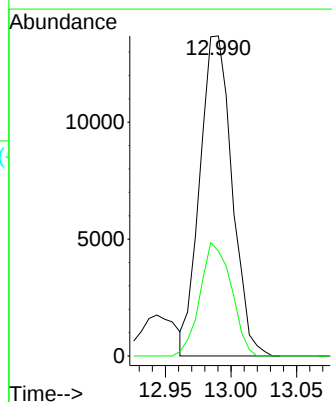
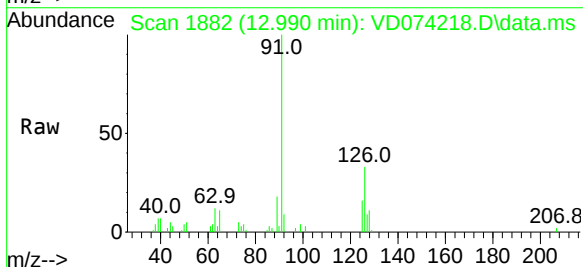
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

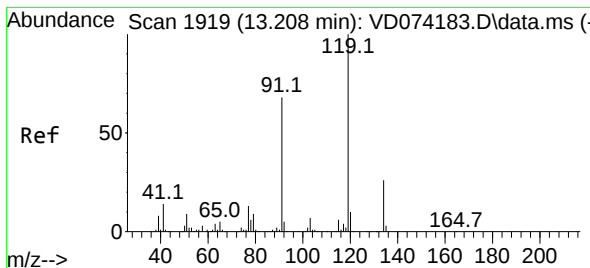
Tgt Ion: 75 Resp: 1513
Ion Ratio Lower Upper
75 100
53 98.0 86.5 129.7
89 45.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 3.798 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 91 Resp: 23416
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5





#83

tert-Butylbenzene

Concen: 3.599 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

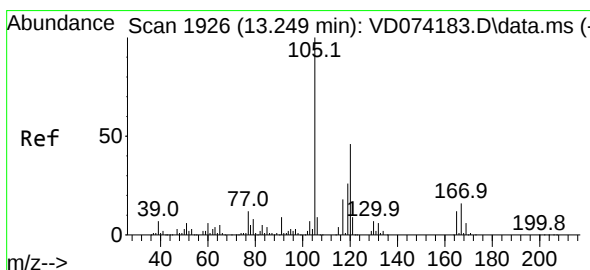
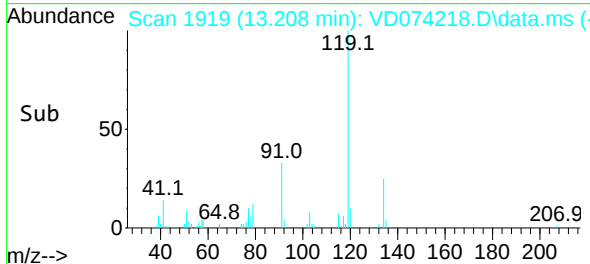
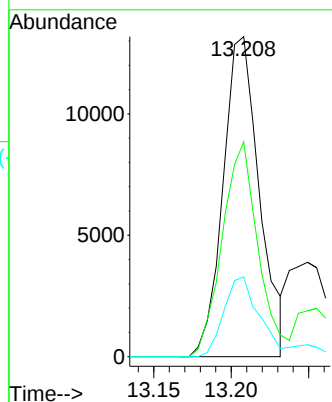
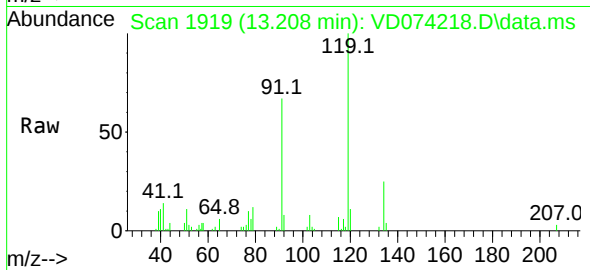
Tgt Ion:119 Resp: 21493

Ion Ratio Lower Upper

119 100

91 66.3 34.8 104.5

134 24.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 3.467 ug/l

RT: 13.249 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VD074218.D

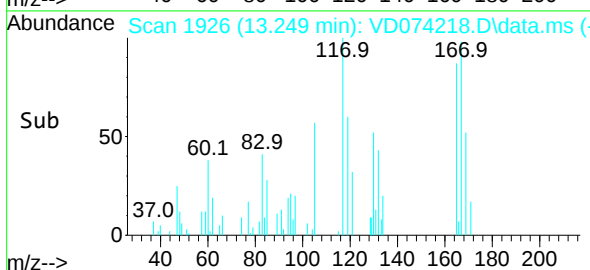
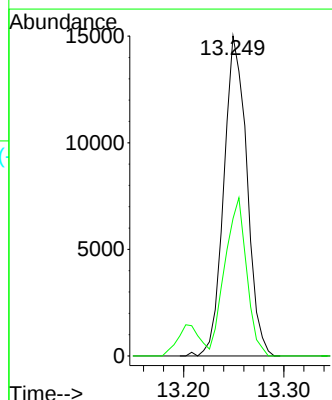
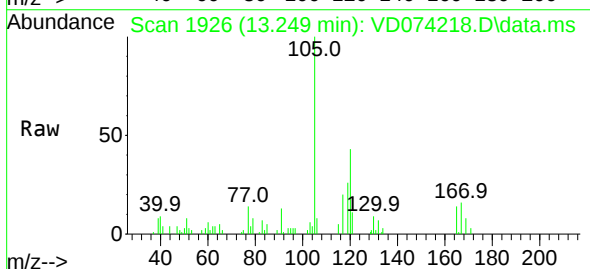
Acq: 24 Aug 2022 12:42

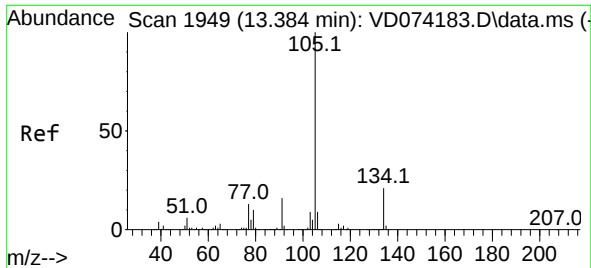
Tgt Ion:105 Resp: 23922

Ion Ratio Lower Upper

105 100

120 46.7 22.3 66.8

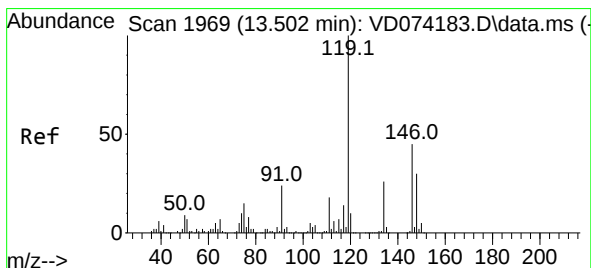
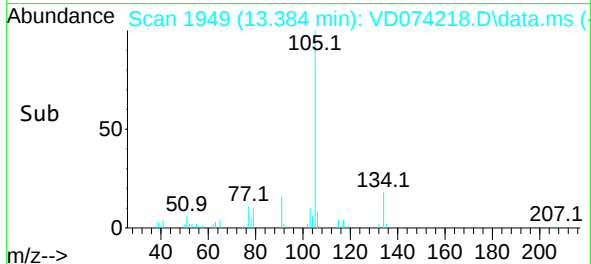
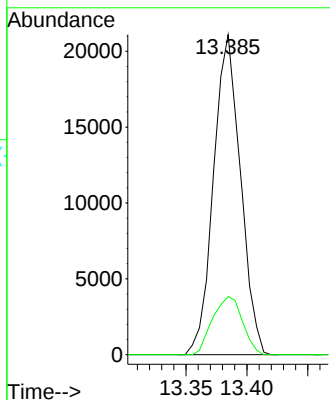
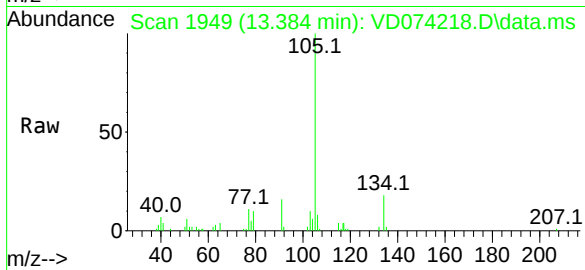




#85
 sec-Butylbenzene
 Concen: 3.603 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

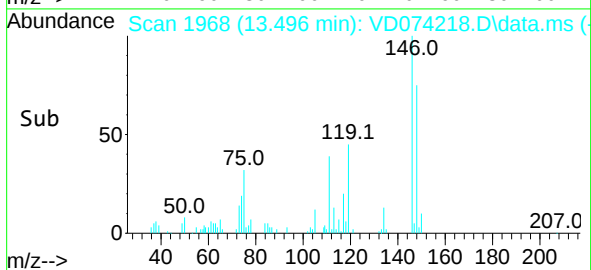
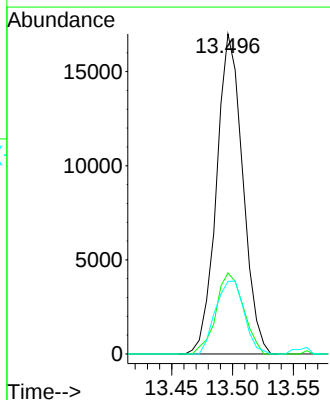
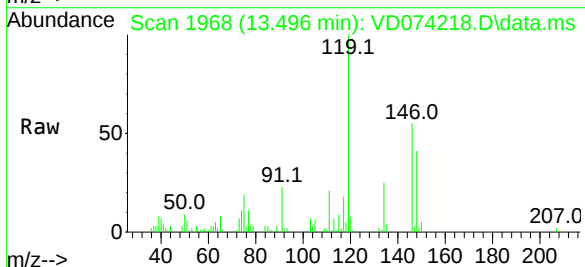
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

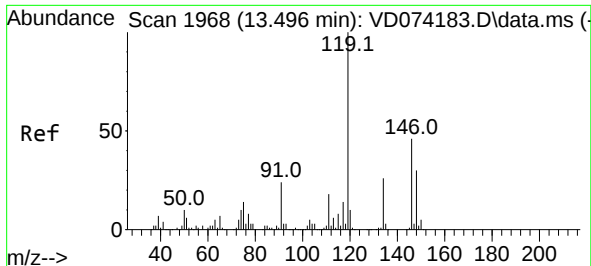
Tgt Ion:105 Resp: 32522
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 3.423 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

Tgt Ion:119 Resp: 25498
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 24.8 12.1 36.3

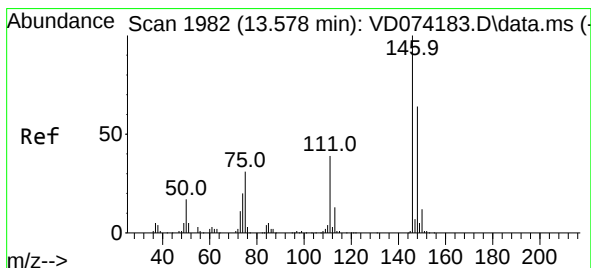
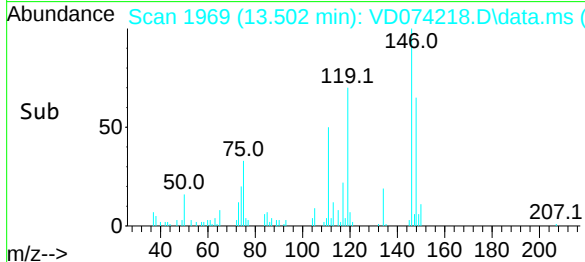
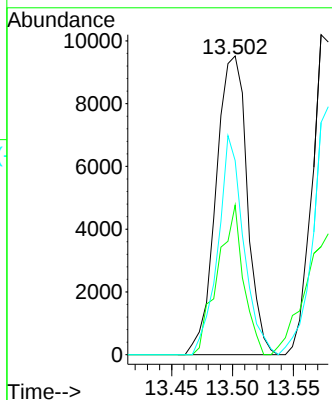
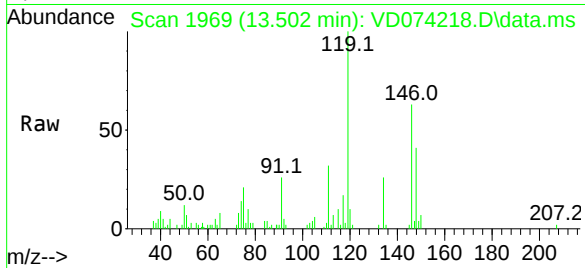




#87
1,3-Dichlorobenzene
Concen: 4.275 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

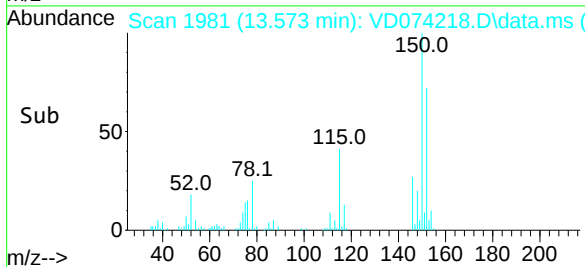
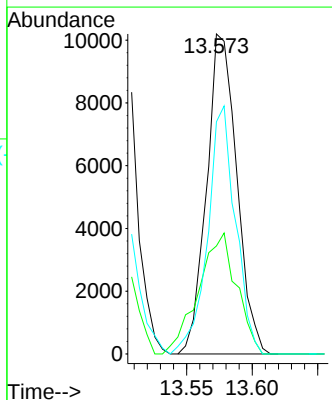
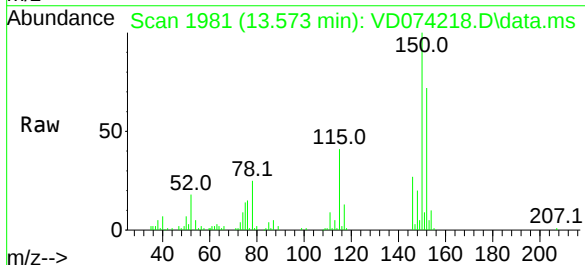
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

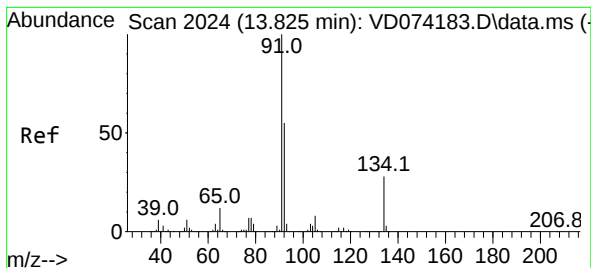
Tgt Ion:146 Resp: 16908
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.3
148 60.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 4.095 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:146 Resp: 16317
Ion Ratio Lower Upper
146 100
111 47.7 20.3 60.9
148 71.4 31.7 95.1





#89

n-Butylbenzene

Concen: 3.729 ug/l

RT: 13.826 min Scan# 20

Delta R.T. 0.001 min

Lab File: VD074218.D

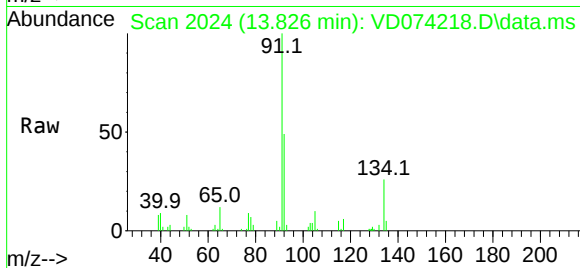
Acq: 24 Aug 2022 12:42

Instrument :

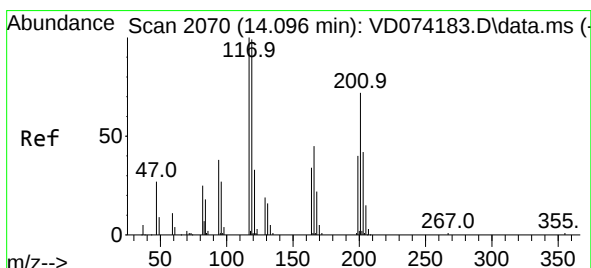
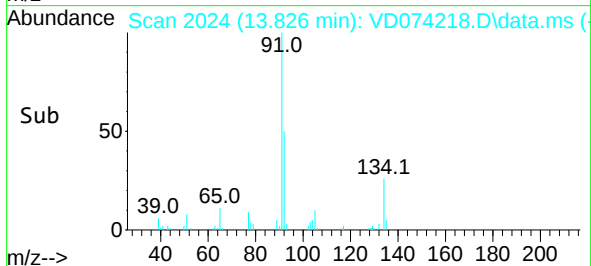
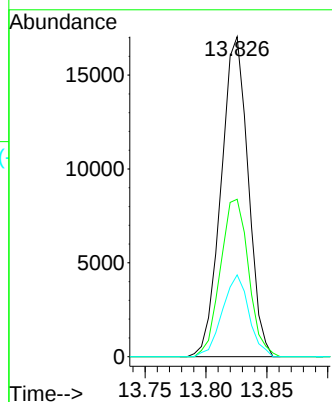
MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:	91	Resp:	26324
Ion Ratio	Lower	Upper	
91	100		
92	51.4	26.6	79.8
134	25.1	12.3	36.9



#90

Hexachloroethane

Concen: 4.378 ug/l

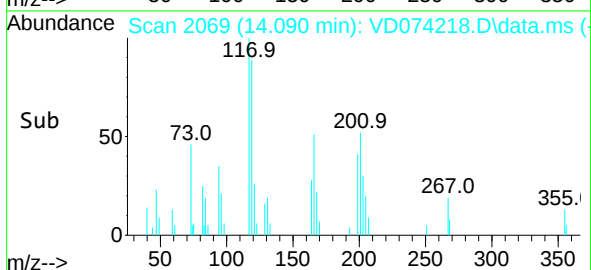
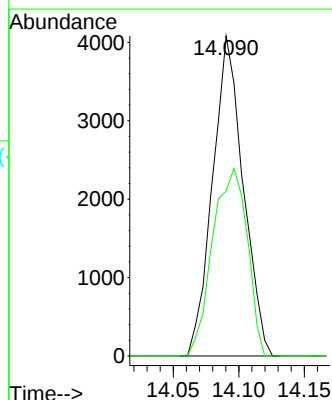
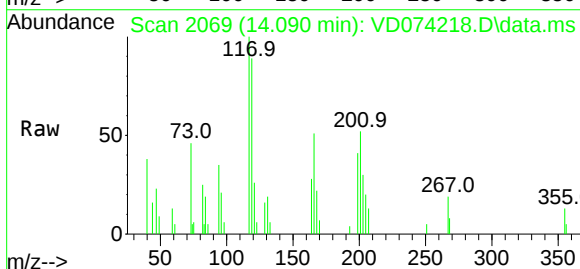
RT: 14.090 min Scan# 2069

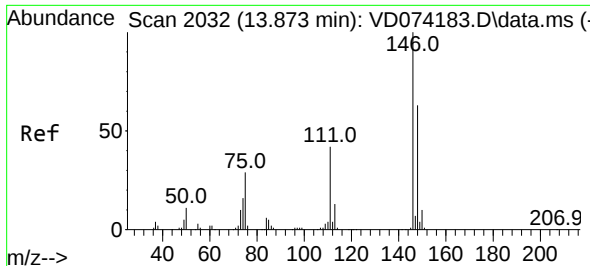
Delta R.T. -0.006 min

Lab File: VD074218.D

Acq: 24 Aug 2022 12:42

Tgt Ion:	117	Resp:	6615
Ion Ratio	Lower	Upper	
117	100		
201	66.2	33.4	100.2

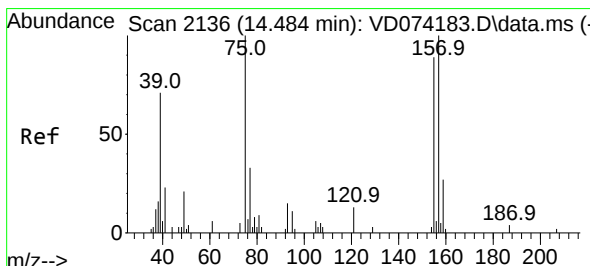
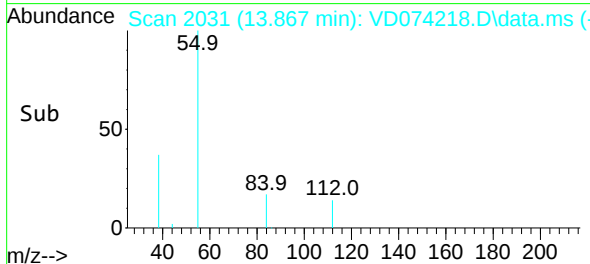
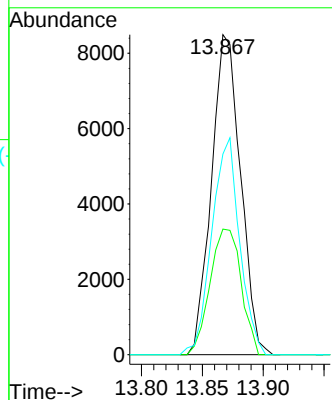
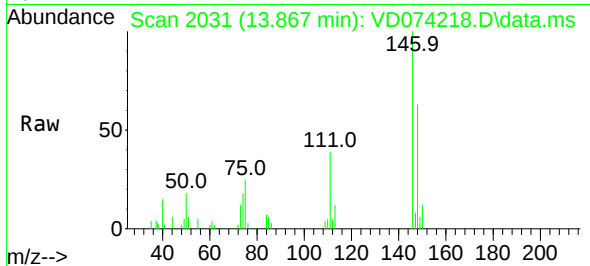




#91
1,2-Dichlorobenzene
Concen: 4.107 ug/l
RT: 13.867 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

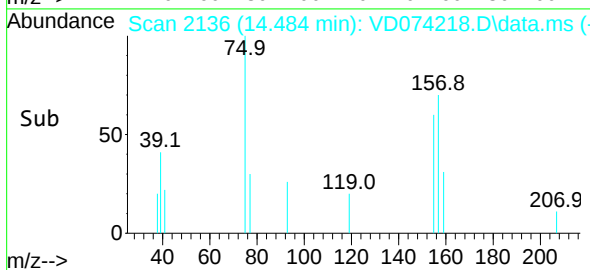
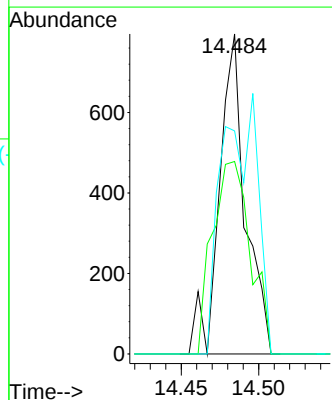
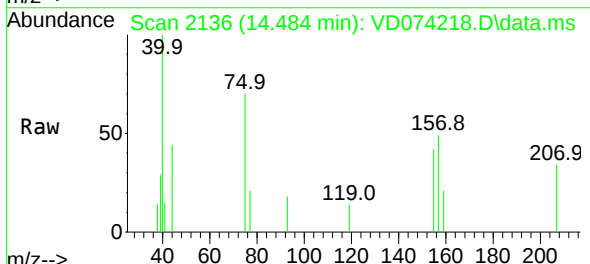
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

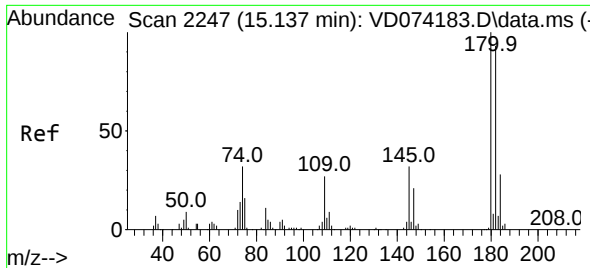
Tgt Ion:146 Resp: 14122
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.3
148 64.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.846 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion: 75 Resp: 928
Ion Ratio Lower Upper
75 100
155 87.7 36.8 110.3
157 110.0 48.4 145.0

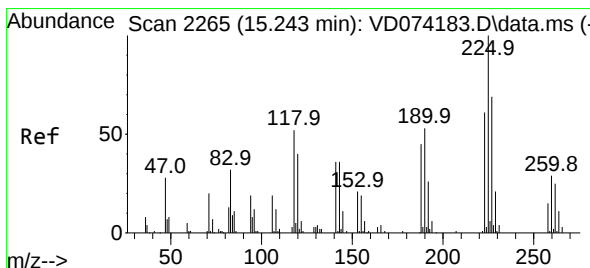
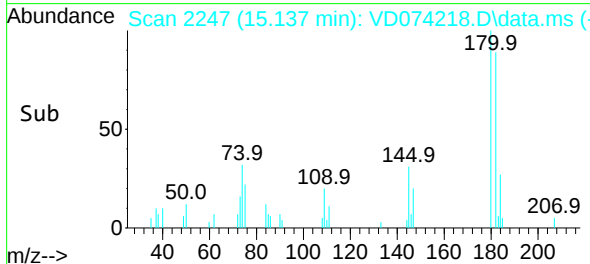
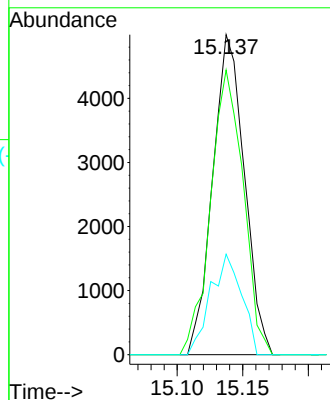
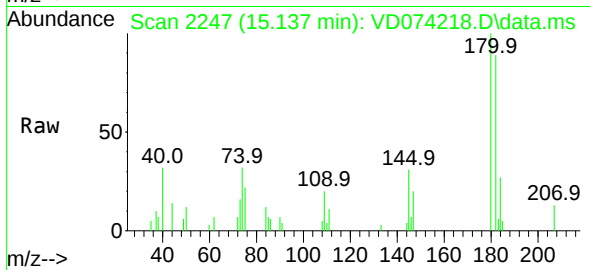




#93
 1,2,4-Trichlorobenzene
 Concen: 3.997 ug/l
 RT: 15.137 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

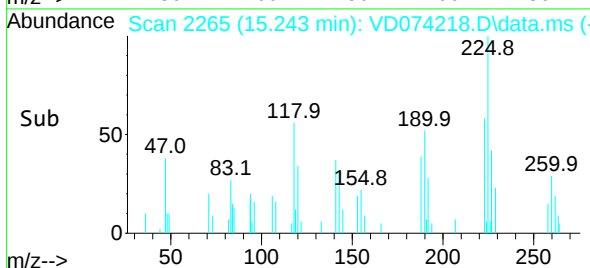
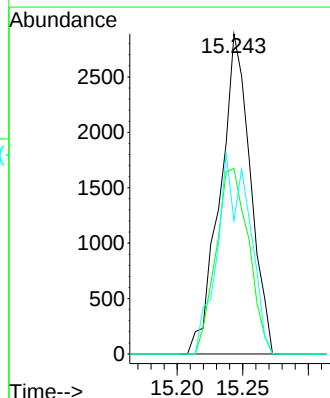
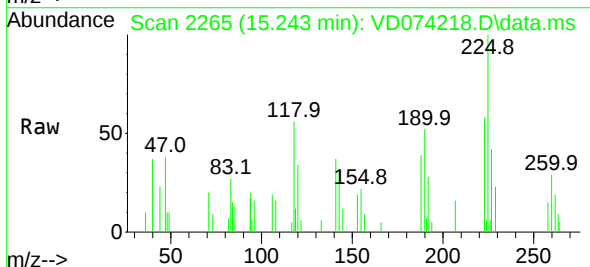
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

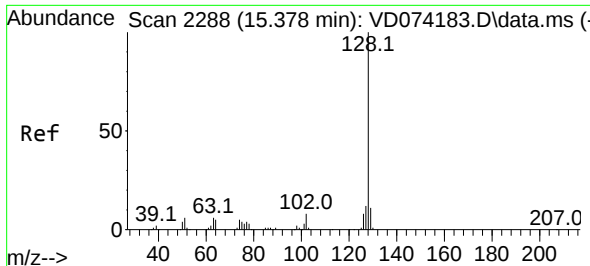
Tgt Ion:	180	Resp:	8389
Ion Ratio	Lower	Upper	
180	100		
182	91.3	47.3	142.0
145	30.7	16.2	48.5



#94
 Hexachlorobutadiene
 Concen: 3.946 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VD074218.D
 Acq: 24 Aug 2022 12:42

Tgt Ion:	225	Resp:	4647
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.1	93.2
227	65.9	32.4	97.0

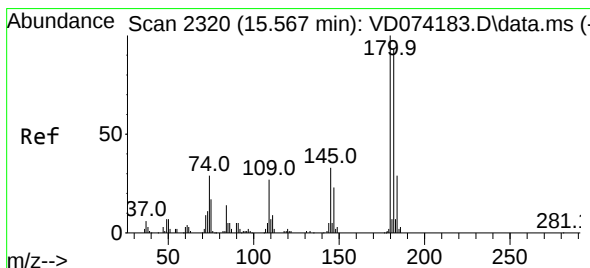
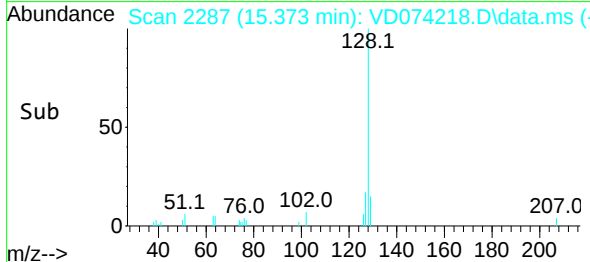
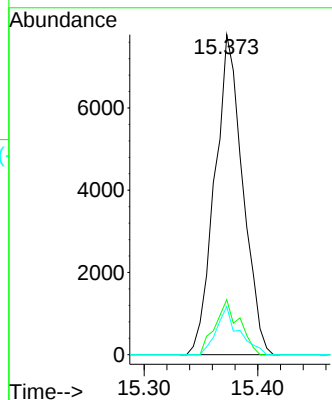
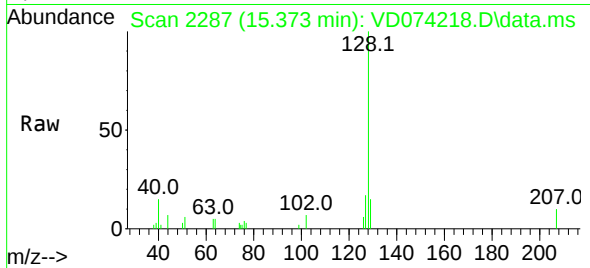




#95
Naphthalene
Concen: 3.504 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:128	Resp:	13306
Ion Ratio	Lower	Upper
128	100	
127	14.9	10.3 15.5
129	11.9	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 3.854 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.006 min
Lab File: VD074218.D
Acq: 24 Aug 2022 12:42

Tgt Ion:180	Resp:	7054
Ion Ratio	Lower	Upper
180	100	
182	91.8	47.6 142.9
145	33.2	17.1 51.3

