

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073690.D
 Acq On : 24 Jun 2022 16:26
 Operator : VA/SY
 Sample : N3214-03 4.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Quant Time: Jun 25 08:53:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 08:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	214758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	367867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	347733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	179019	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	135810	51.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.980%	
35) Dibromofluoromethane	7.908	113	144184	50.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.332	98	480100	46.660	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.320%	
62) 4-Bromofluorobenzene	12.620	95	193545	50.152	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	10739	4.951	ug/l	96
3) Chloromethane	2.209	50	8619	4.396	ug/l #	87
4) Vinyl Chloride	2.344	62	8903	4.602	ug/l	91
5) Bromomethane	2.762	94	6990	4.695	ug/l	85
6) Chloroethane	2.915	64	5486	4.210	ug/l	90
7) Trichlorofluoromethane	3.268	101	21365	4.722	ug/l	95
8) Diethyl Ether	3.703	74	5460	4.706	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	12235	4.714	ug/l	95
10) Methyl Iodide	4.303	142	9522	3.855	ug/l #	89
11) Tert butyl alcohol	5.179	59	32621	55.621	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	10406	4.715	ug/l	87
13) Acrolein	3.903	56	319	7.157	ug/l #	32
14) Allyl chloride	4.709	41	14348	4.410	ug/l	98
15) Acrylonitrile	5.420	53	13169	23.712	ug/l	98
16) Acetone	4.156	43	12330	26.465	ug/l	99
17) Carbon Disulfide	4.403	76	23905	4.293	ug/l	100
18) Methyl Acetate	4.726	43	11351	7.899	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	23818	4.144	ug/l	98
20) Methylene Chloride	4.956	84	27971	8.256	ug/l	90
21) trans-1,2-Dichloroethene	5.462	96	11844	4.511	ug/l	96
22) Diisopropyl ether	6.350	45	29838	4.085	ug/l	91
23) Vinyl Acetate	6.309	43	63921	16.691	ug/l	97
24) 1,1-Dichloroethane	6.256	63	22333	4.590	ug/l	97
25) 2-Butanone	7.203	43	17081	25.697	ug/l	95
26) 2,2-Dichloropropane	7.203	77	20751	4.528	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	13331	4.318	ug/l	88
28) Bromochloromethane	7.538	49	9340	5.440	ug/l	98
29) Tetrahydrofuran	7.561	42	9261	22.918	ug/l	94
30) Chloroform	7.703	83	25409	4.640	ug/l	96
31) Cyclohexane	7.979	56	20700	5.231	ug/l #	88
32) 1,1,1-Trichloroethane	7.903	97	21782	4.428	ug/l	97
36) 1,1-Dichloropropene	8.108	75	15870	3.945	ug/l	97
37) Ethyl Acetate	7.279	43	8166	5.172	ug/l	99
38) Carbon Tetrachloride	8.085	117	19503	4.164	ug/l	86
39) Methylcyclohexane	9.350	83	18856	4.222	ug/l	99
40) Benzene	8.338	78	49953	4.290	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	3414	3.582	ug/l #	83
42) 1,2-Dichloroethane	8.420	62	15440	4.401	ug/l	100
43) Isopropyl Acetate	8.444	43	13680	4.416	ug/l	95
44) Trichloroethene	9.103	130	13966	4.175	ug/l	82
45) 1,2-Dichloropropane	9.379	63	12363	4.235	ug/l	91
46) Dibromomethane	9.467	93	7124	4.203	ug/l	98
47) Bromodichloromethane	9.650	83	18335	4.128	ug/l	92
48) Methyl methacrylate	9.450	41	6151	3.912	ug/l	93
49) 1,4-Dioxane	9.444	88	1492	78.843	ug/l #	57
51) 4-Methyl-2-Pentanone	10.220	43	33957	21.329	ug/l	99
52) Toluene	10.397	92	32347	4.239	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	16871	4.175	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	19335	4.203	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	10454	4.376	ug/l	93
56) Ethyl methacrylate	10.649	69	10831	4.022	ug/l #	92
57) 1,3-Dichloropropane	10.938	76	17266	4.383	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.932	63	23936	22.906	ug/l	94
59) 2-Hexanone	10.979	43	23750	22.097	ug/l	87
60) Dibromochloromethane	11.126	129	13384	4.251	ug/l	89
61) 1,2-Dibromoethane	11.232	107	10585	4.681	ug/l	95
64) Tetrachloroethene	10.873	164	12805	4.651	ug/l	90
65) Chlorobenzene	11.661	112	38656	4.542	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	14419	4.216	ug/l	97
67) Ethyl Benzene	11.732	91	59763	4.024	ug/l	94
68) m/p-Xylenes	11.844	106	44764	7.799	ug/l	98
69) o-Xylene	12.167	106	20851	3.917	ug/l	97
70) Styrene	12.185	104	34354	3.688	ug/l	98
71) Bromoform	12.349	173	7821	4.202	ug/l #	97
73) Isopropylbenzene	12.467	105	53757	3.677	ug/l	100
74) N-amyl acetate	12.273	43	11559	3.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	12231	4.435	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	15264	8.762	ug/l #	1
77) Bromobenzene	12.749	156	15027	4.275	ug/l	99
78) n-propylbenzene	12.808	91	72303	4.047	ug/l	99
79) 2-Chlorotoluene	12.891	91	42923	4.124	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	48133	3.841	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	3382	3.963	ug/l	97
82) 4-Chlorotoluene	12.991	91	44539	4.025	ug/l	98
83) tert-Butylbenzene	13.208	119	39297	3.567	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	46972	3.816	ug/l	95
85) sec-Butylbenzene	13.385	105	60938	3.761	ug/l	100
86) p-Isopropyltoluene	13.502	119	49202	3.648	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	30704	4.194	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	31240	4.312	ug/l	94
89) n-Butylbenzene	13.826	91	47205	3.738	ug/l	97
90) Hexachloroethane	14.096	117	12139	4.366	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	27162	4.312	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	2309	5.015	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	14795	3.933	ug/l	98
94) Hexachlorobutadiene	15.249	225	8680	4.070	ug/l	97
95) Naphthalene	15.385	128	24828	3.692	ug/l	97
96) 1,2,3-Trichlorobenzene	15.567	180	12634	3.845	ug/l	98

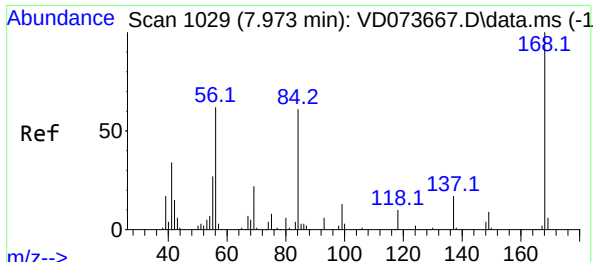
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
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Quant Title : SW846 8260
QLast Update : Sat Jun 25 08:51:58 2022
Response via : Initial Calibration

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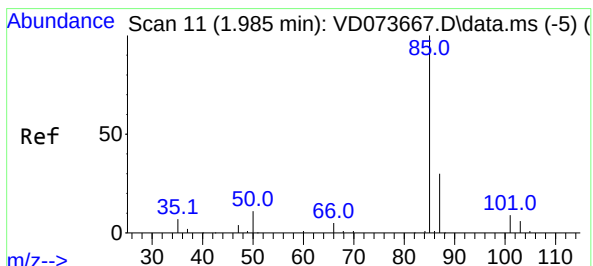
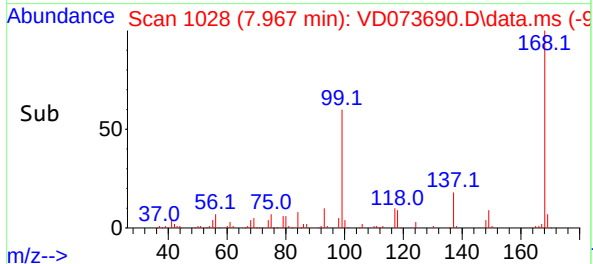
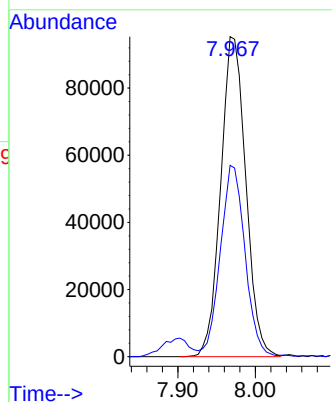
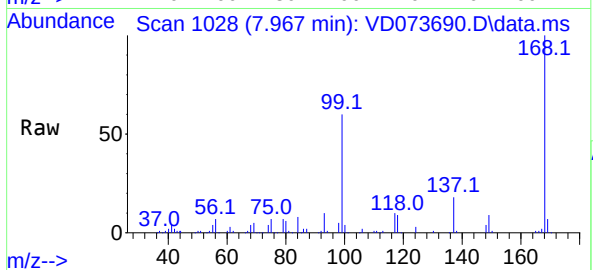
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

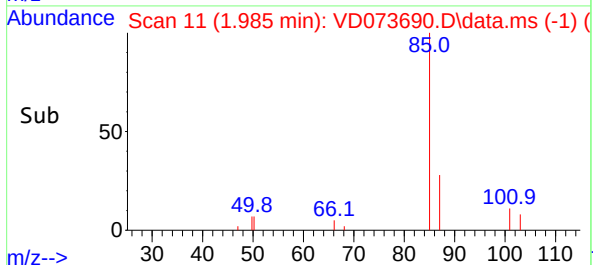
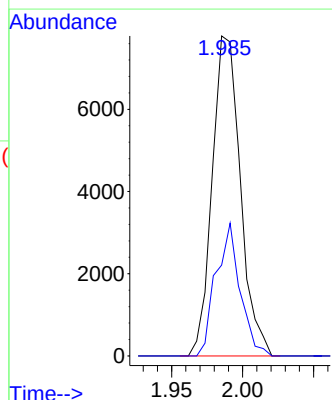
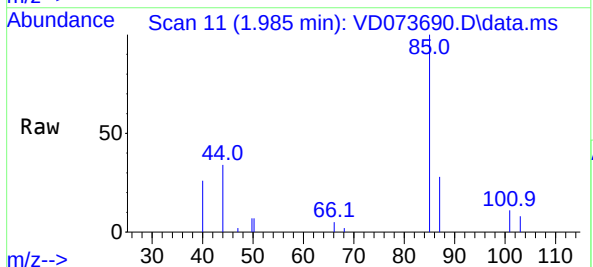
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:168 Resp: 214758
Ion Ratio Lower Upper
168 100
99 59.3 46.4 69.6

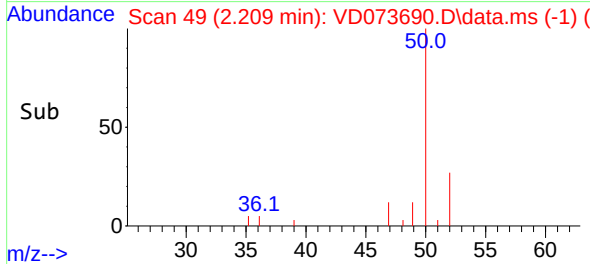
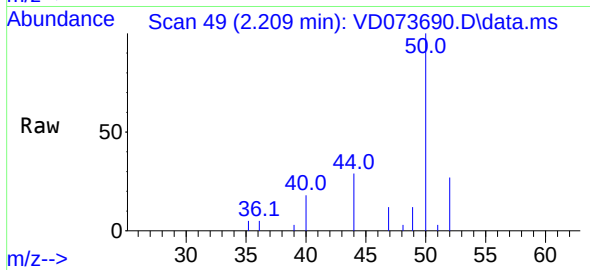
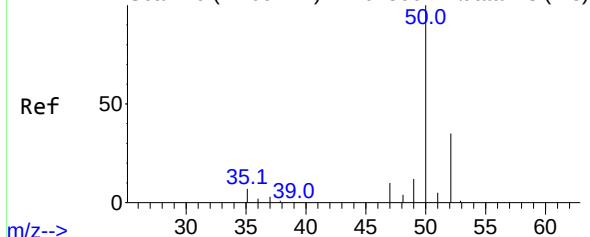


#2
Dichlorodifluoromethane
Concen: 4.951 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 85 Resp: 10739
Ion Ratio Lower Upper
85 100
87 28.4 15.2 45.5



Abundance Scan 49 (2.209 min): VD073667.D\data.ms (-43)



#3

Chloromethane

Concen: 4.396 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

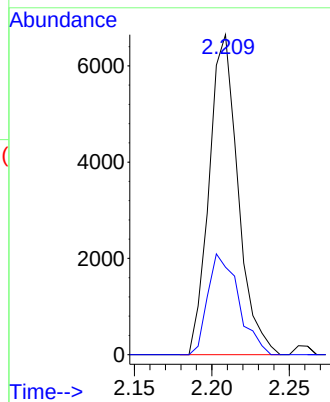
MDL-SOIL-03-QT2-2022

Tgt Ion: 50 Resp: 8619

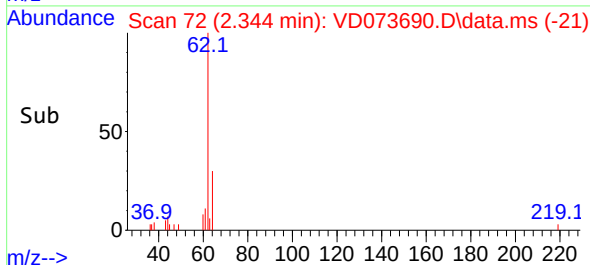
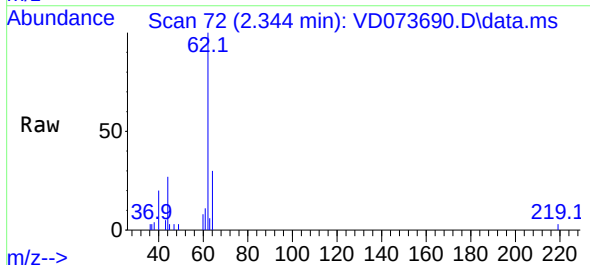
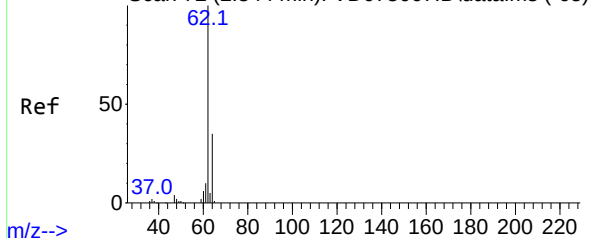
Ion Ratio Lower Upper

50 100

52 27.4 27.8 41.6#



Abundance Scan 72 (2.344 min): VD073667.D\data.ms (-65)



#4

Vinyl Chloride

Concen: 4.602 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.000 min

Lab File: VD073690.D

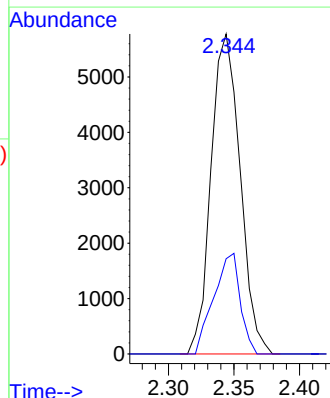
Acq: 24 Jun 2022 16:26

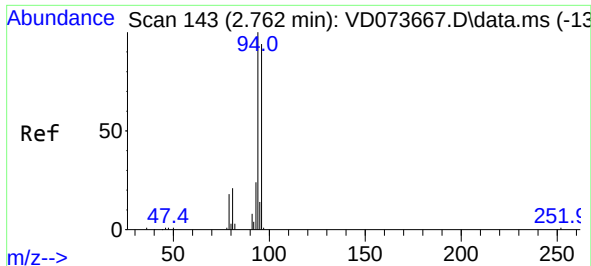
Tgt Ion: 62 Resp: 8903

Ion Ratio Lower Upper

62 100

64 29.8 27.8 41.6

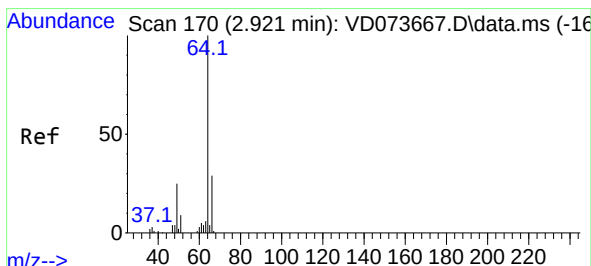
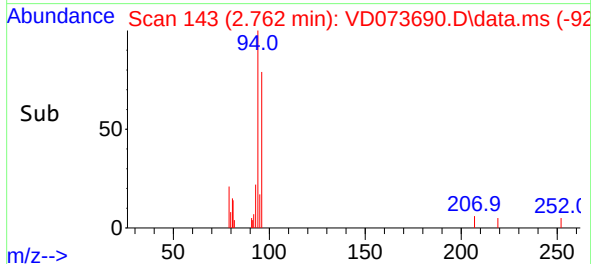
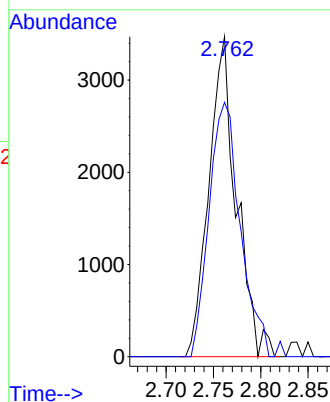
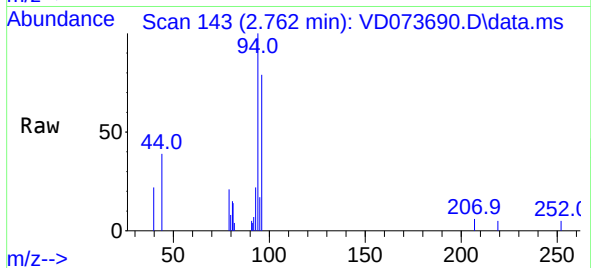




#5
Bromomethane
Concen: 4.695 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

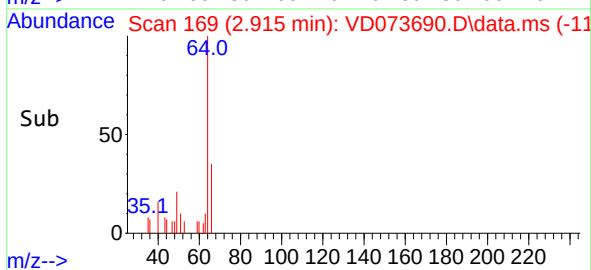
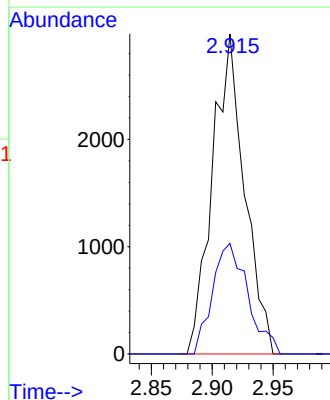
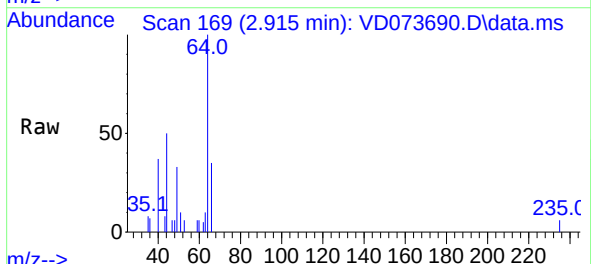
Instrument :
MSVOA_D
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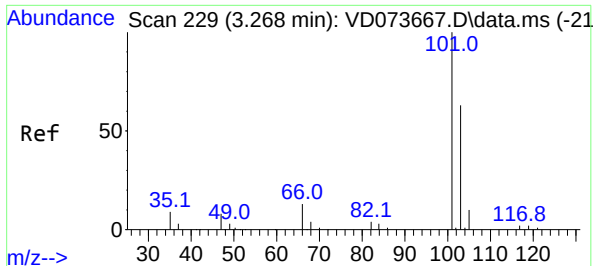
Tgt Ion: 94 Resp: 6990
Ion Ratio Lower Upper
94 100
96 79.5 75.1 112.7



#6
Chloroethane
Concen: 4.210 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 64 Resp: 5486
Ion Ratio Lower Upper
64 100
66 34.6 23.3 34.9





#7

Trichlorofluoromethane

Concen: 4.722 ug/l

RT: 3.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

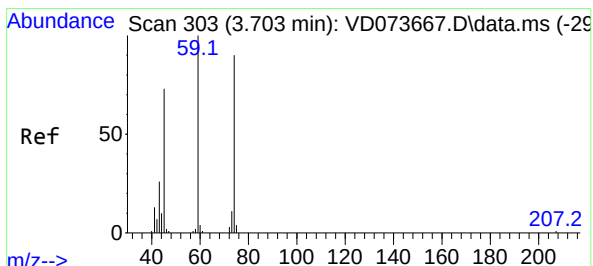
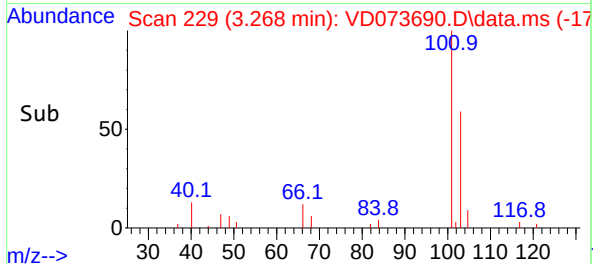
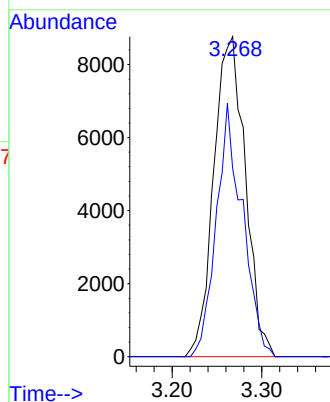
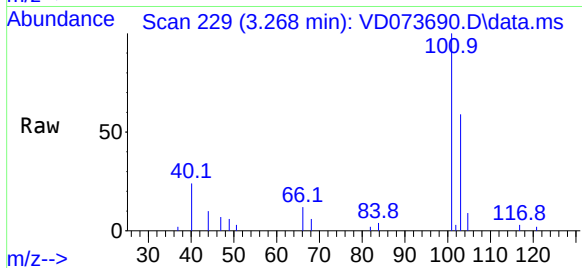
MDL-SOIL-03-QT2-2022

Tgt Ion:101 Resp: 21365

Ion Ratio Lower Upper

101 100

103 58.8 50.4 75.6



#8

Diethyl Ether

Concen: 4.706 ug/l

RT: 3.703 min Scan# 303

Delta R.T. -0.000 min

Lab File: VD073690.D

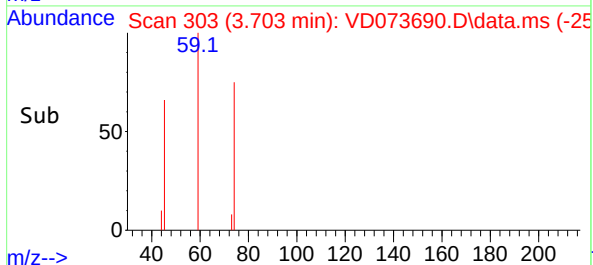
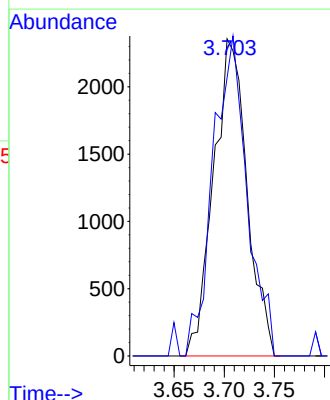
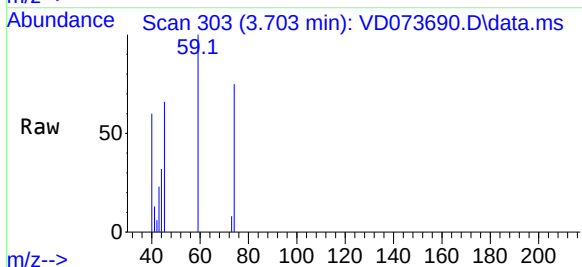
Acq: 24 Jun 2022 16:26

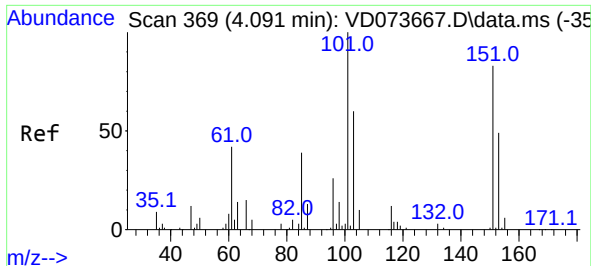
Tgt Ion: 74 Resp: 5460

Ion Ratio Lower Upper

74 100

45 102.6 45.0 134.8

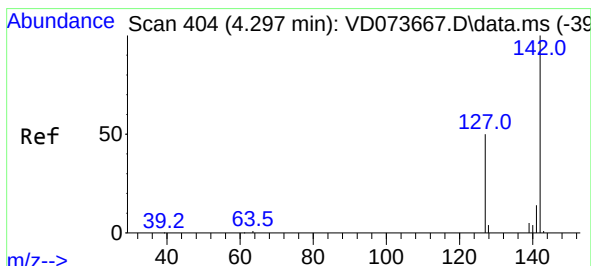
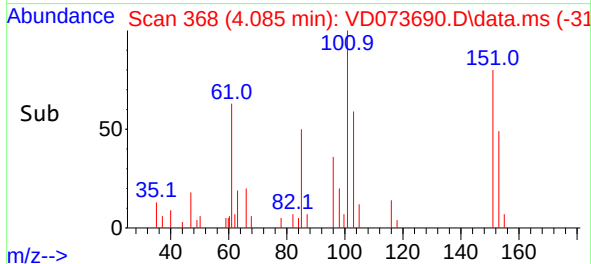
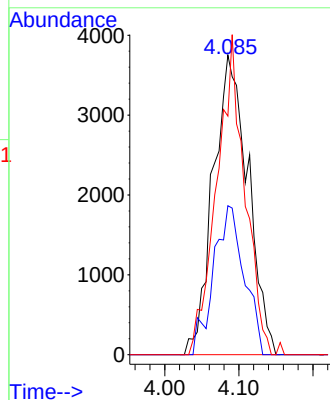
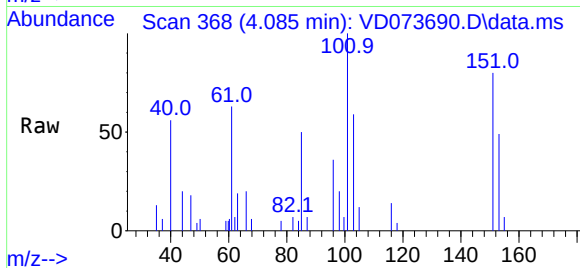




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.714 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

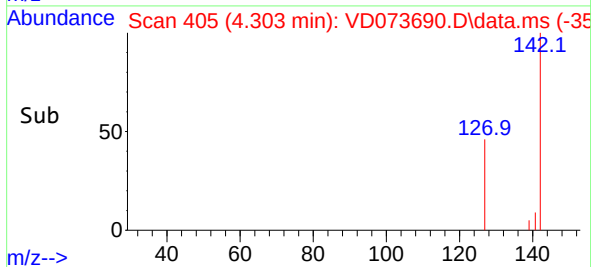
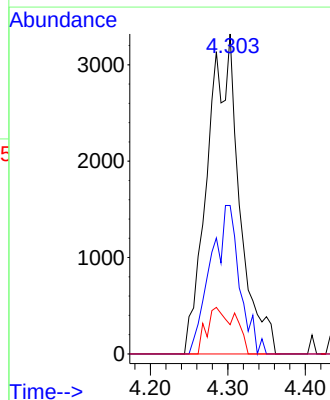
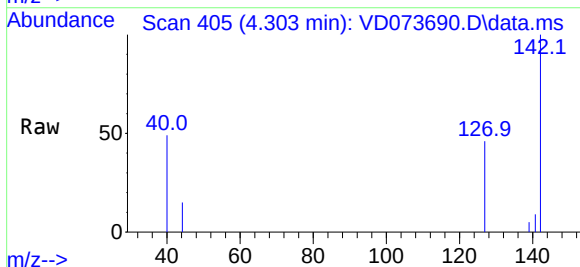
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

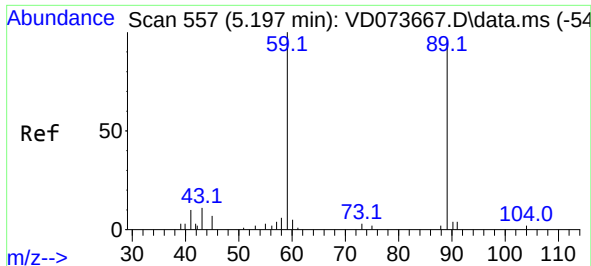
Tgt Ion:101 Resp: 12235
Ion Ratio Lower Upper
101 100
85 43.7 34.8 52.2
151 85.7 63.4 95.0



#10
Methyl Iodide
Concen: 3.855 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:142 Resp: 9522
Ion Ratio Lower Upper
142 100
127 42.0 39.4 59.2
141 9.3 11.9 17.9#

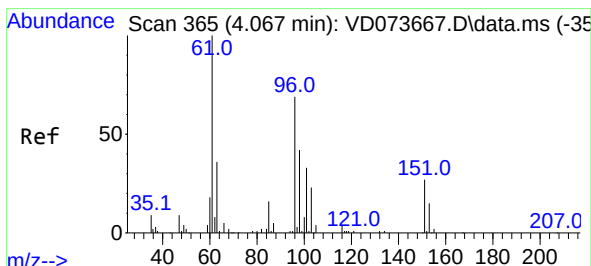
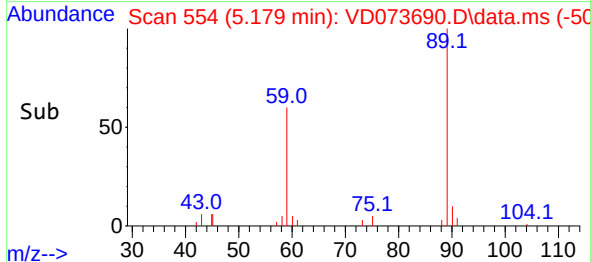
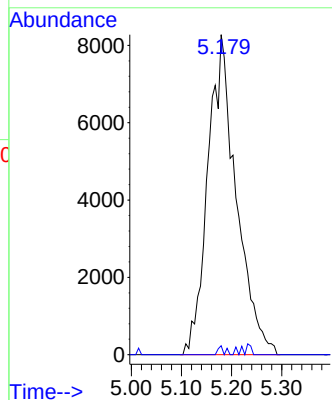
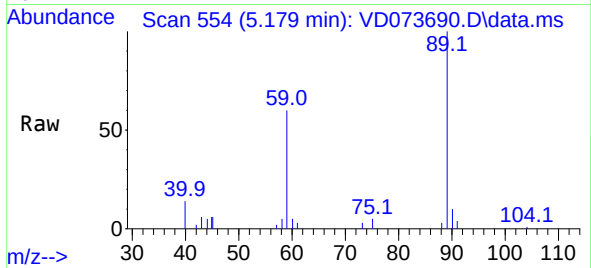




#11
Tert butyl alcohol
Concen: 55.621 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

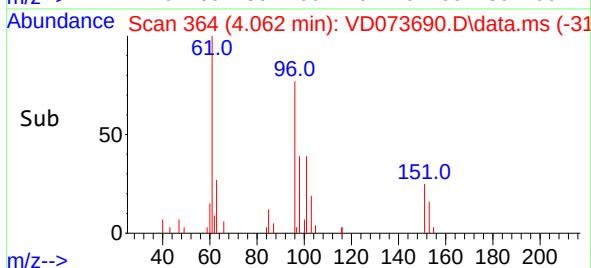
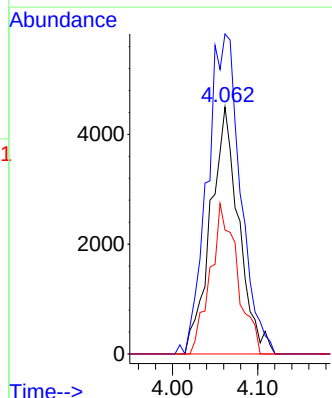
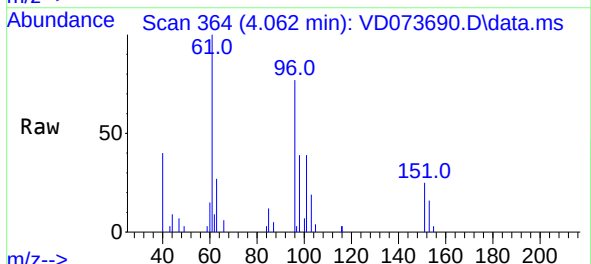
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022

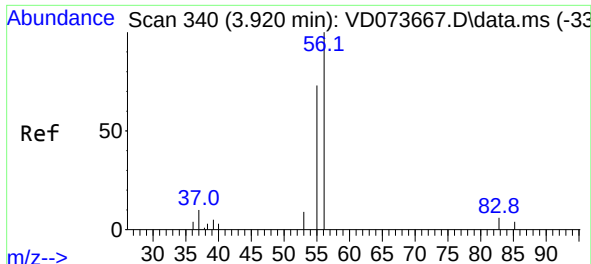
Tgt Ion: 59 Resp: 32621
Ion Ratio Lower Upper
59 100
57 0.6 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 4.715 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 96 Resp: 10406
Ion Ratio Lower Upper
96 100
61 129.6 116.3 174.5
98 50.3 48.7 73.1

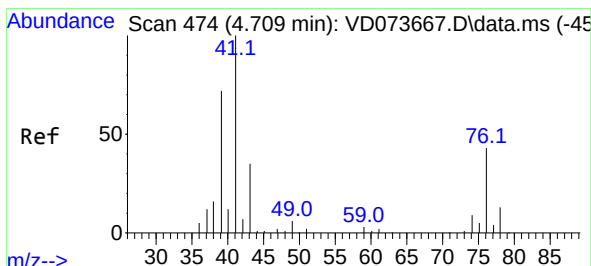
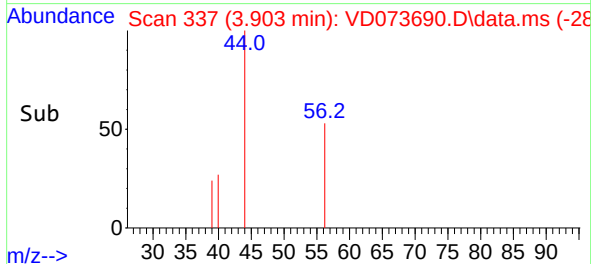
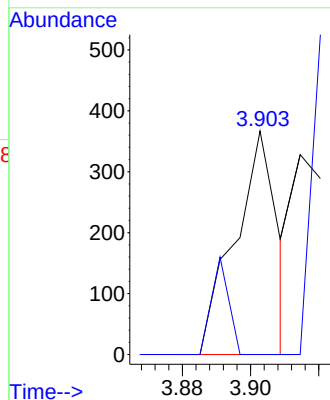
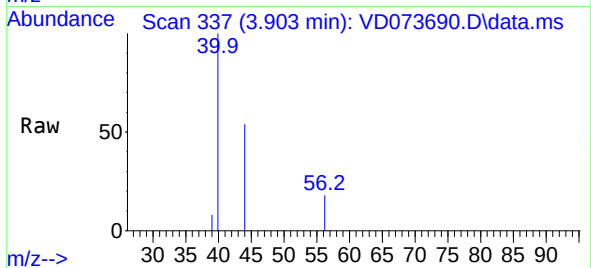




#13
Acrolein
Concen: 7.157 ug/l
RT: 3.903 min Scan# 319
Delta R.T. -0.017 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

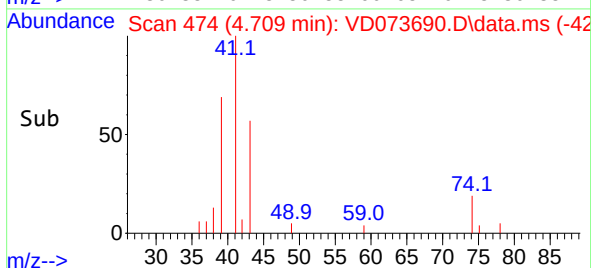
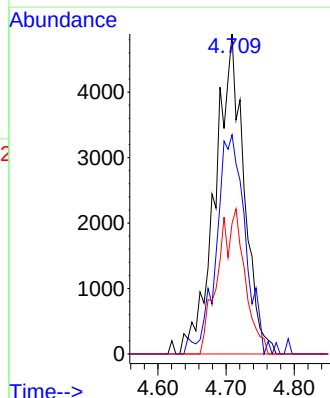
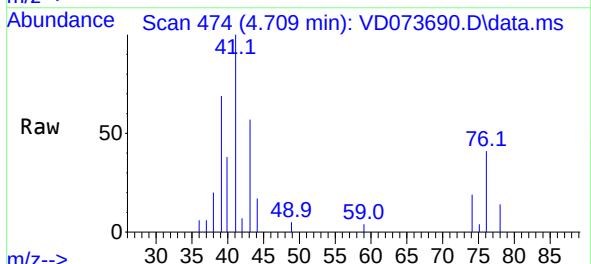
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

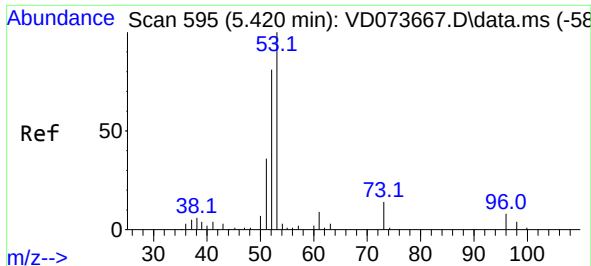
Tgt Ion: 56 Resp: 319
Ion Ratio Lower Upper
56 100
55 17.6 60.3 90.5#



#14
Allyl chloride
Concen: 4.410 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 41 Resp: 14348
Ion Ratio Lower Upper
41 100
39 69.5 56.6 85.0
76 42.7 32.7 49.1

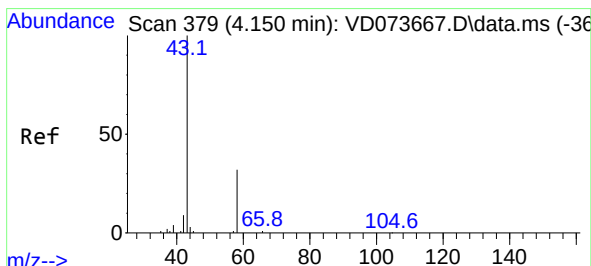
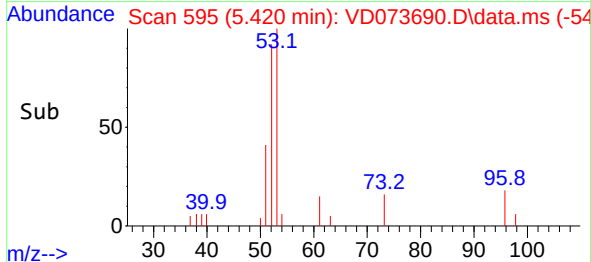
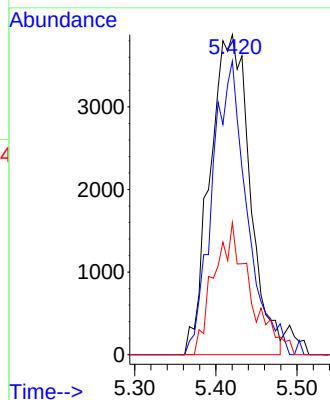
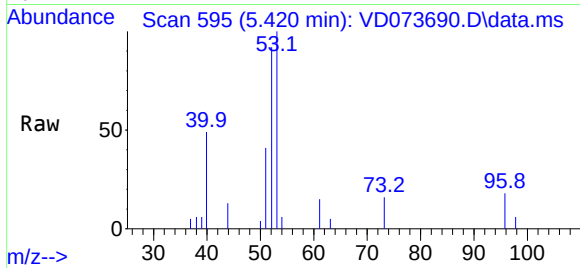




#15
Acrylonitrile
Concen: 23.712 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

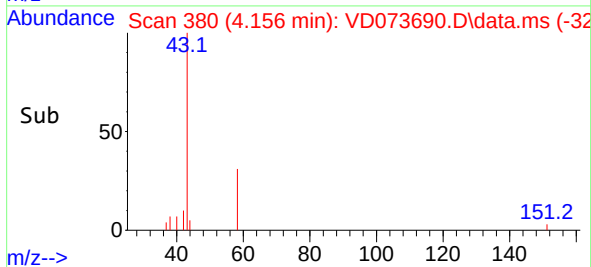
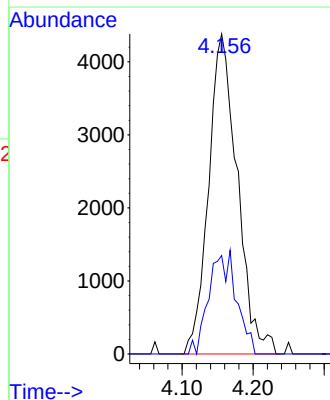
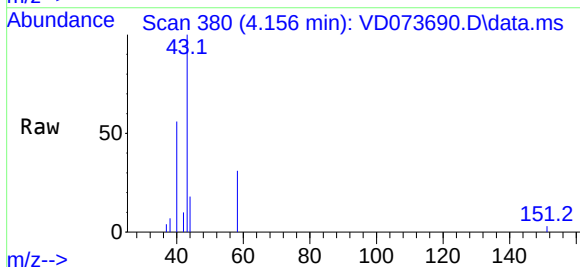
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

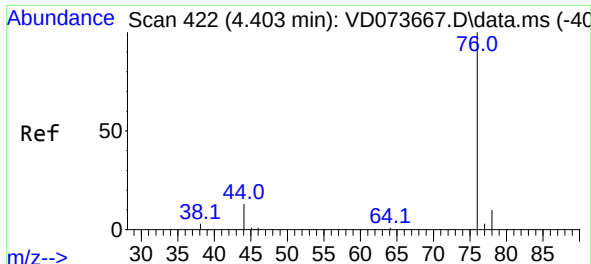
Tgt Ion: 53	Resp:	13169	
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.2	99.2
51	37.6	30.2	45.2



#16
Acetone
Concen: 26.465 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 43	Resp: 12330
Ion Ratio	Lower Upper
43 100	
58 30.7	25.2 37.8

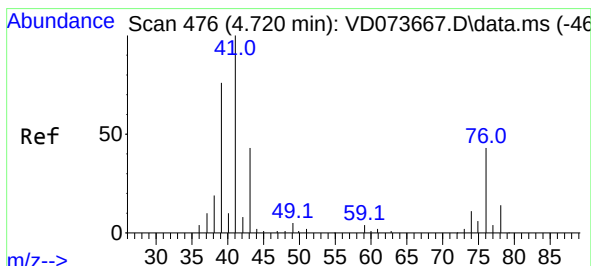
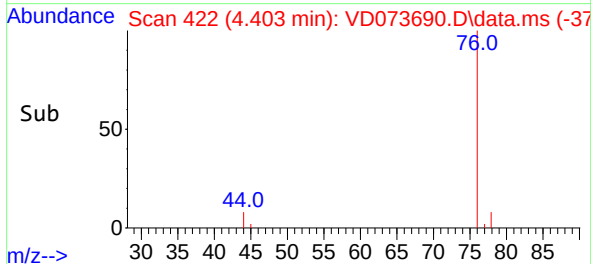
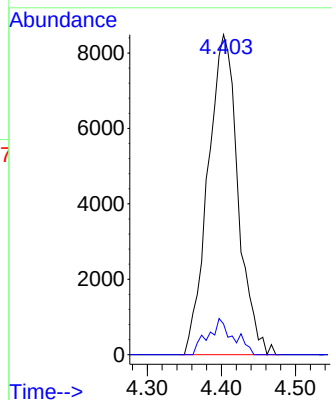
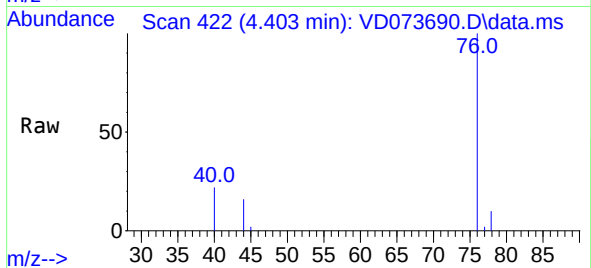




#17
Carbon Disulfide
Concen: 4.293 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

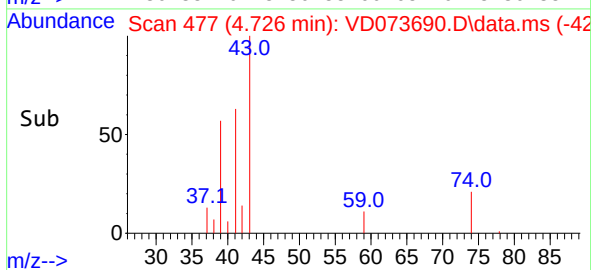
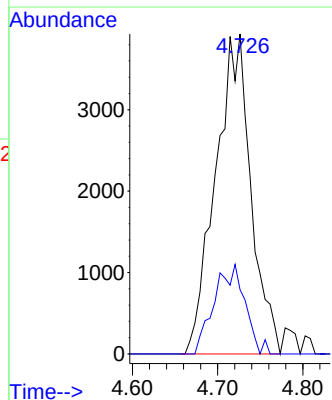
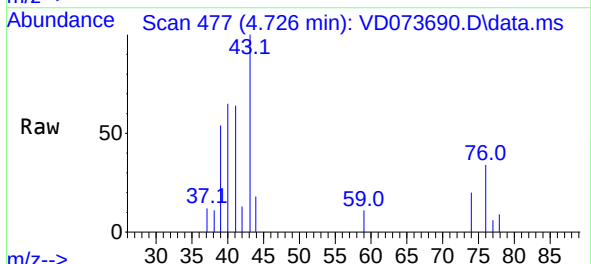
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

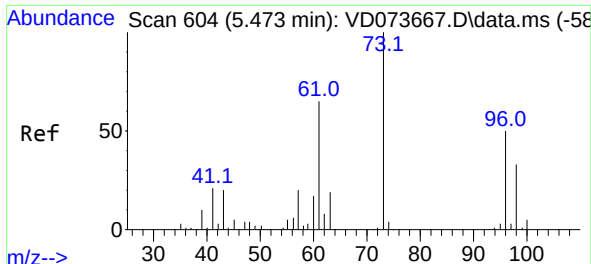
Tgt Ion: 76 Resp: 23905
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5



#18
Methyl Acetate
Concen: 7.899 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 43 Resp: 11351
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.4

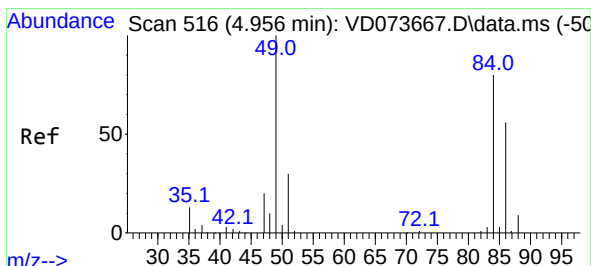
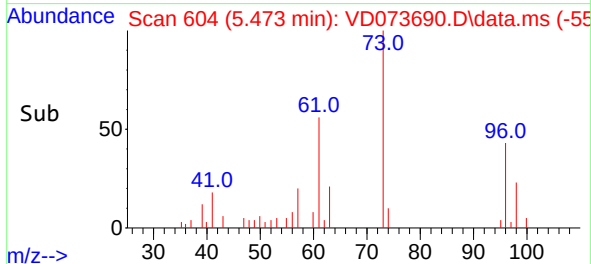
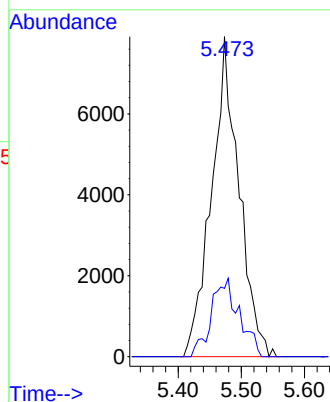
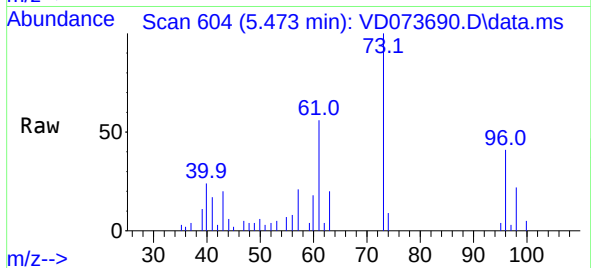




#19
Methyl tert-butyl Ether
Concen: 4.144 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

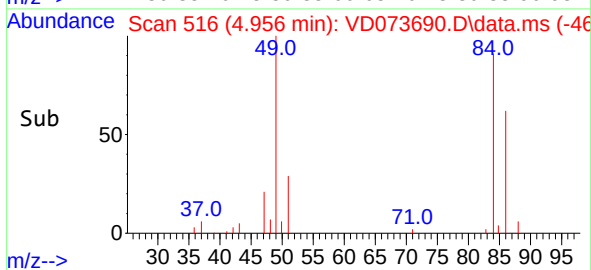
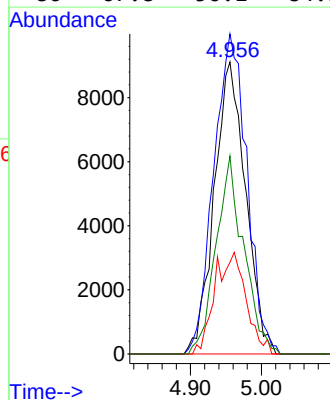
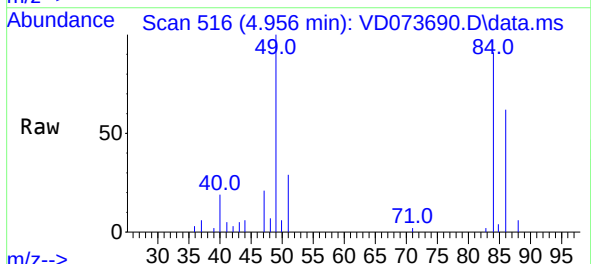
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

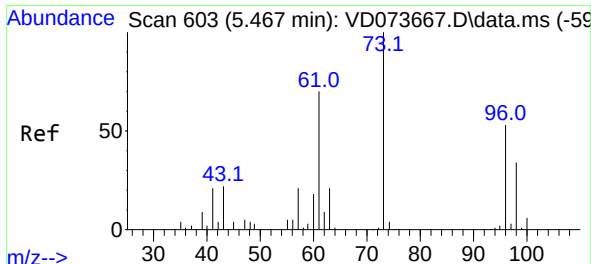
Tgt Ion: 73 Resp: 23818
Ion Ratio Lower Upper
73 100
57 21.4 16.3 24.5



#20
Methylene Chloride
Concen: 8.256 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 84 Resp: 27971
Ion Ratio Lower Upper
84 100
49 109.6 100.6 150.8
51 31.4 29.8 44.6
86 67.8 56.1 84.1

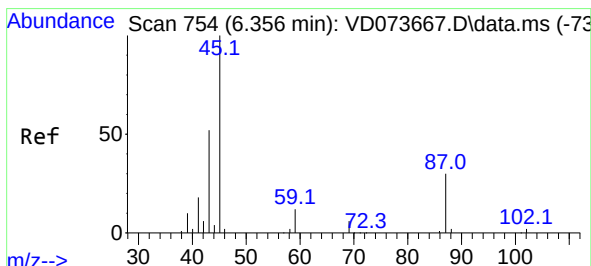
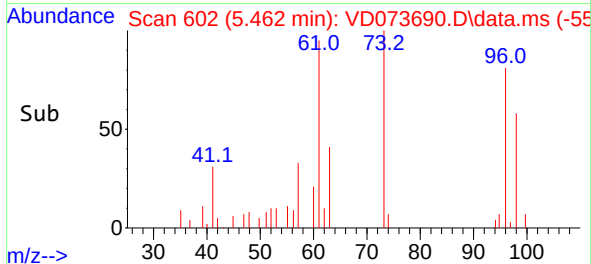
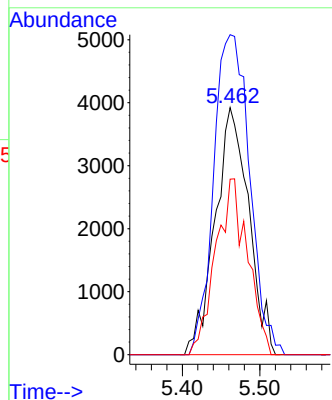
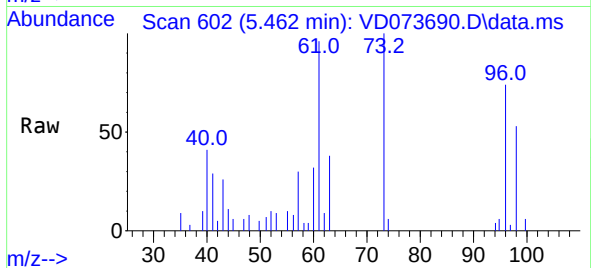




#21
trans-1,2-Dichloroethene
Concen: 4.511 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

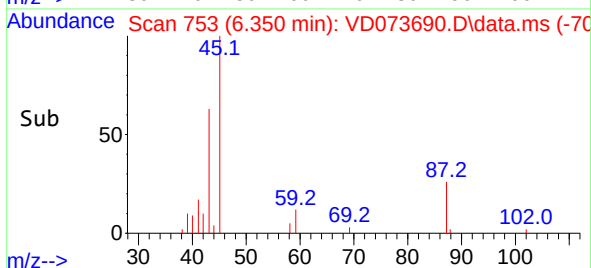
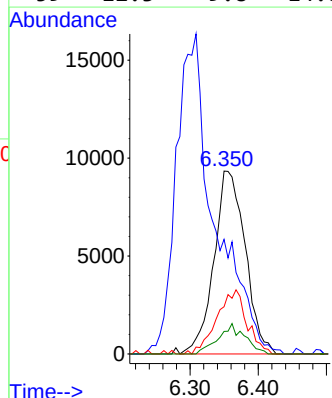
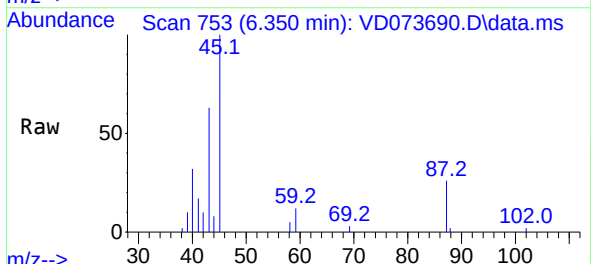
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

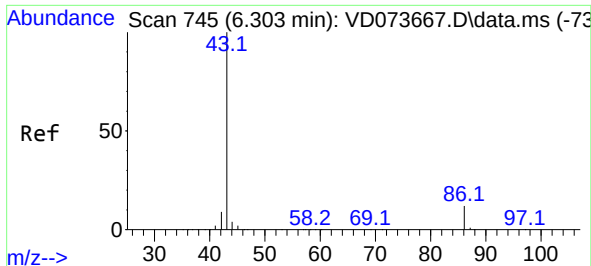
Tgt Ion: 96 Resp: 11844
Ion Ratio Lower Upper
96 100
61 129.5 105.0 157.6
98 71.0 50.6 75.8



#22
Diisopropyl ether
Concen: 4.085 ug/l
RT: 6.350 min Scan# 753
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 45 Resp: 29838
Ion Ratio Lower Upper
45 100
43 60.5 42.1 63.1
87 25.8 24.2 36.4
59 12.3 9.8 14.8

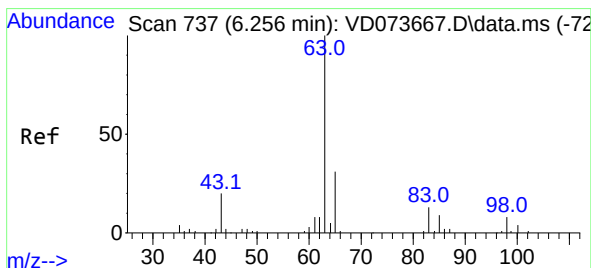
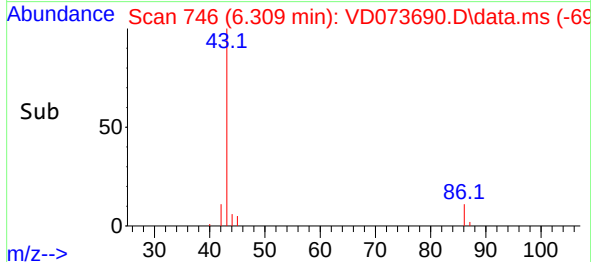
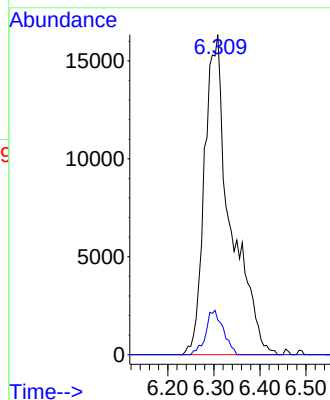
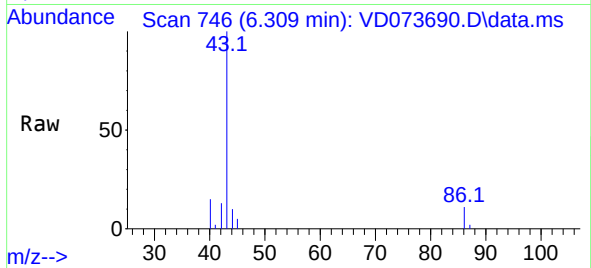




#23
 Vinyl Acetate
 Concen: 16.691 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD073690.D
 Acq: 24 Jun 2022 16:26

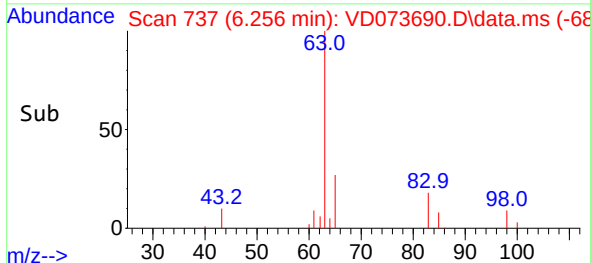
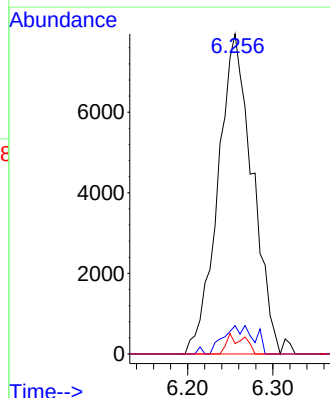
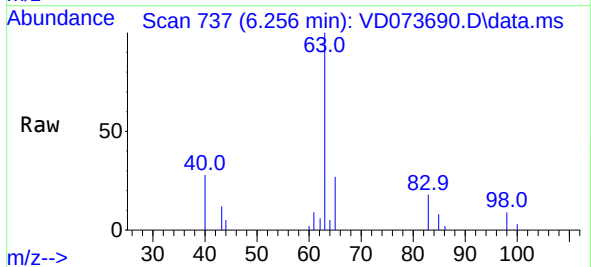
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

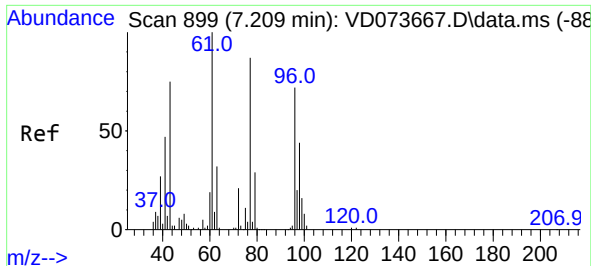
Tgt Ion: 43 Resp: 63921
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 4.590 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073690.D
 Acq: 24 Jun 2022 16:26

Tgt Ion: 63 Resp: 22333
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.0 12.2
 100 3.2 2.1 6.5

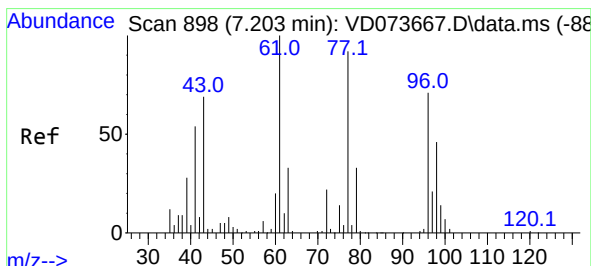
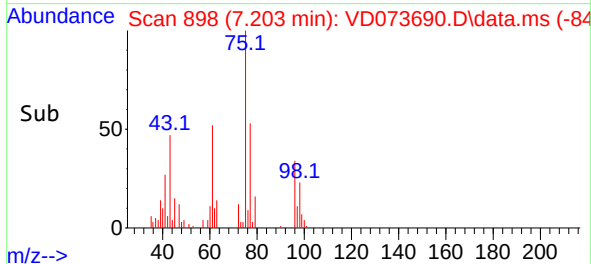
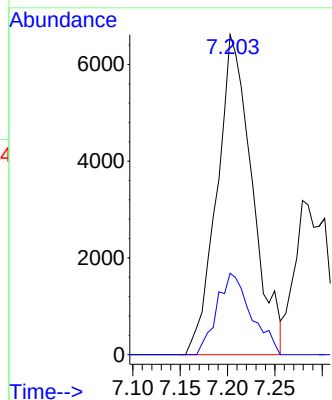
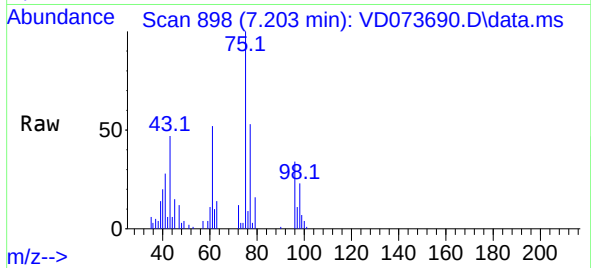




#25
2-Butanone
Concen: 25.697 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

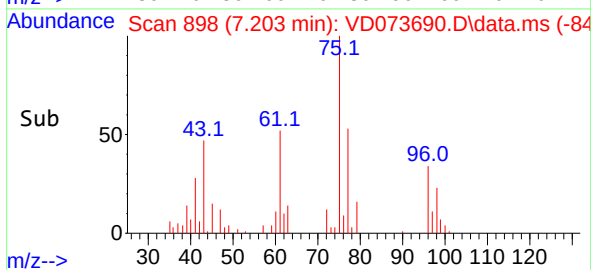
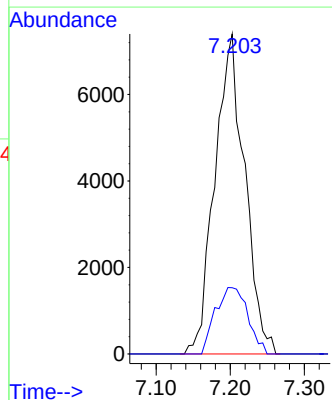
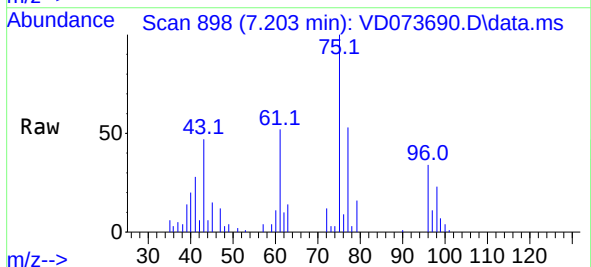
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

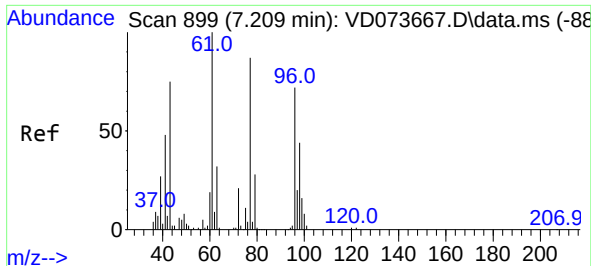
Tgt Ion: 43 Resp: 17081
Ion Ratio Lower Upper
43 100
72 25.4 22.6 33.8



#26
2,2-Dichloropropane
Concen: 4.528 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 77 Resp: 20751
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6



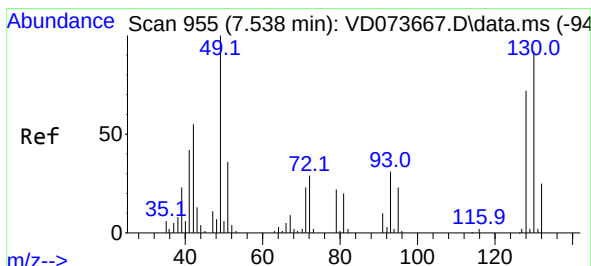
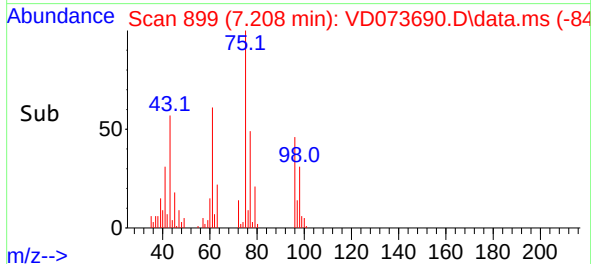
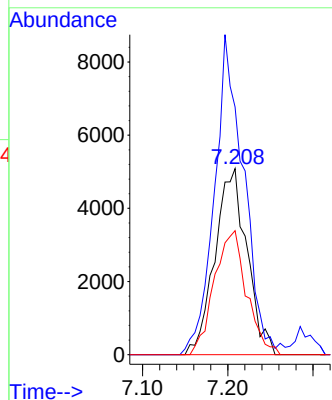
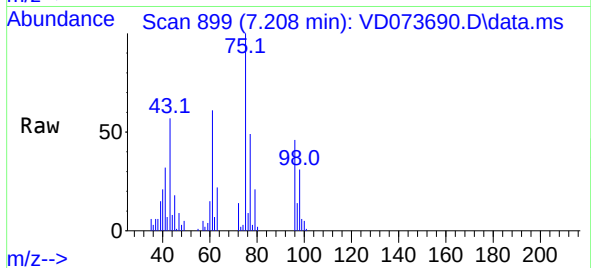


#27
cis-1,2-Dichloroethene
Concen: 4.318 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022

Tgt Ion: 96 Resp: 13331

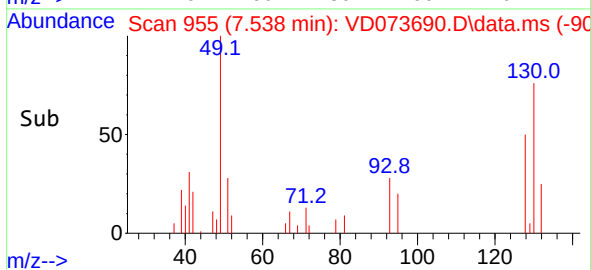
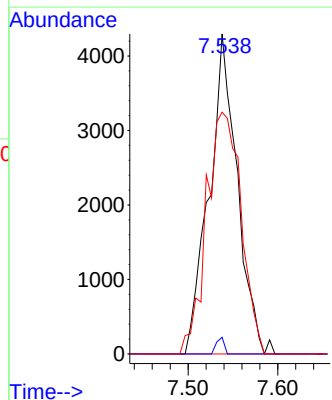
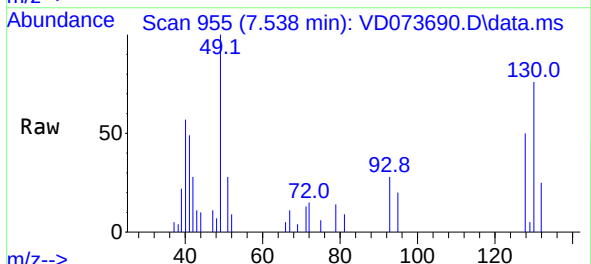
Ion	Ratio	Lower	Upper
96	100		
61	156.8	0.0	276.0
98	67.1	0.0	128.0

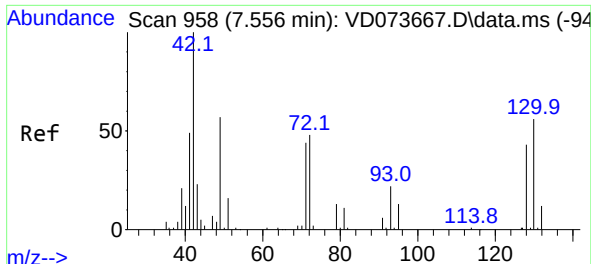


#28
Bromochloromethane
Concen: 5.440 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 49 Resp: 9340

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.0
130	93.3	73.2	109.8





#29

Tetrahydrofuran

Concen: 22.918 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

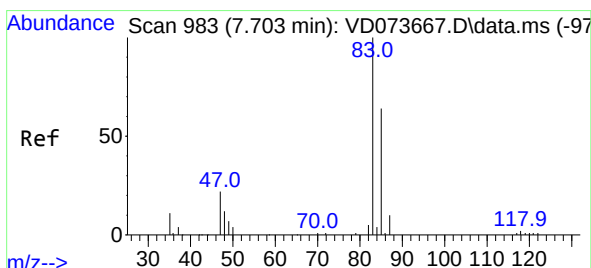
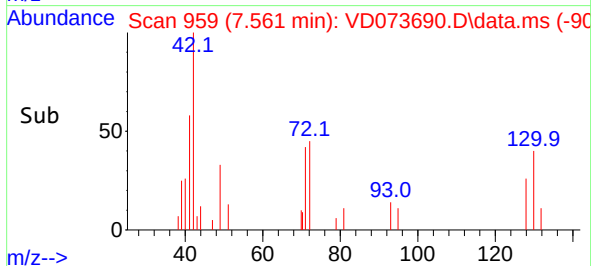
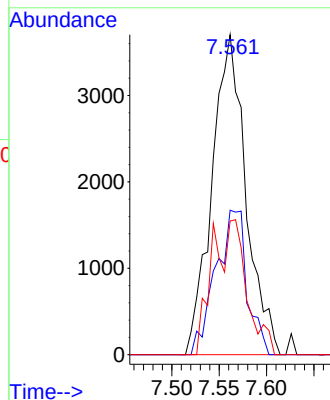
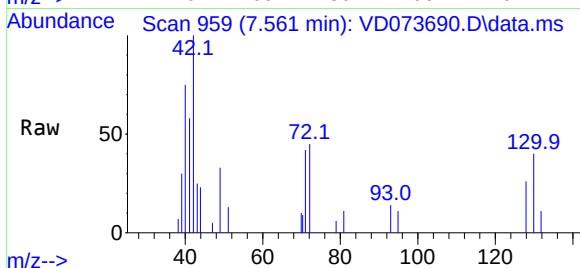
Tgt Ion: 42 Resp: 9261

Ion Ratio Lower Upper

42 100

72 41.5 37.8 56.6

71 42.3 35.5 53.3



#30

Chloroform

Concen: 4.640 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073690.D

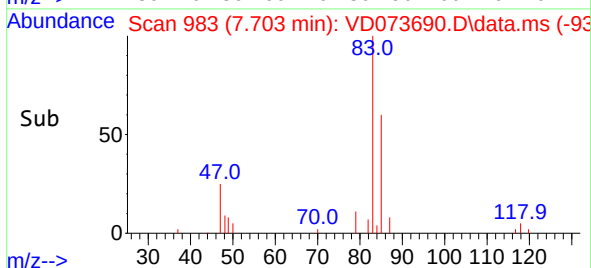
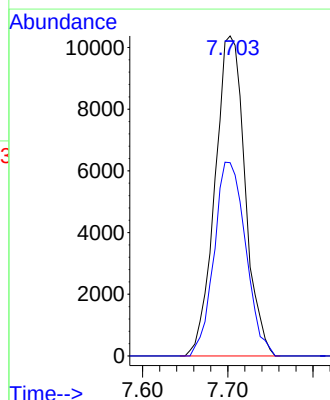
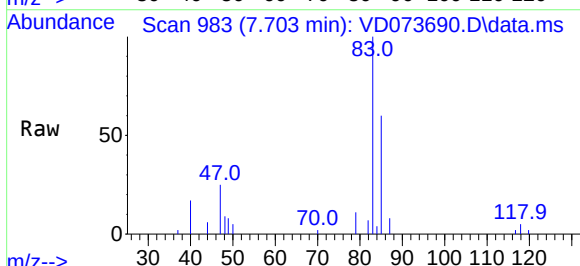
Acq: 24 Jun 2022 16:26

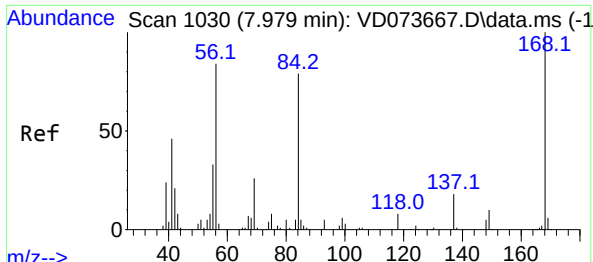
Tgt Ion: 83 Resp: 25409

Ion Ratio Lower Upper

83 100

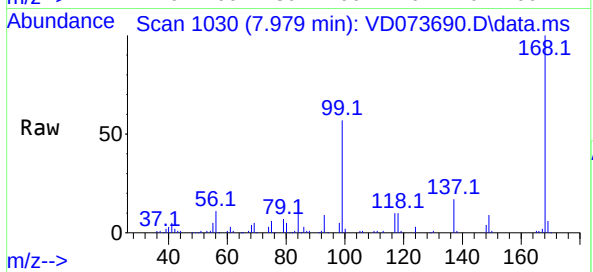
85 60.4 51.1 76.7



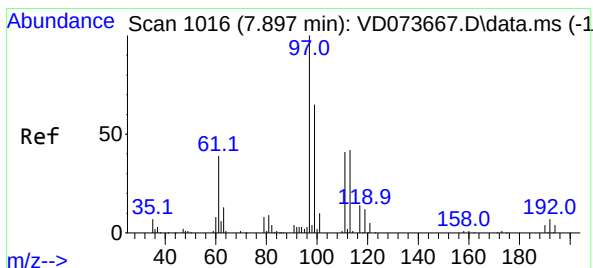
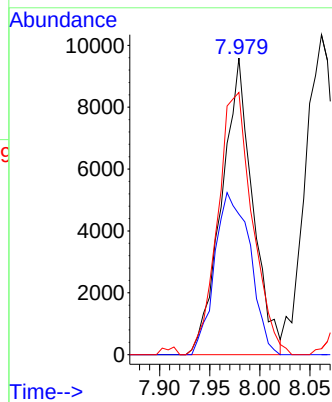
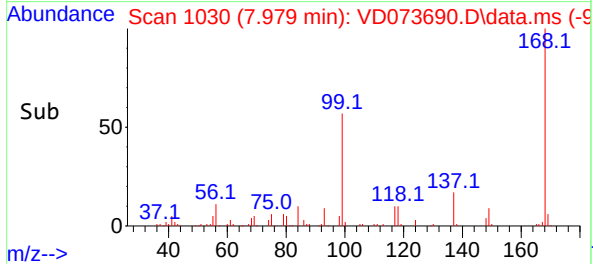


#31
Cyclohexane
Concen: 5.231 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

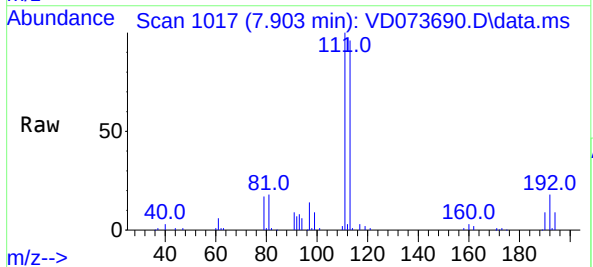
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022



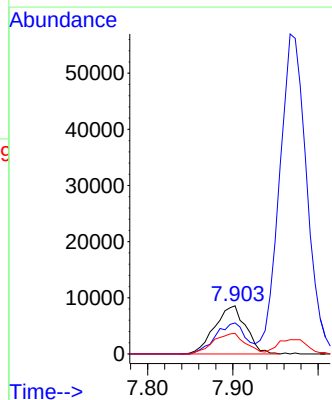
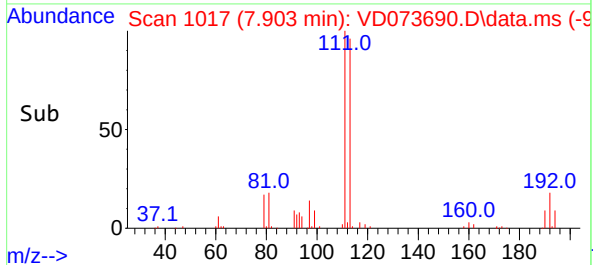
Tgt Ion: 56 Resp: 20700
Ion Ratio Lower Upper
56 100
69 47.3 25.2 37.8#
84 88.4 75.4 113.2

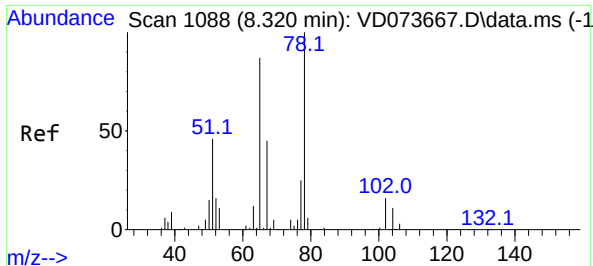


#32
1,1,1-Trichloroethane
Concen: 4.428 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26



Tgt Ion: 97 Resp: 21782
Ion Ratio Lower Upper
97 100
99 62.4 51.2 76.8
61 44.4 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 51.488 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

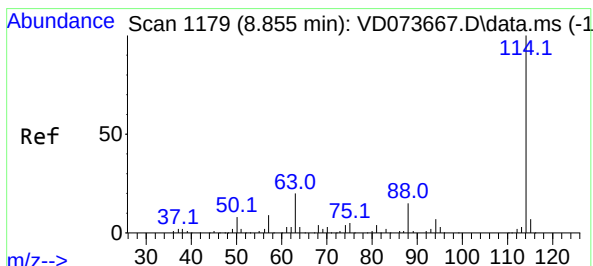
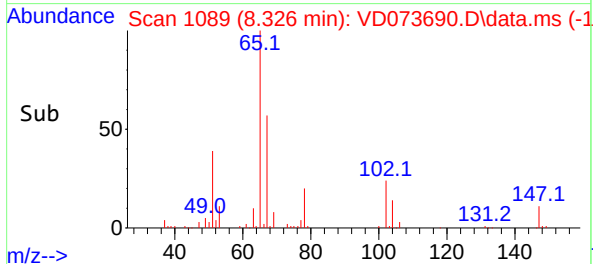
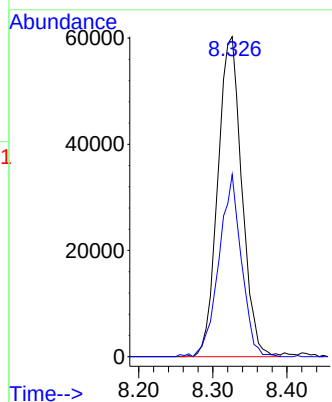
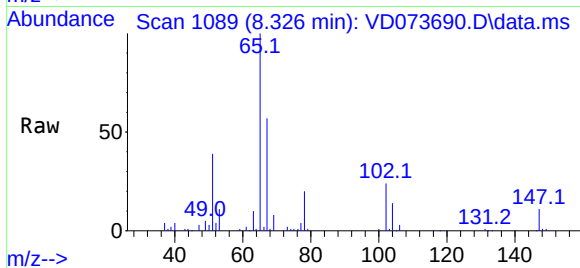
MDL-SOIL-03-QT2-2022

Tgt Ion: 65 Resp: 135810

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

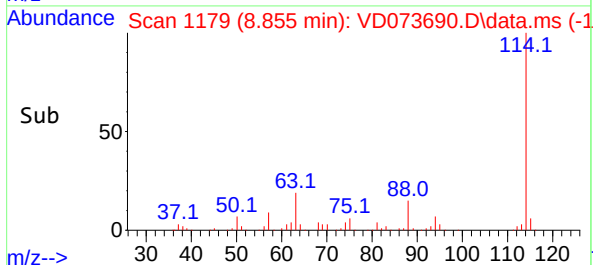
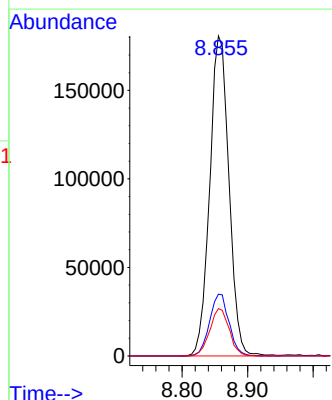
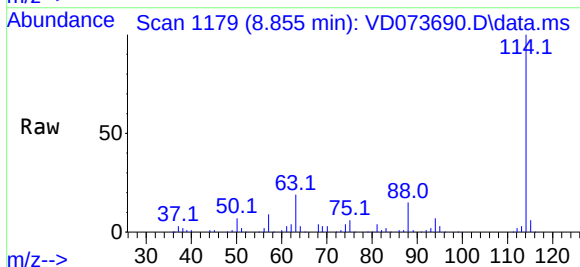
Tgt Ion: 114 Resp: 367867

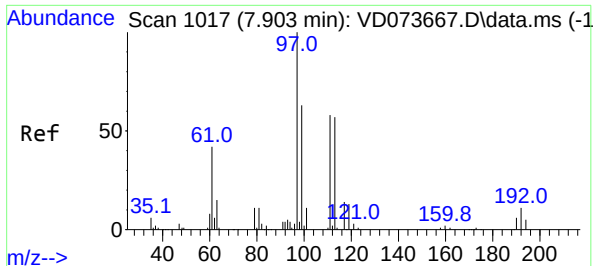
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.314 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

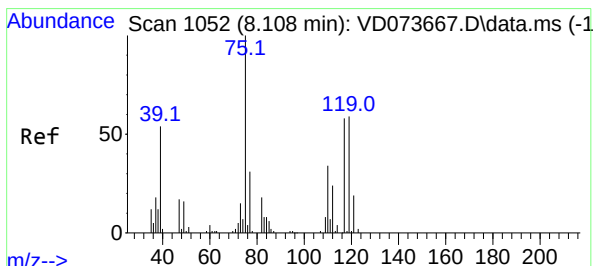
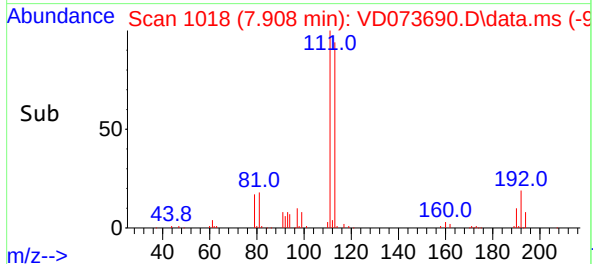
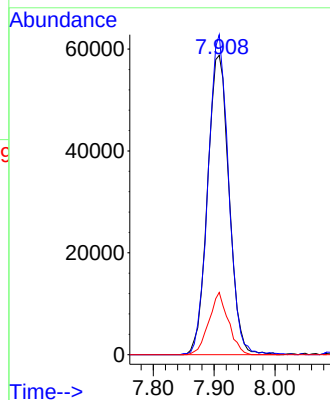
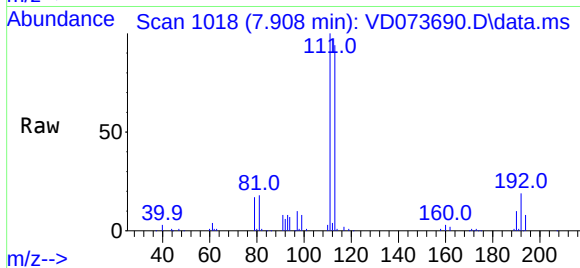
Tgt Ion:113 Resp: 144184

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 18.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.945 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

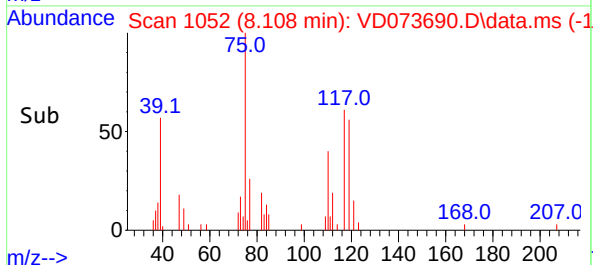
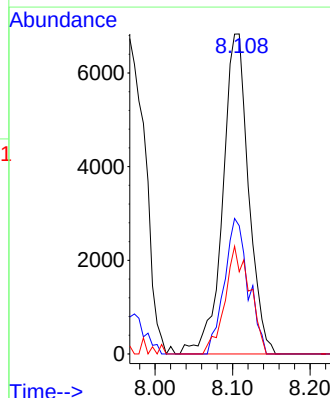
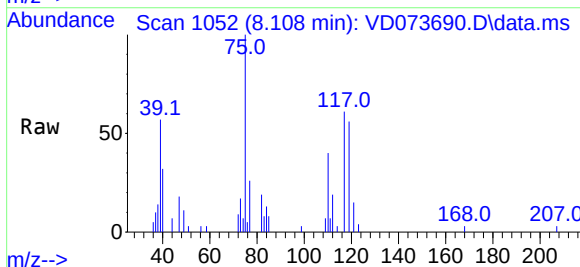
Tgt Ion: 75 Resp: 15870

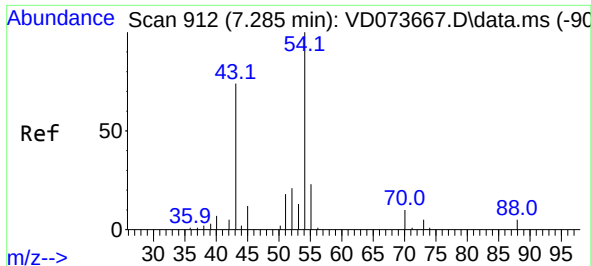
Ion Ratio Lower Upper

75 100

110 39.2 18.0 54.0

77 32.3 25.6 38.4





#37

Ethyl Acetate

Concen: 5.172 ug/l

RT: 7.279 min Scan# 911

Delta R.T. -0.006 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

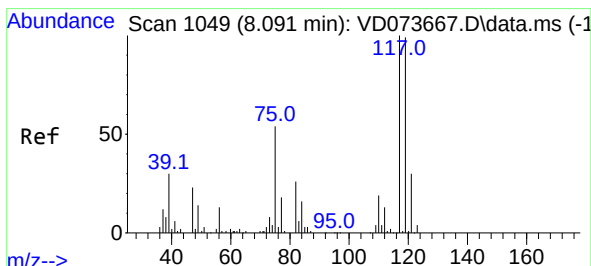
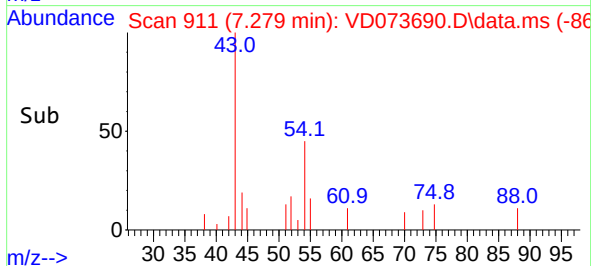
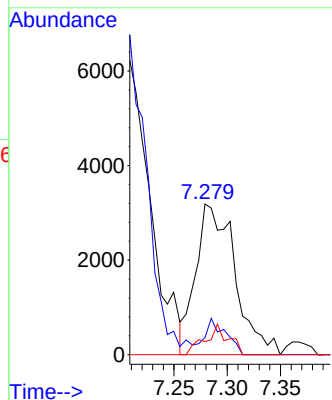
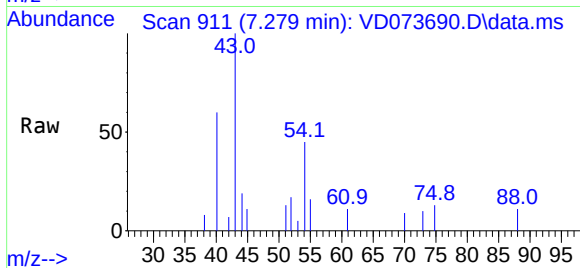
Tgt Ion: 43 Resp: 8166

Ion Ratio Lower Upper

43 100

61 12.9 10.6 16.0

70 11.8 9.9 14.9



#38

Carbon Tetrachloride

Concen: 4.164 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

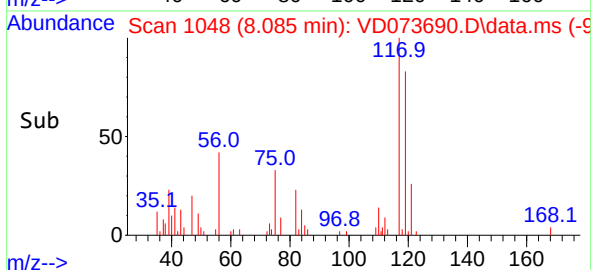
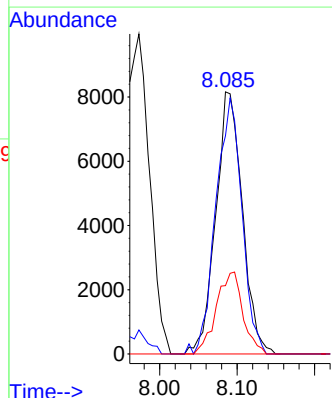
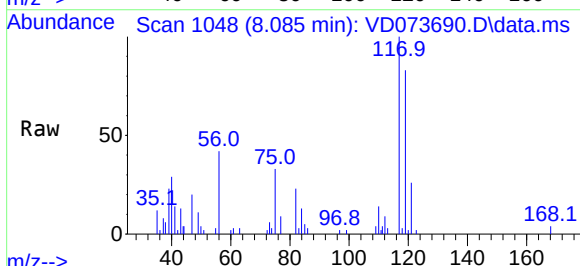
Tgt Ion: 117 Resp: 19503

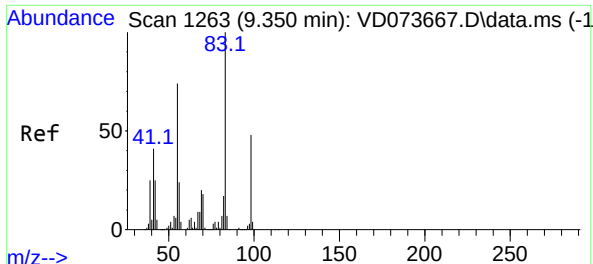
Ion Ratio Lower Upper

117 100

119 83.3 79.2 118.8

121 26.0 23.8 35.8

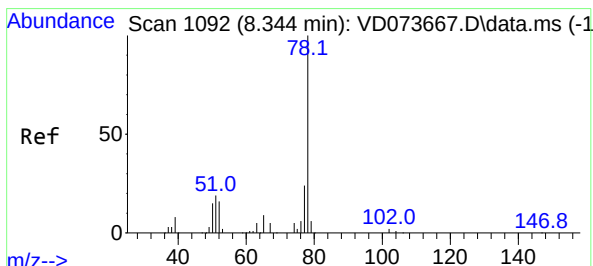
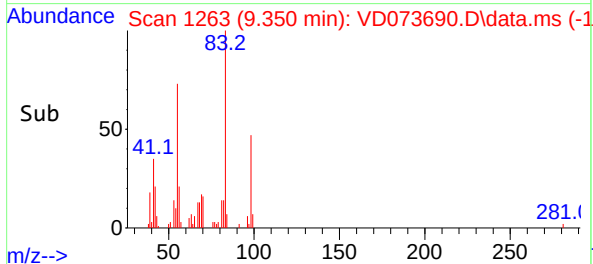
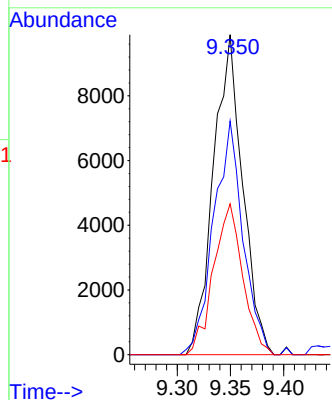
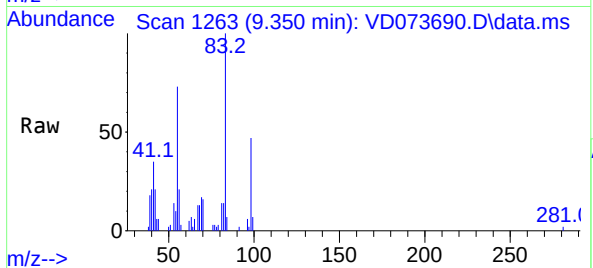




#39
Methylcyclohexane
Concen: 4.222 ug/l
RT: 9.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

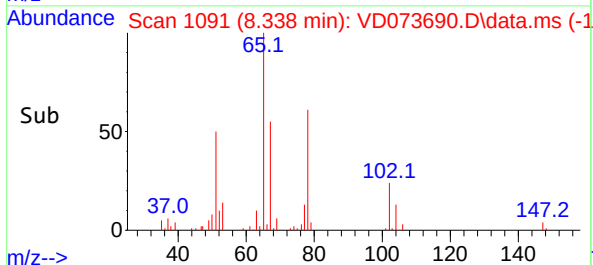
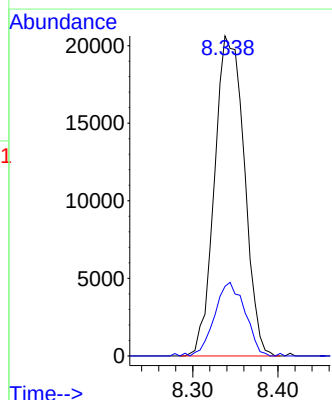
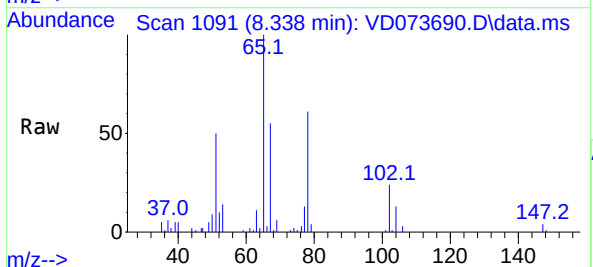
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

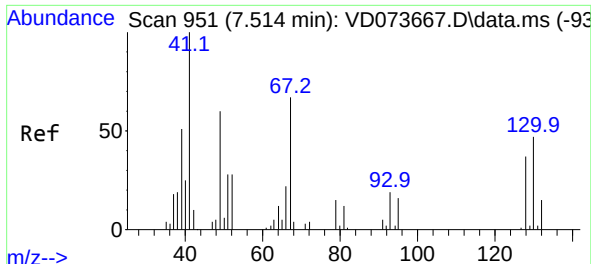
Tgt Ion: 83	Resp: 18856
Ion Ratio	Lower Upper
83 100	
55 73.0	59.0 88.4
98 47.2	38.3 57.5



#40
Benzene
Concen: 4.290 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 78	Resp: 49953
Ion Ratio	Lower Upper
78 100	
77 21.8	19.0 28.4

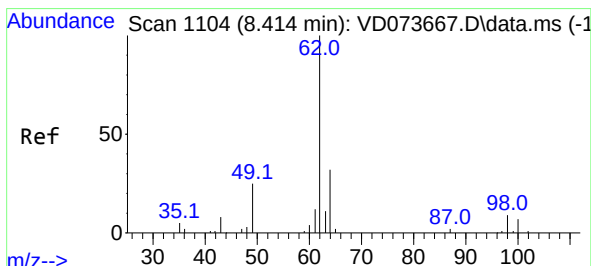
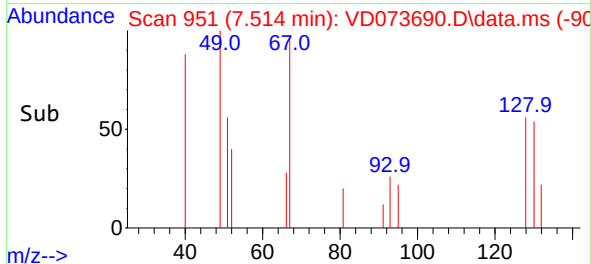
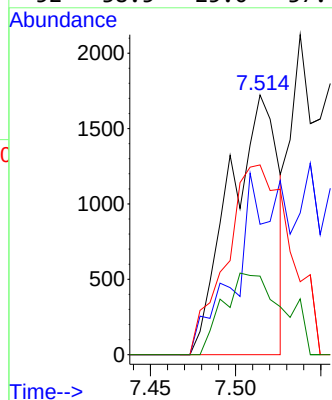
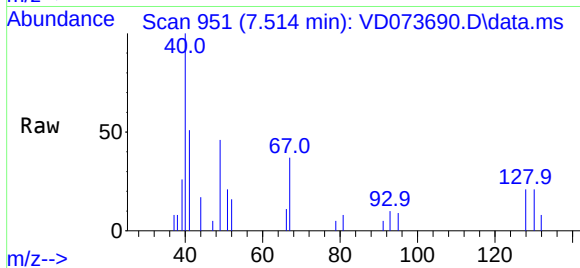




#41
Methacrylonitrile
Concen: 3.582 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

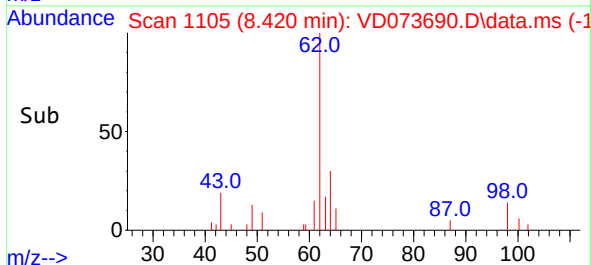
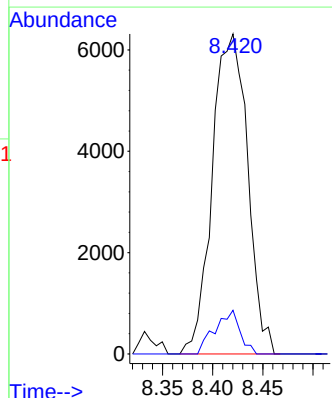
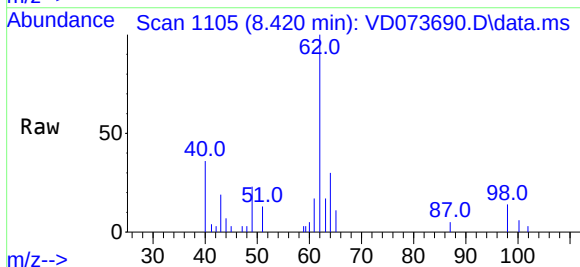
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

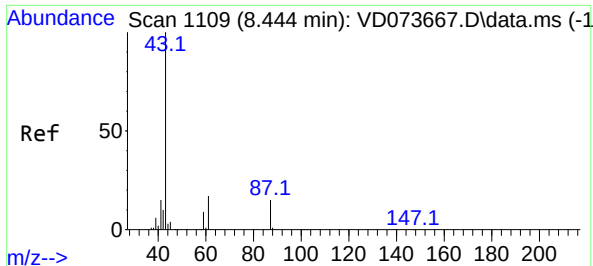
Tgt Ion:	41	Resp:	3414
Ion	Ratio	Lower	Upper
41	100		
39	49.2	42.1	63.1
67	96.5	58.6	87.8#
52	38.5	25.0	37.4#



#42
1,2-Dichloroethane
Concen: 4.401 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:	62	Resp:	15440
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6

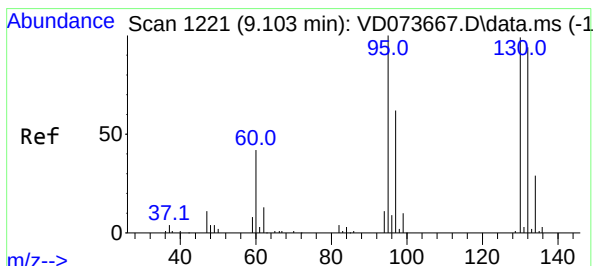
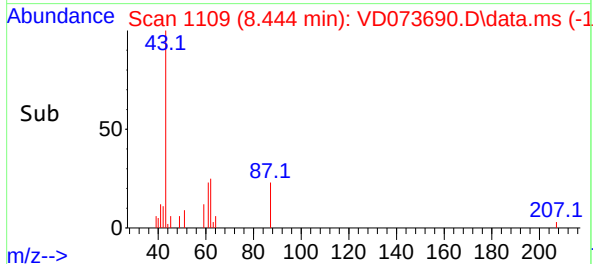
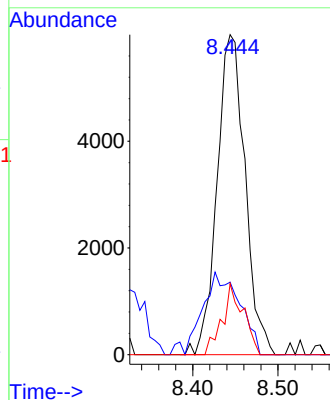
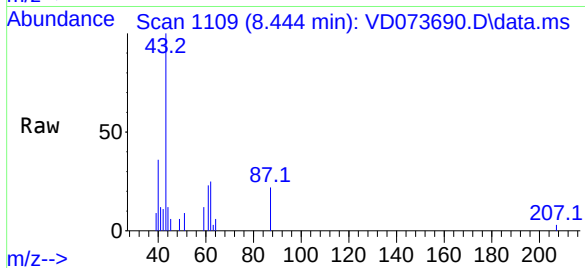




#43
Isopropyl Acetate
Concen: 4.416 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

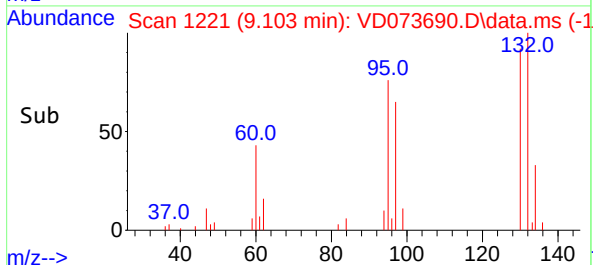
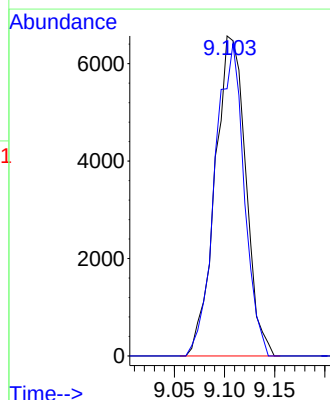
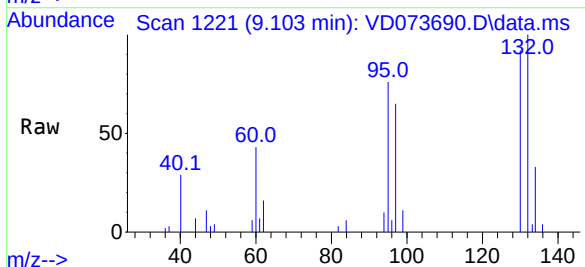
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

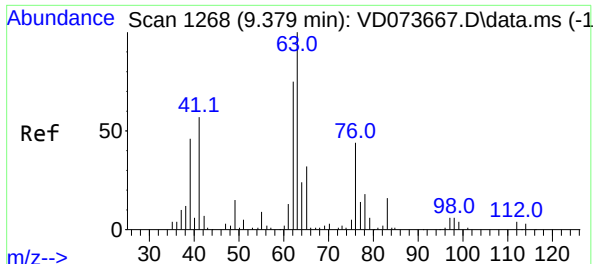
Tgt Ion:	43	Resp:	13680
Ion	Ratio	Lower	Upper
43	100		
61	34.8	25.4	38.0
87	16.8	11.9	17.9



#44
Trichloroethene
Concen: 4.175 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:	130	Resp:	13966
Ion	Ratio	Lower	Upper
130	100		
95	83.5	0.0	202.8





#45

1,2-Dichloropropane

Concen: 4.235 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

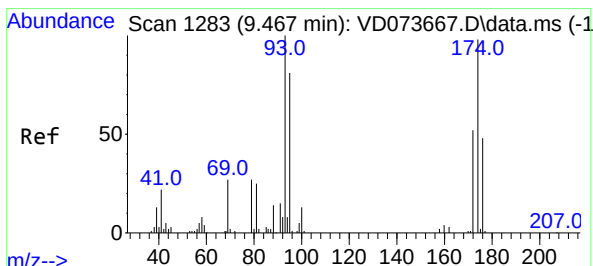
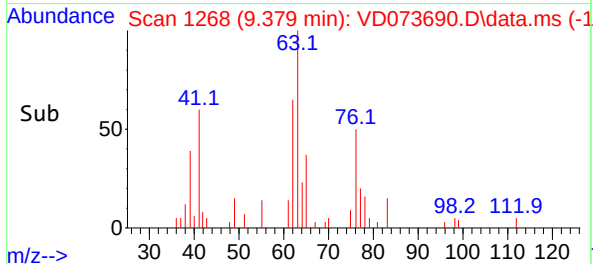
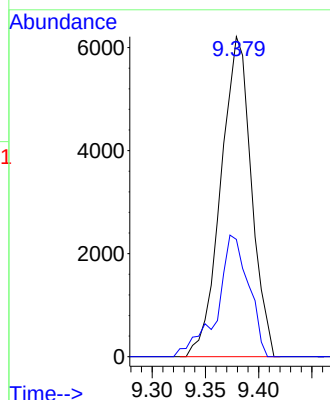
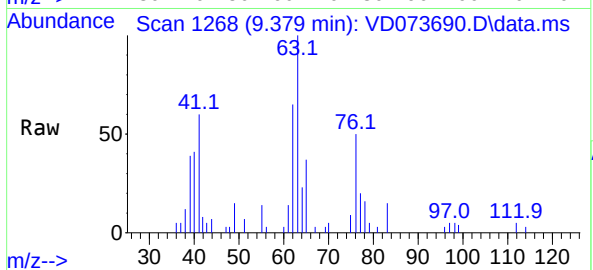
MDL-SOIL-03-QT2-2022

Tgt Ion: 63 Resp: 12363

Ion Ratio Lower Upper

63 100

65 36.6 25.5 38.3



#46

Dibromomethane

Concen: 4.203 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

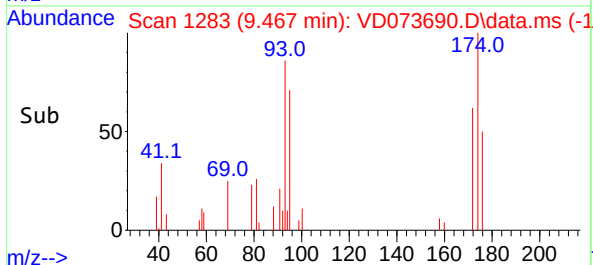
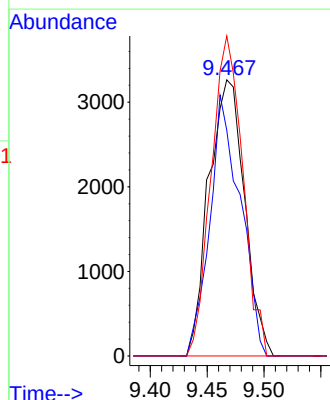
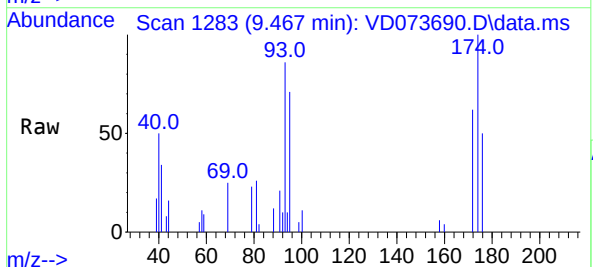
Tgt Ion: 93 Resp: 7124

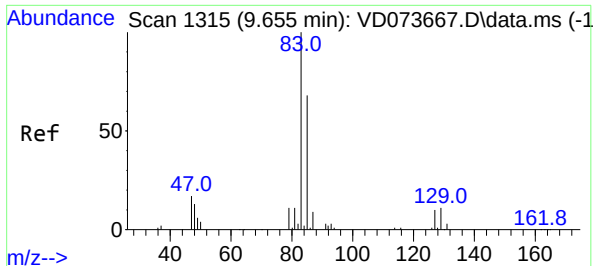
Ion Ratio Lower Upper

93 100

95 80.9 67.8 101.8

174 102.6 82.3 123.5





#47

Bromodichloromethane

Concen: 4.128 ug/l

RT: 9.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

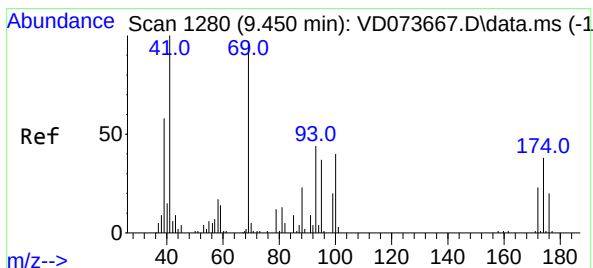
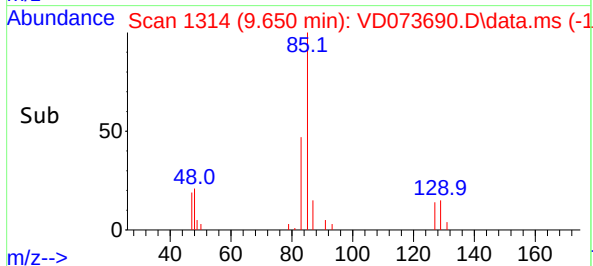
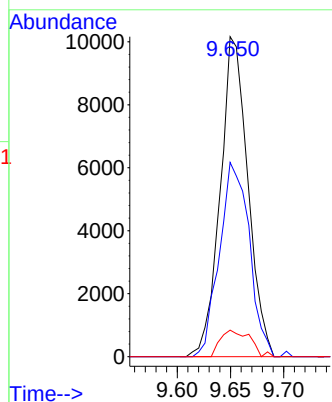
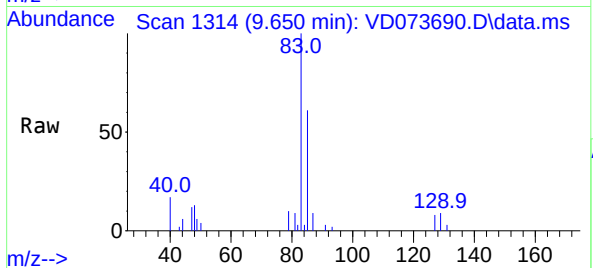
Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 83	Resp: 18335
Ion Ratio	Lower Upper
83	100
85	60.7 54.5 81.7
127	8.3 7.7 11.5



#48

Methyl methacrylate

Concen: 3.912 ug/l

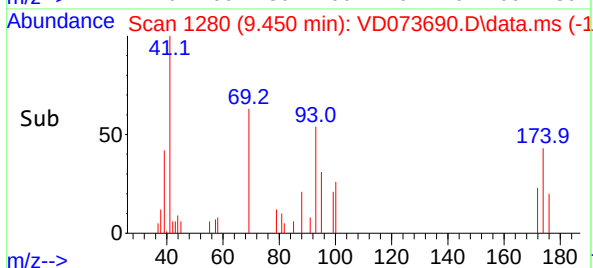
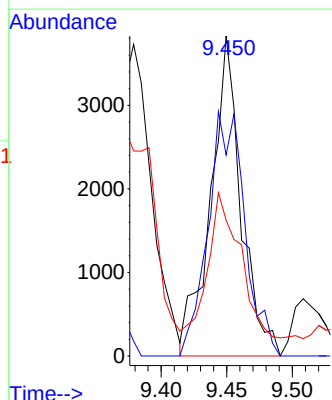
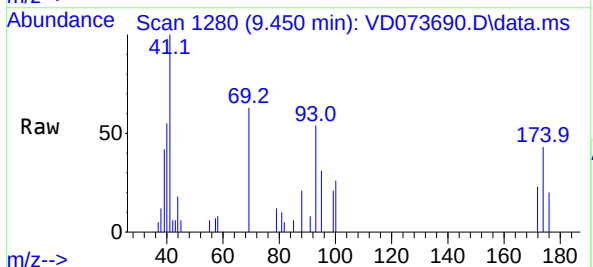
RT: 9.450 min Scan# 1280

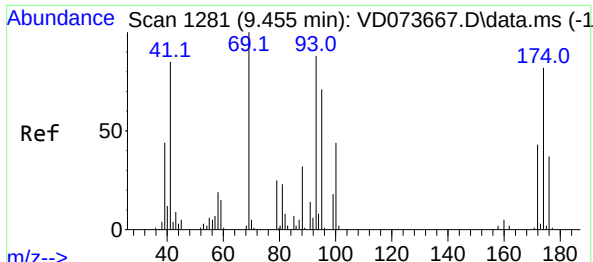
Delta R.T. -0.000 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Tgt Ion: 41	Resp: 6151
Ion Ratio	Lower Upper
41	100
69	92.5 69.6 104.4
39	63.4 45.5 68.3

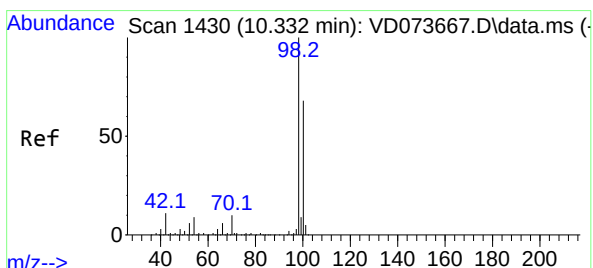
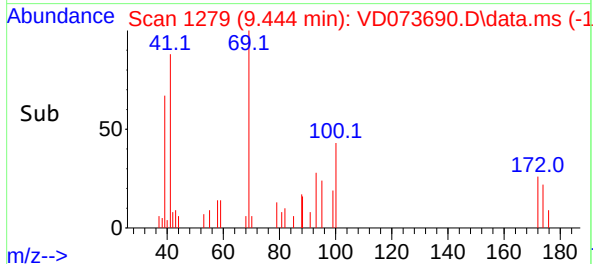
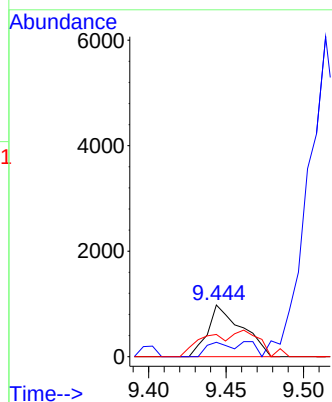
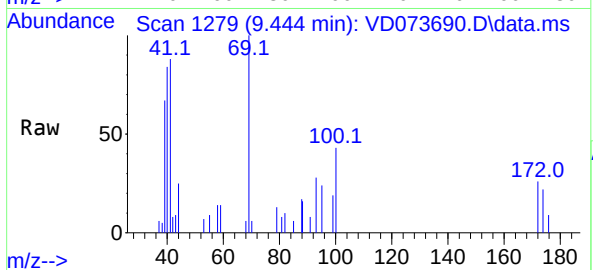




#49
1,4-Dioxane
Concen: 78.843 ug/l
RT: 9.444 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

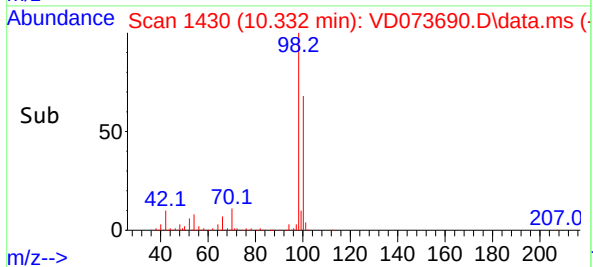
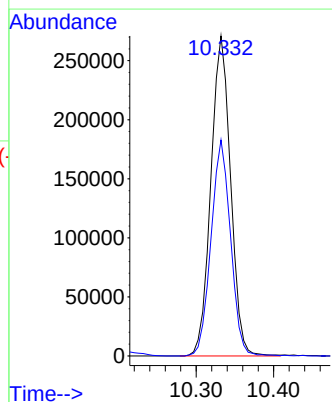
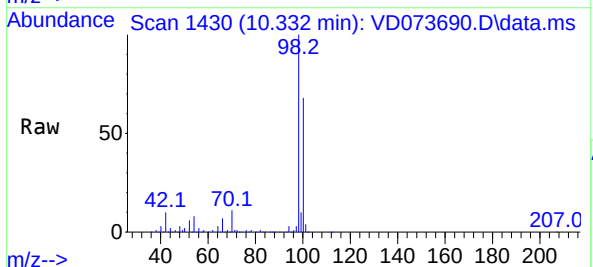
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

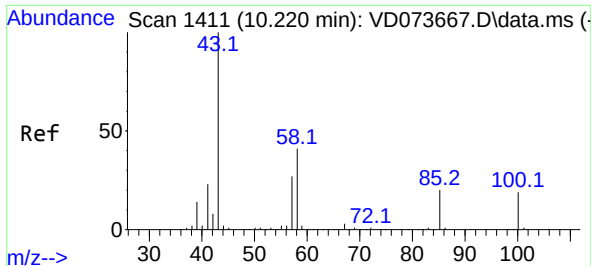
Tgt Ion: 88 Resp: 1492
Ion Ratio Lower Upper
88 100
43 0.0 24.5 36.7#
58 38.0 54.4 81.6#



#50
Toluene-d8
Concen: 46.660 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 98 Resp: 480100
Ion Ratio Lower Upper
98 100
100 66.9 54.0 81.0

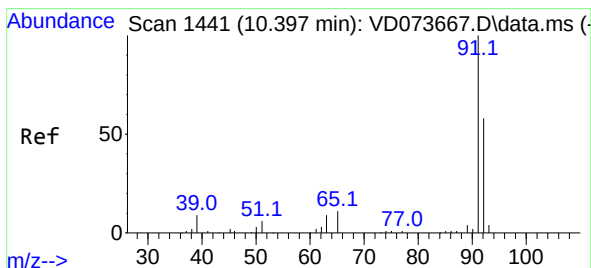
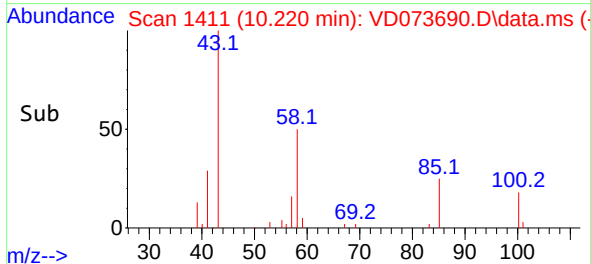
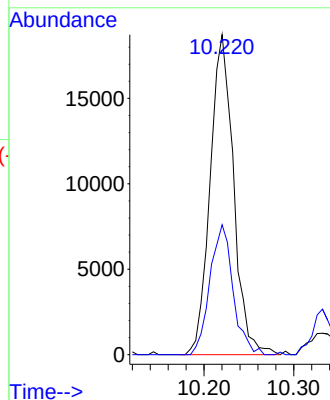
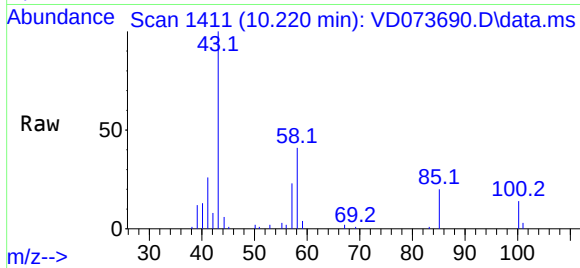




#51
4-Methyl-2-Pentanone
Concen: 21.329 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

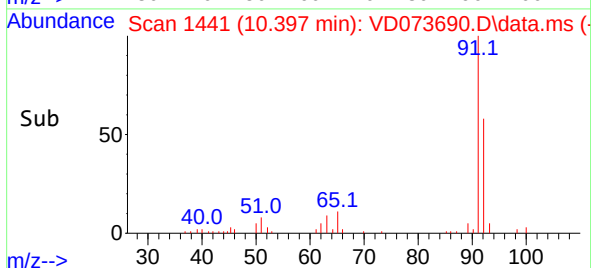
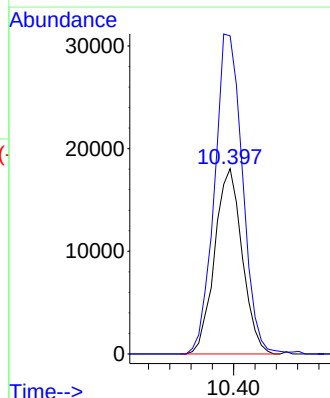
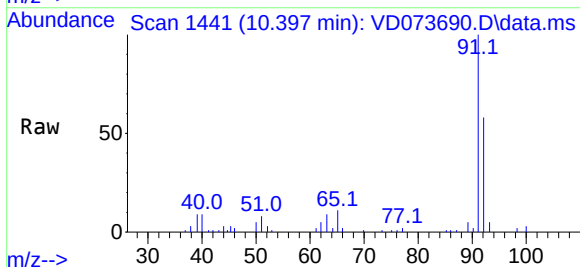
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

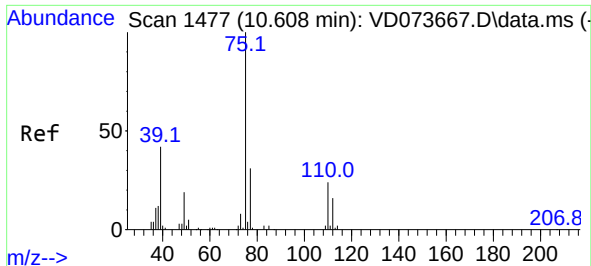
Tgt Ion: 43 Resp: 33957
Ion Ratio Lower Upper
43 100
58 40.0 32.3 48.5



#52
Toluene
Concen: 4.239 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 92 Resp: 32347
Ion Ratio Lower Upper
92 100
91 176.3 136.1 204.1

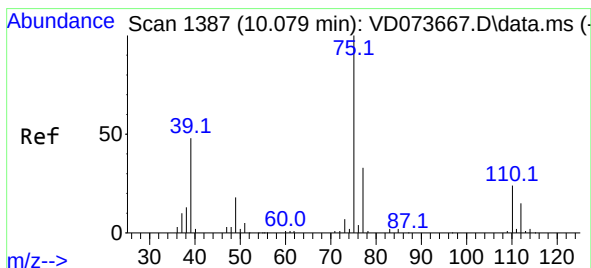
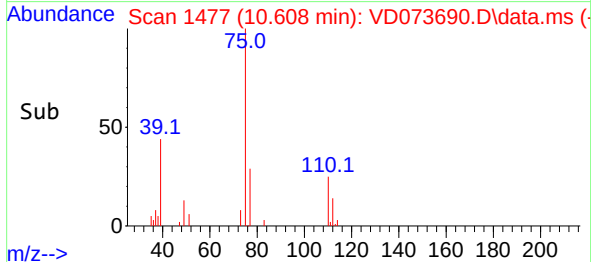
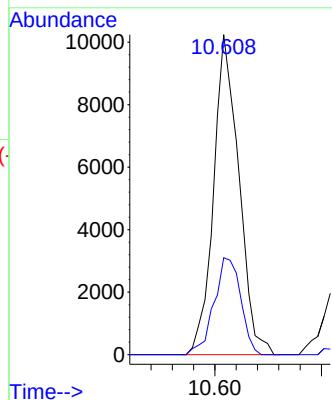
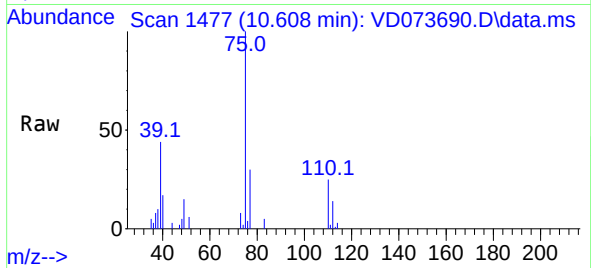




#53
t-1,3-Dichloropropene
Concen: 4.175 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

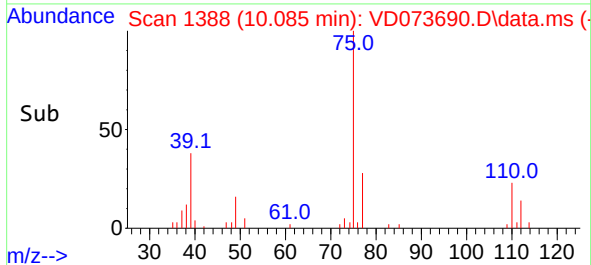
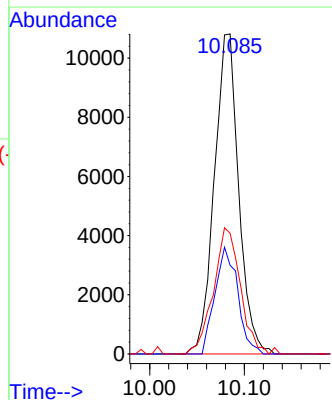
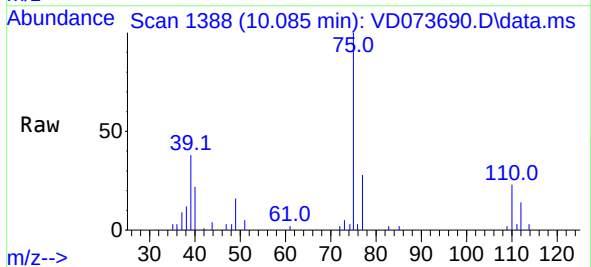
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022

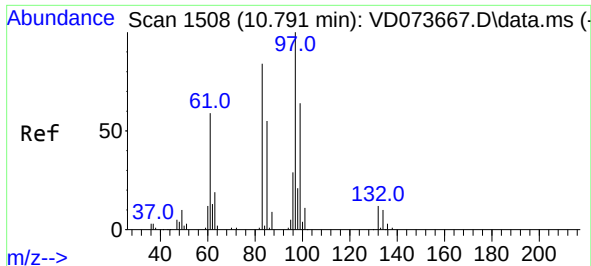
Tgt Ion: 75 Resp: 16871
Ion Ratio Lower Upper
75 100
77 30.3 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 4.203 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 75 Resp: 19335
Ion Ratio Lower Upper
75 100
77 27.7 26.2 39.2
39 37.7 38.0 57.0#

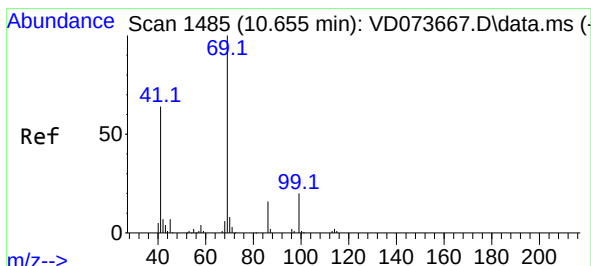
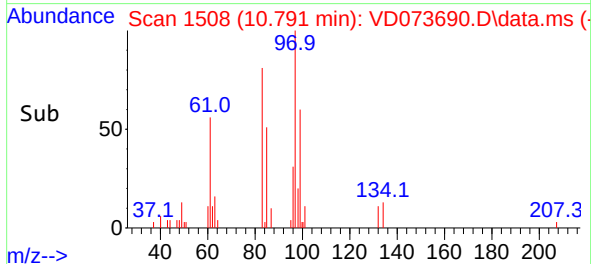
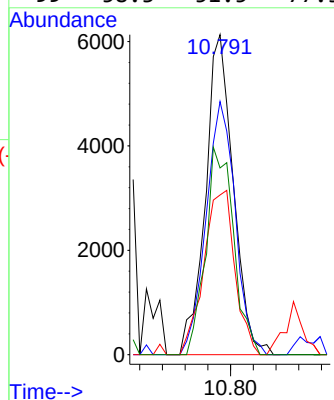
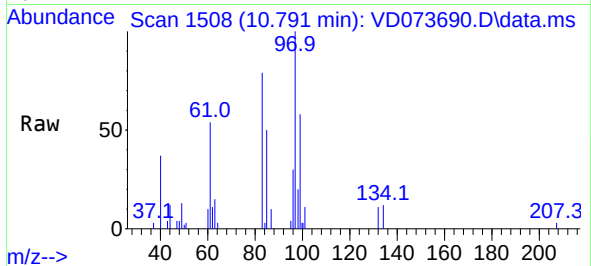




#55
1,1,2-Trichloroethane
Concen: 4.376 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

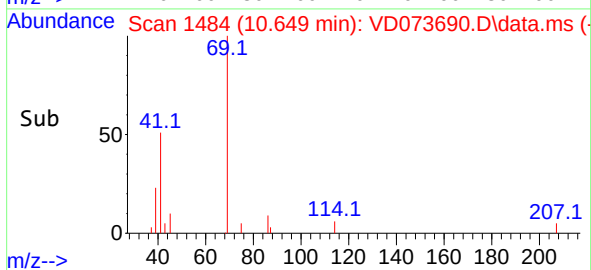
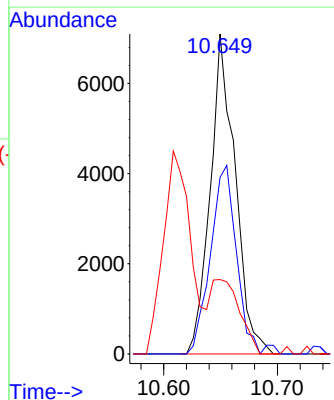
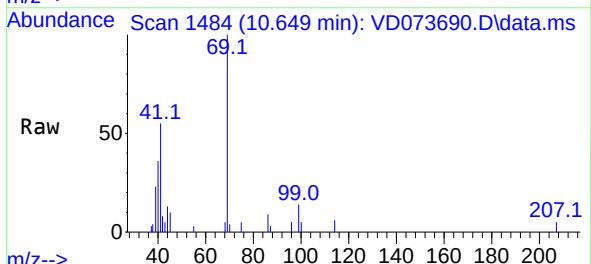
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

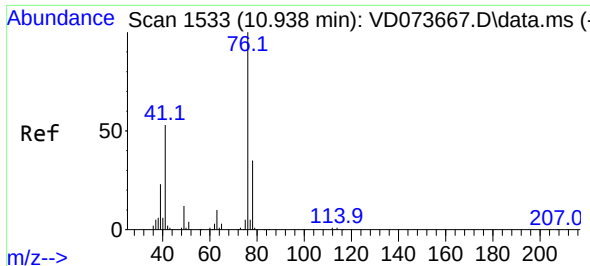
Tgt Ion:	97	Resp:	10454
Ion	Ratio	Lower	Upper
97	100		
83	79.1	67.1	100.7
85	49.9	44.0	66.0
99	58.3	51.5	77.3



#56
Ethyl methacrylate
Concen: 4.022 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:	69	Resp:	10831
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.6	77.4
39	26.4	29.2	43.8

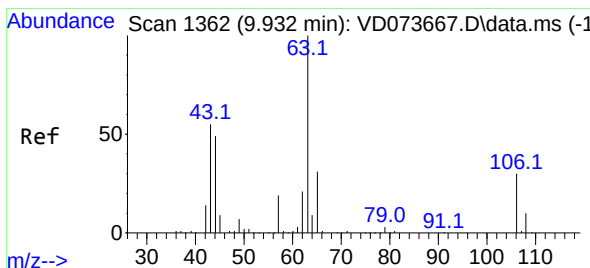
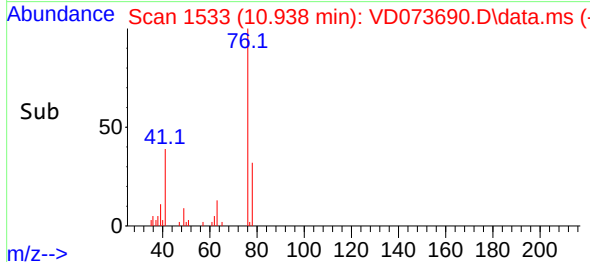
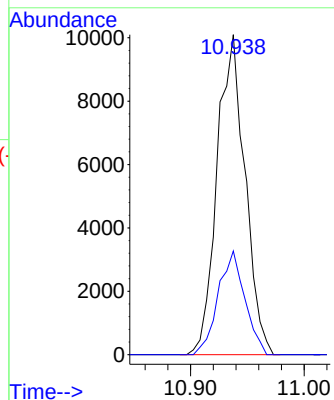
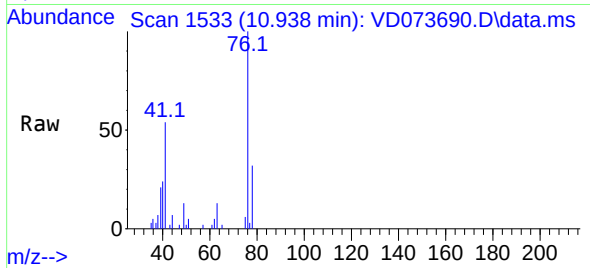




#57
1,3-Dichloropropane
Concen: 4.383 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

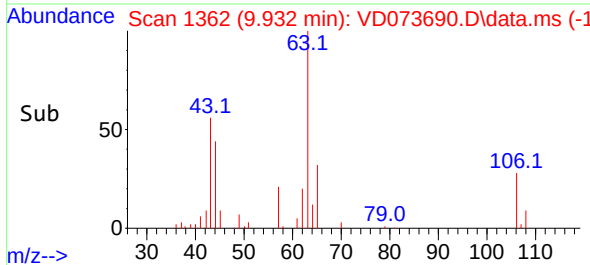
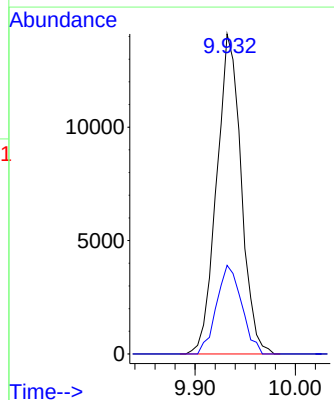
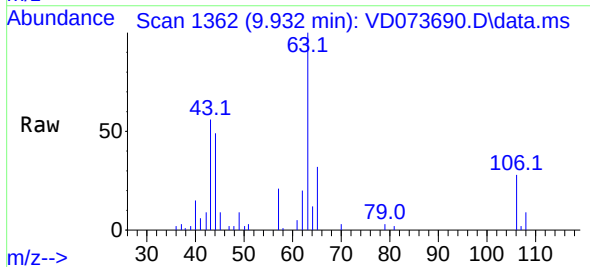
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022

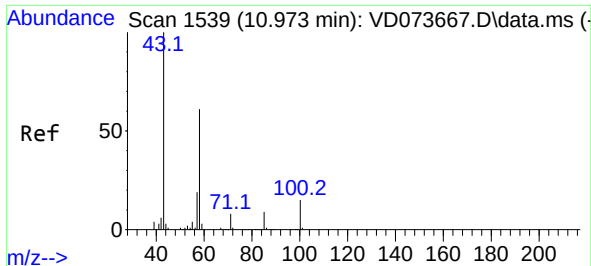
Tgt Ion: 76 Resp: 17266
Ion Ratio Lower Upper
76 100
78 31.0 27.1 40.7



#58
2-Chloroethyl Vinyl ether
Concen: 22.906 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 63 Resp: 23936
Ion Ratio Lower Upper
63 100
106 28.3 25.2 37.8

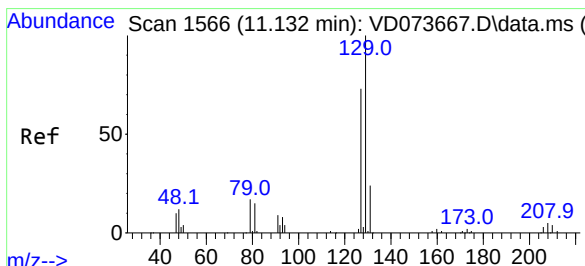
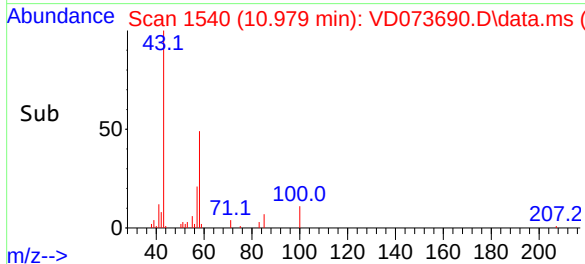
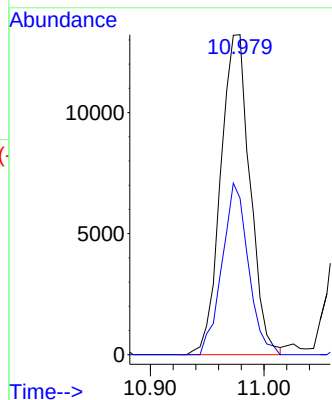
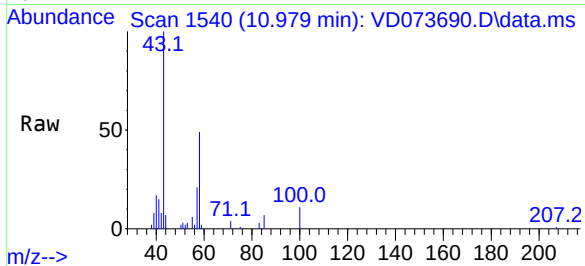




#59
2-Hexanone
Concen: 22.097 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

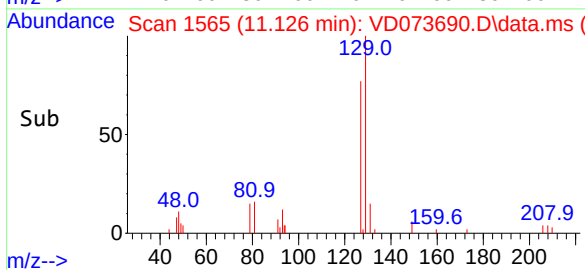
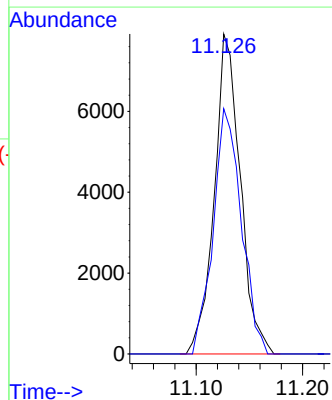
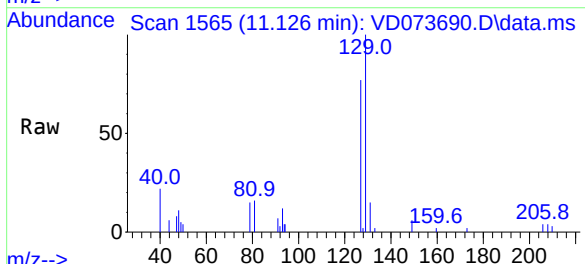
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

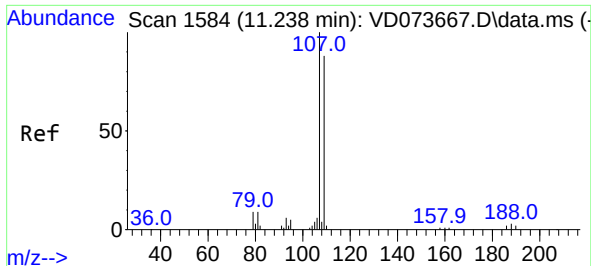
Tgt Ion: 43 Resp: 23750
Ion Ratio Lower Upper
43 100
58 47.9 28.8 86.4



#60
Dibromochloromethane
Concen: 4.251 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:129 Resp: 13384
Ion Ratio Lower Upper
129 100
127 83.1 36.8 110.4

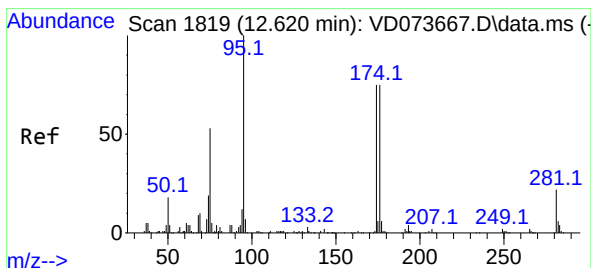
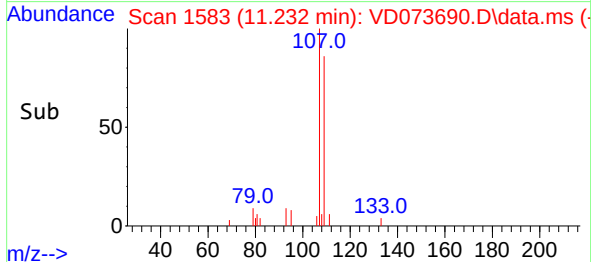
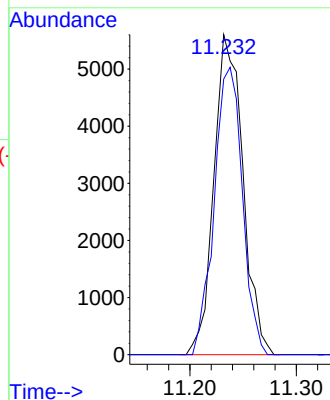
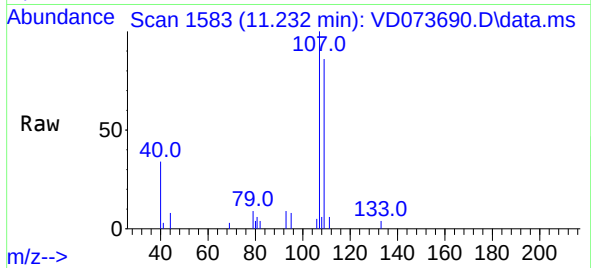




#61
1,2-Dibromoethane
Concen: 4.681 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

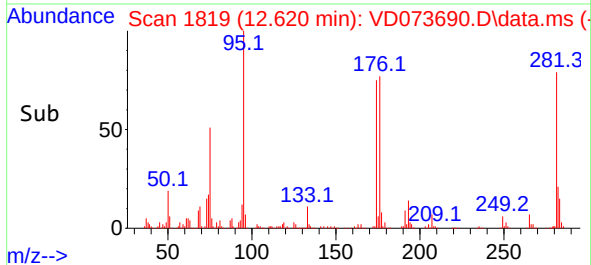
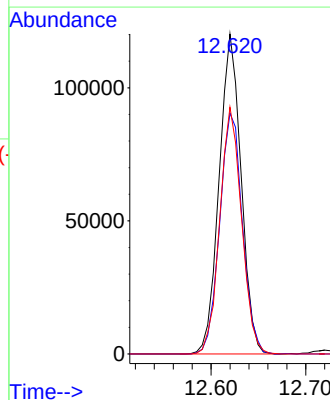
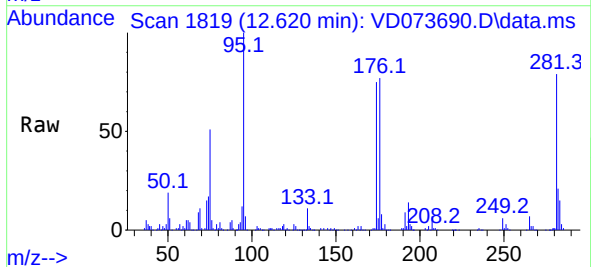
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

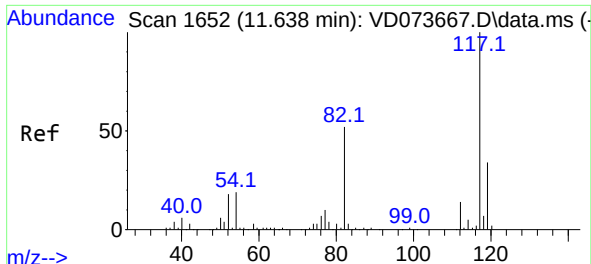
Tgt Ion:107 Resp: 10585
Ion Ratio Lower Upper
107 100
109 87.3 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 50.152 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 95 Resp: 193545
Ion Ratio Lower Upper
95 100
174 78.0 0.0 158.4
176 76.6 0.0 154.8

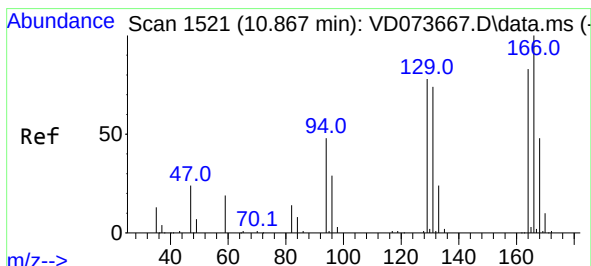
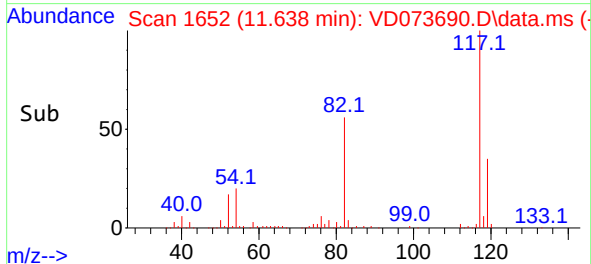
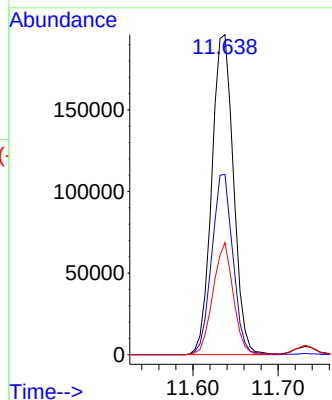
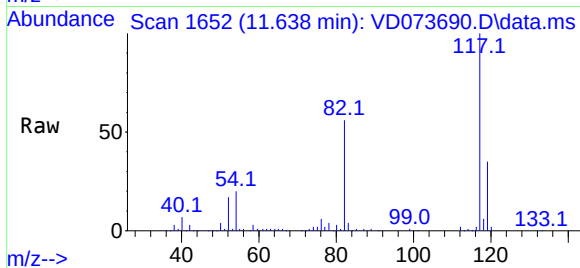




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

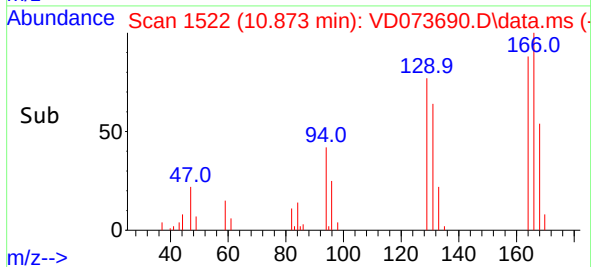
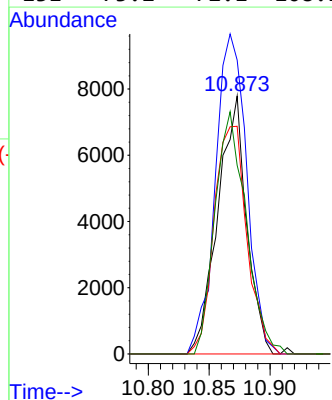
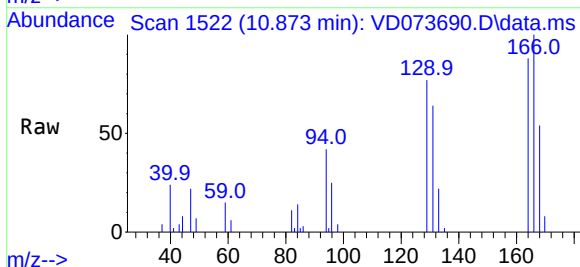
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

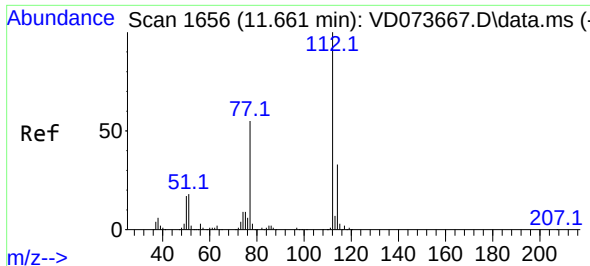
Tgt Ion:117 Resp: 347733
Ion Ratio Lower Upper
117 100
82 56.3 41.5 62.3
119 35.0 27.1 40.7



#64
Tetrachloroethene
Concen: 4.651 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:164 Resp: 12805
Ion Ratio Lower Upper
164 100
166 114.0 97.0 145.4
129 88.3 75.2 112.8
131 73.2 72.1 108.1

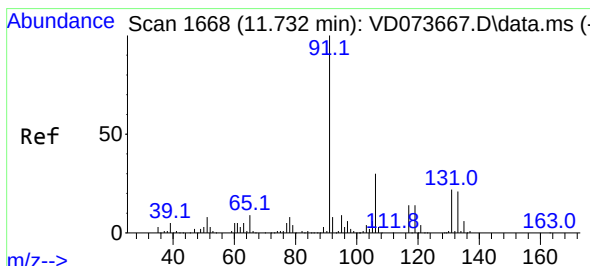
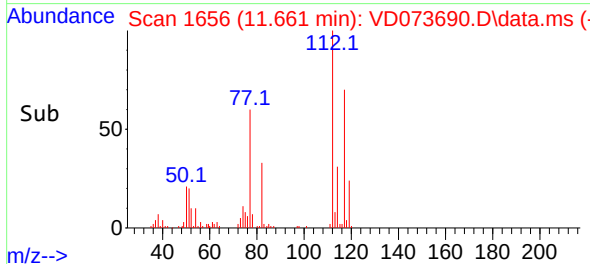
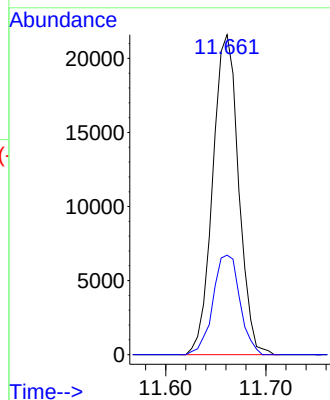
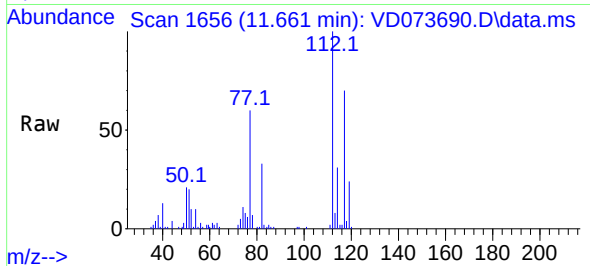




#65
Chlorobenzene
Concen: 4.542 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

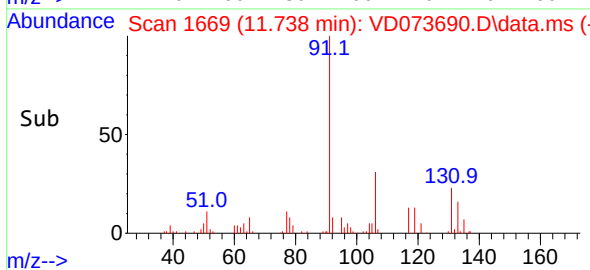
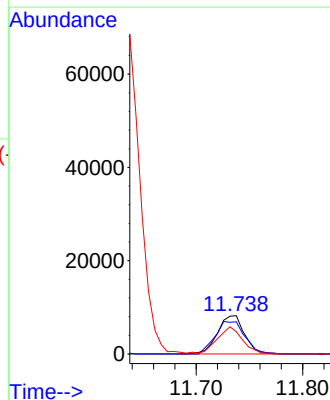
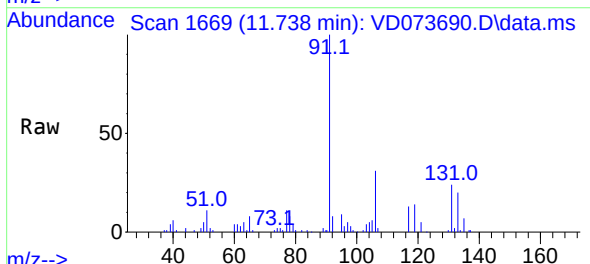
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

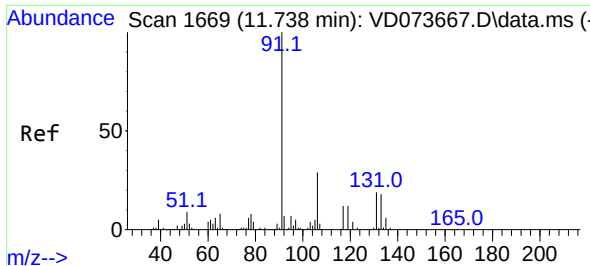
Tgt Ion:112 Resp: 38656
Ion Ratio Lower Upper
112 100
114 31.1 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.216 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:131 Resp: 14419
Ion Ratio Lower Upper
131 100
133 93.6 47.1 141.4
119 67.2 31.4 94.3





#67

Ethyl Benzene

Concen: 4.024 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

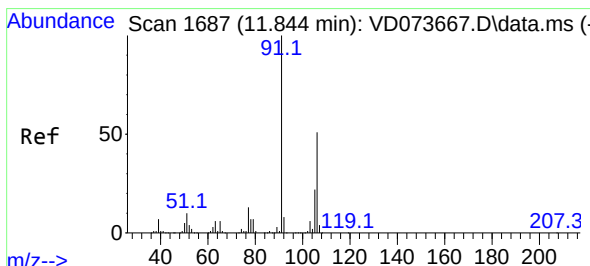
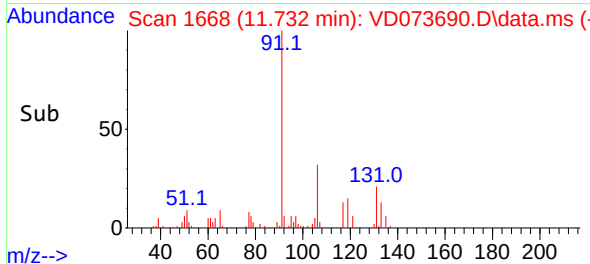
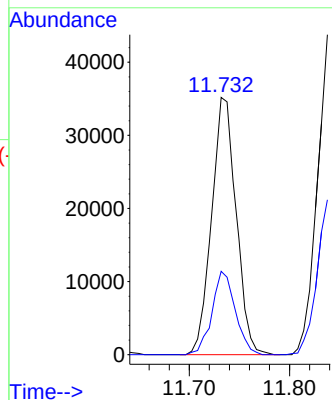
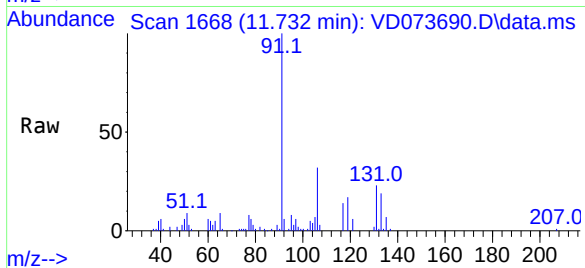
MDL-SOIL-03-QT2-2022

Tgt Ion: 91 Resp: 59763

Ion Ratio Lower Upper

91 100

106 32.4 23.5 35.3



#68

m/p-Xylenes

Concen: 7.799 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073690.D

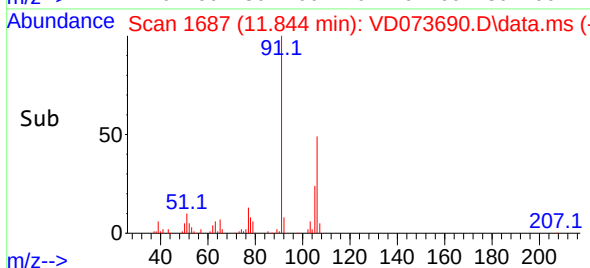
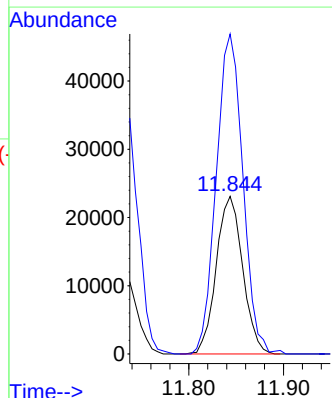
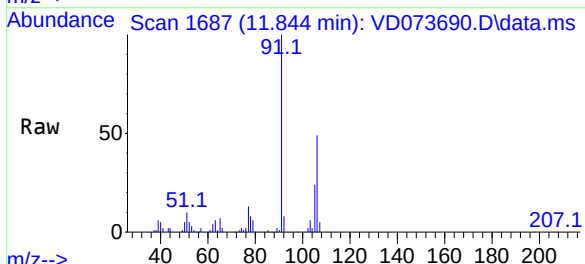
Acq: 24 Jun 2022 16:26

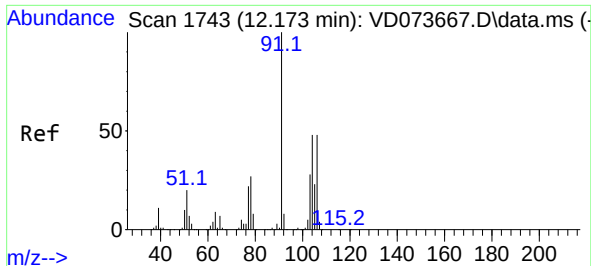
Tgt Ion: 106 Resp: 44764

Ion Ratio Lower Upper

106 100

91 204.4 161.4 242.2





#69

o-Xylene

Concen: 3.917 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. -0.006 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

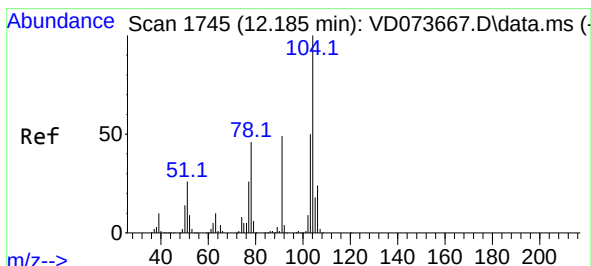
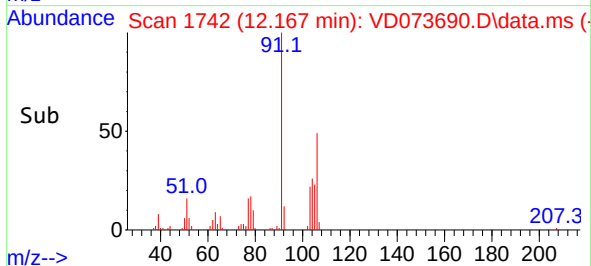
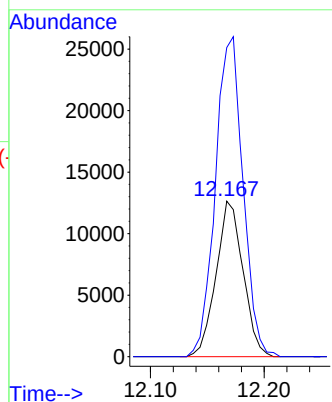
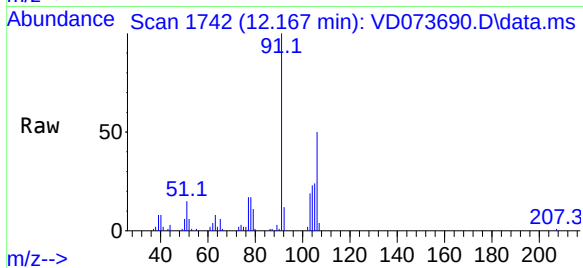
MDL-SOIL-03-QT2-2022

Tgt Ion:106 Resp: 20851

Ion Ratio Lower Upper

106 100

91 210.8 107.6 322.8



#70

Styrene

Concen: 3.688 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

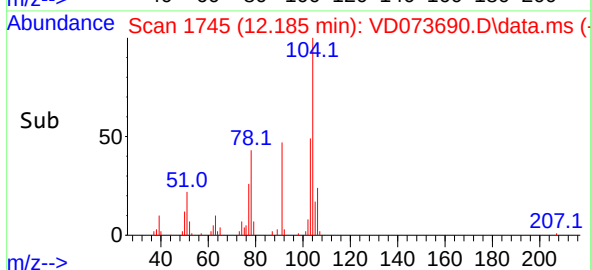
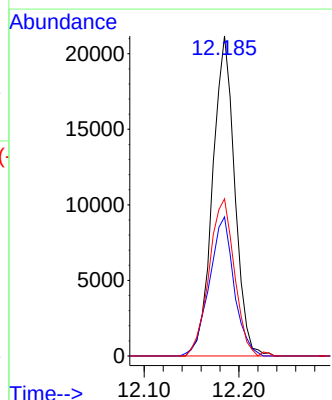
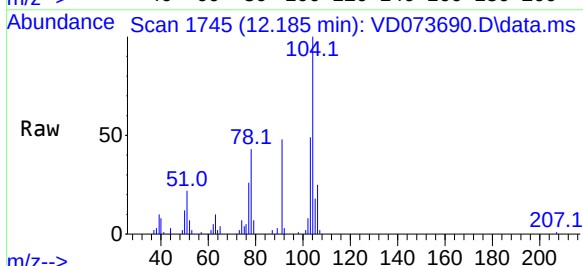
Tgt Ion:104 Resp: 34354

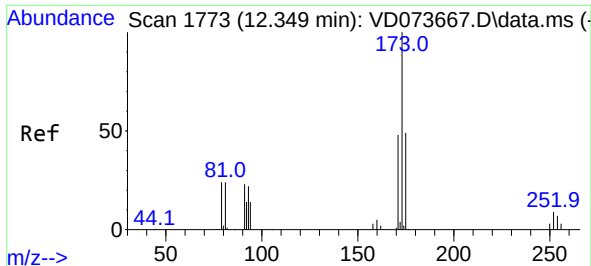
Ion Ratio Lower Upper

104 100

78 48.4 39.8 59.8

103 56.2 43.3 64.9

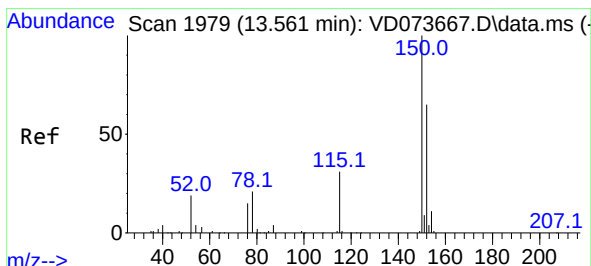
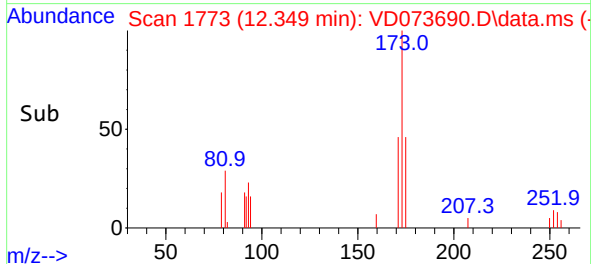
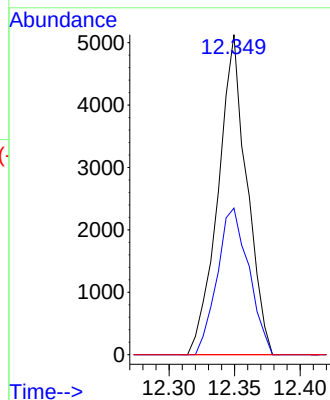
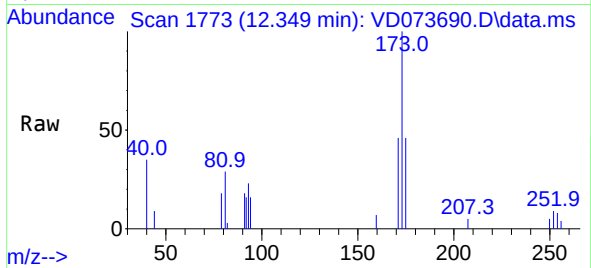




#71
Bromoform
Concen: 4.202 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

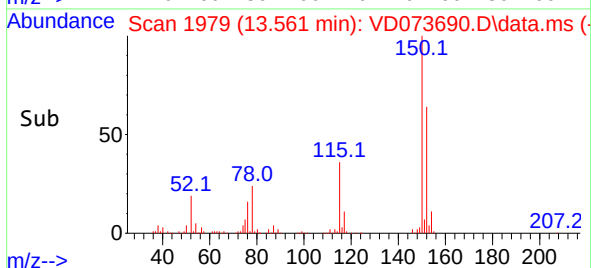
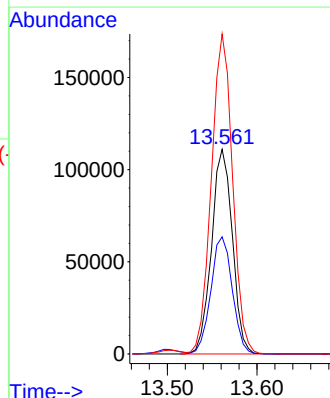
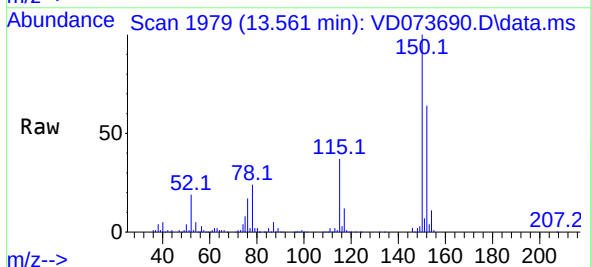
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

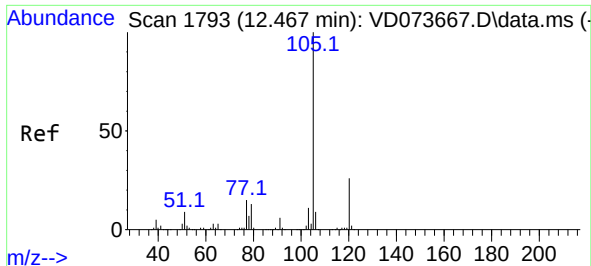
Tgt Ion:173	Resp:	7821
Ion	Ratio	Lower Upper
173	100	
175	50.2	24.0 72.0
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:152	Resp:	179019
Ion	Ratio	Lower Upper
152	100	
115	58.8	30.6 91.6
150	159.2	0.0 355.0

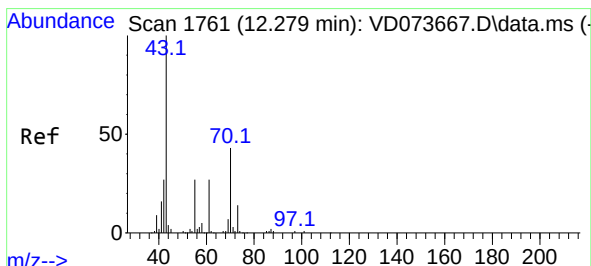
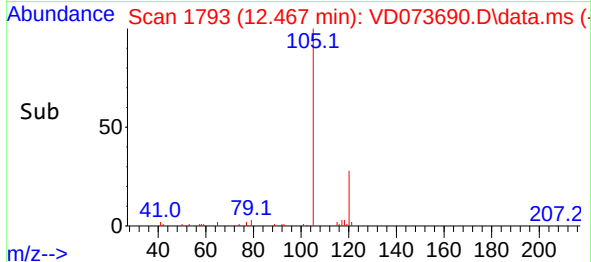
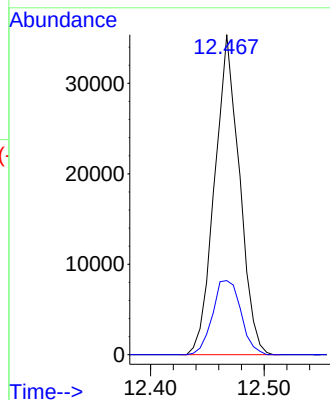
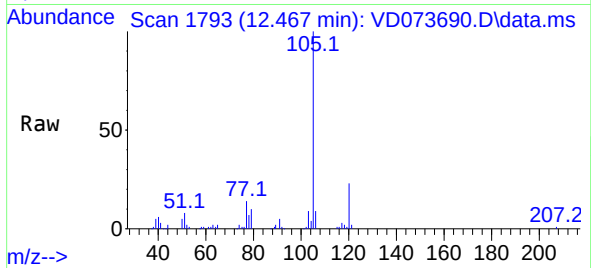




#73
Isopropylbenzene
Concen: 3.677 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

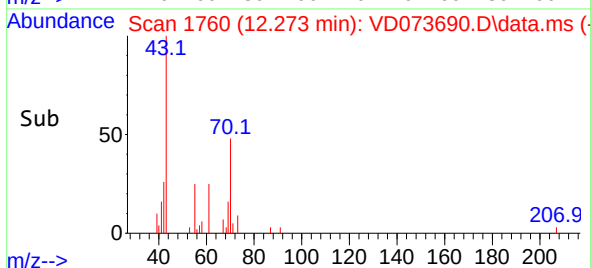
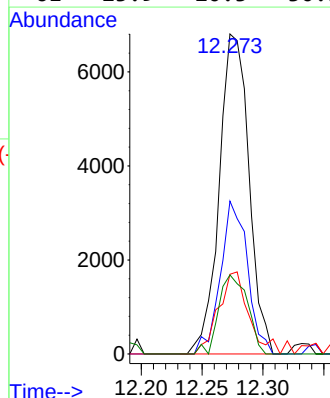
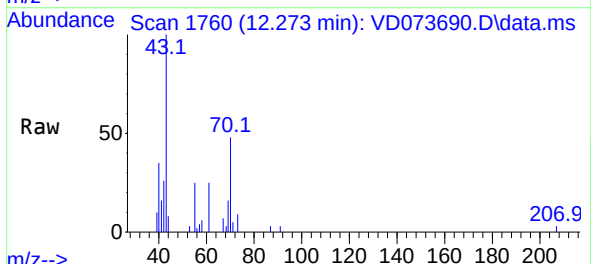
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

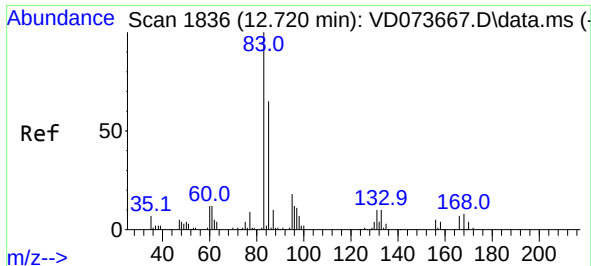
Tgt Ion:105 Resp: 53757
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 3.864 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 43 Resp: 11559
Ion Ratio Lower Upper
43 100
70 43.5 35.0 52.6
55 25.9 21.0 31.4
61 23.9 20.3 30.5

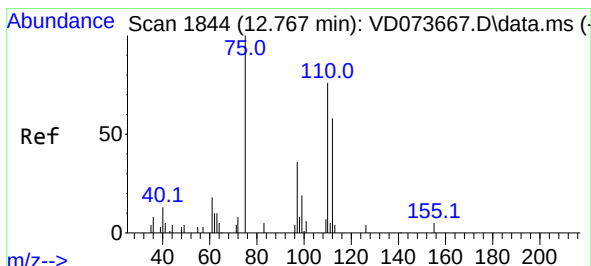
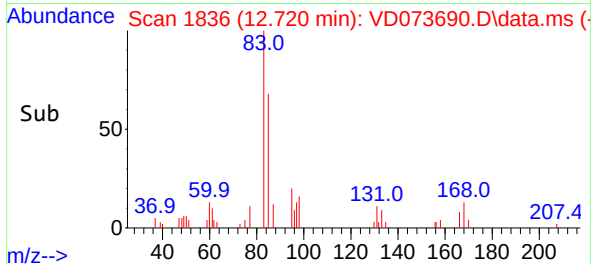
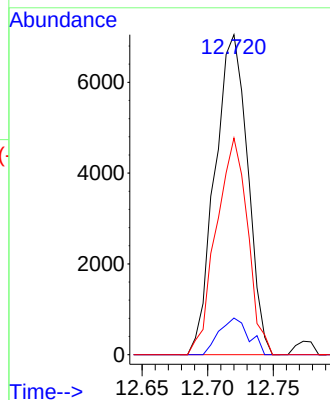
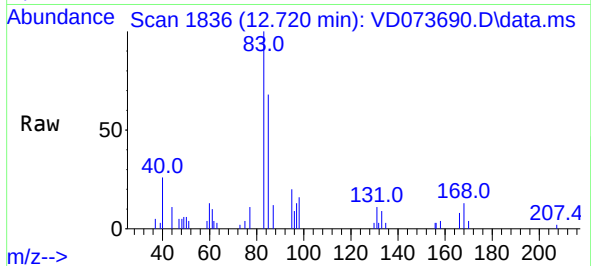




#75
1,1,2,2-Tetrachloroethane
Concen: 4.435 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

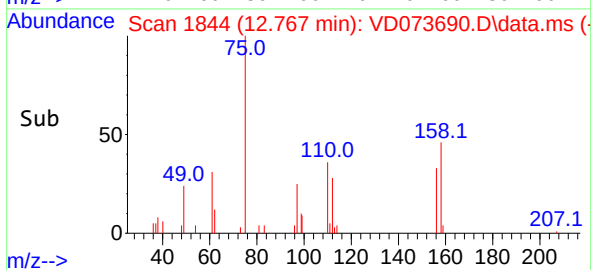
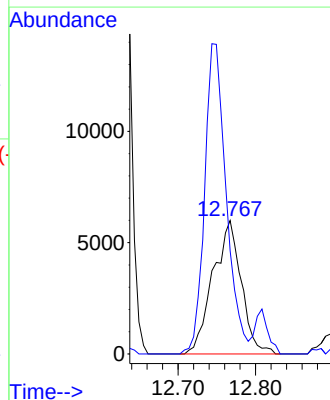
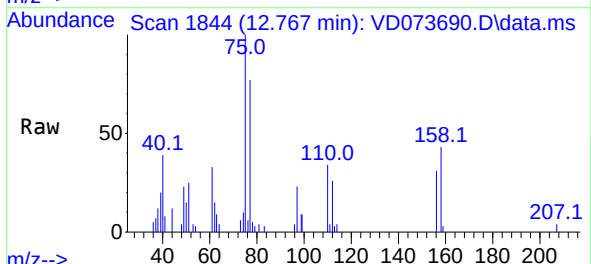
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

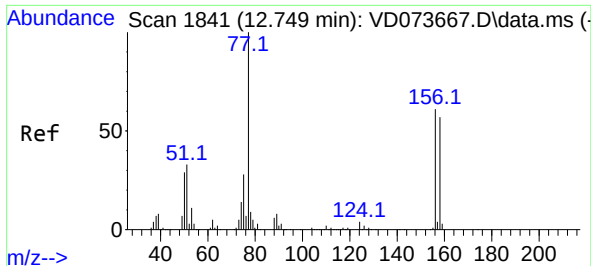
Tgt Ion:	83	Resp:	12231
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.5	16.7
85	65.0	32.3	96.9



#76
1,2,3-Trichloropropane
Concen: 8.762 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:	75	Resp:	15264
Ion	Ratio	Lower	Upper
75	100		
77	0.0	195.3	586.0#

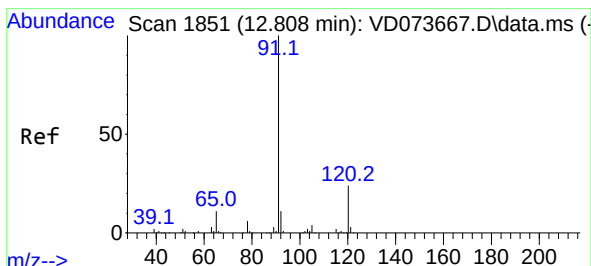
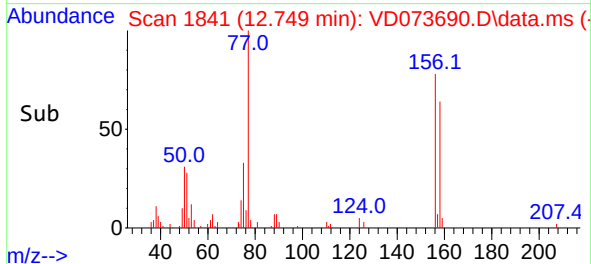
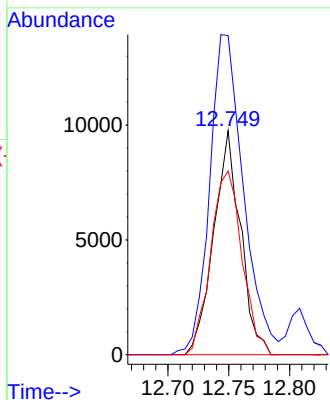
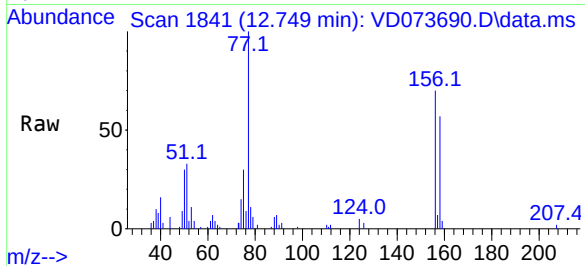




#77
Bromobenzene
Concen: 4.275 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

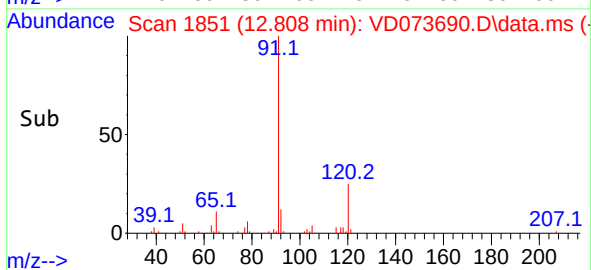
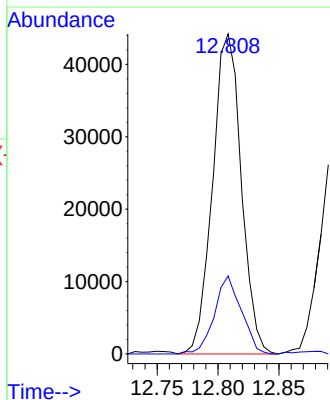
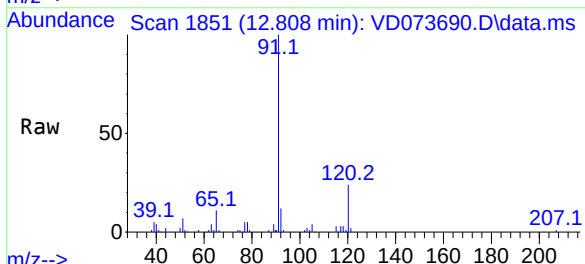
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

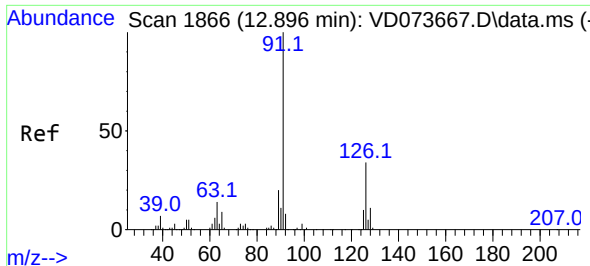
Tgt Ion:156 Resp: 15027
Ion Ratio Lower Upper
156 100
77 179.5 90.9 272.7
158 95.6 48.4 145.2



#78
n-propylbenzene
Concen: 4.047 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 91 Resp: 72303
Ion Ratio Lower Upper
91 100
120 22.9 11.8 35.3

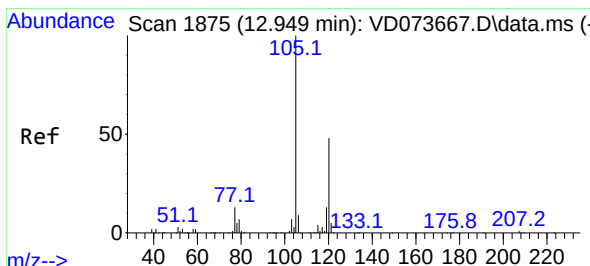
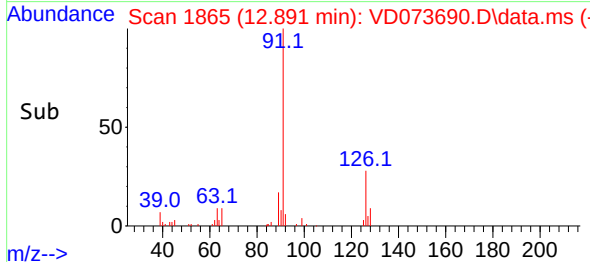
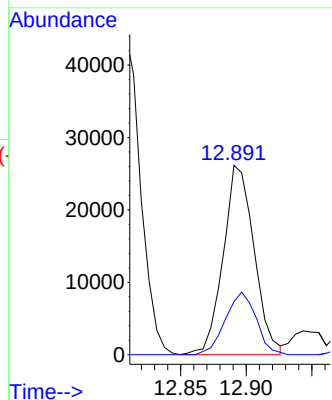
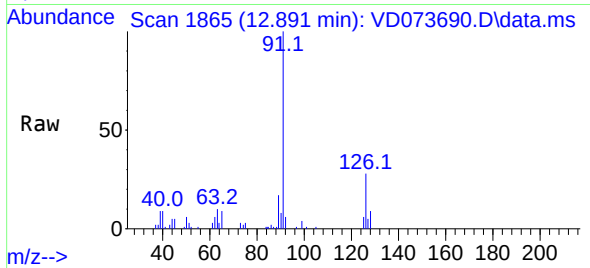




#79
2-Chlorotoluene
Concen: 4.124 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

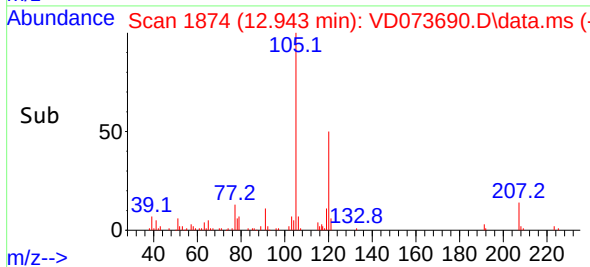
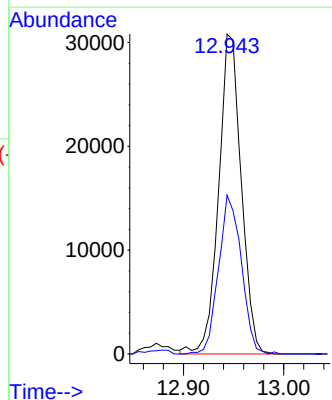
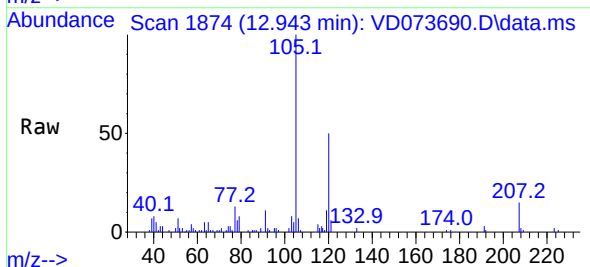
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

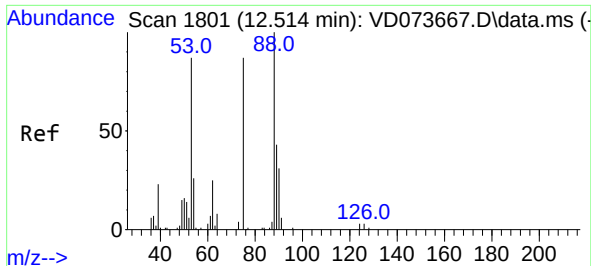
Tgt Ion: 91 Resp: 42923
Ion Ratio Lower Upper
91 100
126 32.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 3.841 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 105 Resp: 48133
Ion Ratio Lower Upper
105 100
120 50.0 24.5 73.5

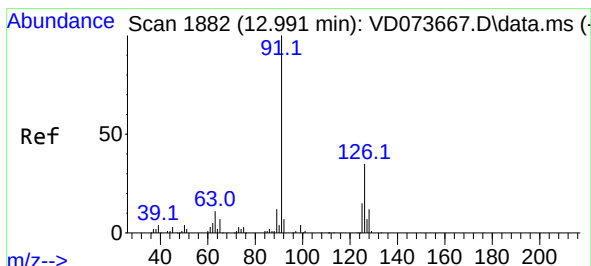
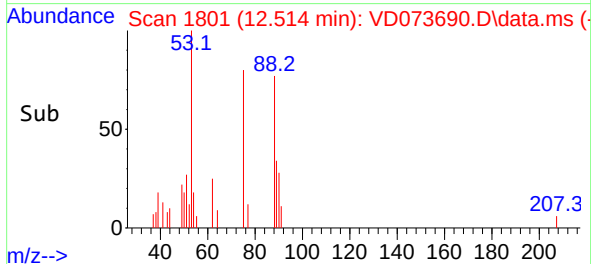
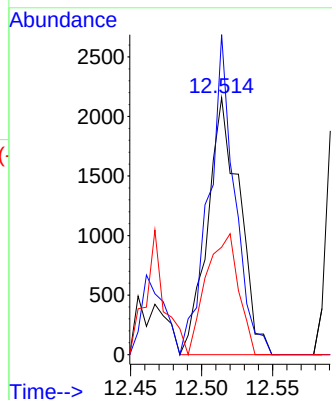
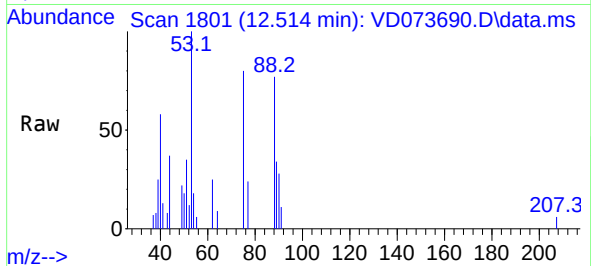




#81
trans-1,4-Dichloro-2-butene
Concen: 3.963 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

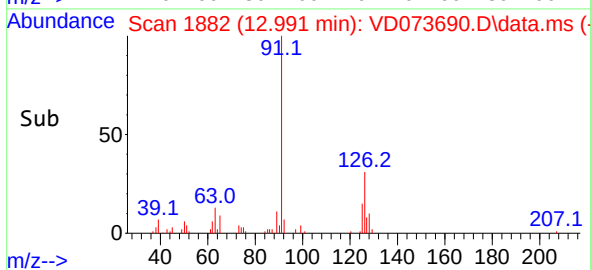
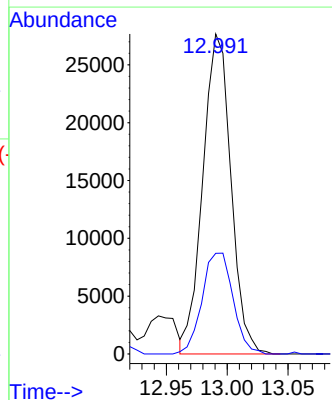
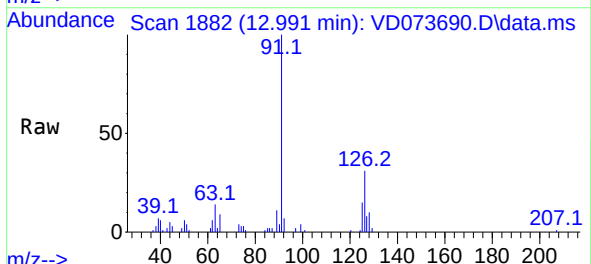
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

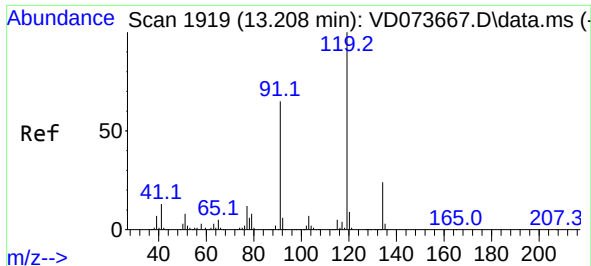
Tgt Ion: 75 Resp: 3382
Ion Ratio Lower Upper
75 100
53 100.2 77.0 115.6
89 47.3 37.8 56.8



#82
4-Chlorotoluene
Concen: 4.025 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion: 91 Resp: 44539
Ion Ratio Lower Upper
91 100
126 34.6 16.8 50.4

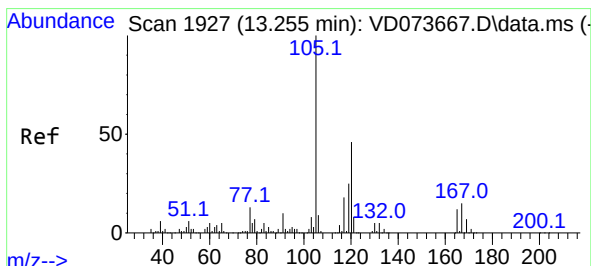
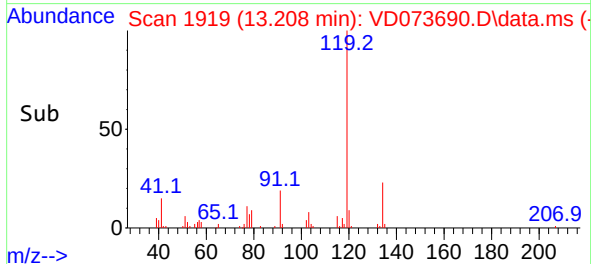
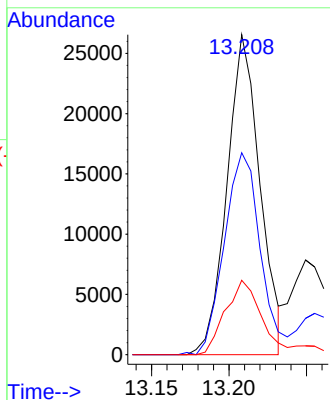
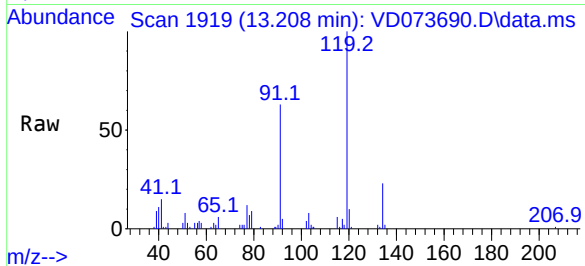




#83
tert-Butylbenzene
Concen: 3.567 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

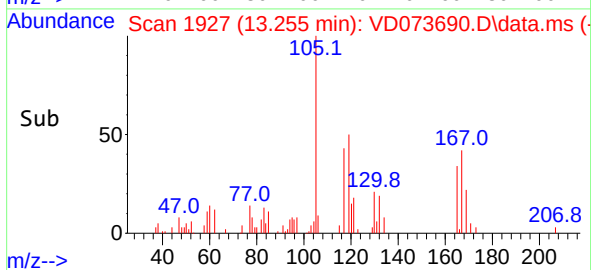
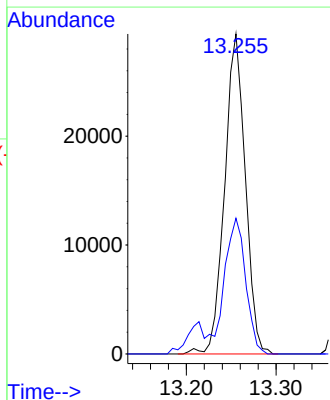
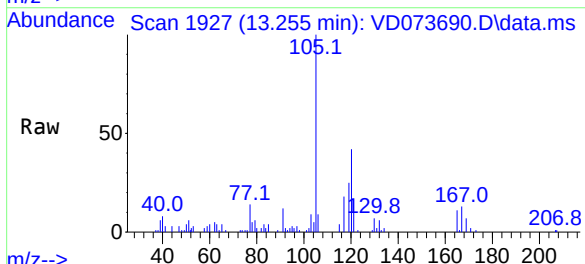
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

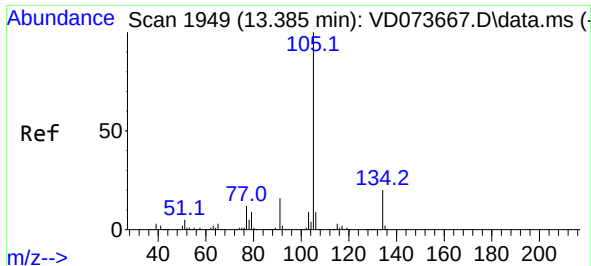
Tgt Ion:	119	Resp:	39297
Ion	Ratio	Lower	Upper
119	100		
91	69.0	32.1	96.5
134	27.5	12.4	37.4



#84
1,2,4-Trimethylbenzene
Concen: 3.816 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:	105	Resp:	46972
Ion	Ratio	Lower	Upper
105	100		
120	41.8	22.6	67.8

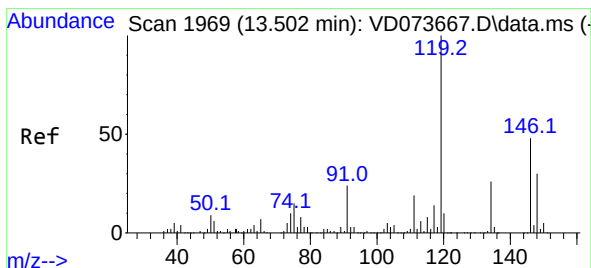
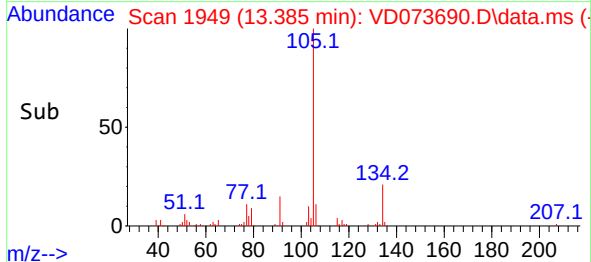
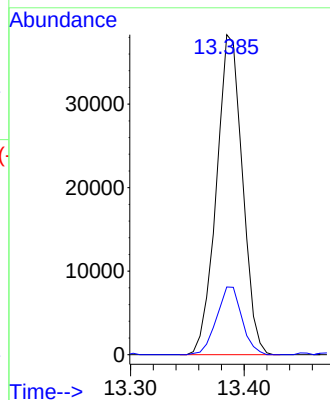
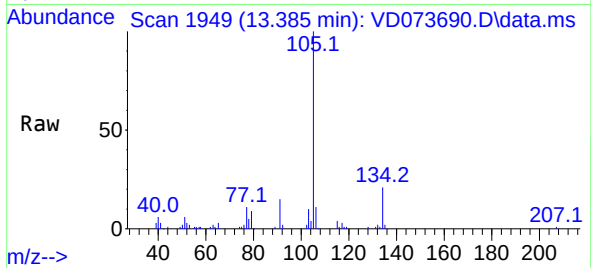




#85
 sec-Butylbenzene
 Concen: 3.761 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073690.D
 Acq: 24 Jun 2022 16:26

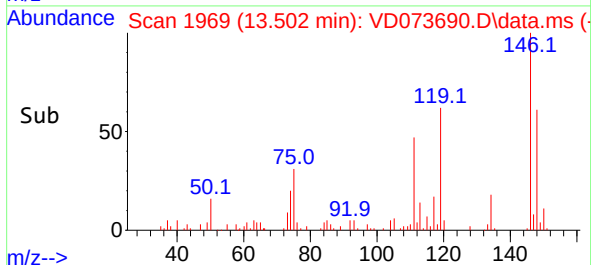
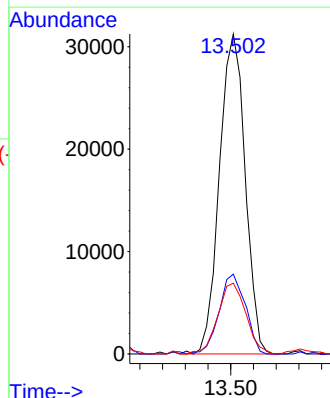
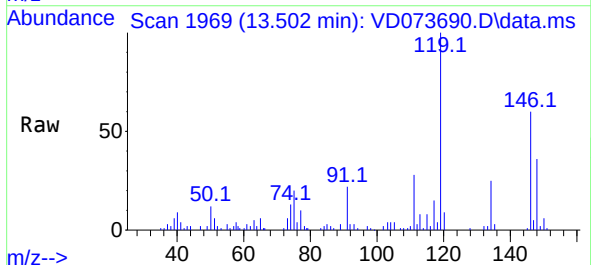
Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT2-2022

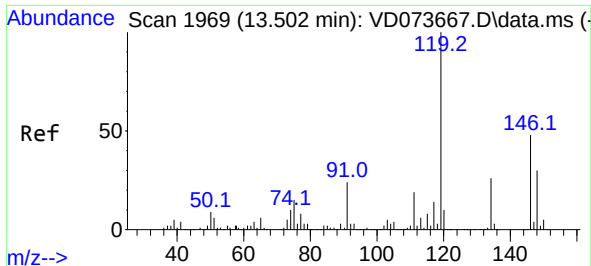
Tgt Ion:105 Resp: 60938
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 3.648 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073690.D
 Acq: 24 Jun 2022 16:26

Tgt Ion:119 Resp: 49202
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.1 12.1 36.3

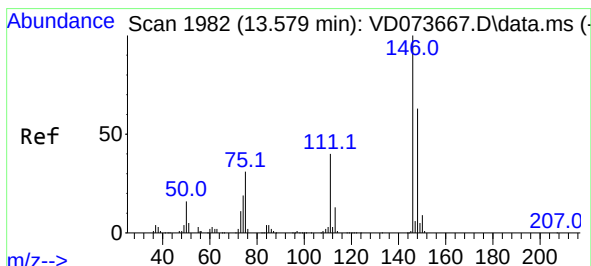
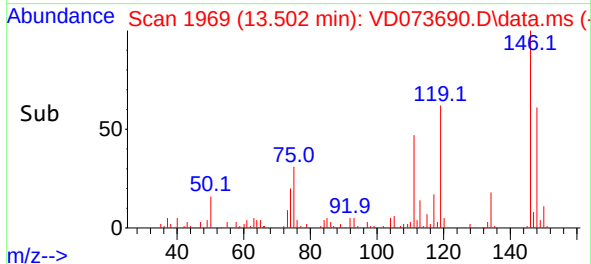
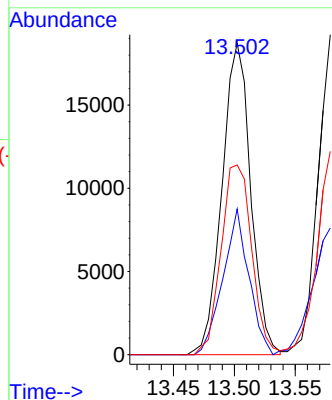
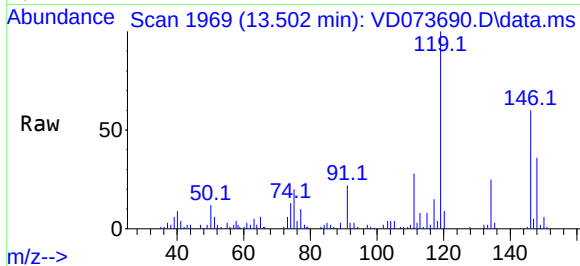




#87
1,3-Dichlorobenzene
Concen: 4.194 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

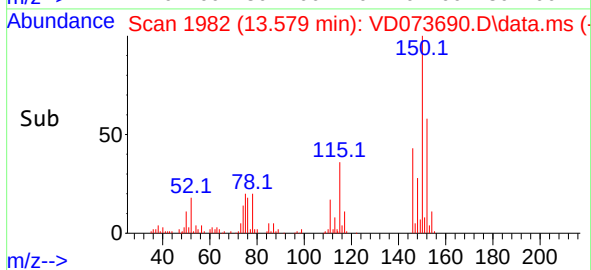
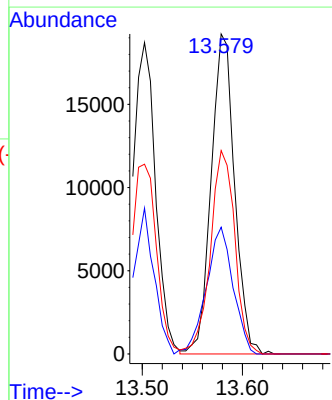
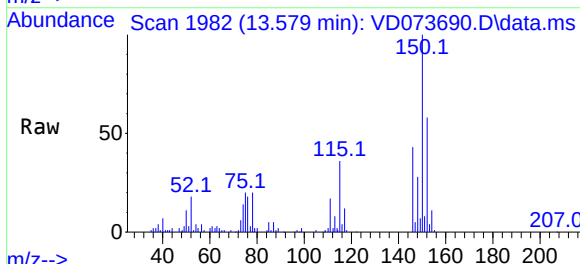
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2022

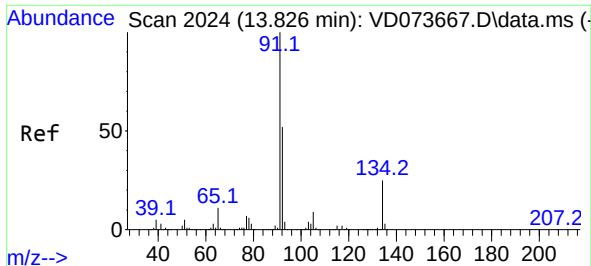
Tgt Ion:146	Resp:	30704
Ion Ratio	Lower	Upper
146	100	
111	42.3	20.3 60.9
148	65.1	31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.312 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:146	Resp:	31240
Ion Ratio	Lower	Upper
146	100	
111	45.3	19.6 58.8
148	66.2	31.8 95.3

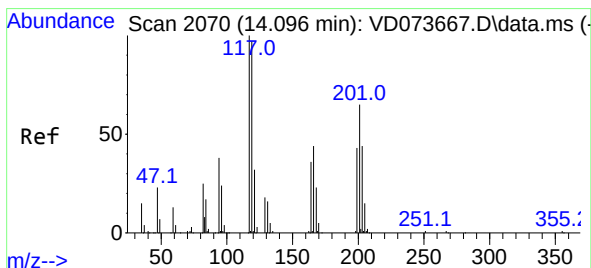
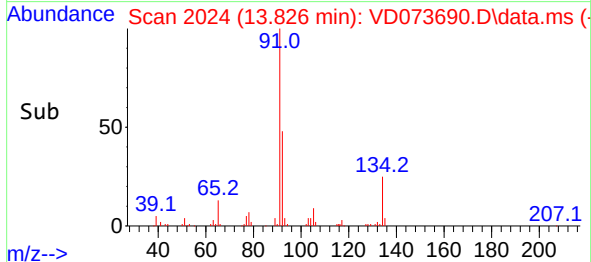
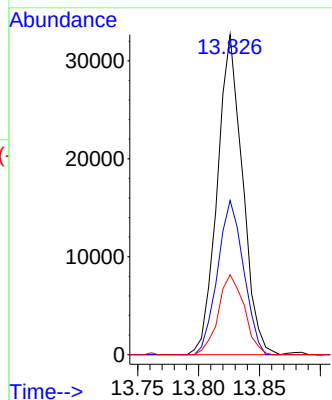
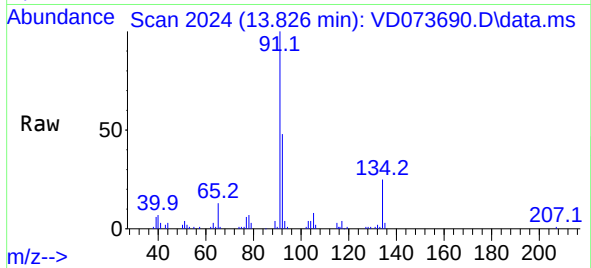




#89
n-Butylbenzene
Concen: 3.738 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

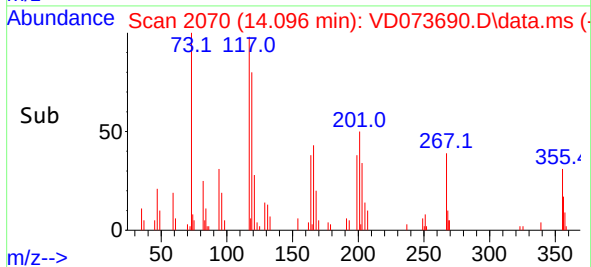
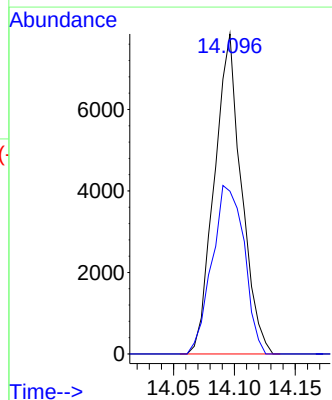
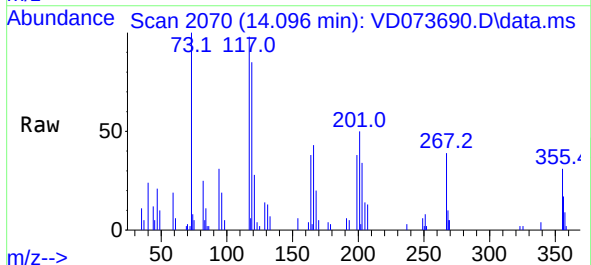
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

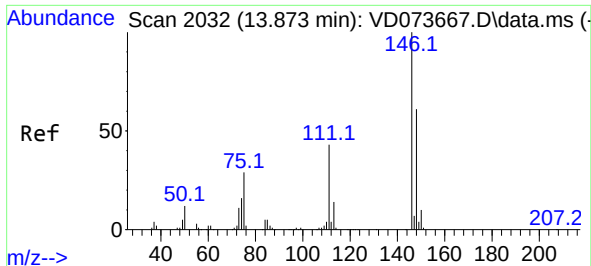
Tgt Ion:	91	Resp:	47205
Ion	Ratio	Lower	Upper
91	100		
92	49.6	26.4	79.2
134	25.7	12.7	38.0



#90
Hexachloroethane
Concen: 4.366 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:	117	Resp:	12139
Ion	Ratio	Lower	Upper
117	100		
201	62.4	33.8	101.4





#91

1,2-Dichlorobenzene

Concen: 4.312 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

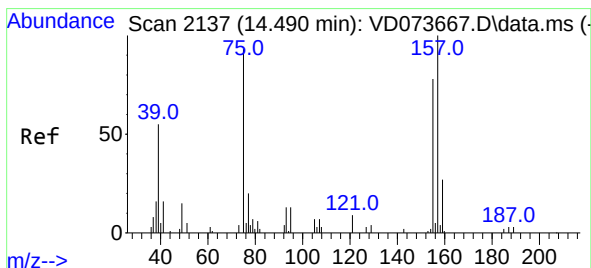
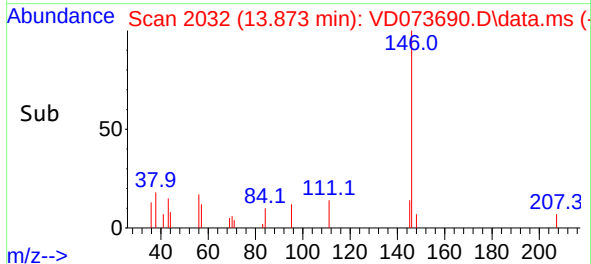
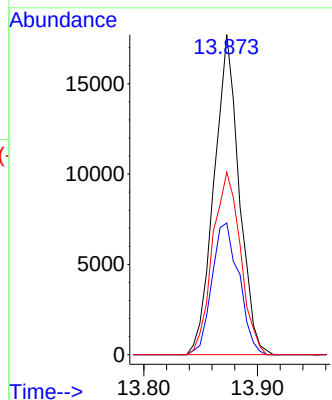
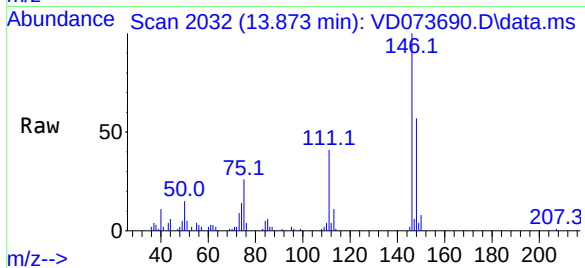
Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion:	146	Resp:	27162
Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.1	63.3
148	63.5	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.015 ug/l

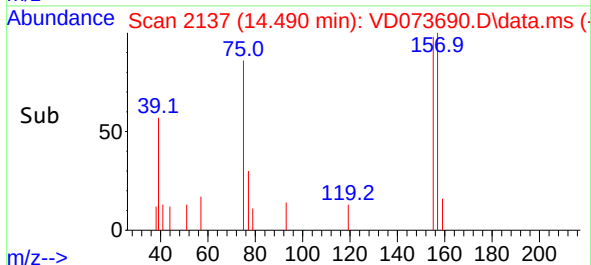
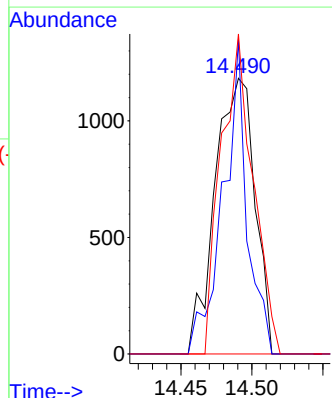
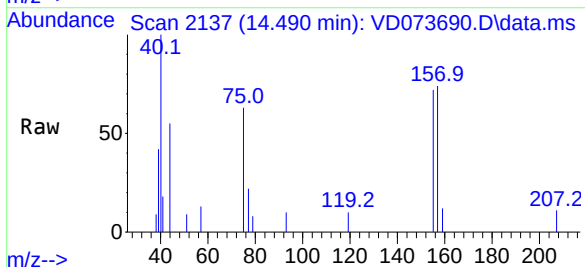
RT: 14.490 min Scan# 2137

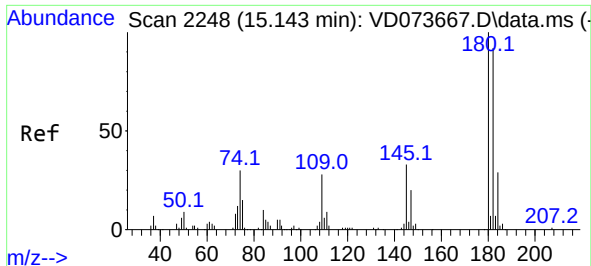
Delta R.T. -0.000 min

Lab File: VD073690.D

Acq: 24 Jun 2022 16:26

Tgt Ion:	75	Resp:	2309
Ion	Ratio	Lower	Upper
75	100		
155	68.3	41.2	123.6
157	93.4	55.5	166.5

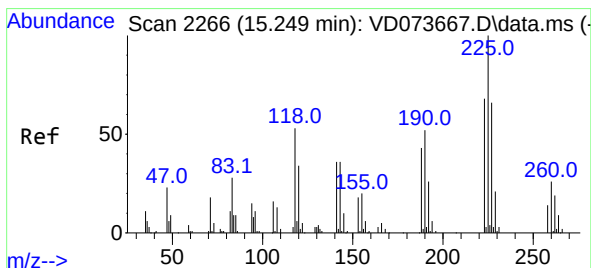
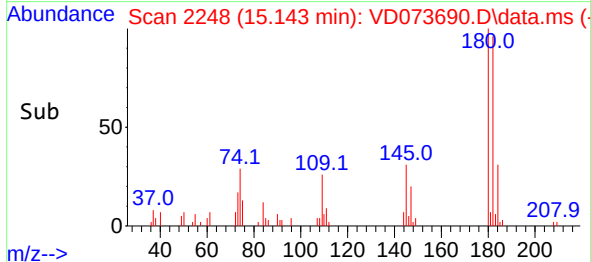
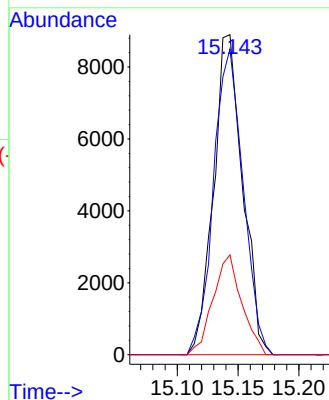
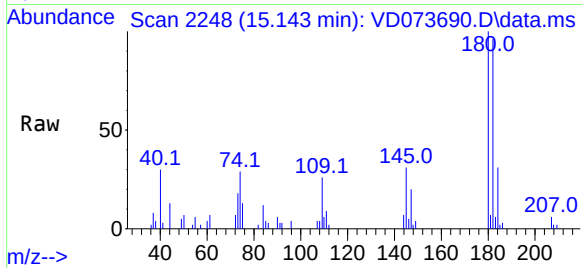




#93
1,2,4-Trichlorobenzene
Concen: 3.933 ug/l
RT: 15.143 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

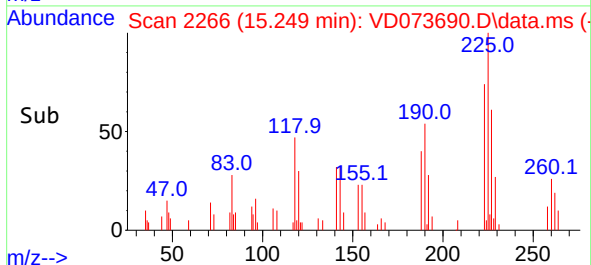
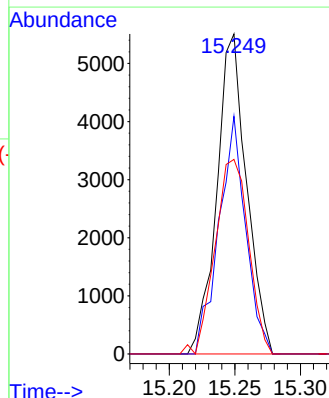
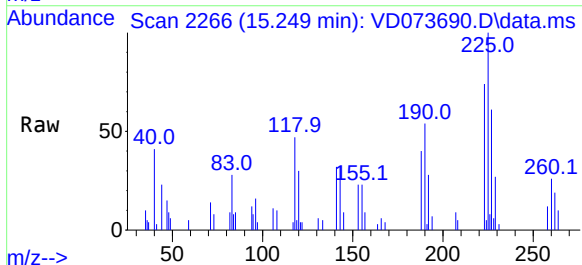
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

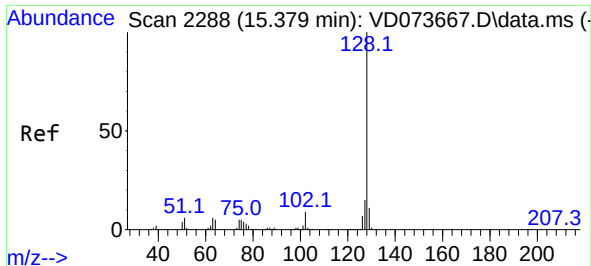
Tgt Ion:180 Resp: 14795
Ion Ratio Lower Upper
180 100
182 97.5 48.0 144.0
145 30.9 16.2 48.5



#94
Hexachlorobutadiene
Concen: 4.070 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:225 Resp: 8680
Ion Ratio Lower Upper
225 100
223 67.0 32.6 97.8
227 68.5 32.6 97.8

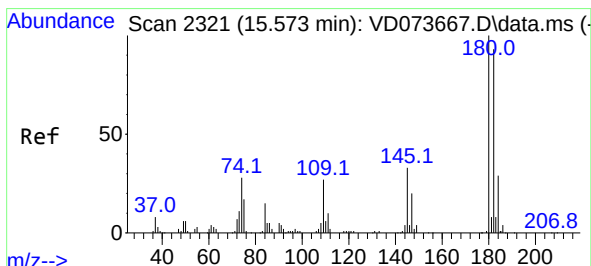
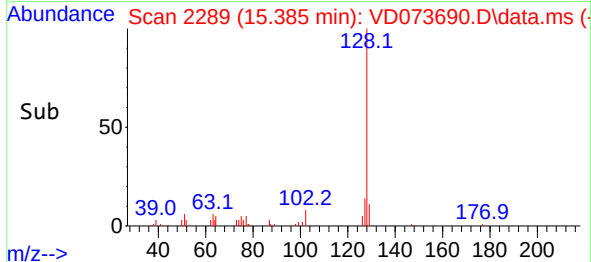
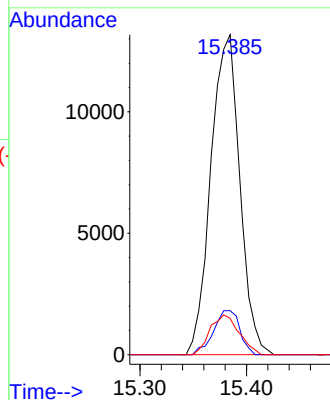
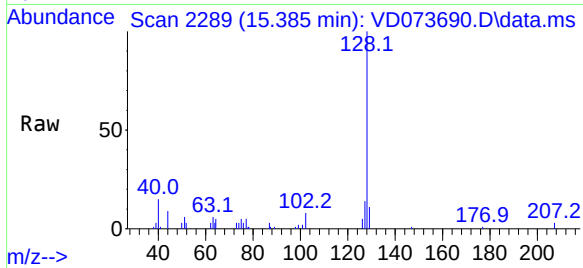




#95
Naphthalene
Concen: 3.692 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:	128	Resp:	24828
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	12.5	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 3.845 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.006 min
Lab File: VD073690.D
Acq: 24 Jun 2022 16:26

Tgt Ion:	180	Resp:	12634
Ion	Ratio	Lower	Upper
180	100		
182	98.2	49.0	147.0
145	39.1	17.6	52.8

