

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072171.D
 Acq On : 14 Mar 2022 16:58
 Operator : VA/SY
 Sample : N1645-03 2.5PPB
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 15 02:21:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 15 02:19:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	305998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	519765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	480164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174823	51.265	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.540%			
35) Dibromofluoromethane	7.908	113	167548	45.808	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.620%			
50) Toluene-d8	10.338	98	555375	41.526	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 83.060%			
62) 4-Bromofluorobenzene	12.620	95	209680	40.350	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	10900	3.851	ug/l	98
3) Chloromethane	2.209	50	11935	4.746	ug/l	89
4) Vinyl Chloride	2.350	62	9975	4.109	ug/l #	88
5) Bromomethane	2.773	94	7064	4.469	ug/l	95
6) Chloroethane	2.926	64	6899	4.298	ug/l	91
7) Trichlorofluoromethane	3.273	101	20101	3.666	ug/l	96
8) Diethyl Ether	3.709	74	4647	3.069	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	11546	3.303	ug/l #	86
10) Methyl Iodide	4.303	142	9196	3.290	ug/l	97
11) Tert butyl alcohol	5.215	59	3026	15.304	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	9955	3.540	ug/l	92
13) Acrolein	3.932	56	2865	16.238	ug/l #	75
14) Allyl chloride	4.709	41	14768	3.003	ug/l	95
15) Acrylonitrile	5.432	53	11456	14.994	ug/l	93
16) Acetone	4.162	43	13718	18.527	ug/l	96
17) Carbon Disulfide	4.409	76	31691	5.526	ug/l	96
18) Methyl Acetate	4.726	43	9453	5.210	ug/l #	82
19) Methyl tert-butyl Ether	5.473	73	20209	2.644	ug/l	92
20) Methylene Chloride	4.967	84	33742	7.582	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	12116	3.895	ug/l	93
22) Diisopropyl ether	6.362	45	28095	2.505	ug/l #	90
23) Vinyl Acetate	6.309	43	61469	10.739	ug/l	98
24) 1,1-Dichloroethane	6.262	63	20248	3.061	ug/l	99
25) 2-Butanone	7.220	43	14545	14.733	ug/l #	87
26) 2,2-Dichloropropane	7.209	77	17031	2.854	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	11888	2.993	ug/l	96
28) Bromochloromethane	7.550	49	7750	2.910	ug/l	95
29) Tetrahydrofuran	7.567	42	9043	15.578	ug/l	98
30) Chloroform	7.703	83	22385	3.177	ug/l	90
31) Cyclohexane	7.985	56	21997	4.129	ug/l #	74
32) 1,1,1-Trichloroethane	7.903	97	18734	2.993	ug/l	97
36) 1,1-Dichloropropene	8.108	75	15616	3.043	ug/l	94
37) Ethyl Acetate	7.285	43	5979	2.660	ug/l #	73
38) Carbon Tetrachloride	8.091	117	18324	3.142	ug/l	91
39) Methylcyclohexane	9.355	83	18487	3.202	ug/l	93
40) Benzene	8.350	78	45708	3.122	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	3613	2.758	ug/l #	79
42) 1,2-Dichloroethane	8.426	62	14257	3.211	ug/l	97
43) Isopropyl Acetate	8.450	43	11868	2.720	ug/l	92
44) Trichloroethene	9.108	130	13117	3.192	ug/l	86
45) 1,2-Dichloropropane	9.385	63	11232	2.798	ug/l	97
46) Dibromomethane	9.473	93	6266	3.173	ug/l	96
47) Bromodichloromethane	9.655	83	17218	2.991	ug/l #	91
48) Methyl methacrylate	9.450	41	5566	2.672	ug/l #	89
49) 1,4-Dioxane	9.461	88	1592	67.225	ug/l #	80
51) 4-Methyl-2-Pentanone	10.220	43	26206	11.437	ug/l	96
52) Toluene	10.397	92	28438	2.952	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	13861	2.635	ug/l	92
54) cis-1,3-Dichloropropene	10.079	75	16669	2.741	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	8316	2.764	ug/l	94
56) Ethyl methacrylate	10.655	69	8380	2.378	ug/l	92
57) 1,3-Dichloropropane	10.944	76	13345	2.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	18380	11.601	ug/l	92
59) 2-Hexanone	10.979	43	17342	10.958	ug/l	95
60) Dibromochloromethane	11.132	129	11048	2.830	ug/l	99
61) 1,2-Dibromoethane	11.238	107	8777	3.229	ug/l	91
64) Tetrachloroethene	10.867	164	11039	3.263	ug/l	89
65) Chlorobenzene	11.667	112	31020	2.914	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	11620	2.760	ug/l	96
67) Ethyl Benzene	11.738	91	49905	2.625	ug/l	95
68) m/p-Xylenes	11.844	106	35810	4.960	ug/l	100
69) o-Xylene	12.173	106	16667	2.414	ug/l	90
70) Styrene	12.191	104	27517	2.282	ug/l	98
71) Bromoform	12.349	173	5991	2.664	ug/l #	94
73) Isopropylbenzene	12.473	105	44540	2.293	ug/l	100
74) N-amyl acetate	12.279	43	8696	2.083	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	9843	2.833	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	12118	4.481	ug/l #	100
77) Bromobenzene	12.749	156	12385	2.833	ug/l	87
78) n-propylbenzene	12.808	91	57968	2.457	ug/l	99
79) 2-Chlorotoluene	12.902	91	33810	2.478	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	39902	2.391	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.620	75	108292	99.359	ug/l #	7
82) 4-Chlorotoluene	12.996	91	35512	2.514	ug/l	99
83) tert-Butylbenzene	13.208	119	31530	2.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	39219	2.385	ug/l	98
85) sec-Butylbenzene	13.391	105	47697	2.171	ug/l	98
86) p-Isopropyltoluene	13.502	119	38155	2.110	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	23495	2.564	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	25326	2.787	ug/l	93
89) n-Butylbenzene	13.832	91	37563	2.180	ug/l	96
90) Hexachloroethane	14.102	117	8836	2.493	ug/l	89
91) 1,2-Dichlorobenzene	13.879	146	20739	2.596	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	1365	2.462	ug/l	82
93) 1,2,4-Trichlorobenzene	15.143	180	12230	2.312	ug/l	96
94) Hexachlorobutadiene	15.255	225	7457	2.424	ug/l	96
95) Naphthalene	15.385	128	18741	2.055	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.573	180	11091	2.422	ug/l	94

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Quant Title : SW846 8260
QLast Update : Tue Mar 15 02:19:07 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



Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

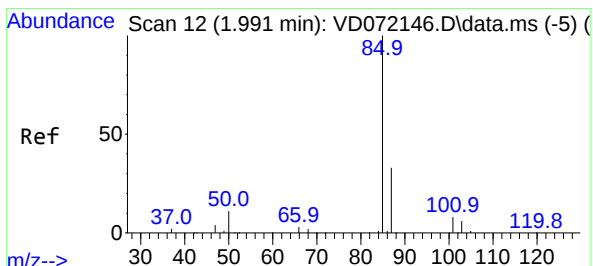
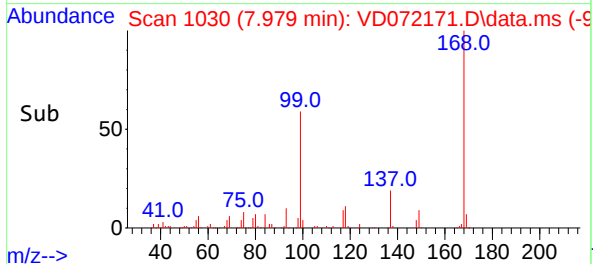
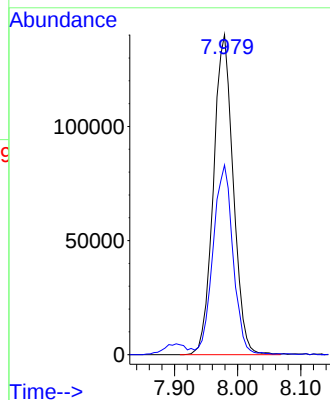
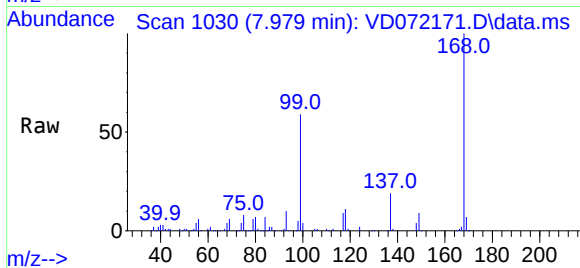
MDL-SOIL-03-QT1-2022

Tgt Ion:168 Resp: 305998

Ion Ratio Lower Upper

168 100

99 59.0 49.8 74.6



Dichlorodifluoromethane

Concen: 3.851 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD072171.D

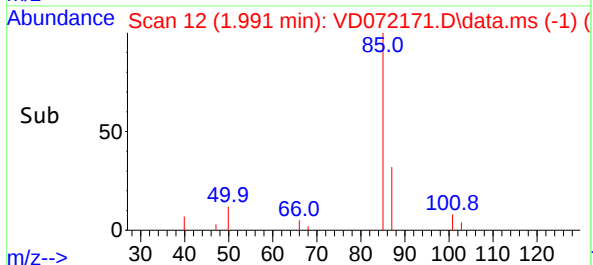
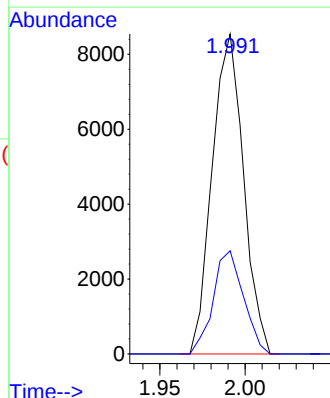
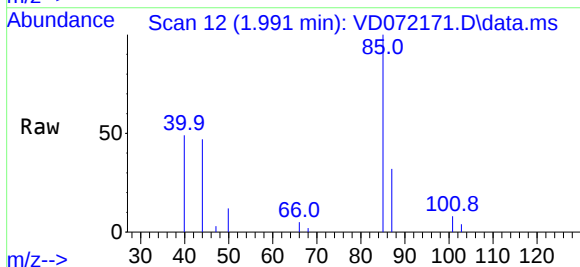
Acq: 14 Mar 2022 16:58

Tgt Ion: 85 Resp: 10900

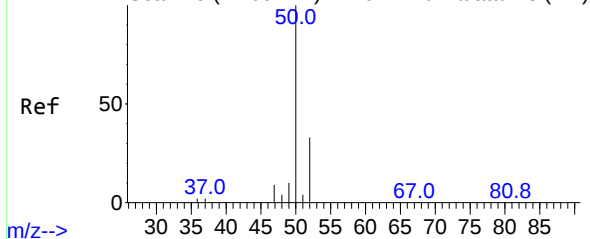
Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 4.746 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

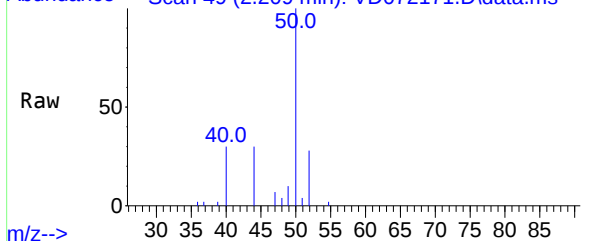
Tgt Ion: 50 Resp: 11935

Ion Ratio Lower Upper

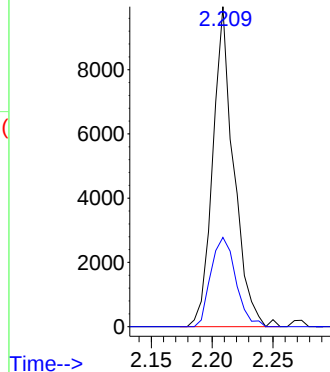
50 100

52 27.9 27.4 41.0

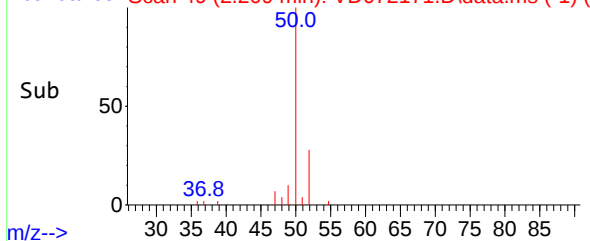
Abundance Scan 49 (2.209 min): VD072171.D\data.ms



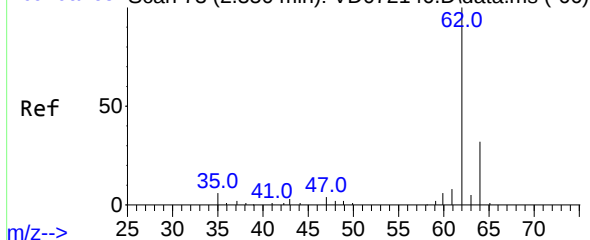
Abundance



Abundance Scan 49 (2.209 min): VD072171.D\data.ms (-1)



Abundance Scan 73 (2.350 min): VD072146.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 4.109 ug/l

RT: 2.350 min Scan# 73

Delta R.T. 0.000 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

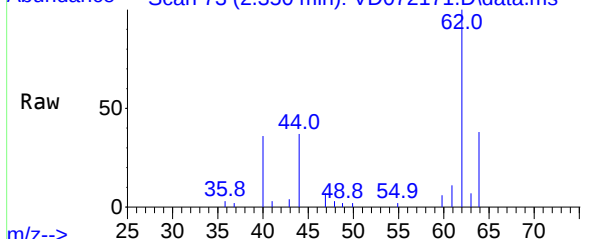
Tgt Ion: 62 Resp: 9975

Ion Ratio Lower Upper

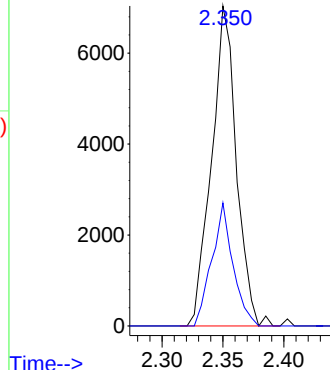
62 100

64 38.4 25.4 38.0

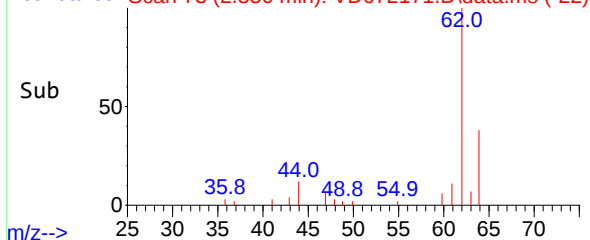
Abundance Scan 73 (2.350 min): VD072171.D\data.ms

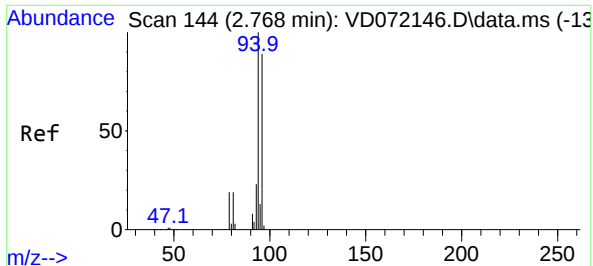


Abundance



Abundance Scan 73 (2.350 min): VD072171.D\data.ms (-22)

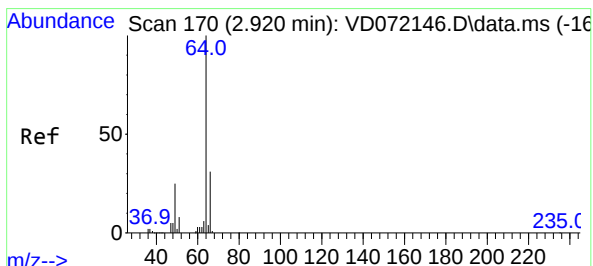
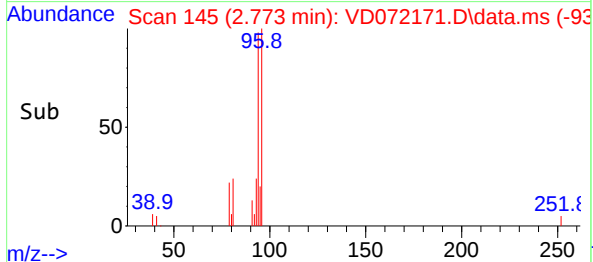
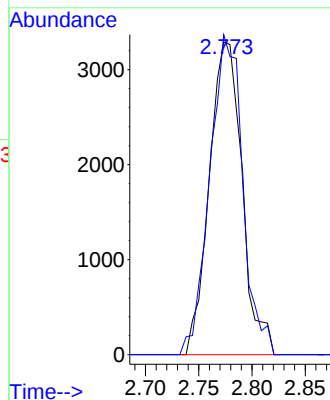
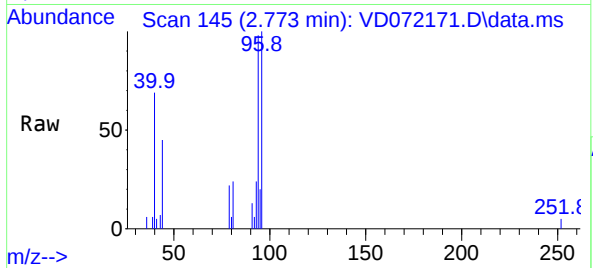




#5
Bromomethane
Concen: 4.469 ug/l
RT: 2.773 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

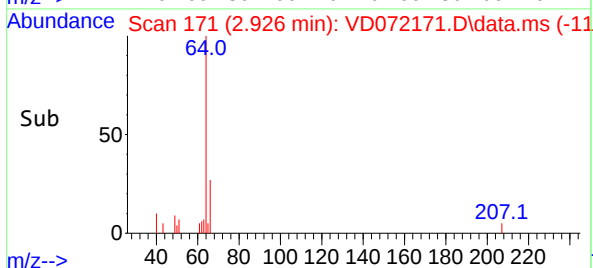
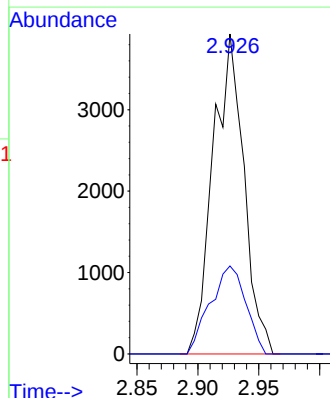
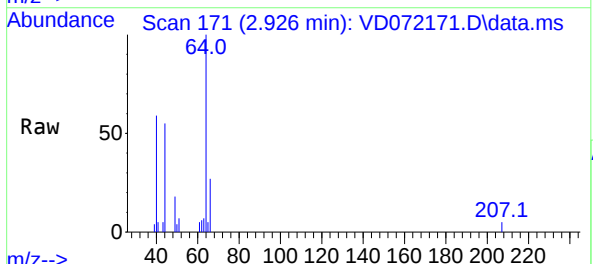
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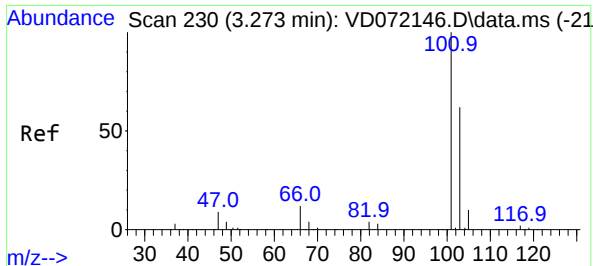
Tgt Ion: 94 Resp: 7064
Ion Ratio Lower Upper
94 100
96 102.3 77.6 116.4



#6
Chloroethane
Concen: 4.298 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 64 Resp: 6899
Ion Ratio Lower Upper
64 100
66 27.5 25.9 38.9

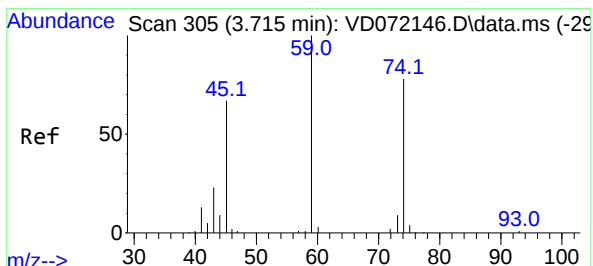
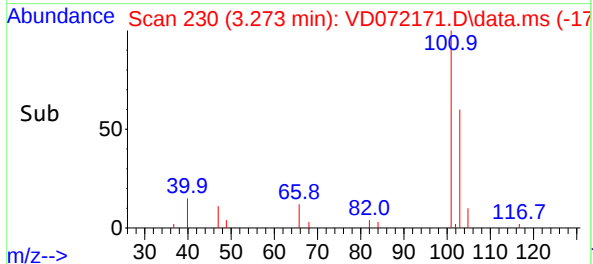
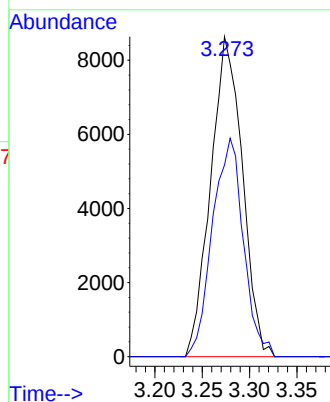
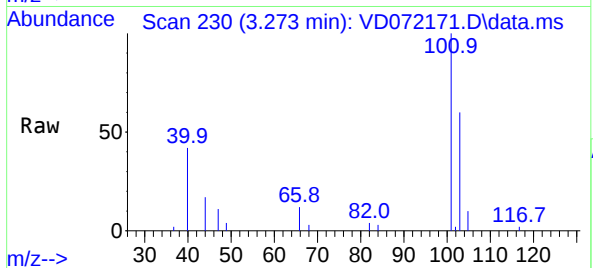




#7
Trichlorofluoromethane
Concen: 3.666 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

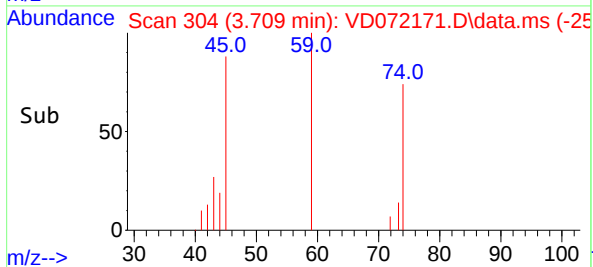
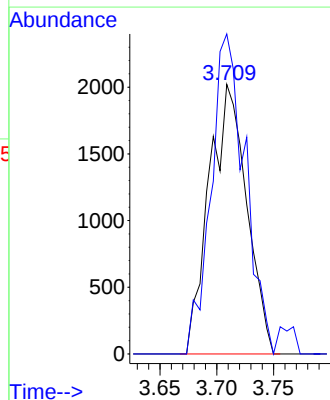
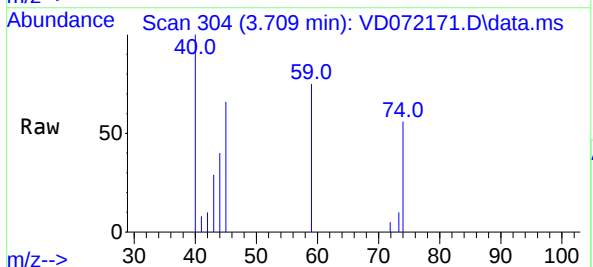
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:101 Resp: 20101
Ion Ratio Lower Upper
101 100
103 59.9 50.1 75.1



#8
Diethyl Ether
Concen: 3.069 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 74 Resp: 4647
Ion Ratio Lower Upper
74 100
45 107.9 52.6 157.8

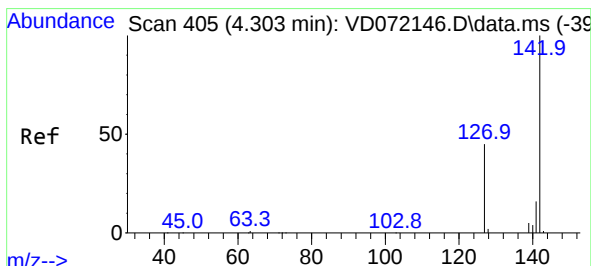
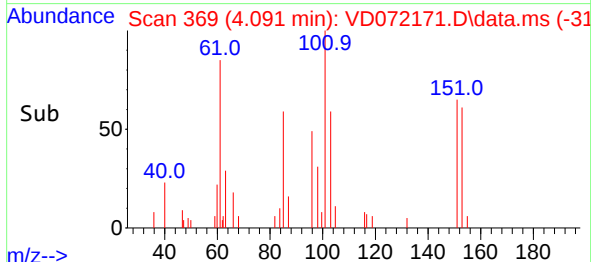
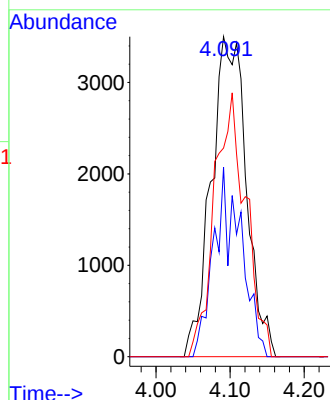
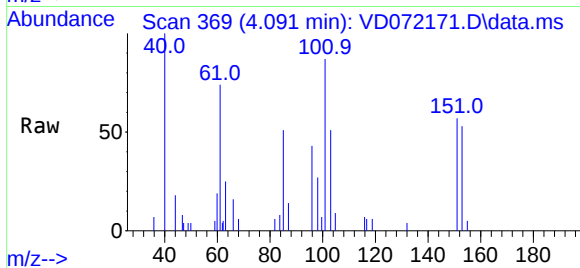




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.303 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

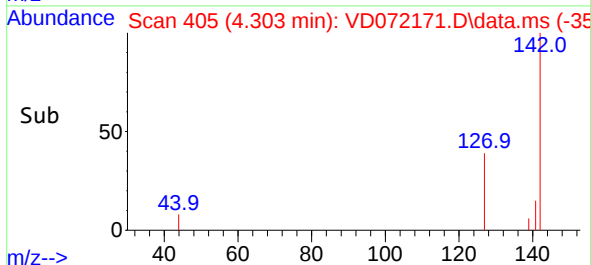
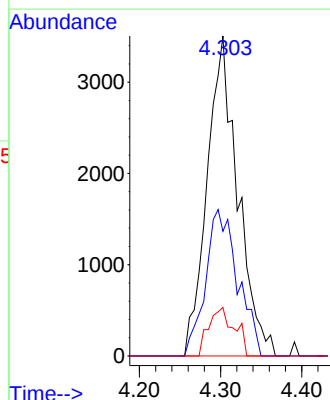
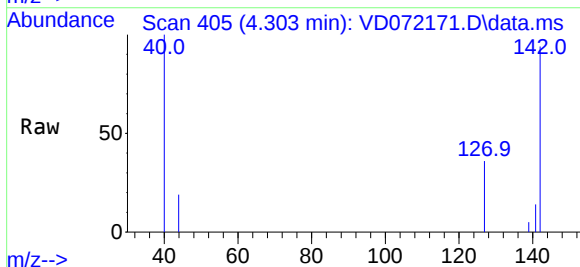
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:101 Resp: 11546
Ion Ratio Lower Upper
101 100
85 23.6 36.4 54.6#
151 73.6 57.3 85.9



#10
Methyl Iodide
Concen: 3.290 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:142 Resp: 9196
Ion Ratio Lower Upper
142 100
127 48.0 37.3 55.9
141 12.6 11.7 17.5

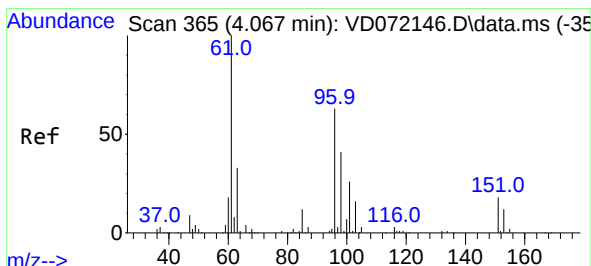
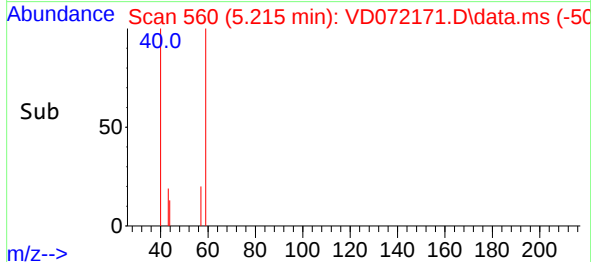
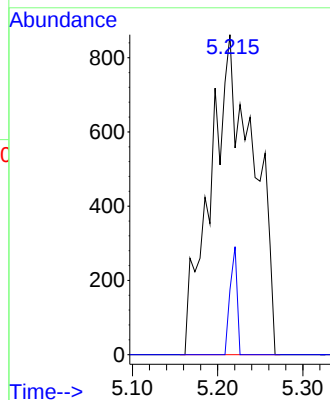
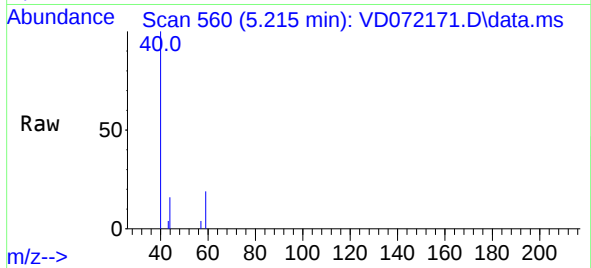




#11
Tert butyl alcohol
Concen: 15.304 ug/l
RT: 5.215 min Scan# 509
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

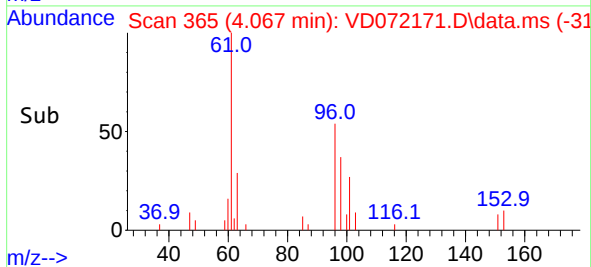
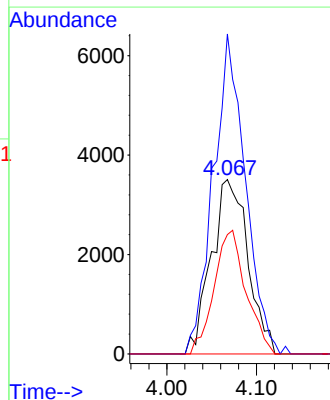
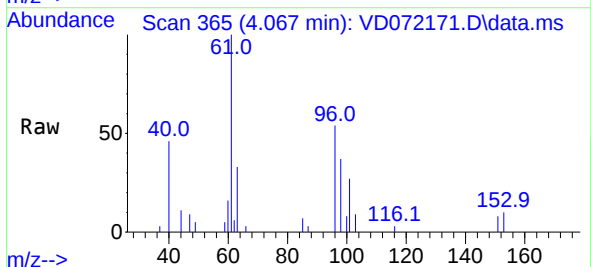
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 59 Resp: 3026
Ion Ratio Lower Upper
59 100
57 5.4 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 3.540 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 96 Resp: 9955
Ion Ratio Lower Upper
96 100
61 183.5 138.5 207.7
98 68.5 48.6 73.0

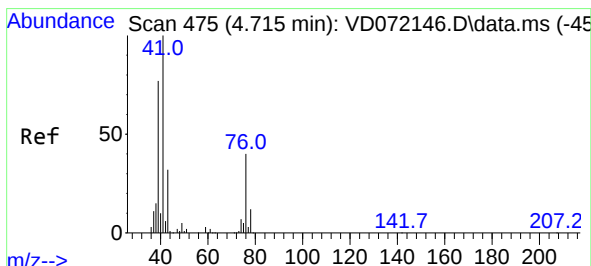
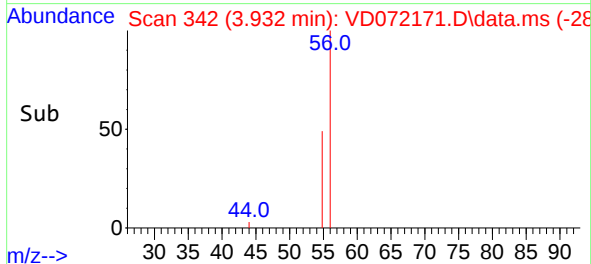
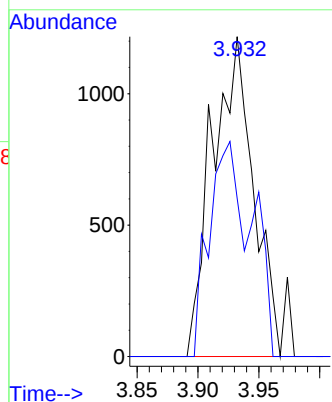
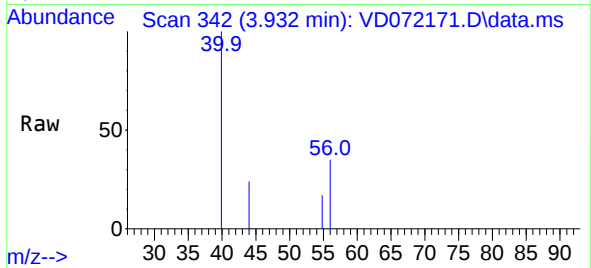




#13
Acrolein
Concen: 16.238 ug/l
RT: 3.932 min Scan# 34
Delta R.T. 0.012 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

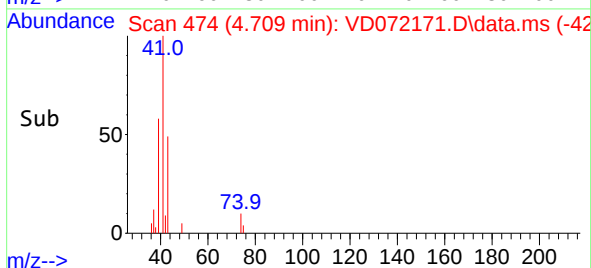
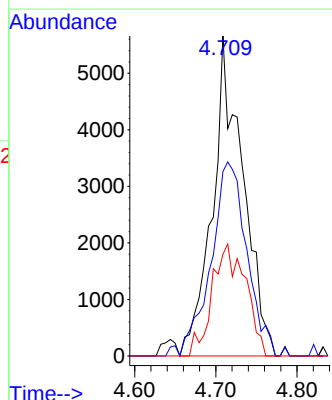
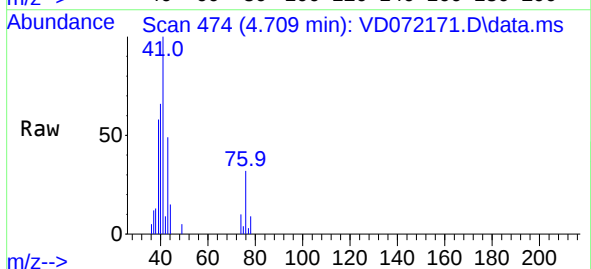
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

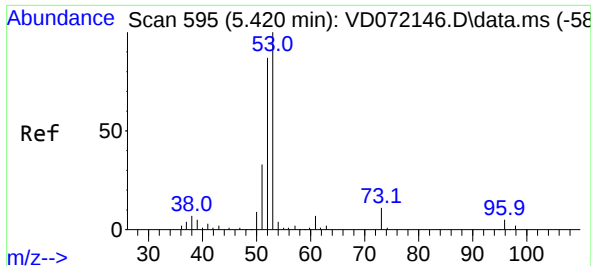
Tgt Ion: 56 Resp: 2865
Ion Ratio Lower Upper
56 100
55 50.8 57.1 85.7#



#14
Allyl chloride
Concen: 3.003 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 41 Resp: 14768
Ion Ratio Lower Upper
41 100
39 71.7 59.3 88.9
76 38.4 25.7 38.5

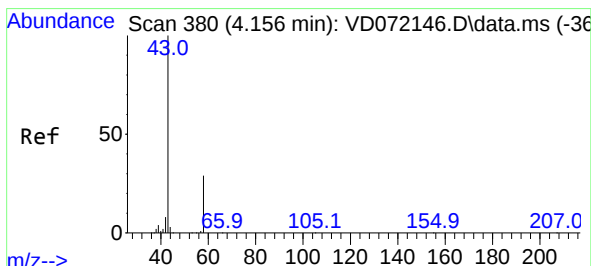
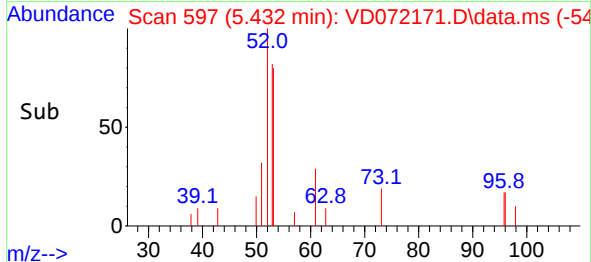
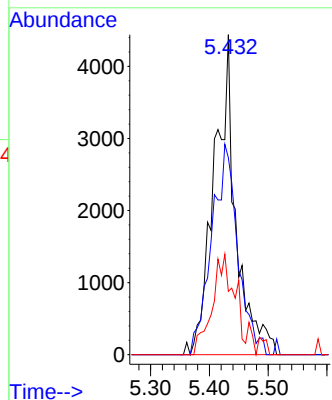
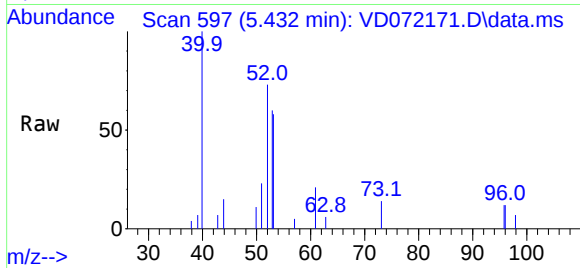




#15
Acrylonitrile
Concen: 14.994 ug/l
RT: 5.432 min Scan# 595
Delta R.T. 0.012 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

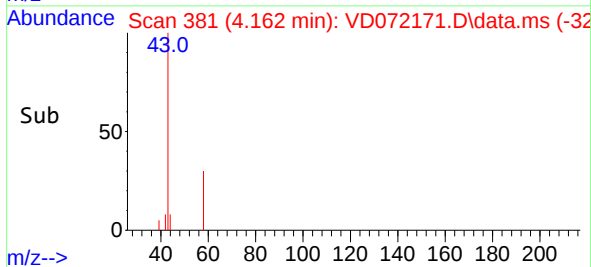
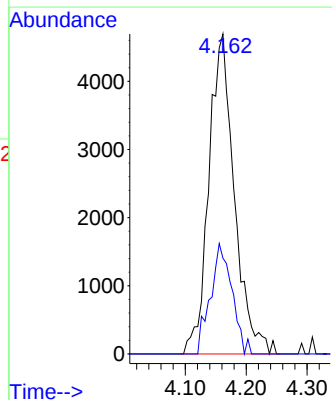
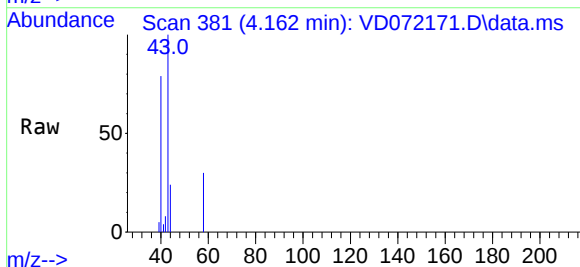
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

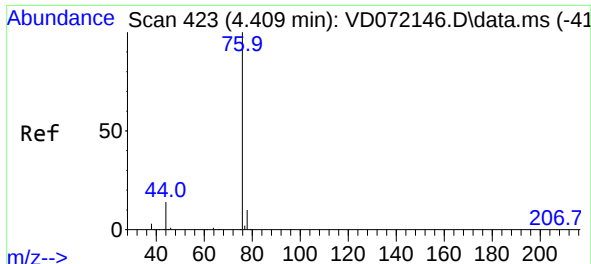
Tgt Ion: 53	Resp: 11456
Ion Ratio	Lower Upper
53	100
52	78.7 67.2 100.8
51	32.2 30.3 45.5



#16
Acetone
Concen: 18.527 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 43	Resp: 13718
Ion Ratio	Lower Upper
43	100
58	29.9 22.1 33.1

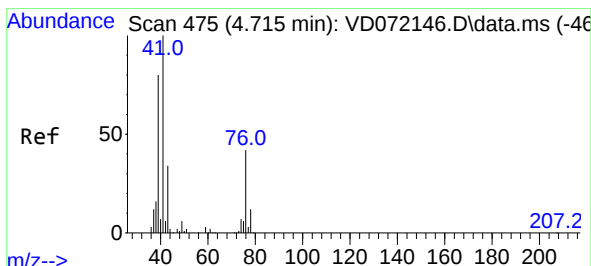
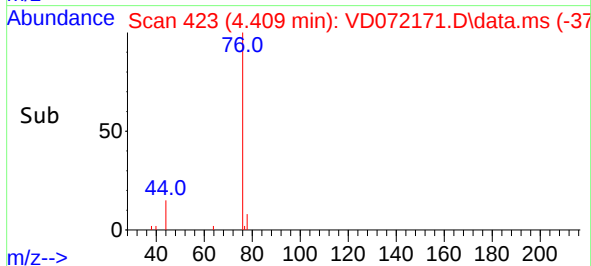
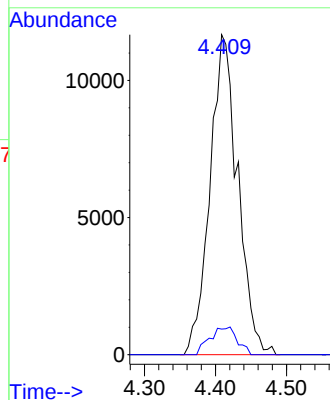
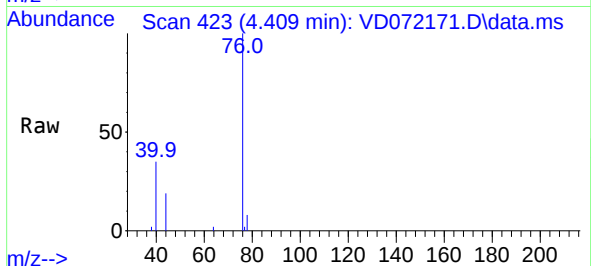




#17
Carbon Disulfide
Concen: 5.526 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

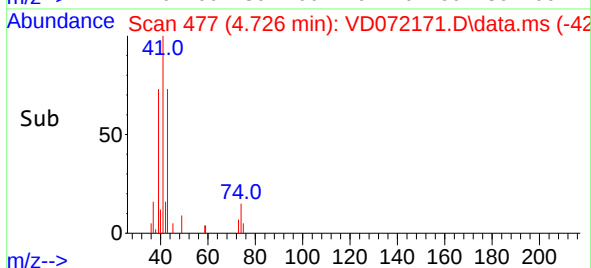
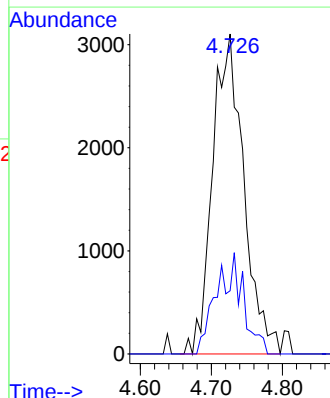
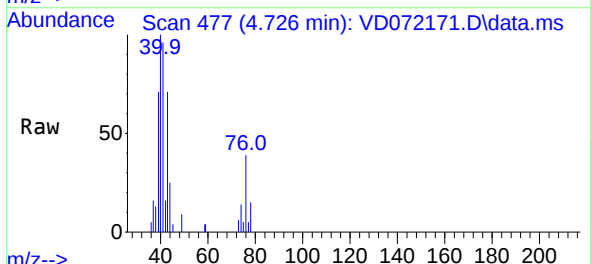
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

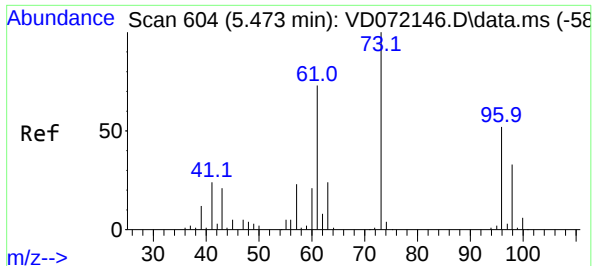
Tgt Ion: 76 Resp: 31691
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#18
Methyl Acetate
Concen: 5.210 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 43 Resp: 9453
Ion Ratio Lower Upper
43 100
74 12.6 16.7 25.1#

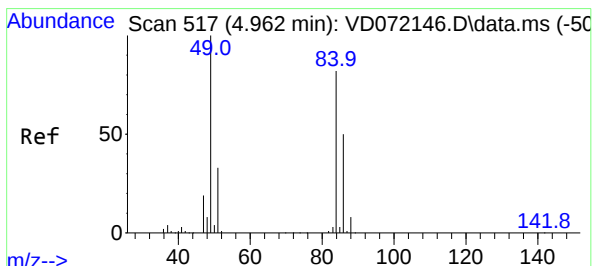
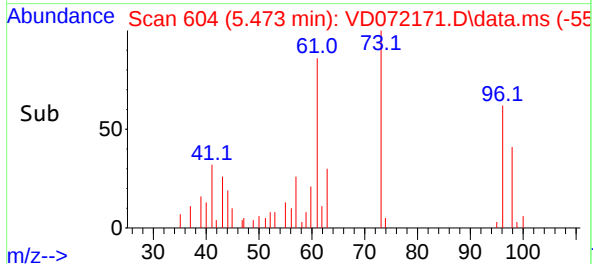
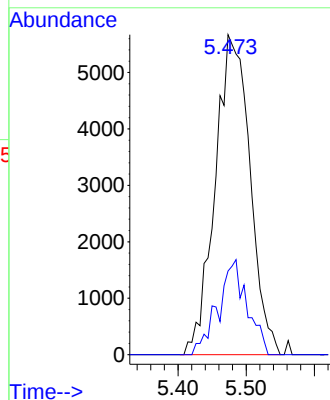
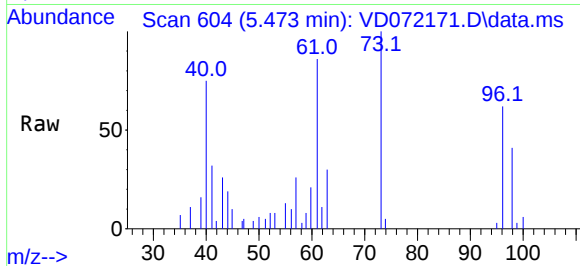




#19
Methyl tert-butyl Ether
Concen: 2.644 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

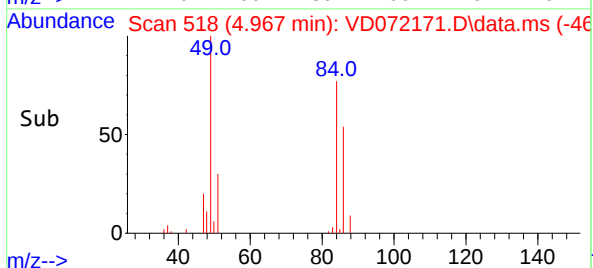
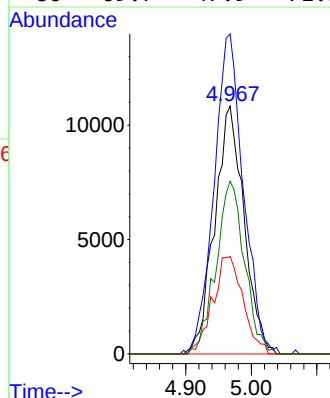
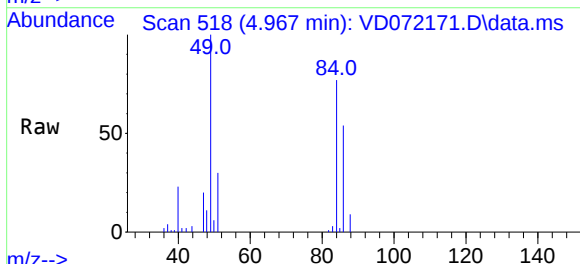
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

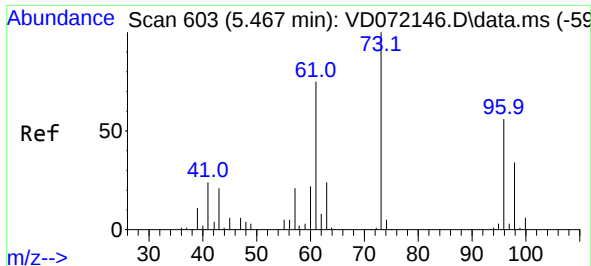
Tgt Ion: 73 Resp: 20209
Ion Ratio Lower Upper
73 100
57 26.1 18.0 27.0



#20
Methylene Chloride
Concen: 7.582 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 84 Resp: 33742
Ion Ratio Lower Upper
84 100
49 129.2 112.8 169.2
51 39.3 32.6 48.8
86 69.7 47.9 71.9

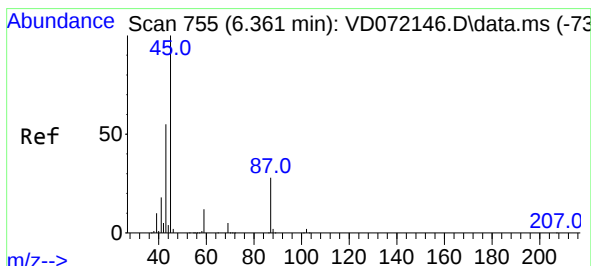
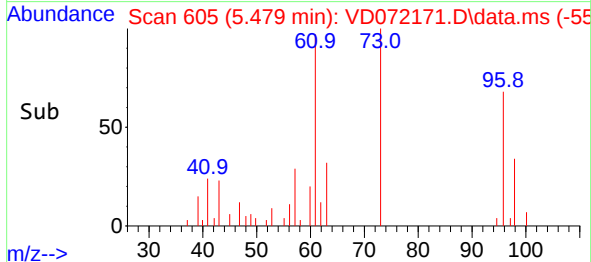
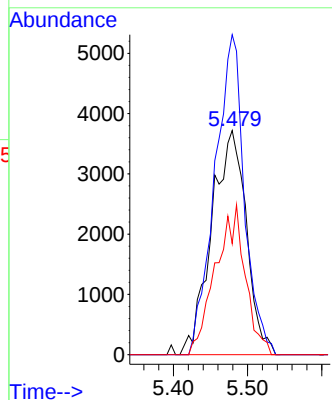
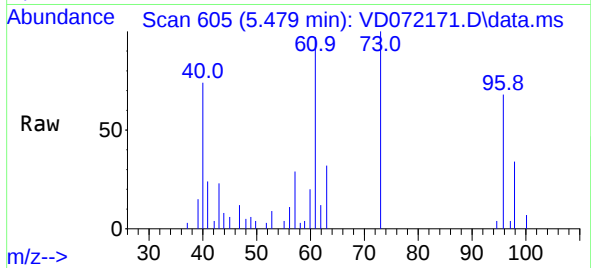




#21
trans-1,2-Dichloroethene
Concen: 3.895 ug/l
RT: 5.479 min Scan# 603
Delta R.T. 0.012 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

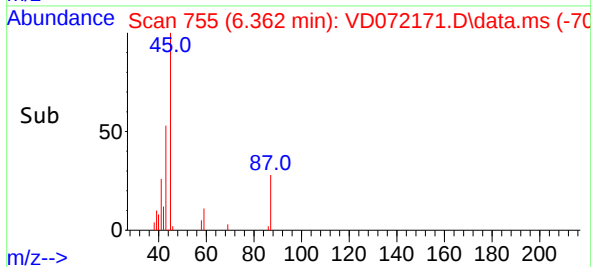
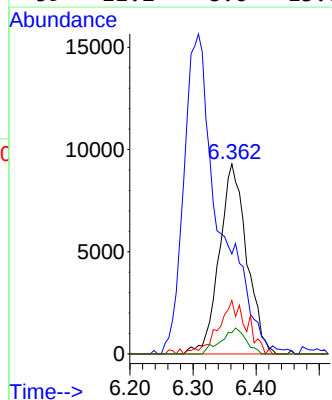
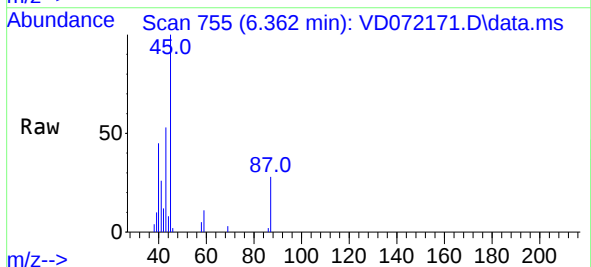
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

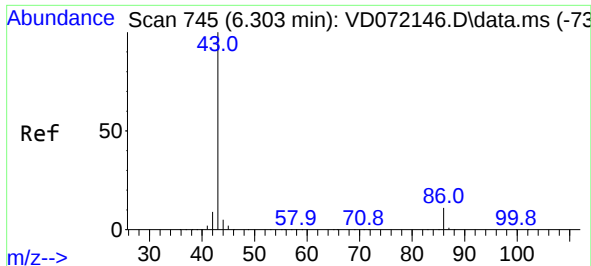
Tgt Ion: 96 Resp: 12116
Ion Ratio Lower Upper
96 100
61 142.8 117.9 176.9
98 49.6 49.4 74.2



#22
Diisopropyl ether
Concen: 2.505 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 45 Resp: 28095
Ion Ratio Lower Upper
45 100
43 50.3 46.6 70.0
87 28.1 18.4 27.6#
59 11.2 8.6 13.0

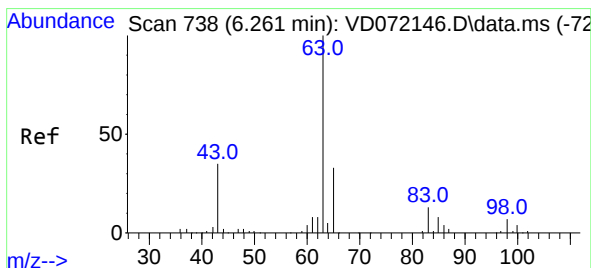
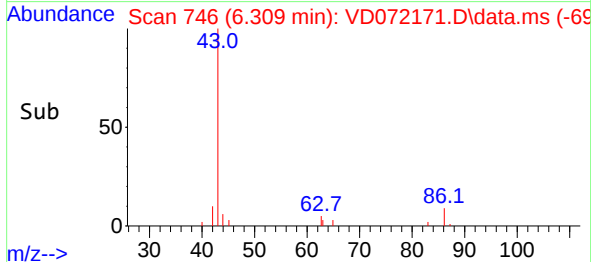
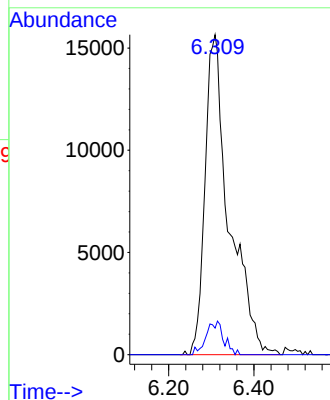
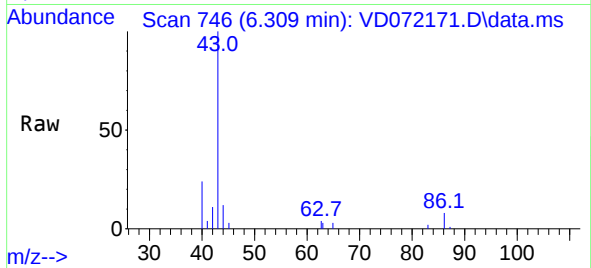




#23
 Vinyl Acetate
 Concen: 10.739 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD072171.D
 Acq: 14 Mar 2022 16:58

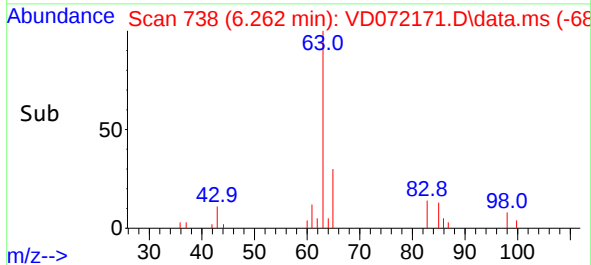
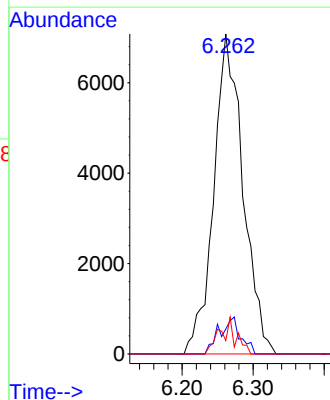
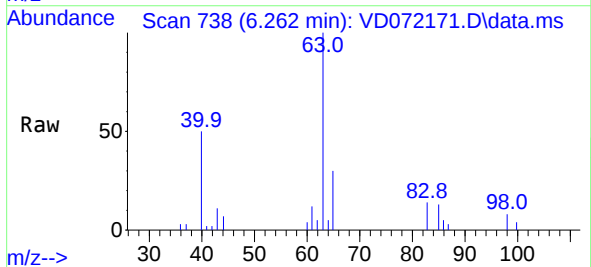
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Tgt Ion: 43 Resp: 61469
 Ion Ratio Lower Upper
 43 100
 86 8.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 3.061 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072171.D
 Acq: 14 Mar 2022 16:58

Tgt Ion: 63 Resp: 20248
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.9
 100 4.2 2.1 6.5

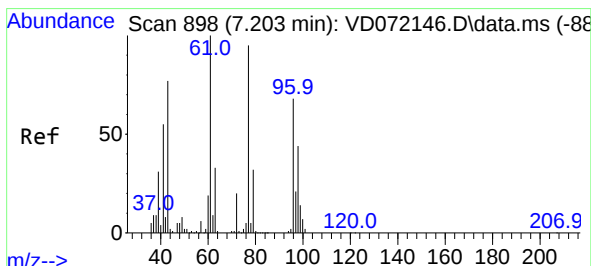
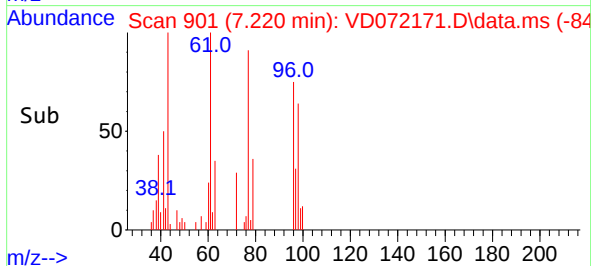
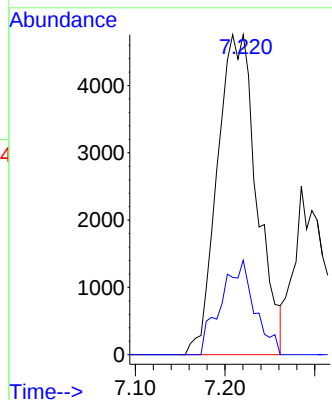
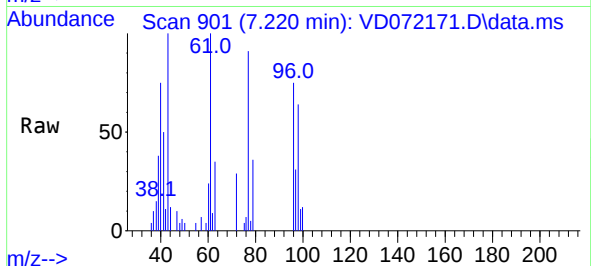




#25
2-Butanone
Concen: 14.733 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.018 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

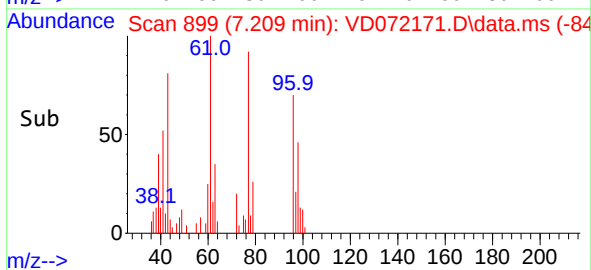
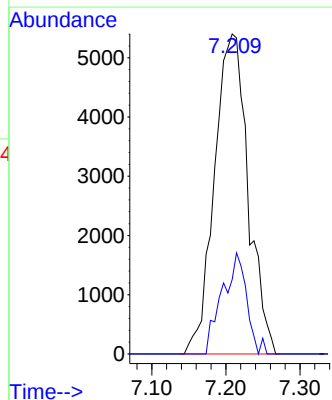
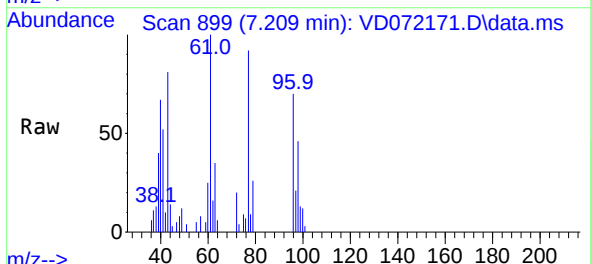
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

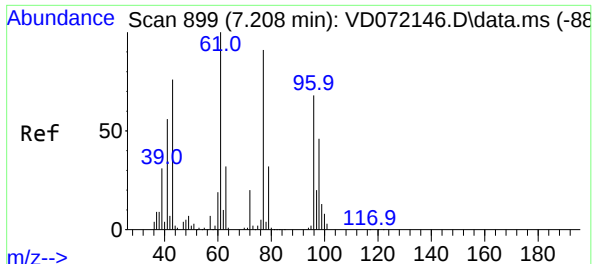
Tgt Ion: 43 Resp: 14545
Ion Ratio Lower Upper
43 100
72 29.5 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 2.854 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 77 Resp: 17031
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.4

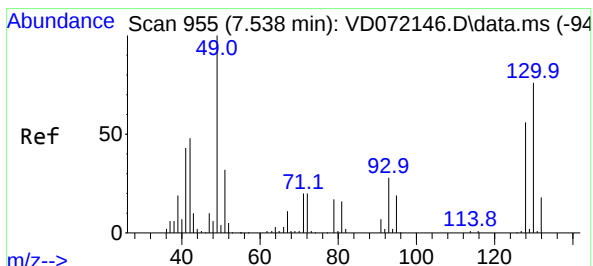
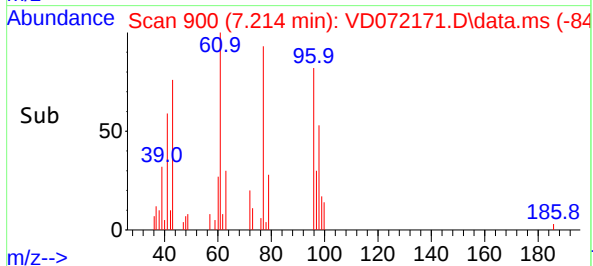
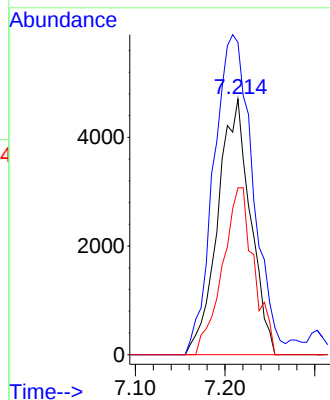
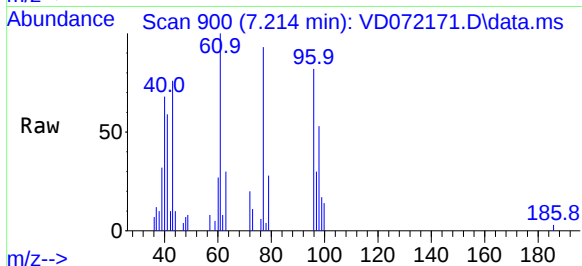




#27
 cis-1,2-Dichloroethene
 Concen: 2.993 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.006 min
 Lab File: VD072171.D
 Acq: 14 Mar 2022 16:58

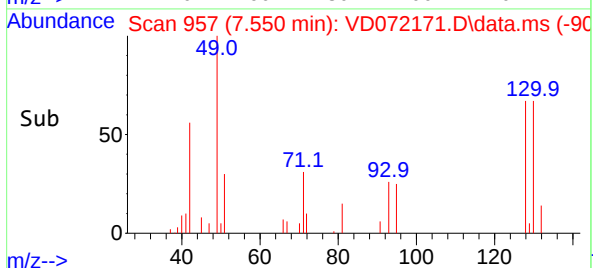
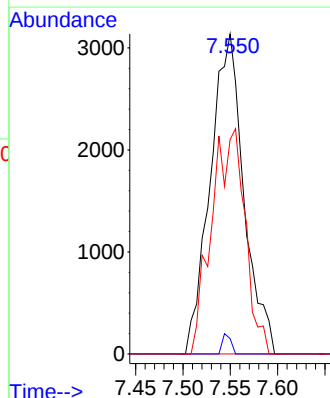
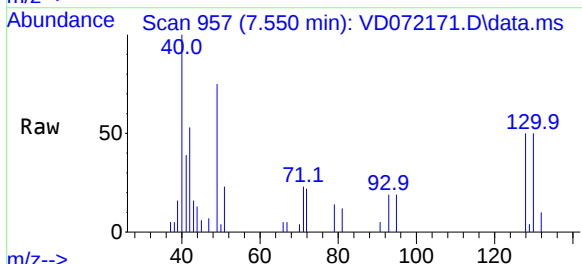
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

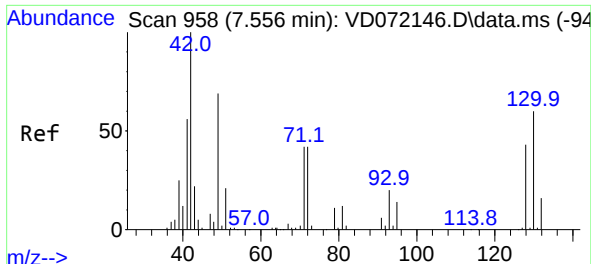
Tgt Ion: 96 Resp: 11888
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 313.8
 98 62.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 2.910 ug/l
 RT: 7.550 min Scan# 957
 Delta R.T. 0.012 min
 Lab File: VD072171.D
 Acq: 14 Mar 2022 16:58

Tgt Ion: 49 Resp: 7750
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 70.2 52.6 79.0

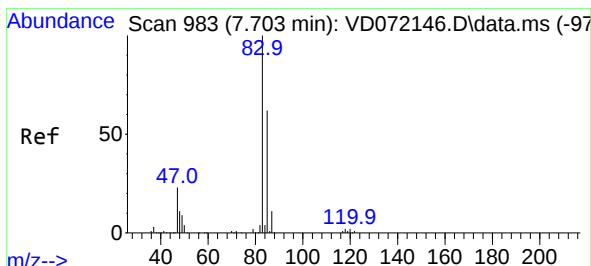
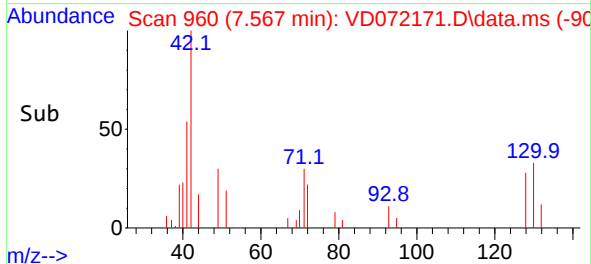
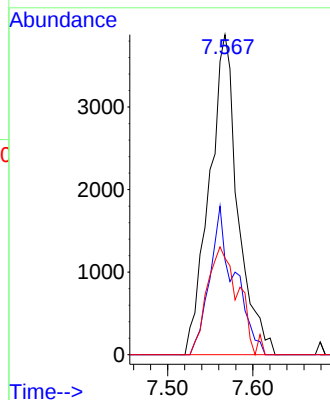
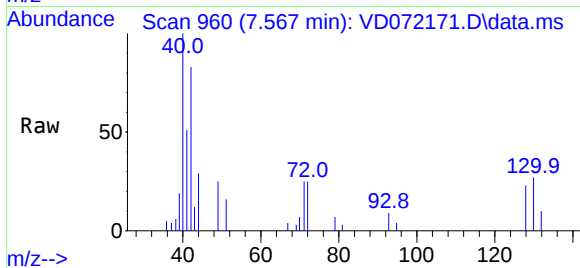




#29
Tetrahydrofuran
Concen: 15.578 ug/l
RT: 7.567 min Scan# 90
Delta R.T. 0.012 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

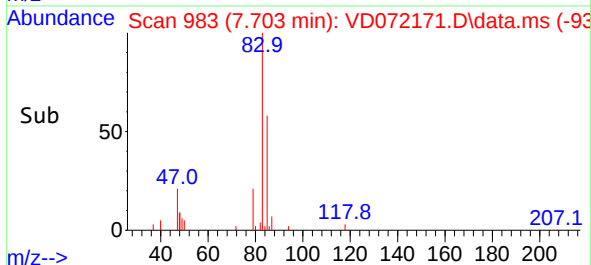
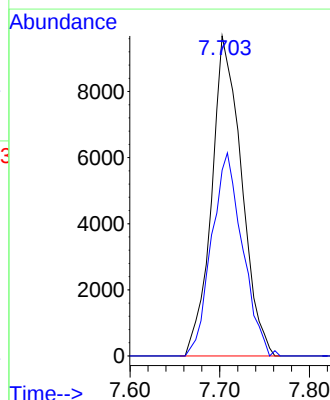
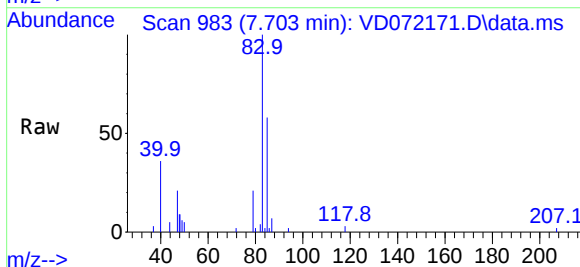
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

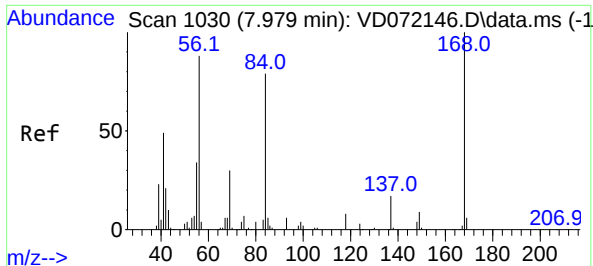
Tgt Ion:	42	Resp:	9043
Ion	Ratio	Lower	Upper
42	100		
72	40.6	30.7	46.1
71	36.1	28.6	43.0



#30
Chloroform
Concen: 3.177 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:	83	Resp:	22385
Ion	Ratio	Lower	Upper
83	100		
85	58.0	52.7	79.1

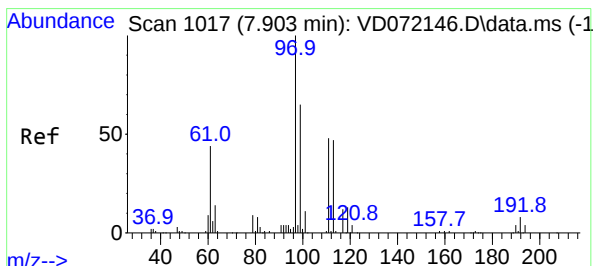
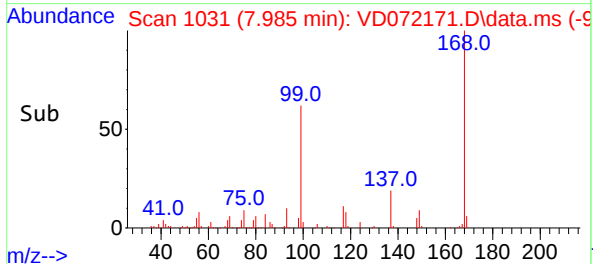
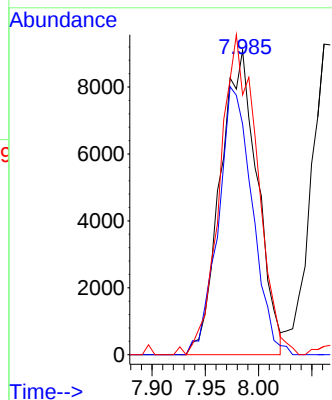
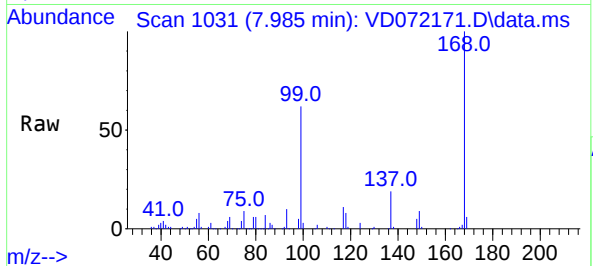




#31
Cyclohexane
Concen: 4.129 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

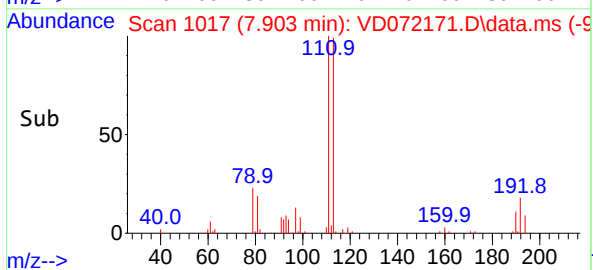
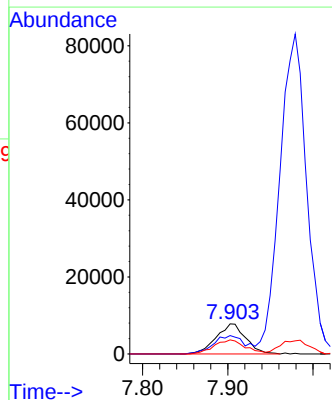
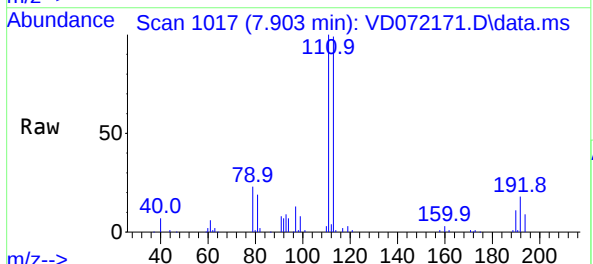
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 56 Resp: 21997
Ion Ratio Lower Upper
56 100
69 75.8 25.4 38.2#
84 82.7 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 2.993 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 97 Resp: 18734
Ion Ratio Lower Upper
97 100
99 67.6 52.4 78.6
61 49.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 51.265 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

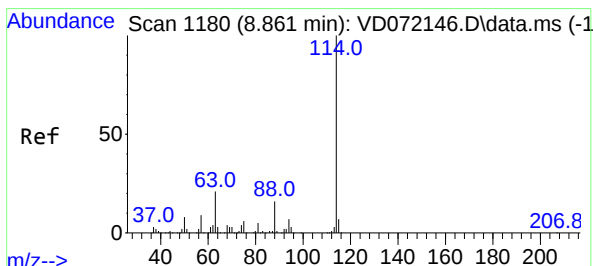
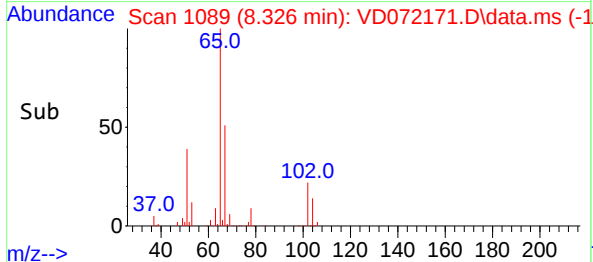
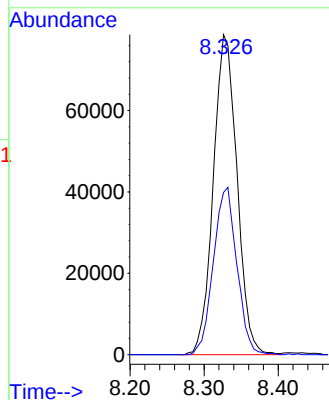
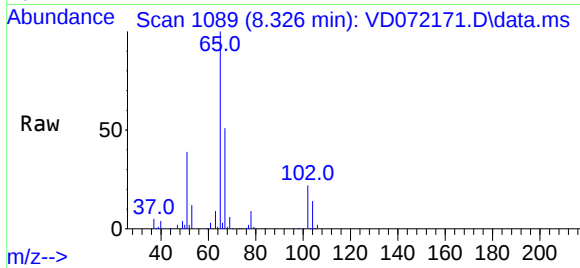
MDL-SOIL-03-QT1-2022

Tgt Ion: 65 Resp: 174823

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

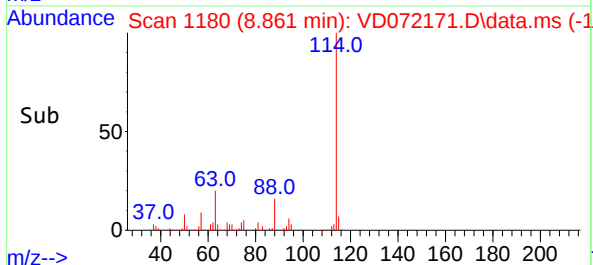
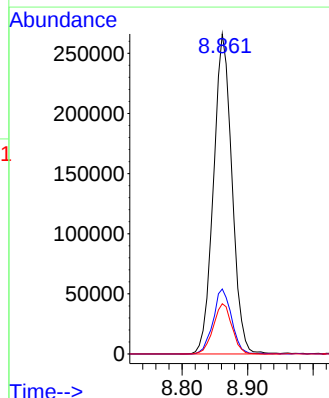
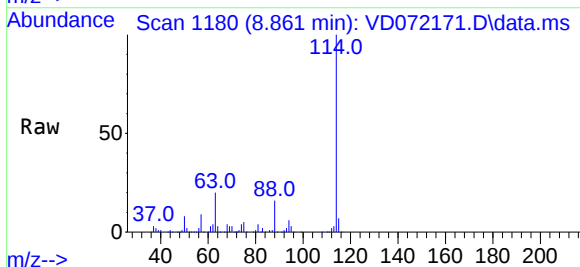
Tgt Ion: 114 Resp: 519765

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.7 0.0 33.2

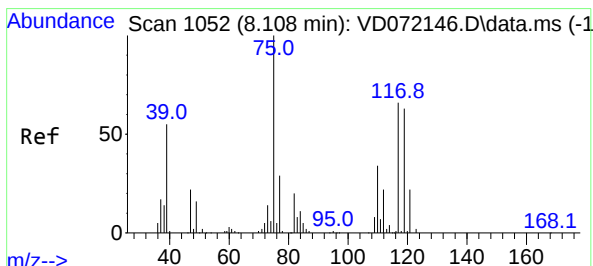
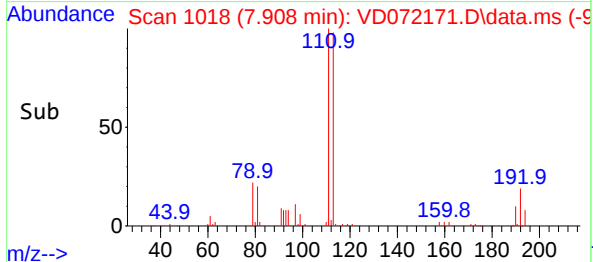
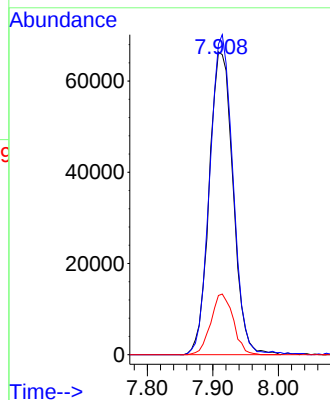
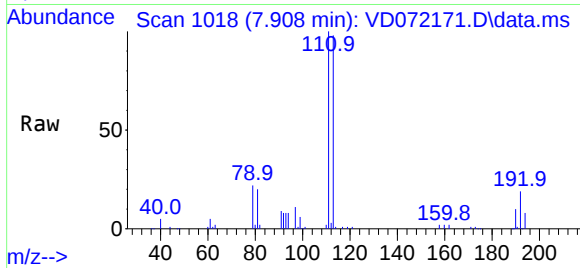




#35
Dibromofluoromethane
Concen: 45.808 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

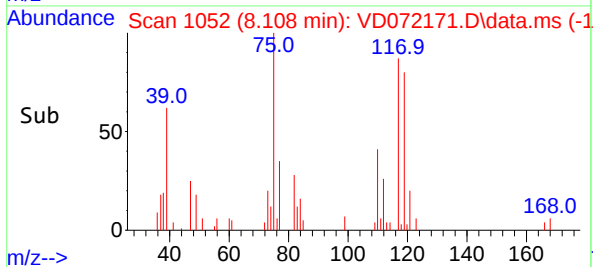
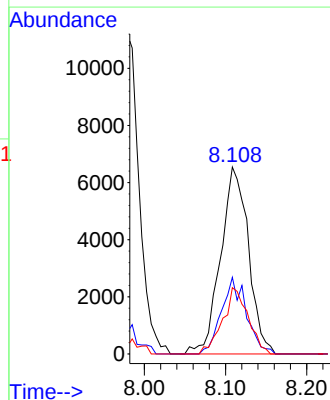
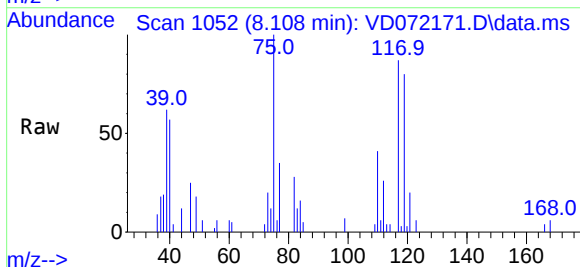
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:113 Resp: 167548
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 18.8 14.6 21.8



#36
1,1-Dichloropropene
Concen: 3.043 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 75 Resp: 15616
Ion Ratio Lower Upper
75 100
110 36.8 16.4 49.1
77 32.3 24.2 36.2





#37

Ethyl Acetate

Concen: 2.660 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

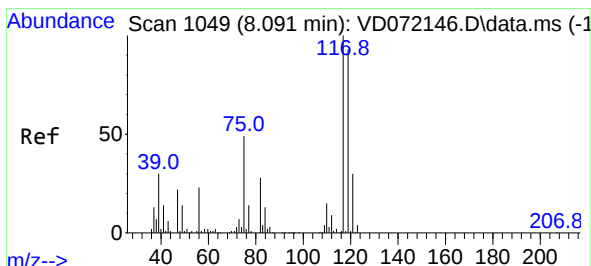
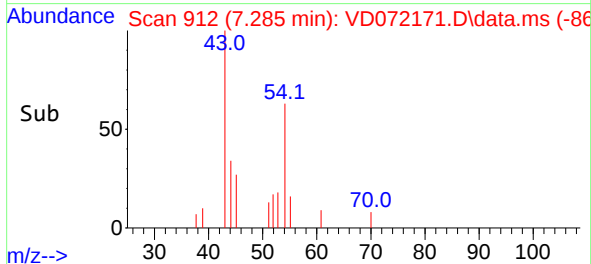
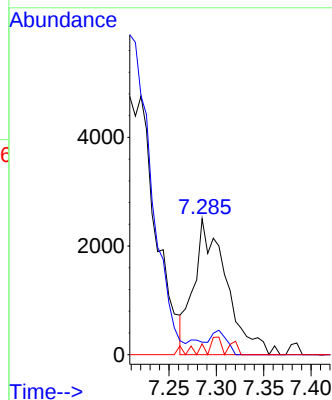
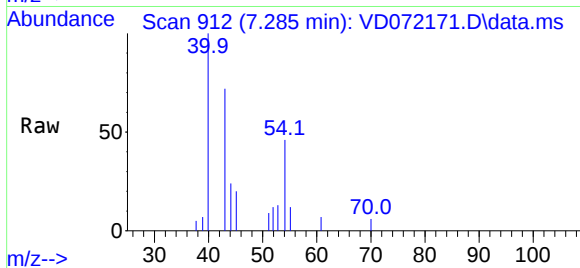
Tgt Ion: 43 Resp: 5979

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.9 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 3.142 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

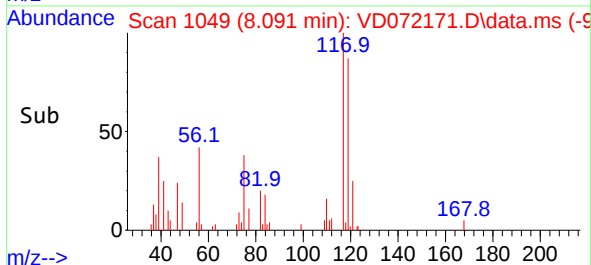
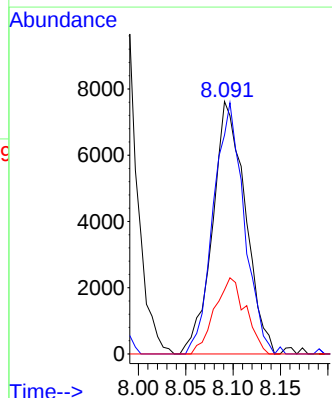
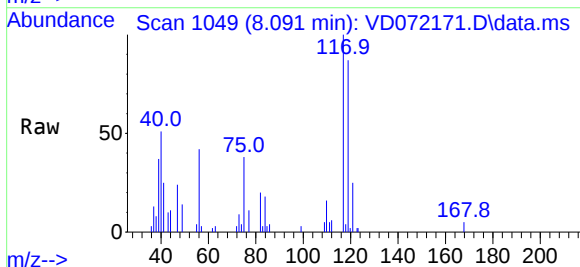
Tgt Ion: 117 Resp: 18324

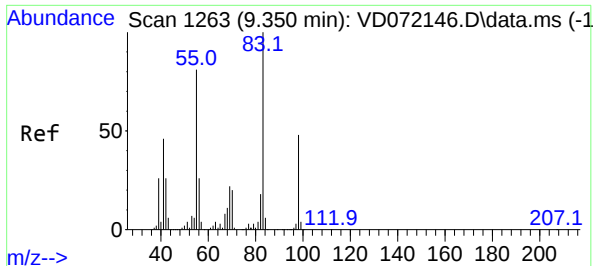
Ion Ratio Lower Upper

117 100

119 86.7 75.8 113.6

121 25.4 24.5 36.7





#39

Methylcyclohexane

Concen: 3.202 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

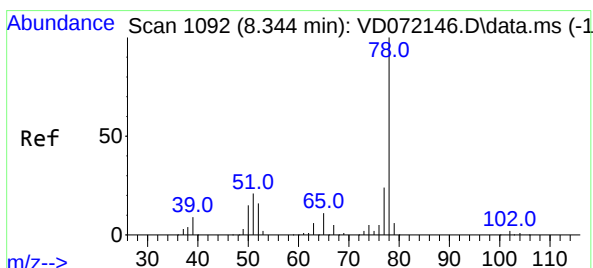
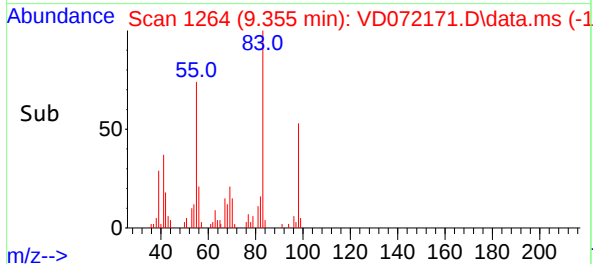
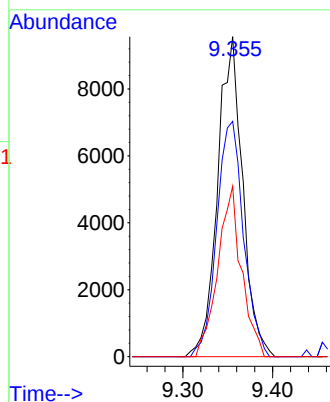
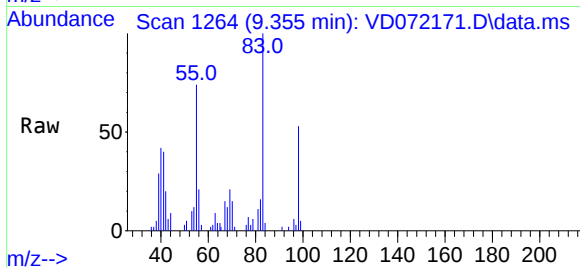
Tgt Ion: 83 Resp: 18487

Ion Ratio Lower Upper

83 100

55 73.5 63.2 94.8

98 53.2 38.2 57.4



#40

Benzene

Concen: 3.122 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072171.D

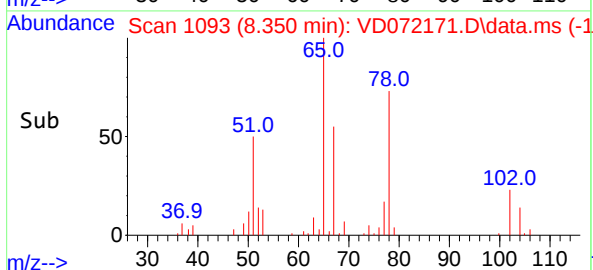
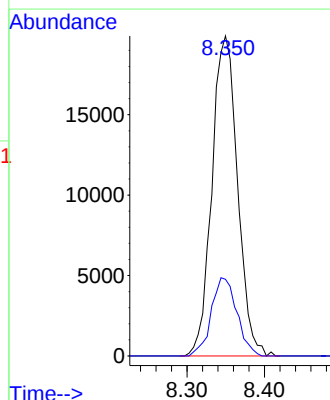
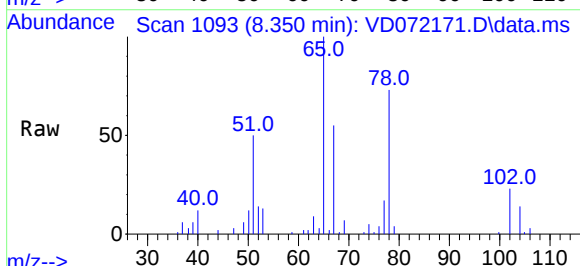
Acq: 14 Mar 2022 16:58

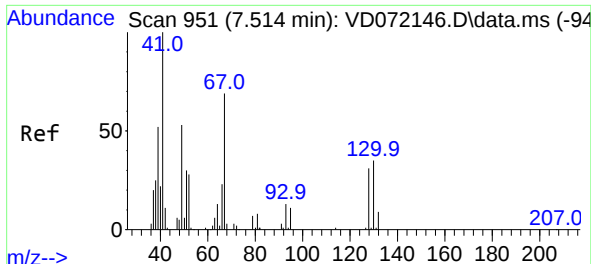
Tgt Ion: 78 Resp: 45708

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

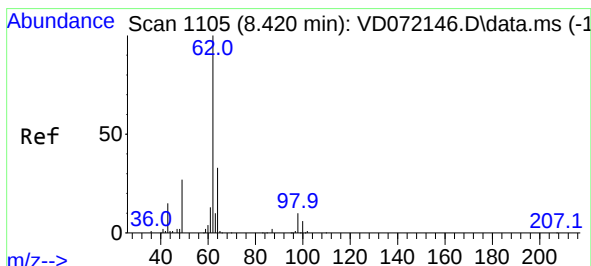
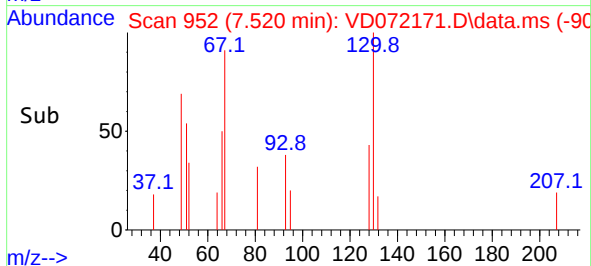
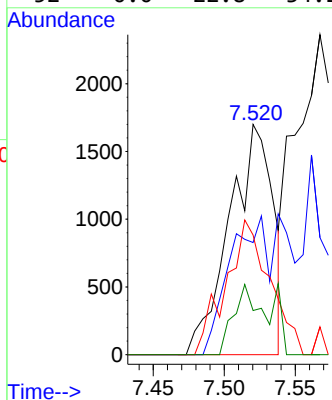
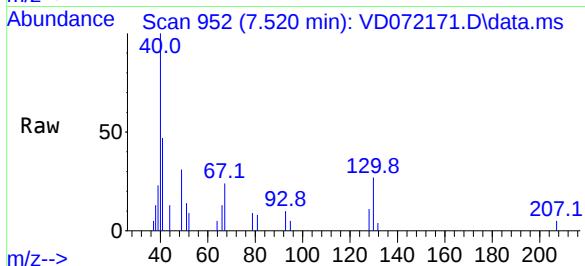




#41
Methacrylonitrile
Concen: 2.758 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

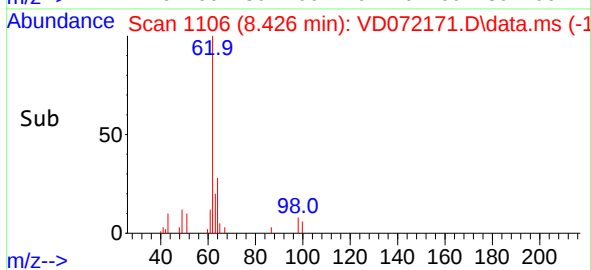
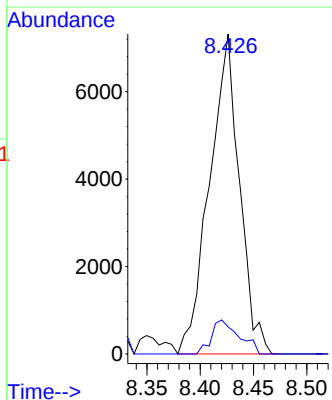
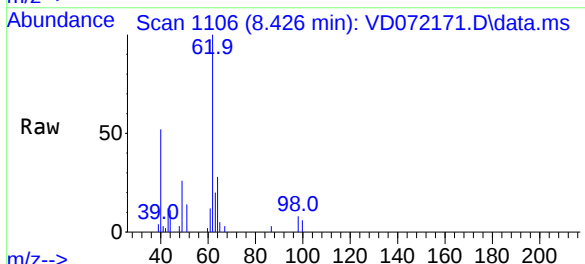
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:	41	Resp:	3613
Ion	Ratio	Lower	Upper
41	100		
39	37.2	44.6	67.0#
67	59.1	48.2	72.4
52	0.0	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 3.211 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:	62	Resp:	14257
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.6

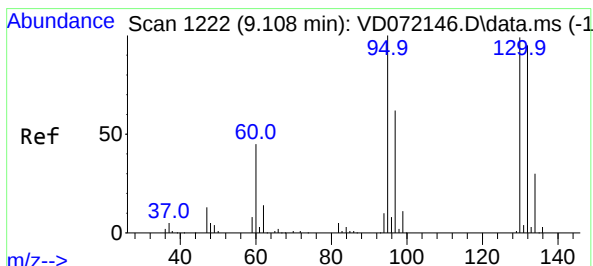
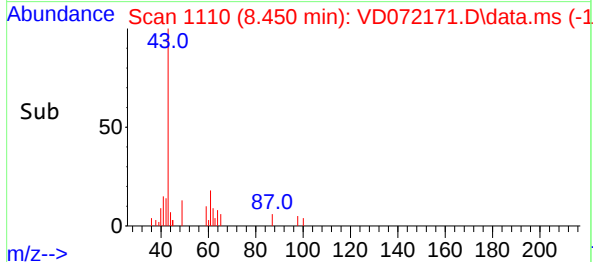
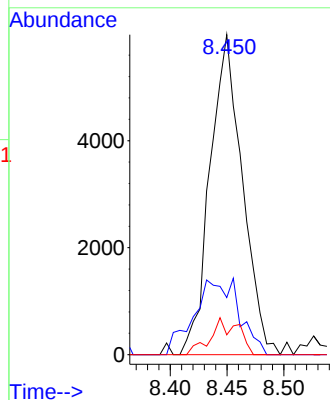
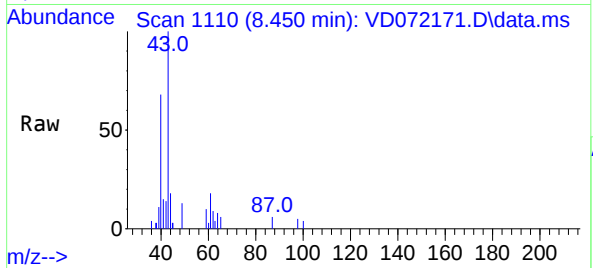




#43
Isopropyl Acetate
Concen: 2.720 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

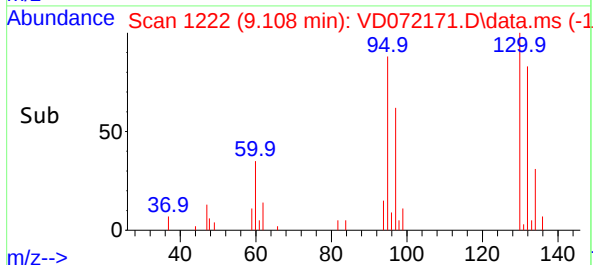
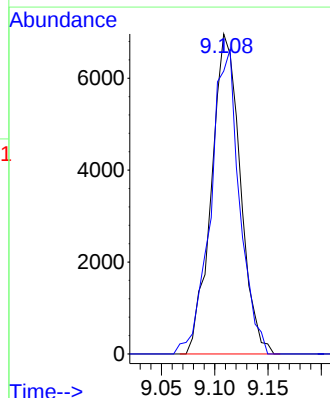
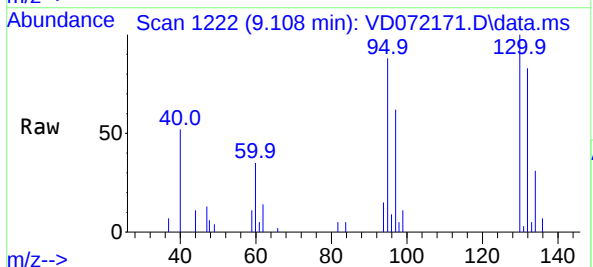
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

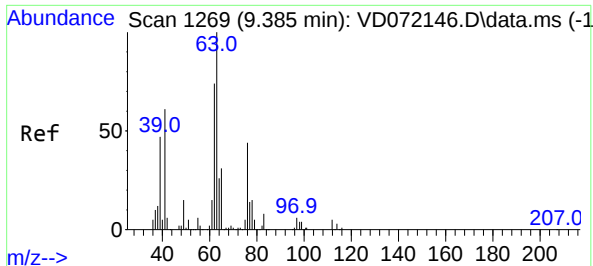
Tgt Ion:	43	Resp:	11868
Ion	Ratio	Lower	Upper
43	100		
61	32.9	22.4	33.6
87	9.8	8.7	13.1



#44
Trichloroethene
Concen: 3.192 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:	130	Resp:	13117
Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	205.4





#45

1,2-Dichloropropane

Concen: 2.798 ug/l

RT: 9.385 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

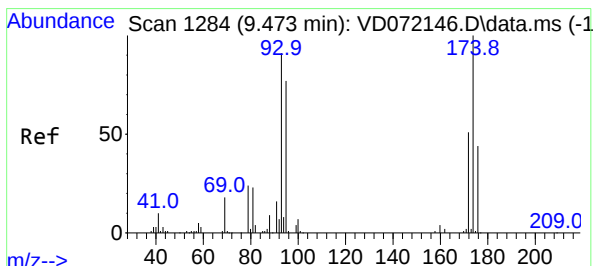
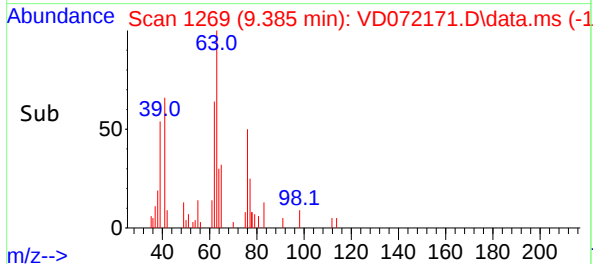
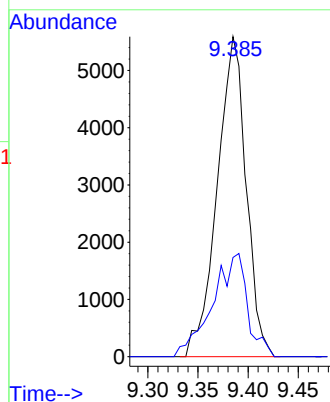
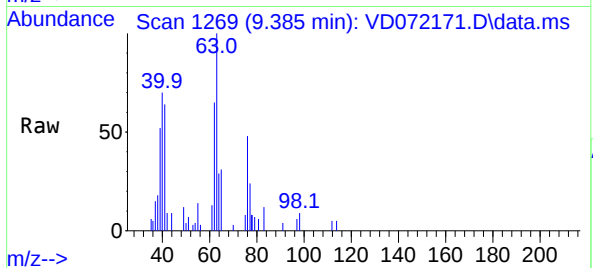
MDL-SOIL-03-QT1-2022

Tgt Ion: 63 Resp: 11232

Ion Ratio Lower Upper

63 100

65 31.0 26.2 39.4



#46

Dibromomethane

Concen: 3.173 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

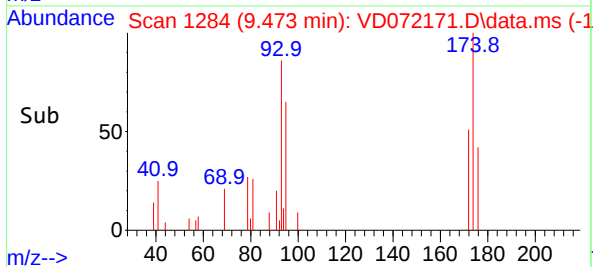
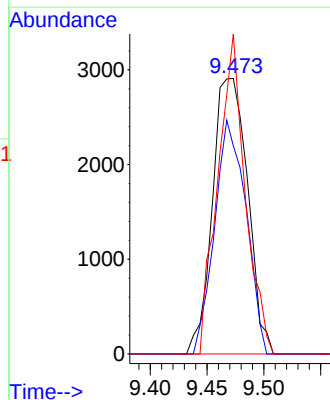
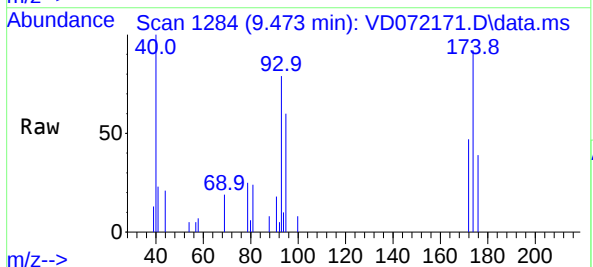
Tgt Ion: 93 Resp: 6266

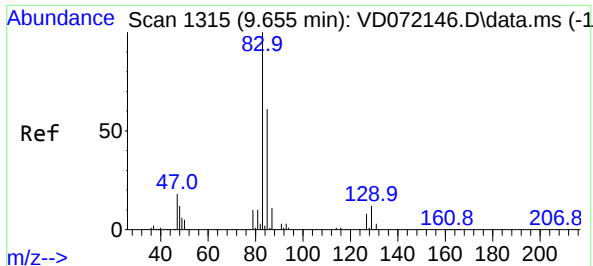
Ion Ratio Lower Upper

93 100

95 75.9 66.7 100.1

174 90.4 71.6 107.4

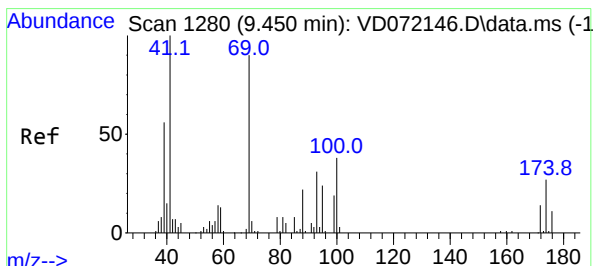
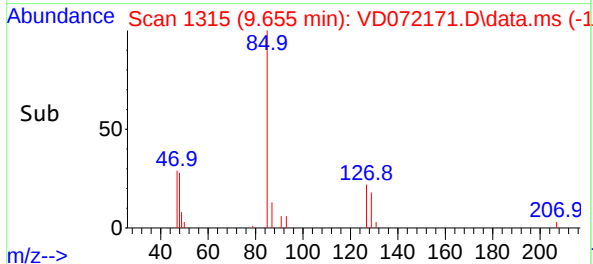
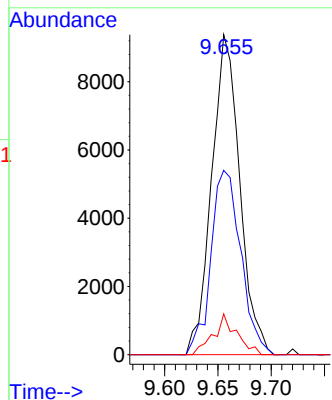
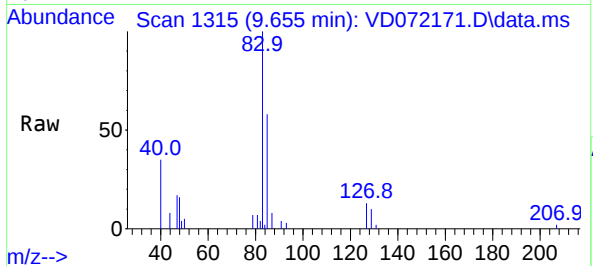




#47
Bromodichloromethane
Concen: 2.991 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

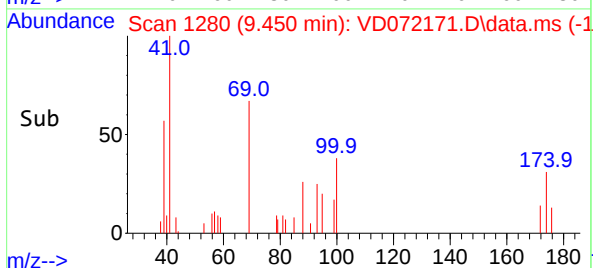
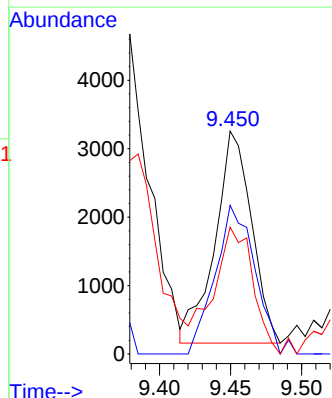
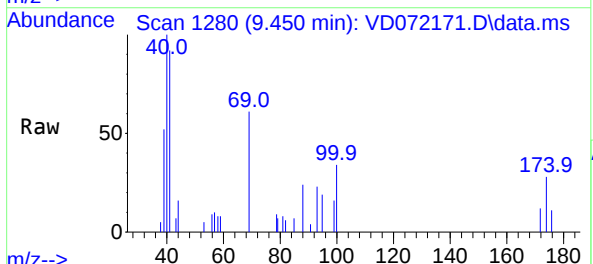
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

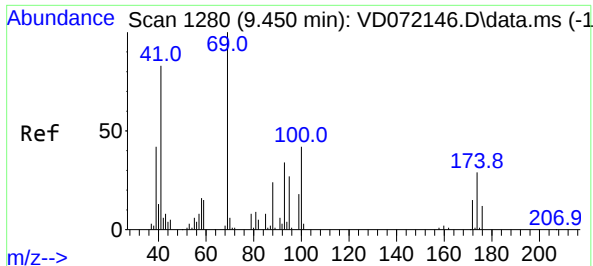
Tgt Ion: 83 Resp: 17218
Ion Ratio Lower Upper
83 100
85 57.6 51.4 77.0
127 12.7 6.1 9.1#



#48
Methyl methacrylate
Concen: 2.672 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 41 Resp: 5566
Ion Ratio Lower Upper
41 100
69 76.8 56.7 85.1
39 64.2 42.7 64.1#





#49

1,4-Dioxane

Concen: 67.225 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

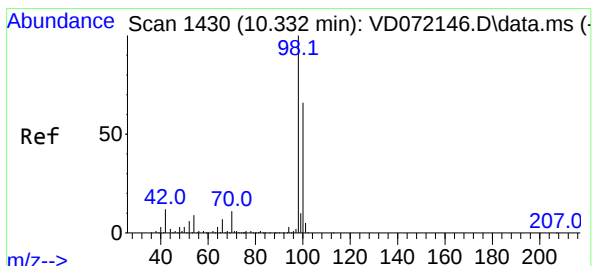
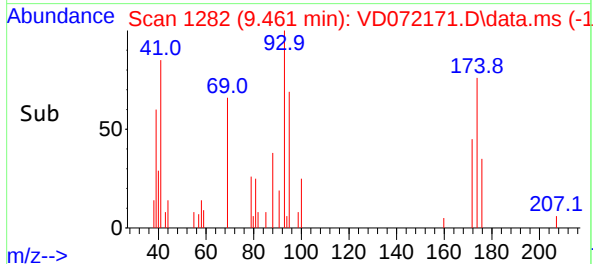
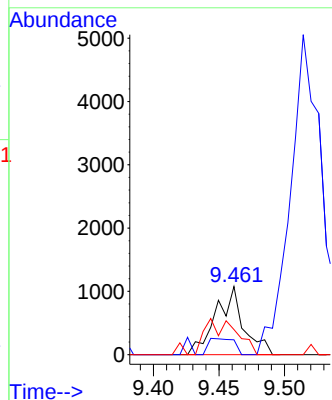
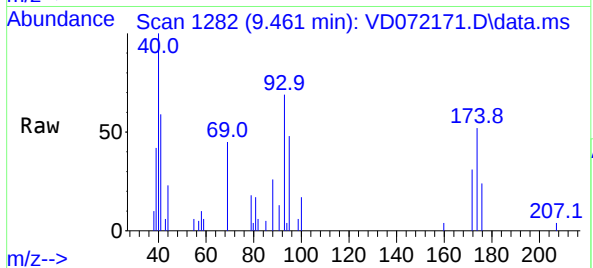
Tgt Ion: 88 Resp: 1592

Ion Ratio Lower Upper

88 100

43 21.7 31.0 46.4#

58 59.0 58.1 87.1



#50

Toluene-d8

Concen: 41.526 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072171.D

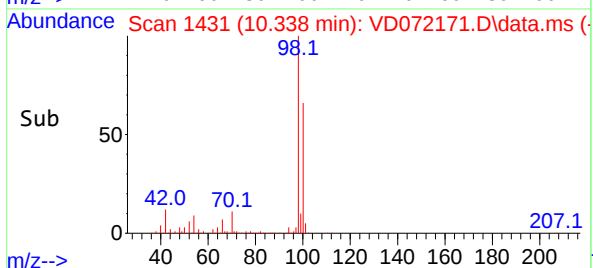
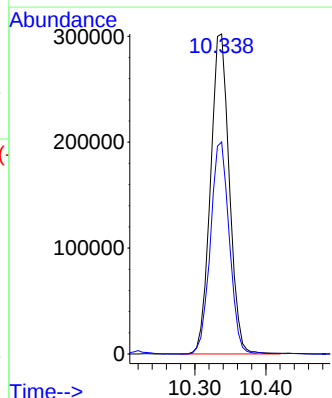
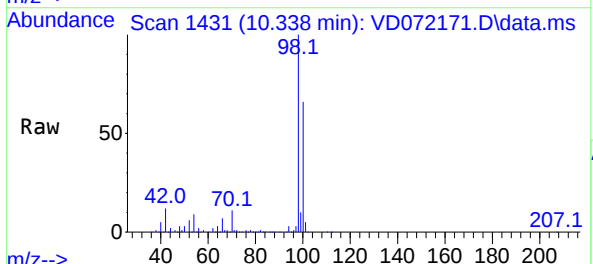
Acq: 14 Mar 2022 16:58

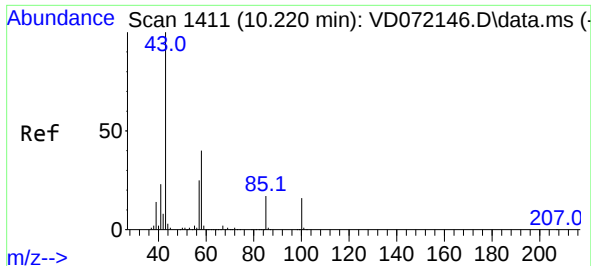
Tgt Ion: 98 Resp: 555375

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6

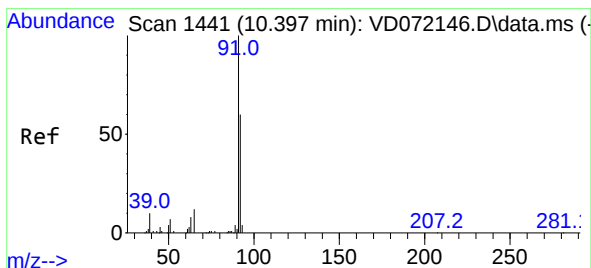
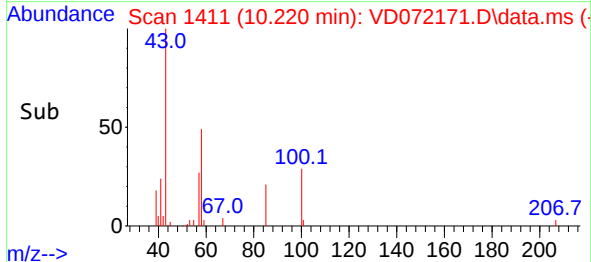
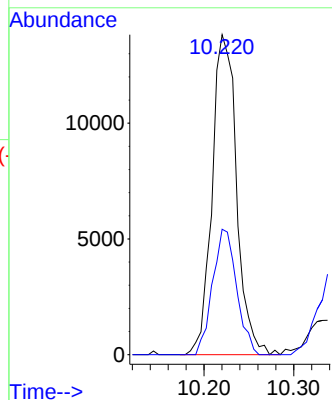
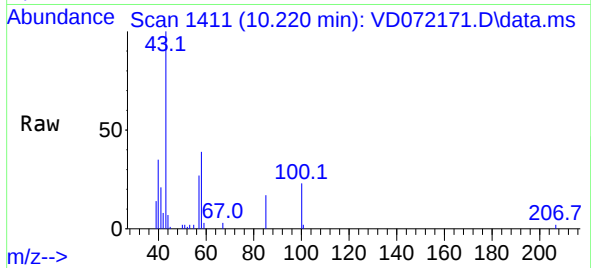




#51
4-Methyl-2-Pentanone
Concen: 11.437 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

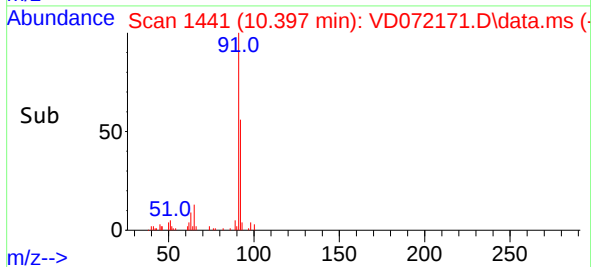
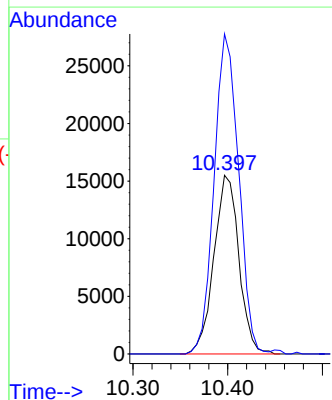
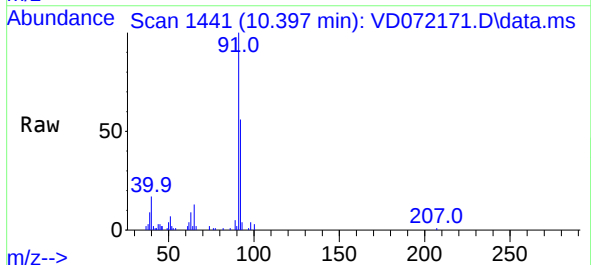
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

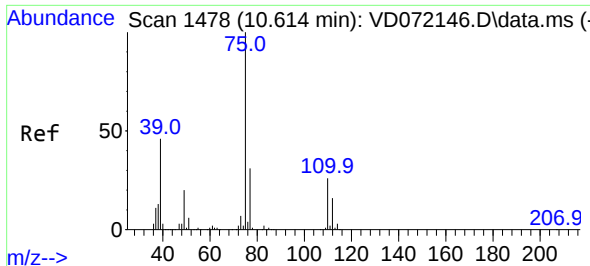
Tgt Ion: 43 Resp: 26206
Ion Ratio Lower Upper
43 100
58 38.4 28.6 43.0



#52
Toluene
Concen: 2.952 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 92 Resp: 28438
Ion Ratio Lower Upper
92 100
91 175.5 139.6 209.4

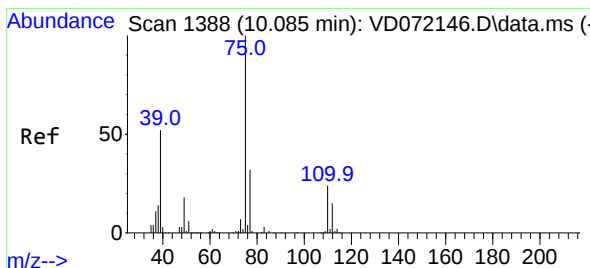
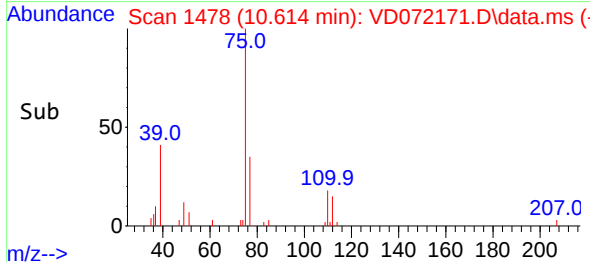
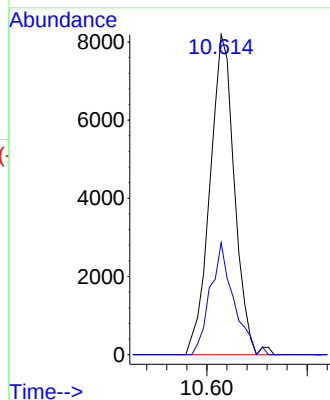
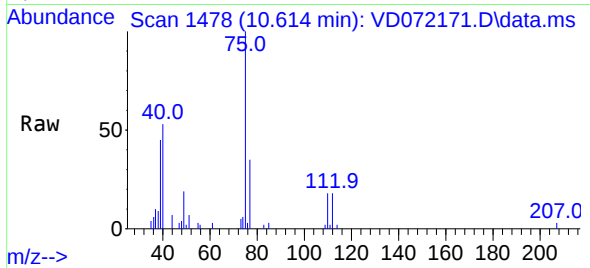




#53
t-1,3-Dichloropropene
Concen: 2.635 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

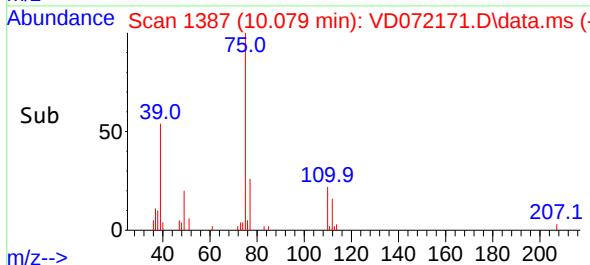
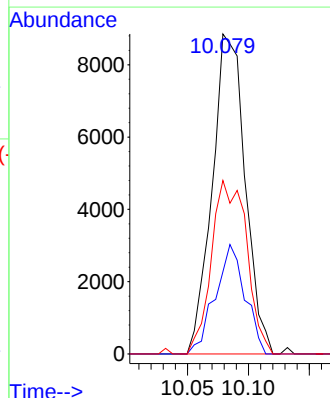
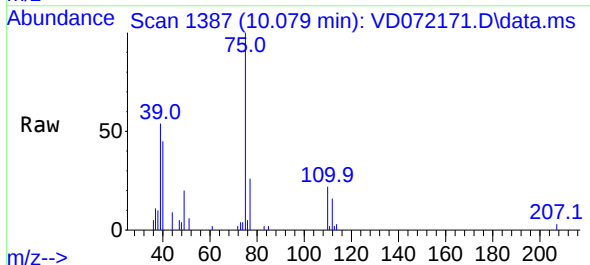
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

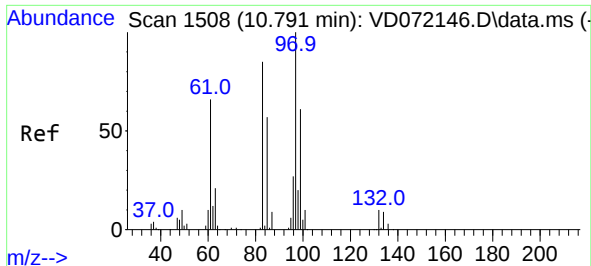
Tgt Ion: 75 Resp: 13861
Ion Ratio Lower Upper
75 100
77 35.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 2.741 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 75 Resp: 16669
Ion Ratio Lower Upper
75 100
77 25.7 24.8 37.2
39 54.2 46.8 70.2

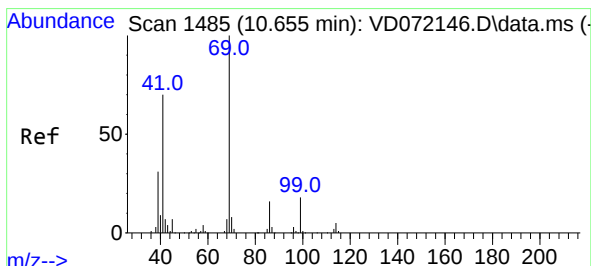
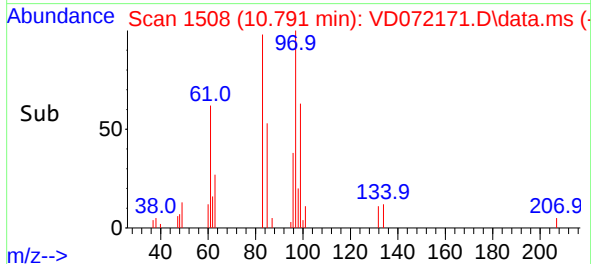
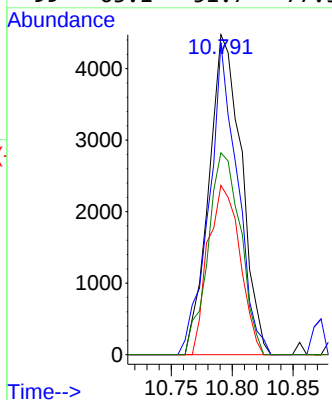
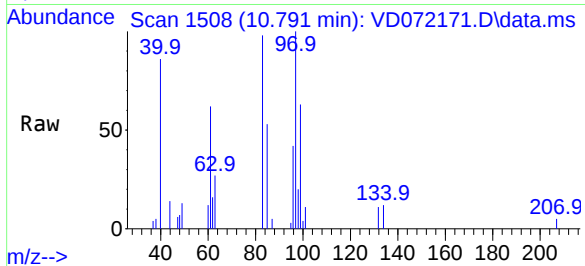




#55
1,1,2-Trichloroethane
Concen: 2.764 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

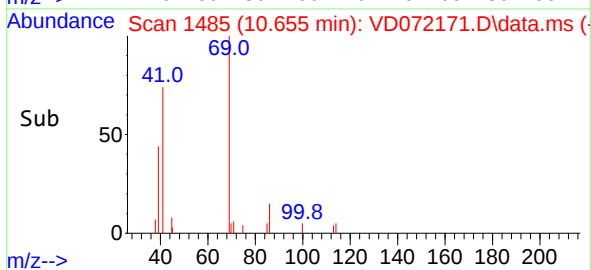
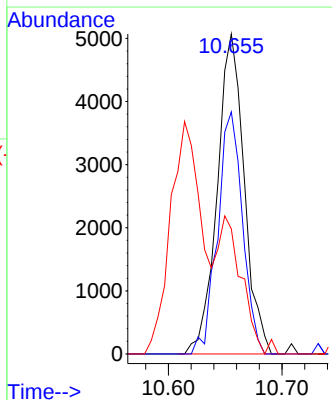
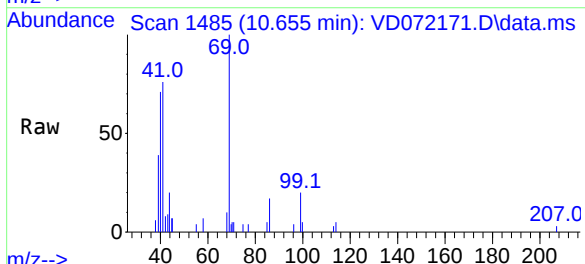
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

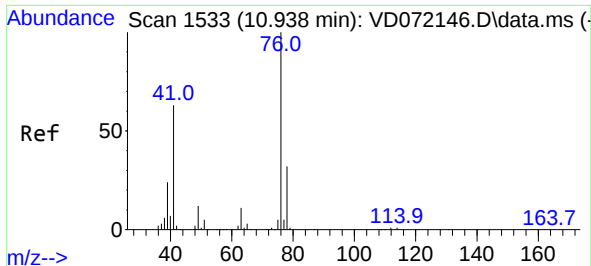
Tgt Ion:	97	Resp:	8316
Ion	Ratio	Lower	Upper
97	100		
83	97.6	69.0	103.4
85	52.9	42.6	63.8
99	63.1	51.7	77.5



#56
Ethyl methacrylate
Concen: 2.378 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:	69	Resp:	8380
Ion	Ratio	Lower	Upper
69	100		
41	70.0	63.0	94.6
39	38.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 2.643 ug/l

RT: 10.944 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

Instrument :

MSVOA_D

ClientSampleId :

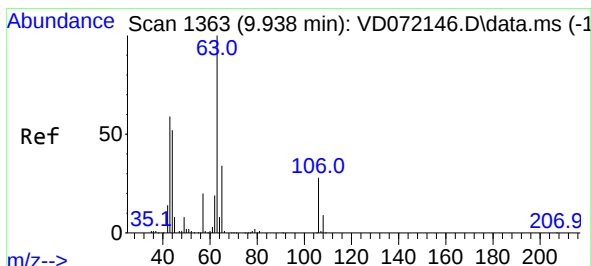
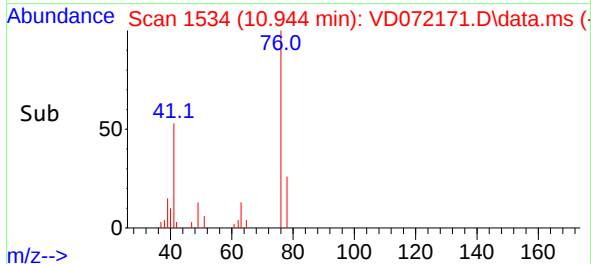
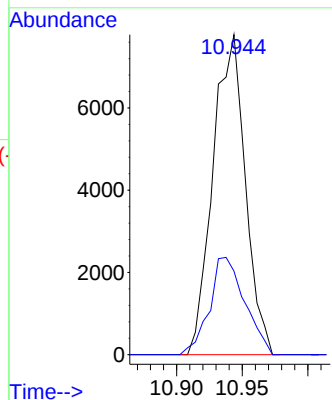
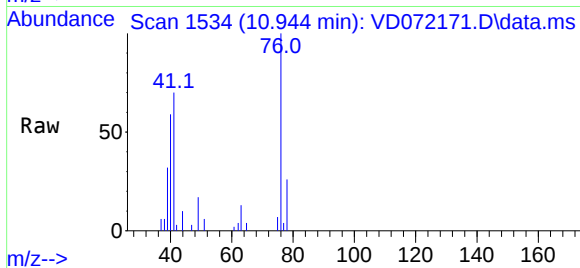
MDL-SOIL-03-QT1-2022

Tgt Ion: 76 Resp: 13345

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 11.601 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072171.D

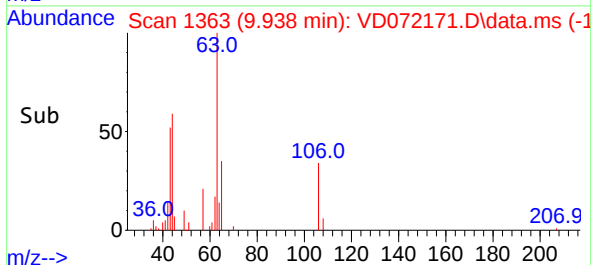
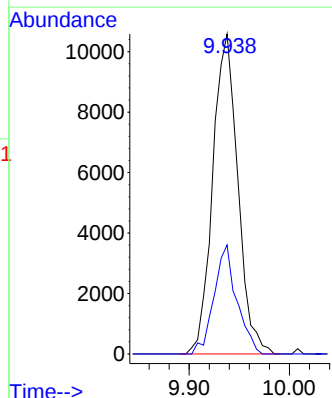
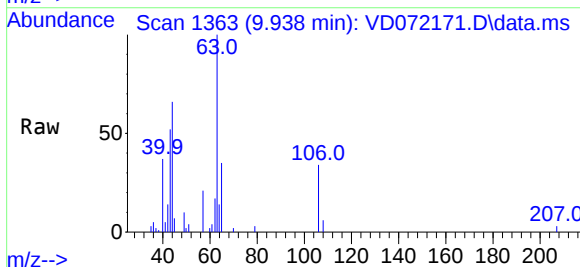
Acq: 14 Mar 2022 16:58

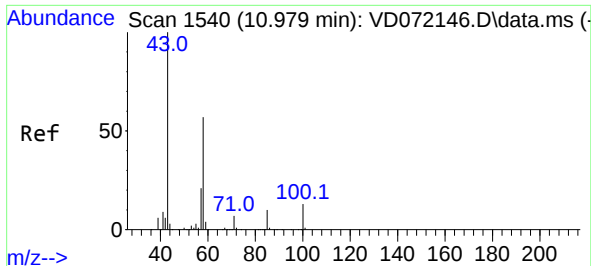
Tgt Ion: 63 Resp: 18380

Ion Ratio Lower Upper

63 100

106 30.9 21.4 32.0

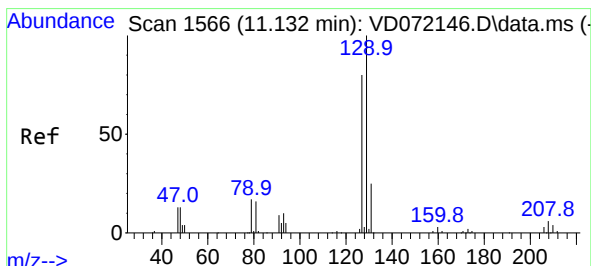
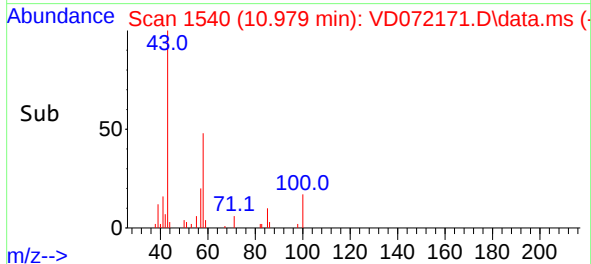
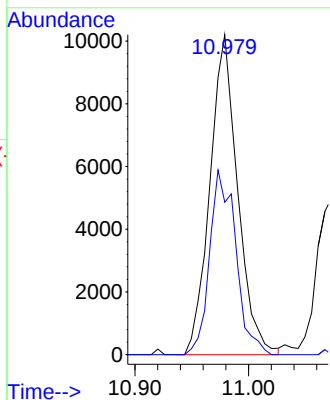
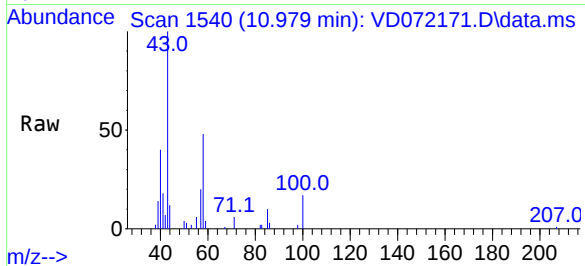




#59
2-Hexanone
Concen: 10.958 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

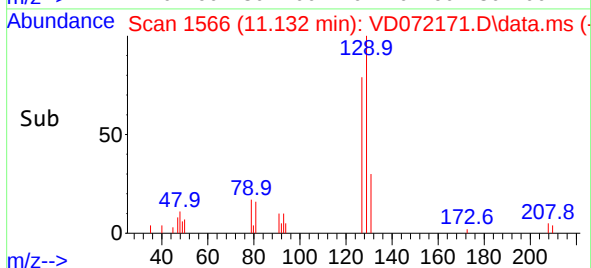
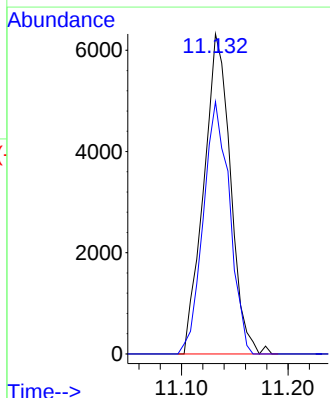
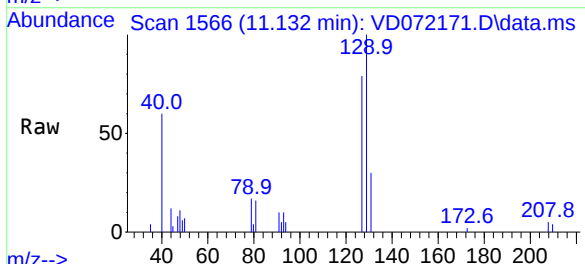
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

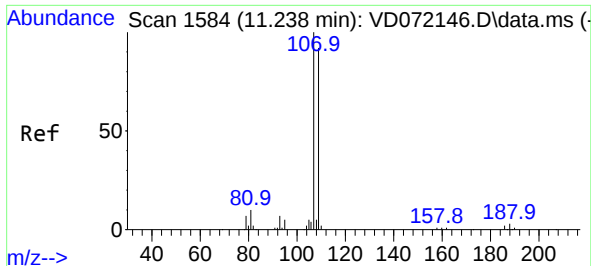
Tgt Ion: 43 Resp: 17342
Ion Ratio Lower Upper
43 100
58 54.3 25.3 75.9



#60
Dibromochloromethane
Concen: 2.830 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:129 Resp: 11048
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6

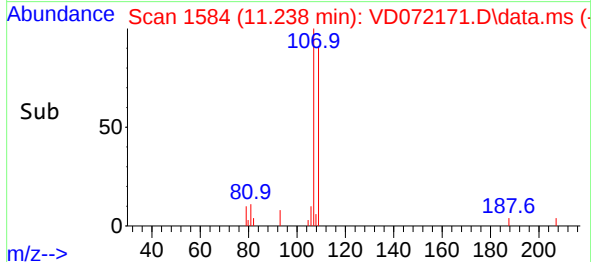
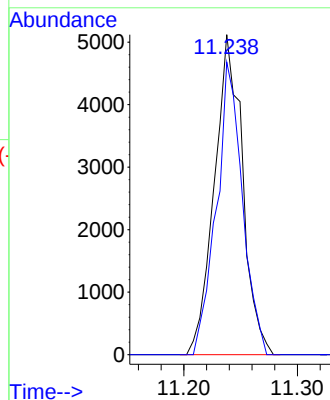
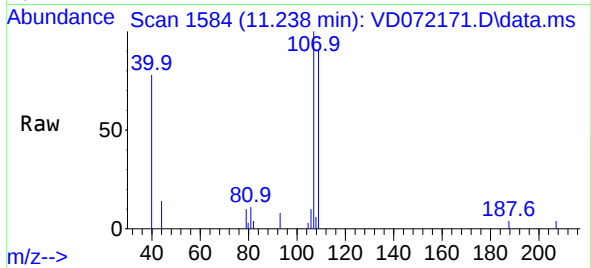




#61
1,2-Dibromoethane
Concen: 3.229 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

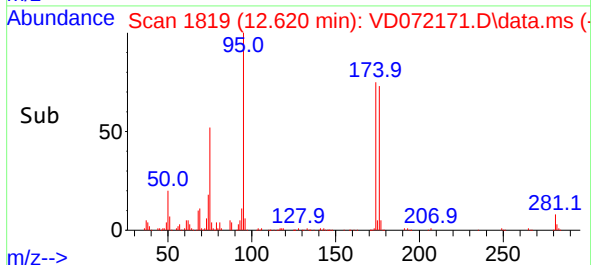
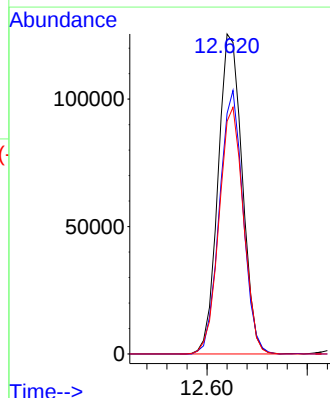
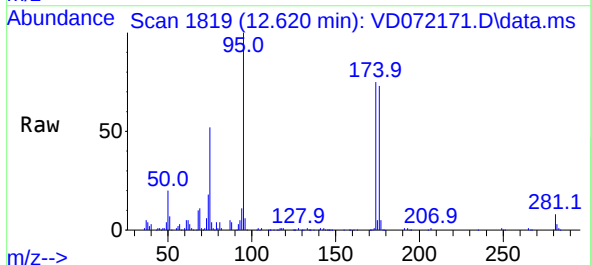
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

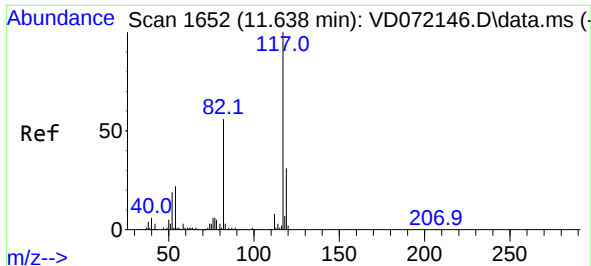
Tgt Ion:107 Resp: 8777
Ion Ratio Lower Upper
107 100
109 84.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 40.350 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 95 Resp: 209680
Ion Ratio Lower Upper
95 100
174 80.3 0.0 152.8
176 77.6 0.0 145.4

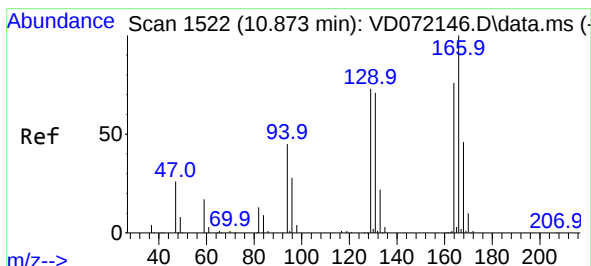
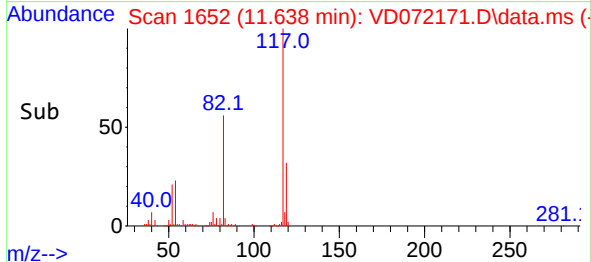
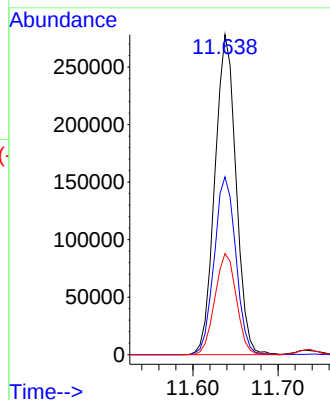
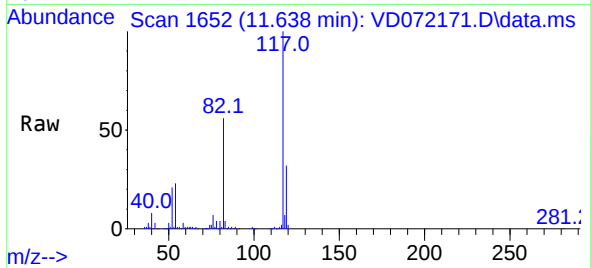




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

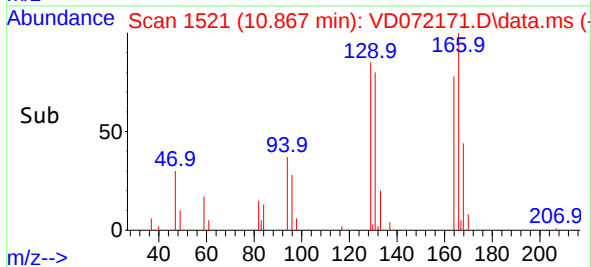
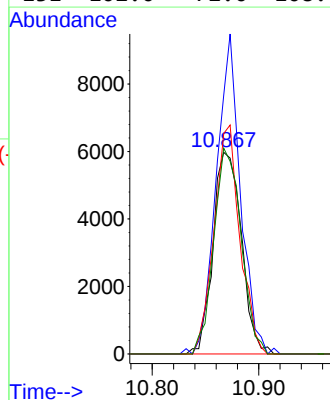
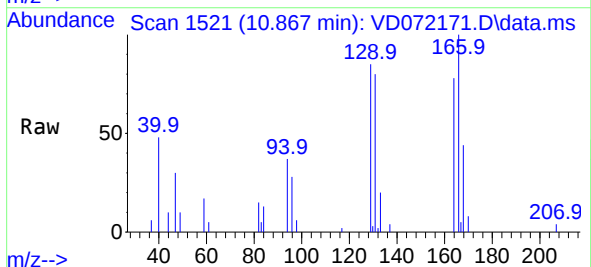
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

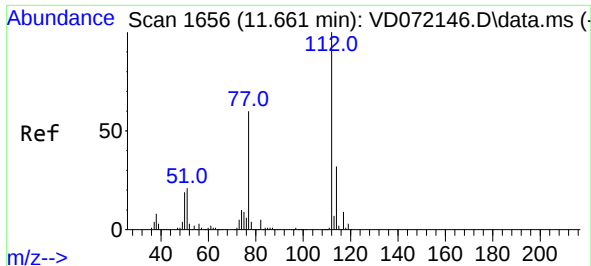
Tgt Ion:117	Resp:	480164
Ion	Ratio	Lower Upper
117	100	
82	55.6	45.3 67.9
119	31.6	26.6 40.0



#64
Tetrachloroethene
Concen: 3.263 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:164	Resp:	11039
Ion	Ratio	Lower Upper
164	100	
166	128.3	98.5 147.7
129	109.3	74.6 111.8
131	102.0	72.0 108.0

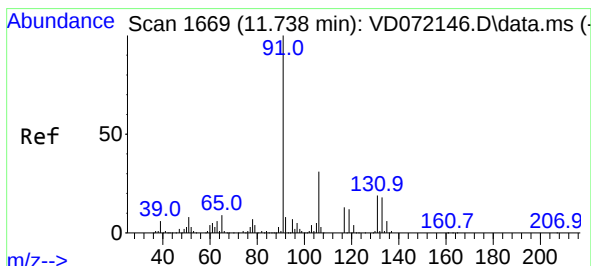
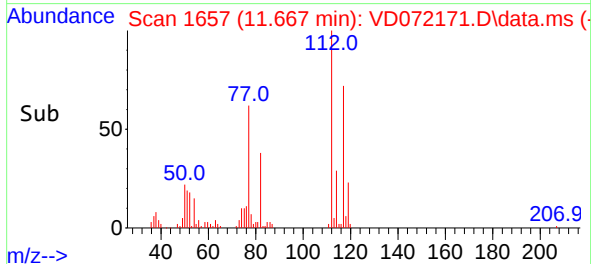
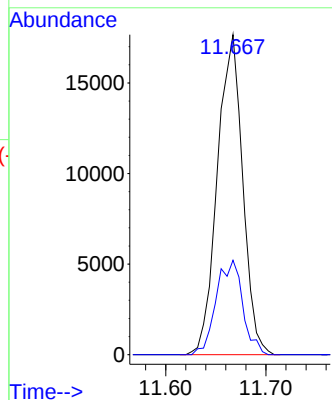
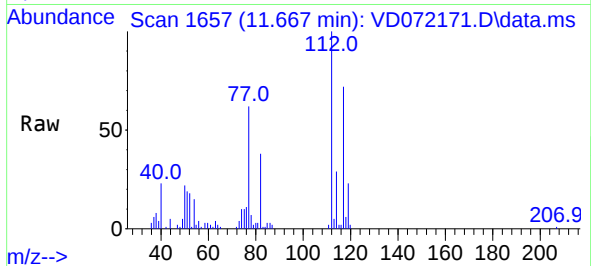




#65
Chlorobenzene
Concen: 2.914 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

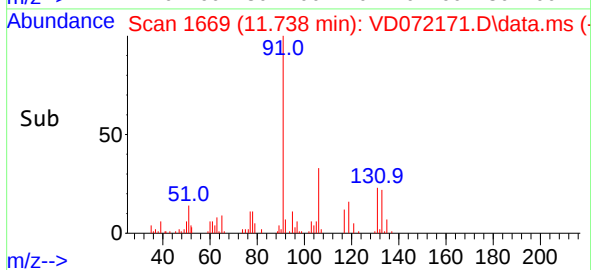
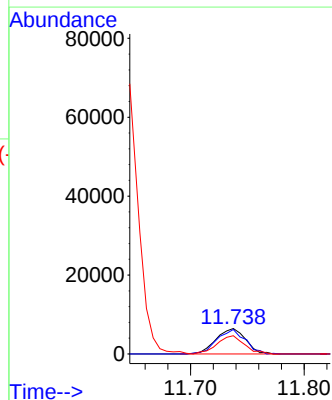
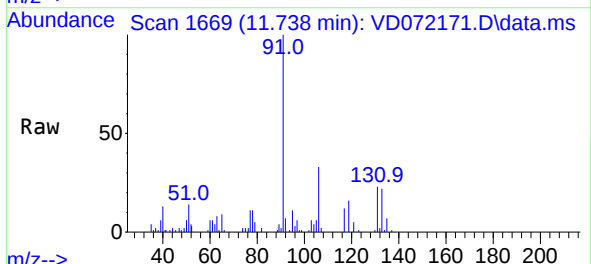
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

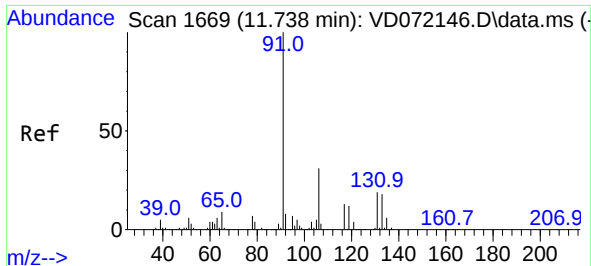
Tgt Ion:112 Resp: 31020
Ion Ratio Lower Upper
112 100
114 29.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.760 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:131 Resp: 11620
Ion Ratio Lower Upper
131 100
133 92.1 48.1 144.3
119 66.5 31.9 95.9

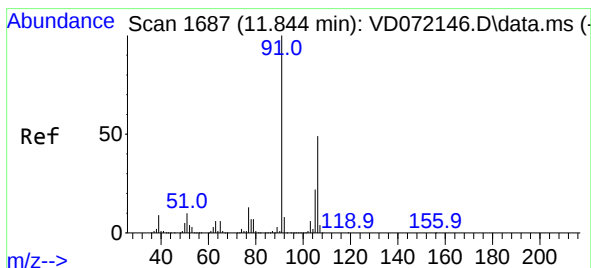
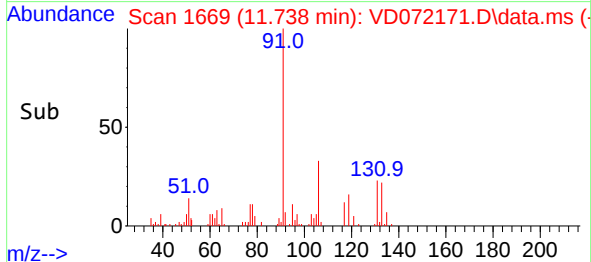
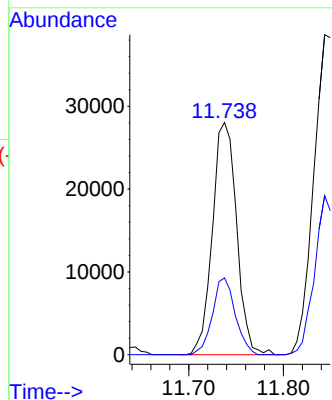
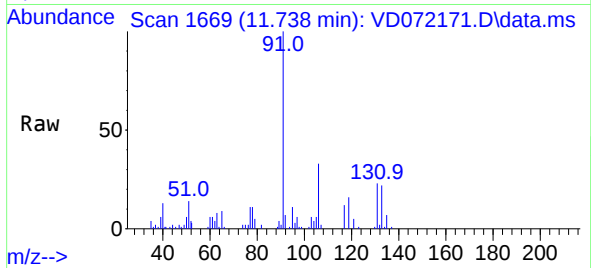




#67
Ethyl Benzene
Concen: 2.625 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

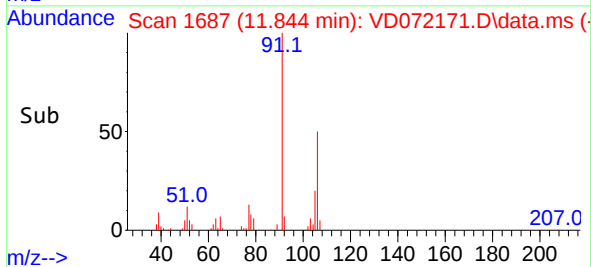
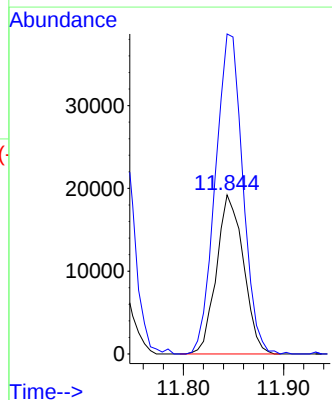
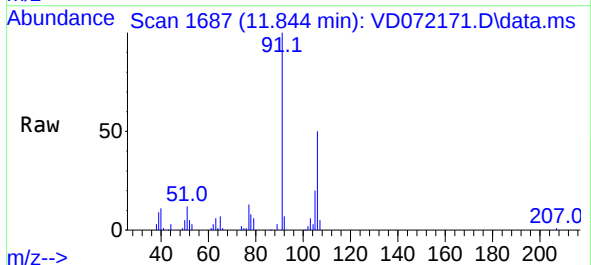
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

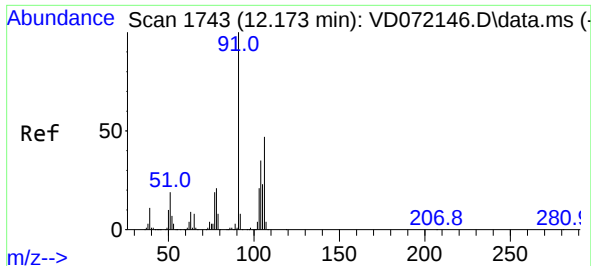
Tgt Ion: 91 Resp: 49905
Ion Ratio Lower Upper
91 100
106 33.1 24.2 36.4



#68
m/p-Xylenes
Concen: 4.960 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 106 Resp: 35810
Ion Ratio Lower Upper
106 100
91 204.9 163.7 245.5

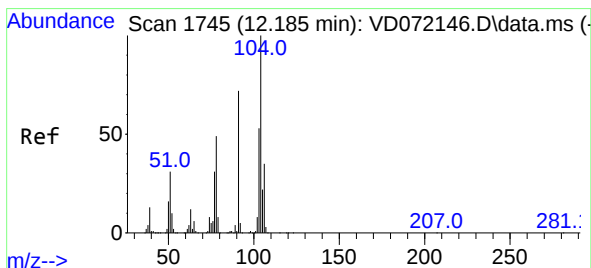
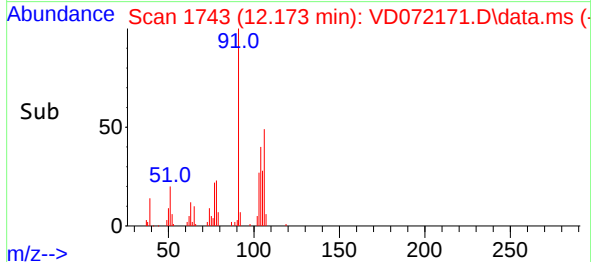
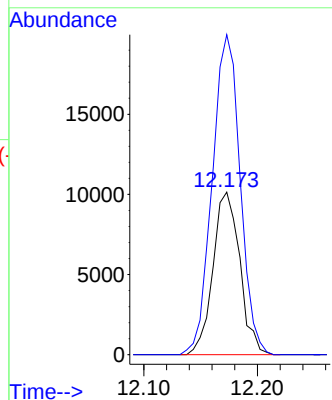
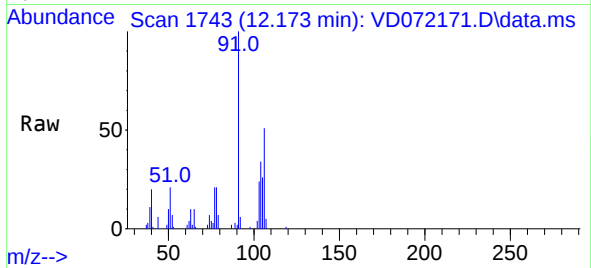




#69
o-Xylene
Concen: 2.414 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

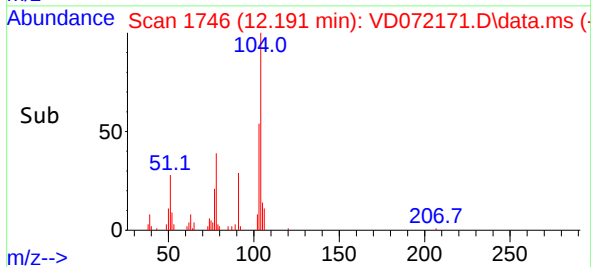
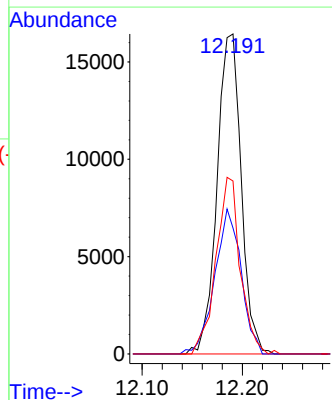
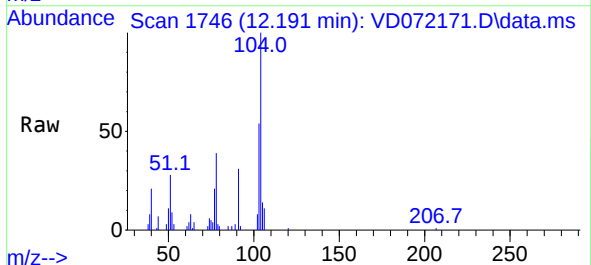
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

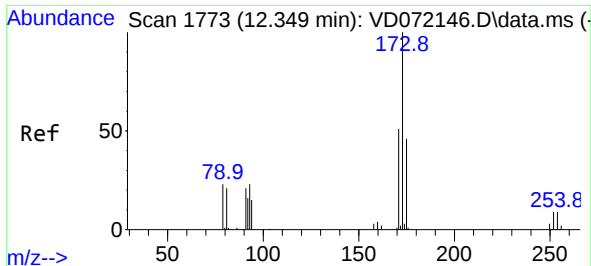
Tgt Ion:106 Resp: 16667
Ion Ratio Lower Upper
106 100
91 204.8 110.4 331.2



#70
Styrene
Concen: 2.282 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:104 Resp: 27517
Ion Ratio Lower Upper
104 100
78 49.5 41.8 62.8
103 55.7 44.2 66.4

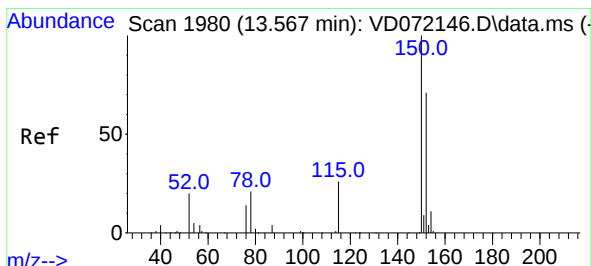
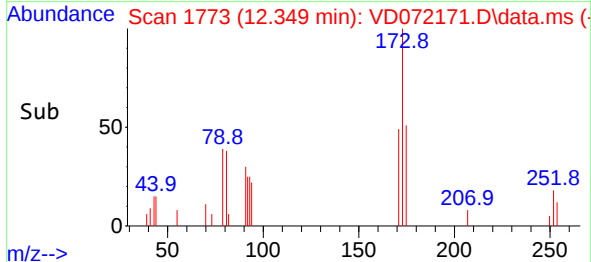
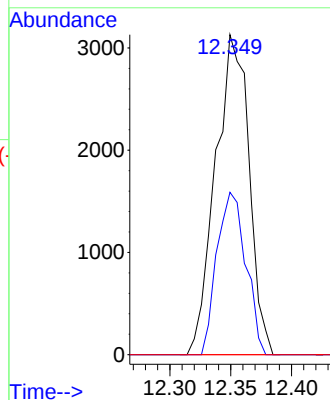
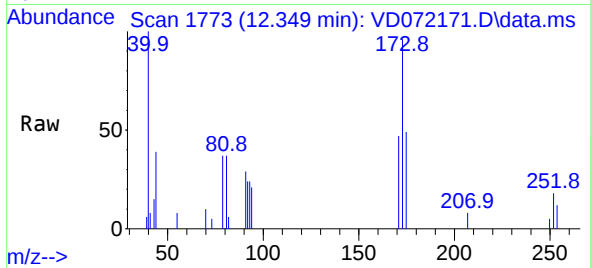




#71
Bromoform
Concen: 2.664 ug/l
RT: 12.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

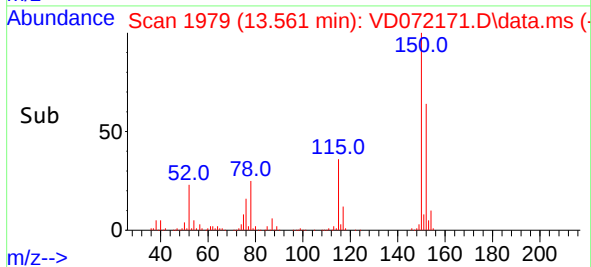
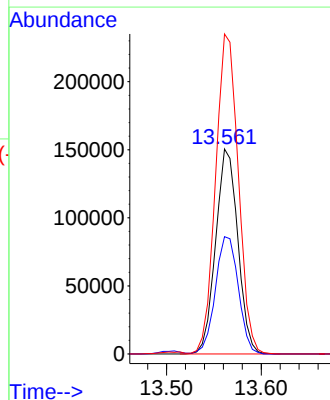
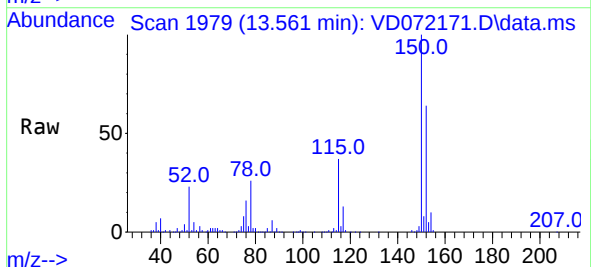
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

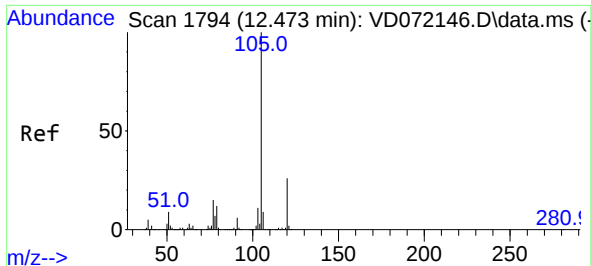
Tgt Ion:173 Resp: 5991
Ion Ratio Lower Upper
173 100
175 43.8 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:152 Resp: 245146
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 160.2 0.0 348.6

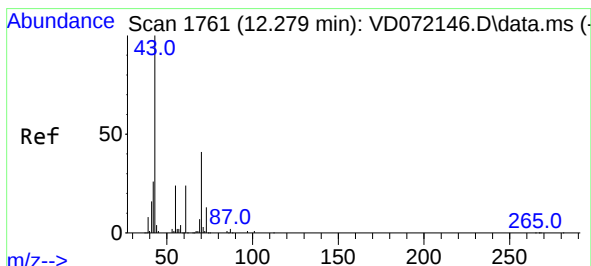
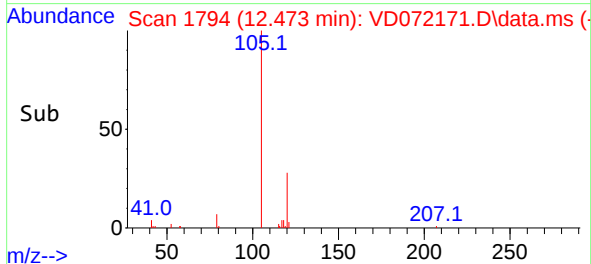
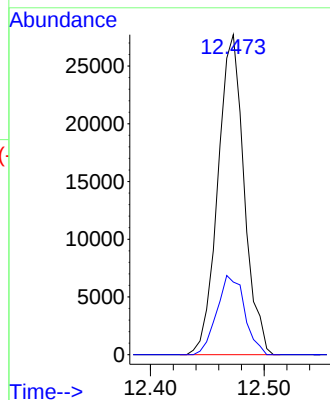
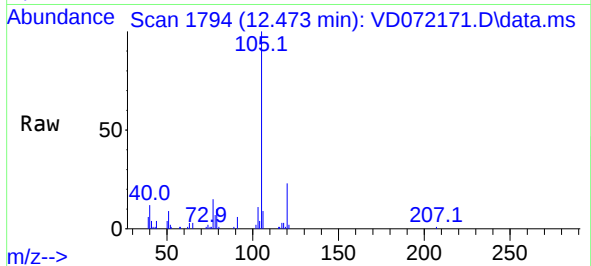




#73
Isopropylbenzene
Concen: 2.293 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

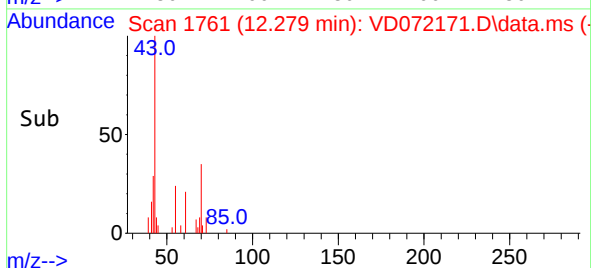
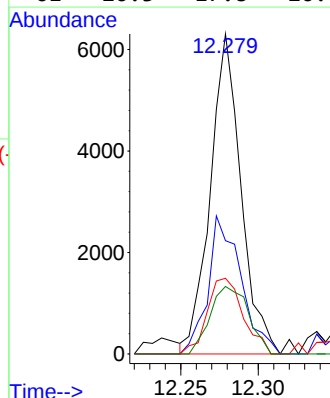
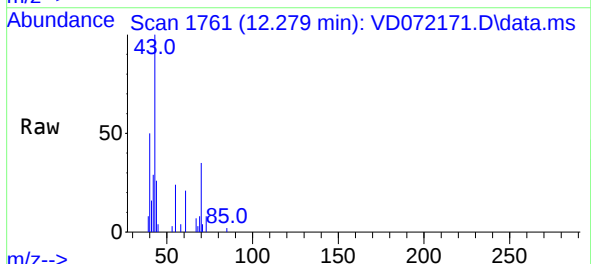
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

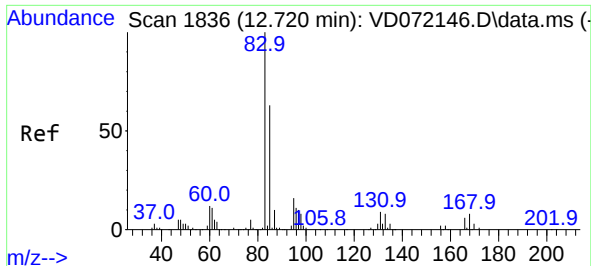
Tgt Ion:105 Resp: 44540
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 2.083 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 43 Resp: 8696
Ion Ratio Lower Upper
43 100
70 46.1 31.3 46.9
55 27.7 20.0 30.0
61 26.3 17.8 26.8

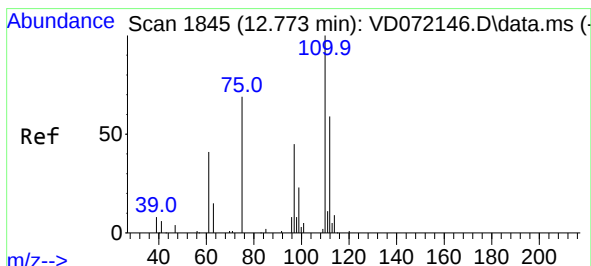
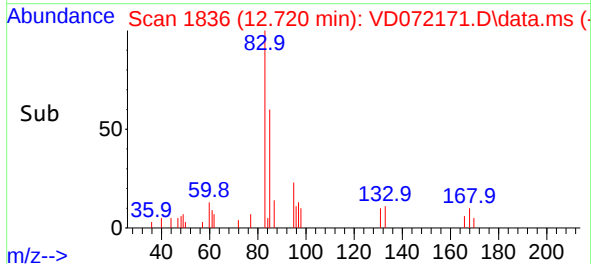
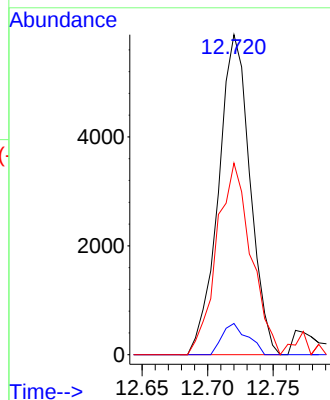
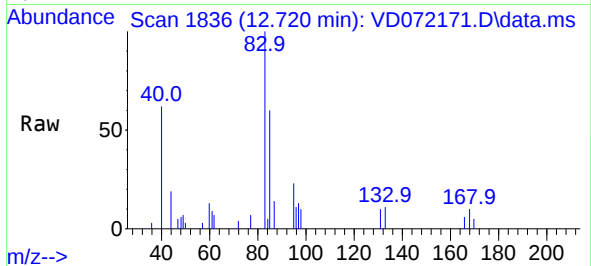




#75
1,1,2,2-Tetrachloroethane
Concen: 2.833 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

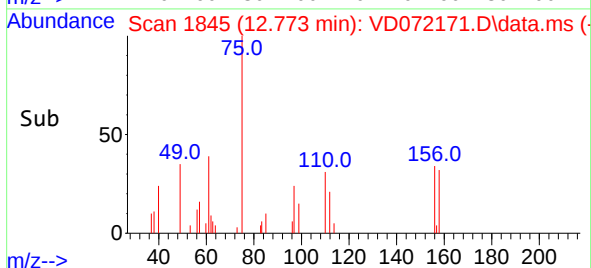
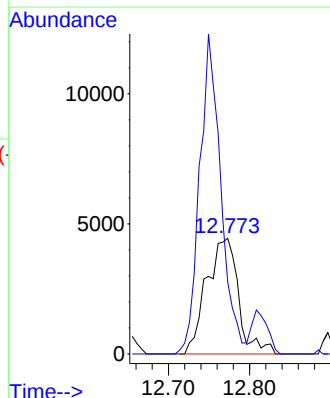
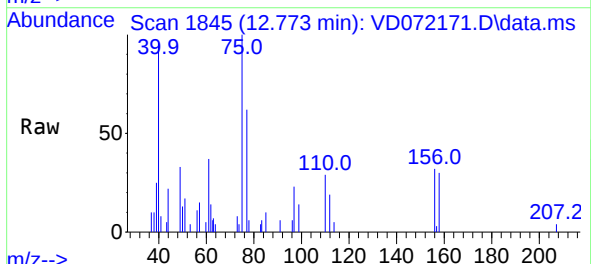
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

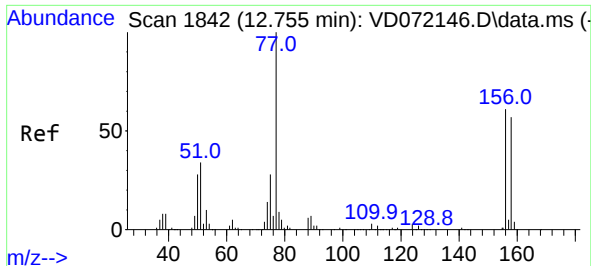
Tgt Ion: 83 Resp: 9843
Ion Ratio Lower Upper
83 100
131 7.8 5.0 14.9
85 65.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 4.481 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 75 Resp: 12118
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

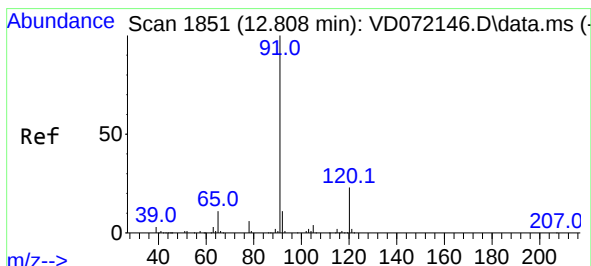
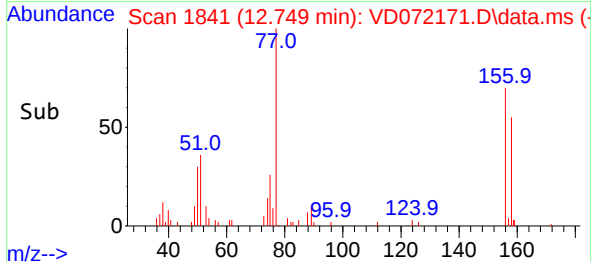
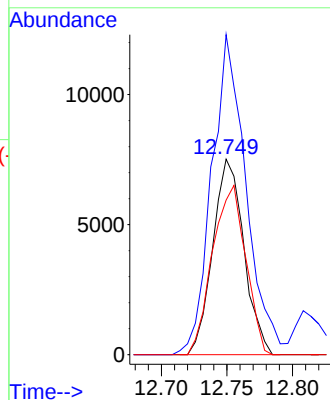
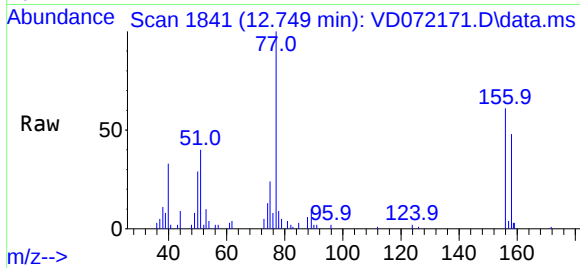




#77
Bromobenzene
Concen: 2.833 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

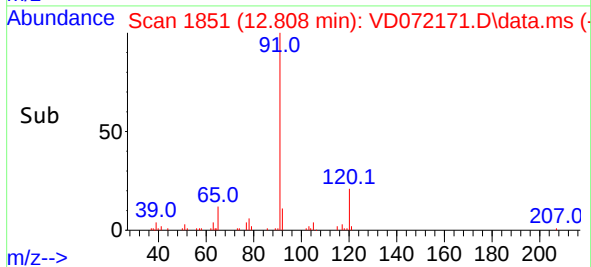
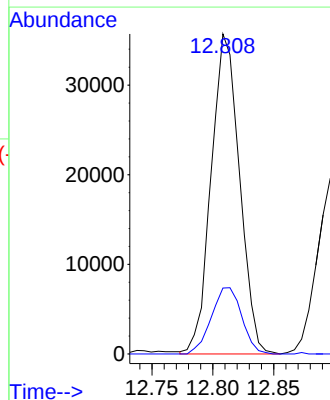
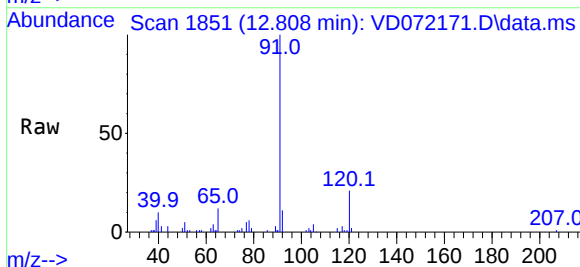
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

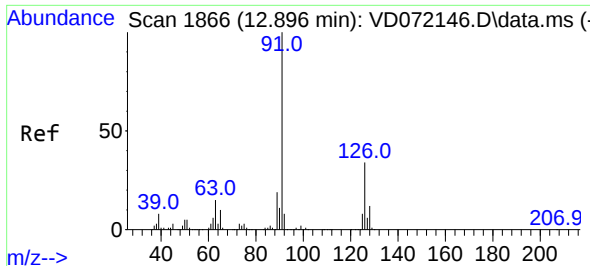
Tgt Ion:156 Resp: 12385
Ion Ratio Lower Upper
156 100
77 179.7 102.8 308.3
158 92.5 48.7 146.1



#78
n-propylbenzene
Concen: 2.457 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 91 Resp: 57968
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9

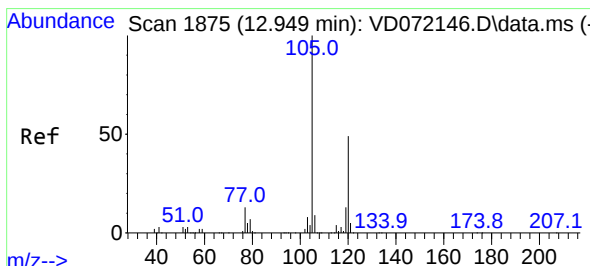
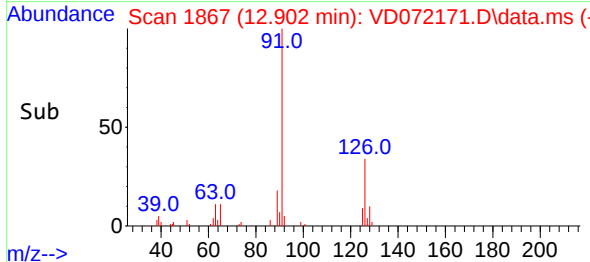
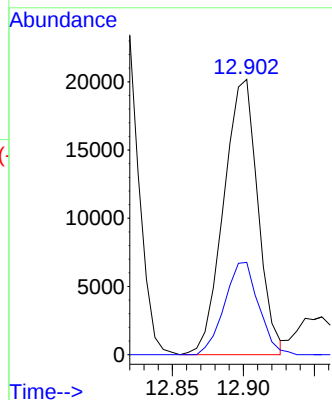
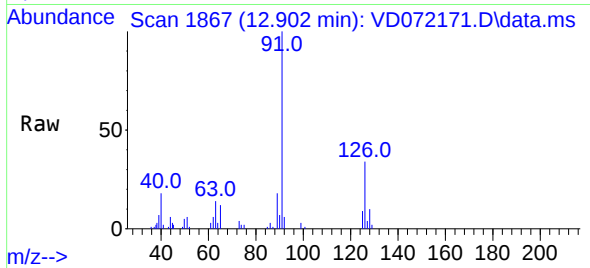




#79
2-Chlorotoluene
Concen: 2.478 ug/l
RT: 12.902 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

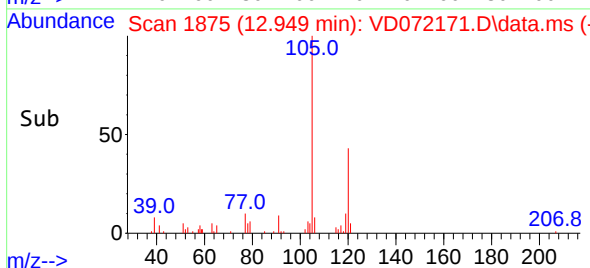
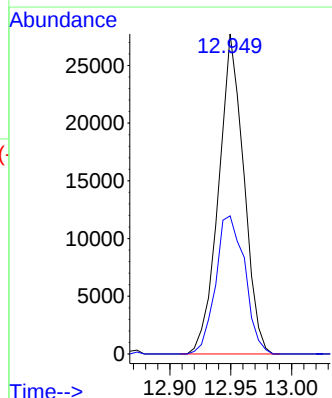
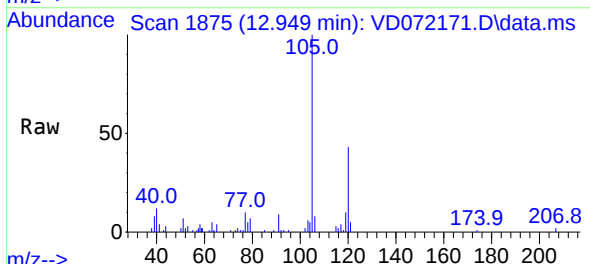
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

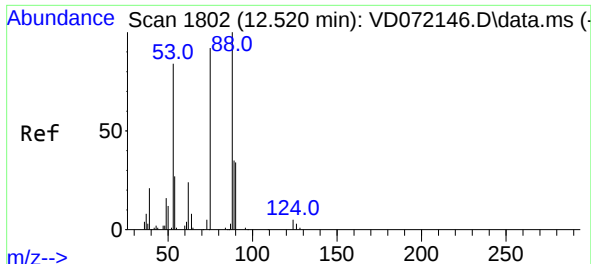
Tgt Ion: 91 Resp: 33810
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 2.391 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 105 Resp: 39902
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.8

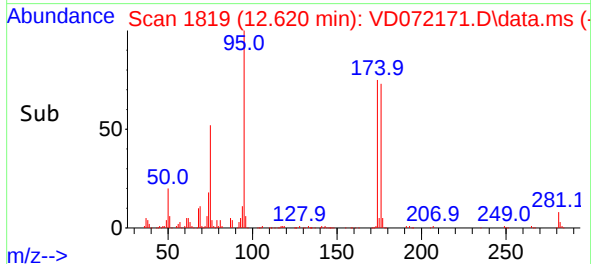
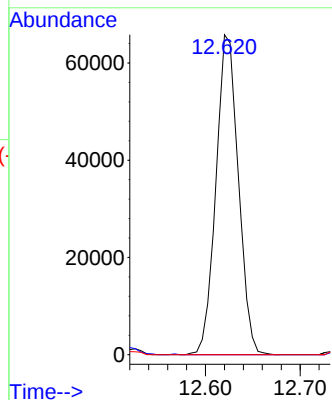
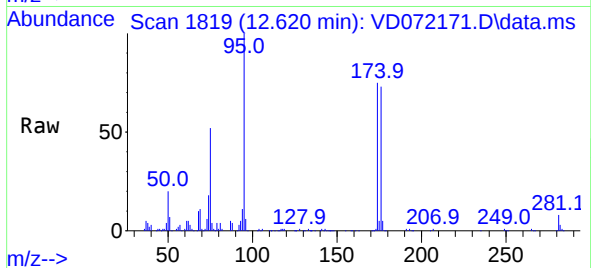




#81
trans-1,4-Dichloro-2-butene
Concen: 99.359 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

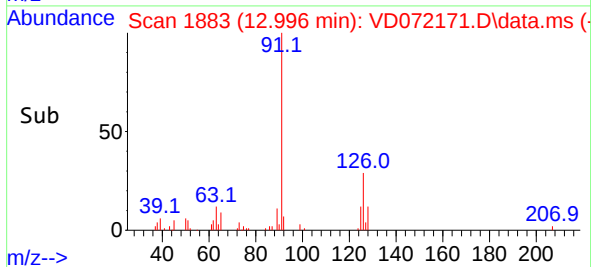
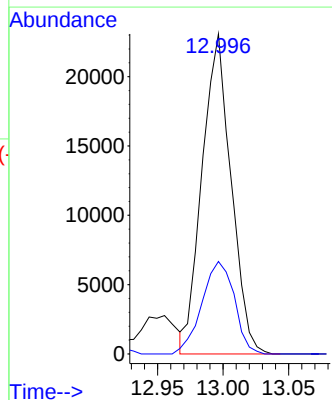
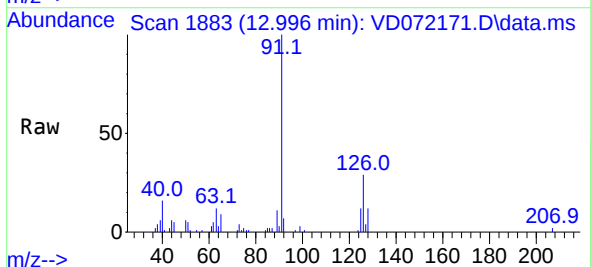
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

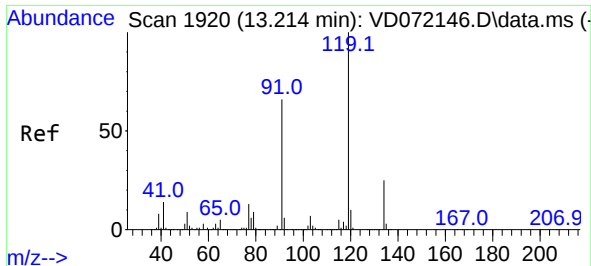
Tgt Ion: 75 Resp: 108292
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#82
4-Chlorotoluene
Concen: 2.514 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion: 91 Resp: 35512
Ion Ratio Lower Upper
91 100
126 32.3 16.5 49.5

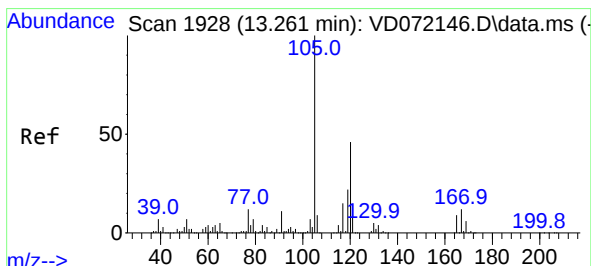
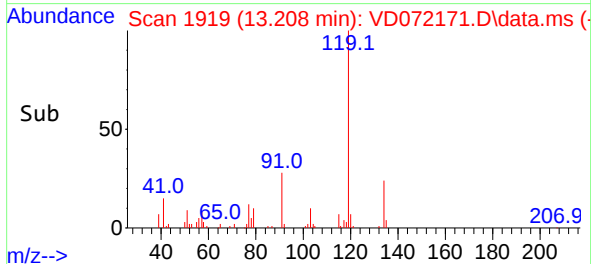
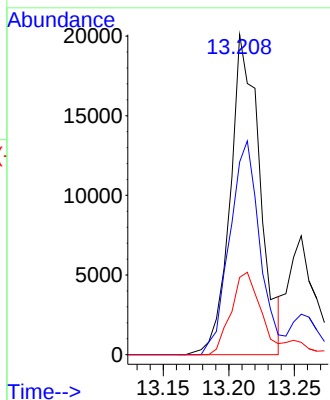
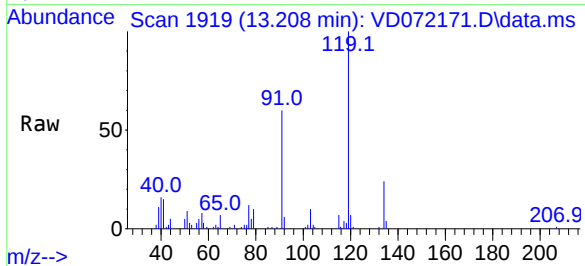




#83
tert-Butylbenzene
Concen: 2.155 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

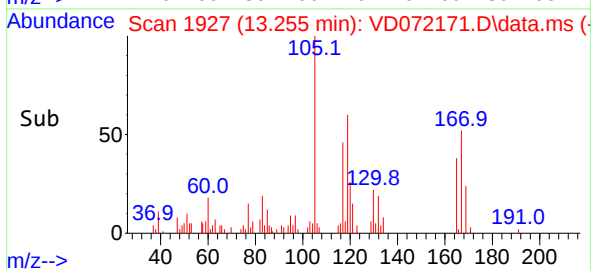
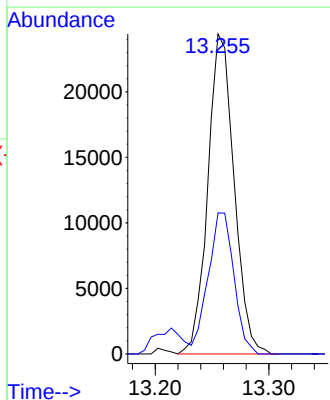
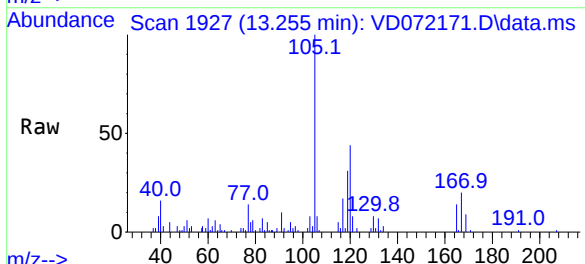
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

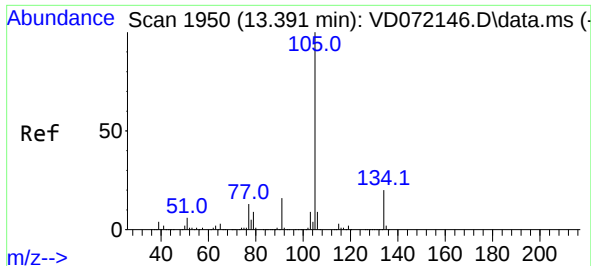
Tgt Ion:119 Resp: 31530
Ion Ratio Lower Upper
119 100
91 68.9 34.8 104.5
134 25.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 2.385 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:105 Resp: 39219
Ion Ratio Lower Upper
105 100
120 43.2 22.3 66.8

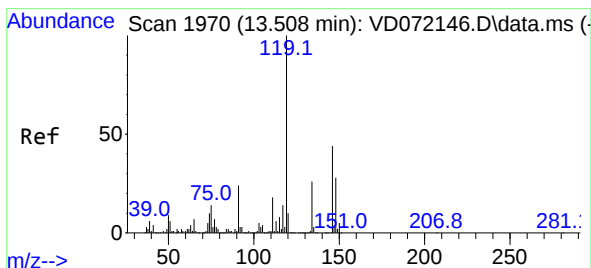
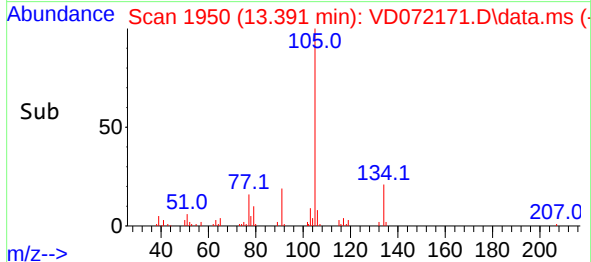
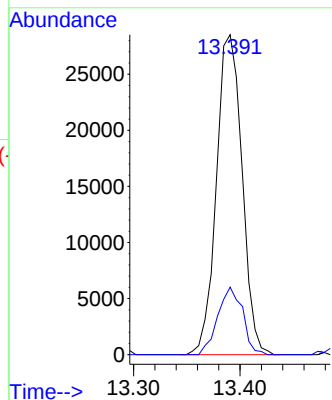
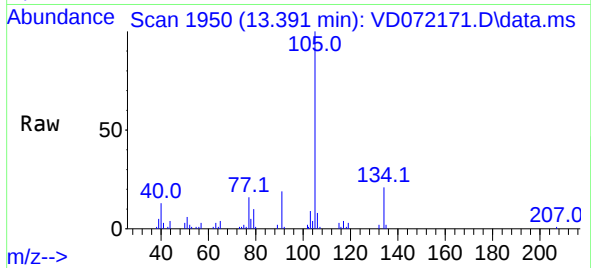




#85
sec-Butylbenzene
Concen: 2.171 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

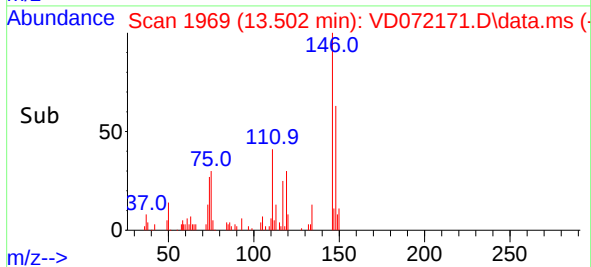
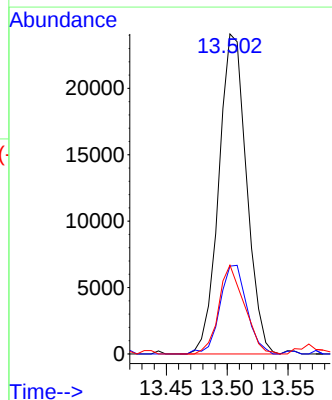
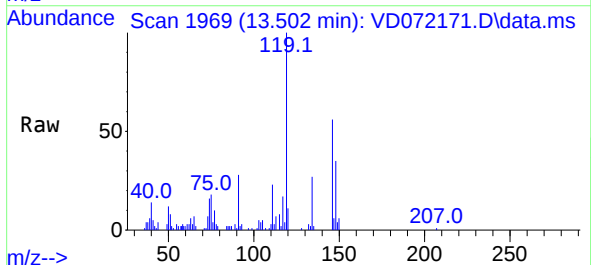
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

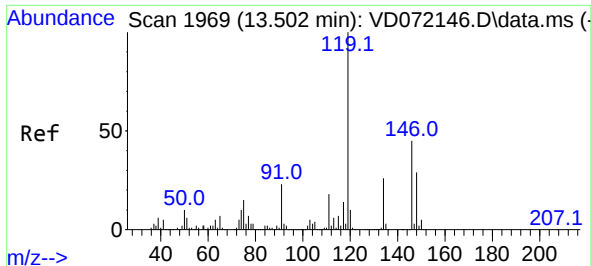
Tgt Ion:105 Resp: 47697
Ion Ratio Lower Upper
105 100
134 20.4 9.8 29.3



#86
p-Isopropyltoluene
Concen: 2.110 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:119 Resp: 38155
Ion Ratio Lower Upper
119 100
134 26.8 12.9 38.6
91 25.7 12.1 36.3

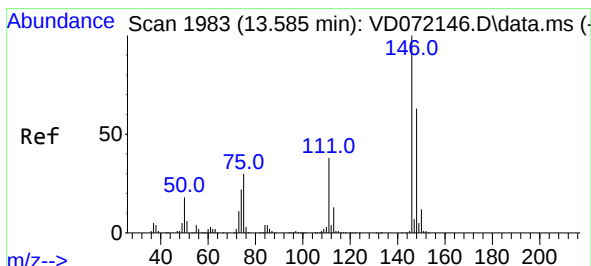
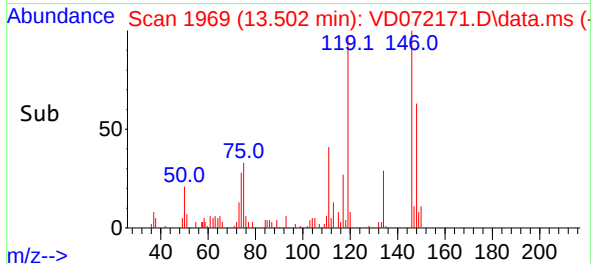
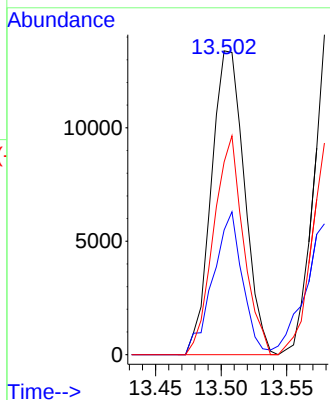
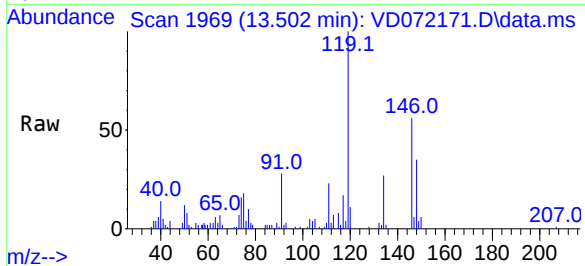




#87
1,3-Dichlorobenzene
Concen: 2.564 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

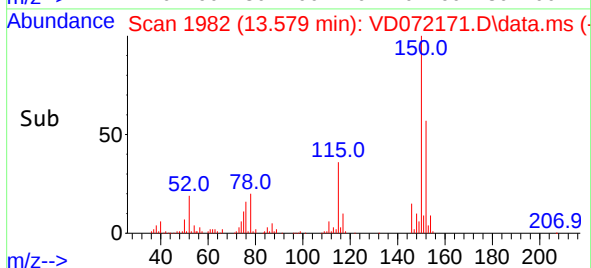
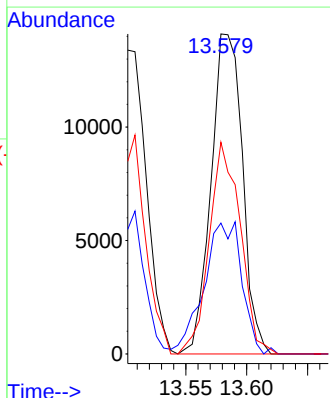
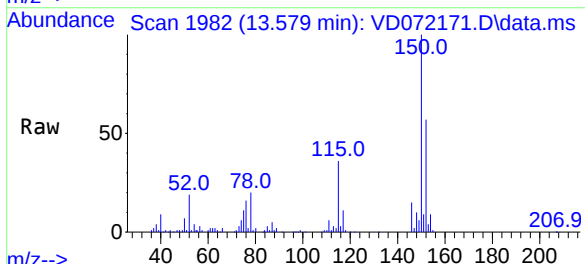
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

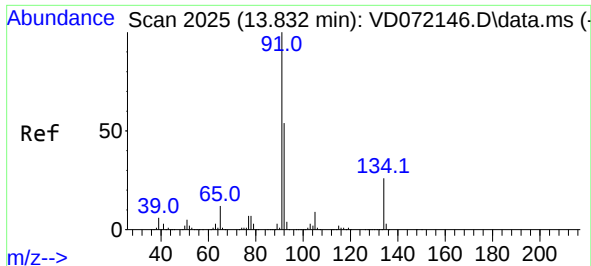
Tgt Ion:	146	Resp:	23495
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.3
148	65.3	31.9	95.7



#88
1,4-Dichlorobenzene
Concen: 2.787 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:	146	Resp:	25326
Ion	Ratio	Lower	Upper
146	100		
111	49.9	20.3	60.9
148	65.5	31.7	95.1

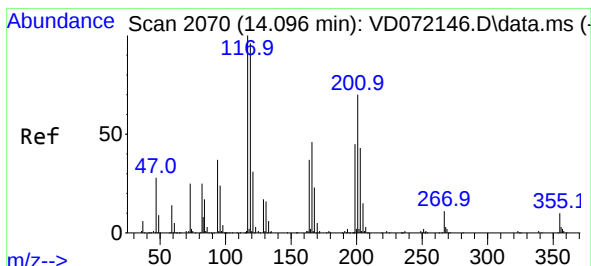
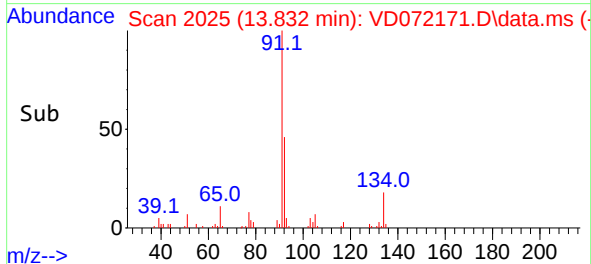
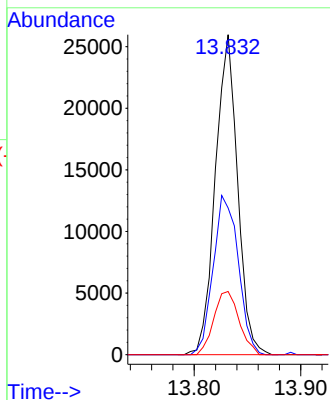
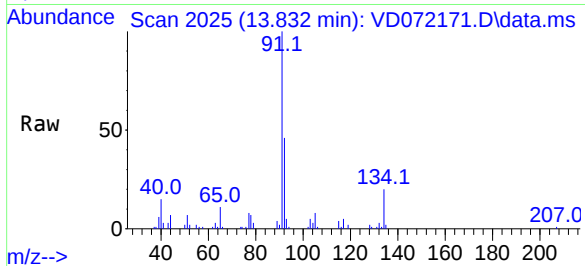




#89
n-Butylbenzene
Concen: 2.180 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

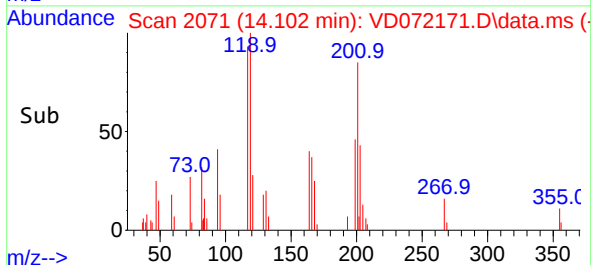
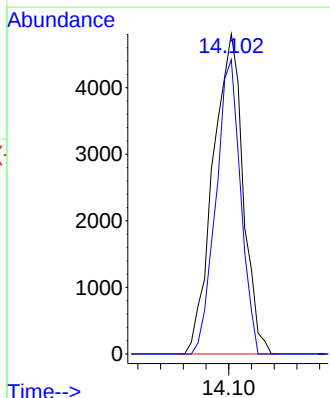
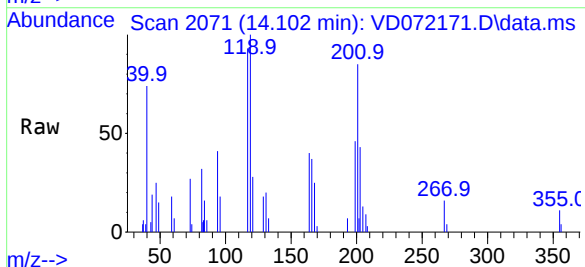
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

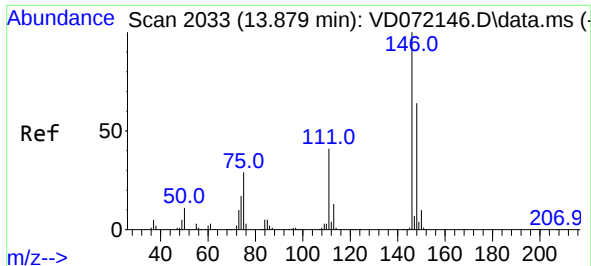
Tgt Ion:	91	Resp:	37563
Ion	Ratio	Lower	Upper
91	100		
92	56.1	26.6	79.8
134	22.5	12.3	36.9



#90
Hexachloroethane
Concen: 2.493 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:	117	Resp:	8836
Ion	Ratio	Lower	Upper
117	100		
201	75.3	33.4	100.2





#91

1,2-Dichlorobenzene

Concen: 2.596 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

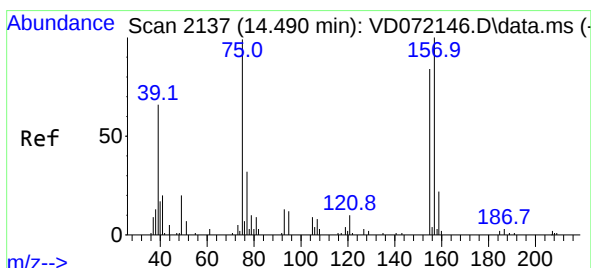
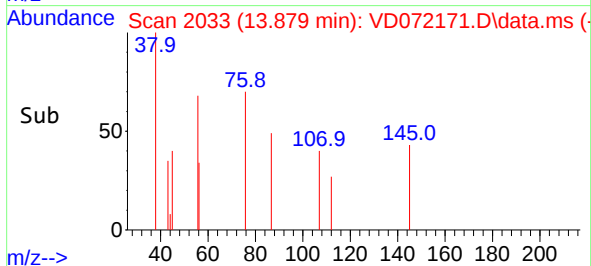
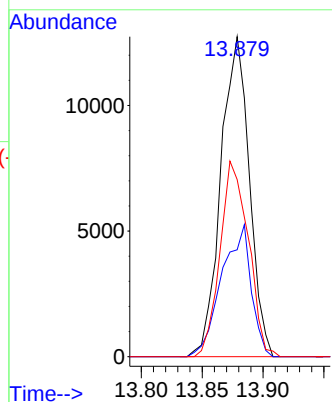
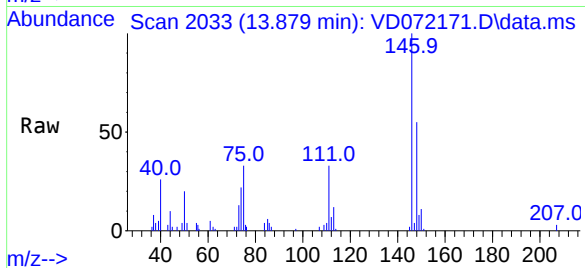
Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion:146	Resp:	20739
Ion	Ratio	Lower Upper
146	100	
111	42.5	21.1 63.3
148	60.8	31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.462 ug/l

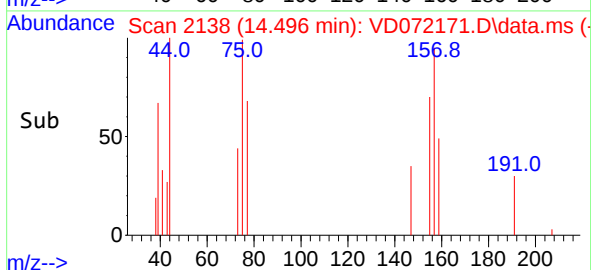
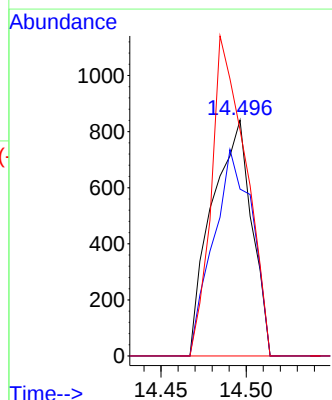
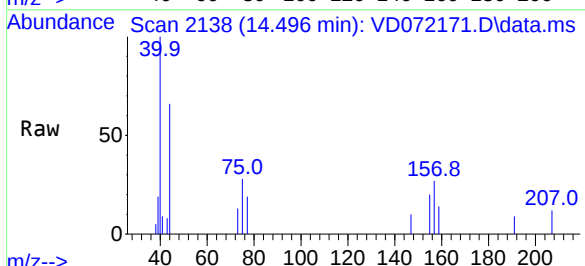
RT: 14.496 min Scan# 2138

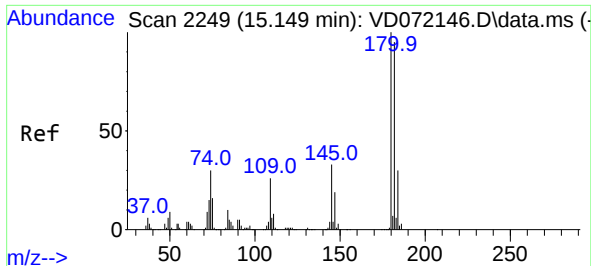
Delta R.T. 0.006 min

Lab File: VD072171.D

Acq: 14 Mar 2022 16:58

Tgt Ion: 75	Resp:	1365
Ion	Ratio	Lower Upper
75	100	
155	85.6	36.8 110.3
157	117.4	48.4 145.0

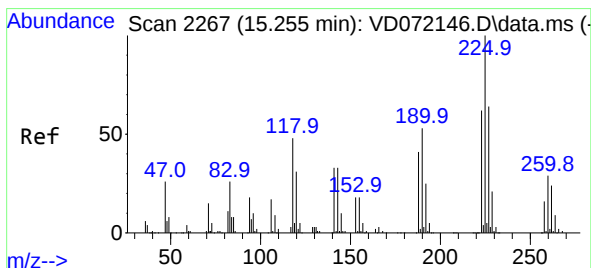
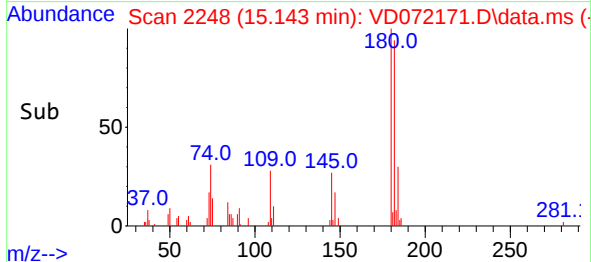
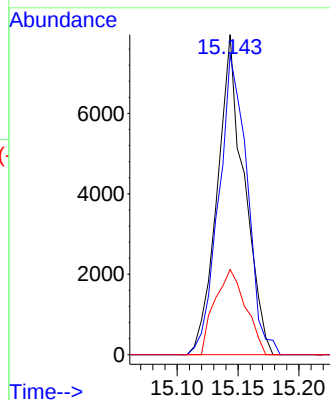
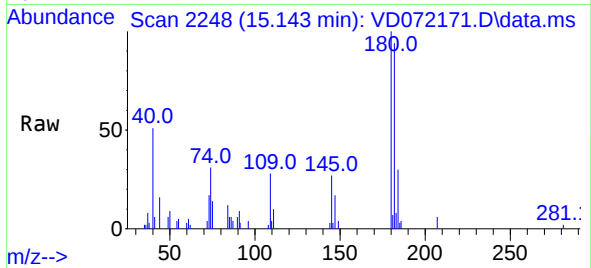




#93
1,2,4-Trichlorobenzene
Concen: 2.312 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

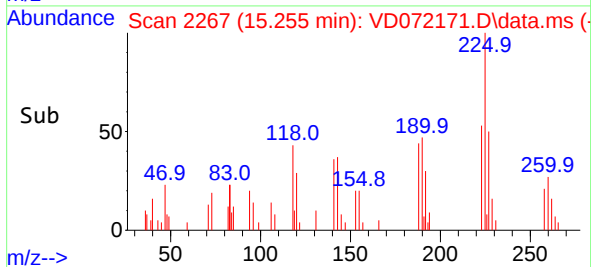
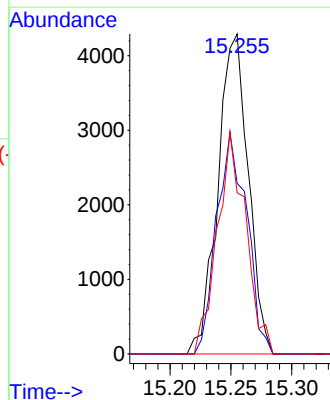
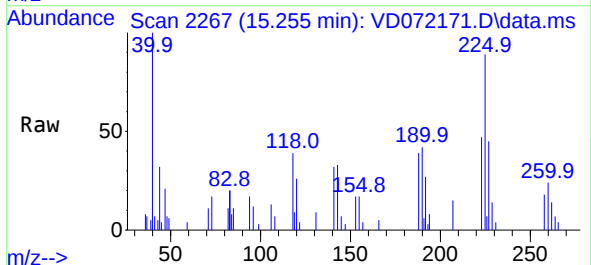
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:180 Resp: 12230
Ion Ratio Lower Upper
180 100
182 98.8 47.3 142.0
145 30.5 16.2 48.5



#94
Hexachlorobutadiene
Concen: 2.424 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:225 Resp: 7457
Ion Ratio Lower Upper
225 100
223 68.6 31.1 93.2
227 65.1 32.4 97.0

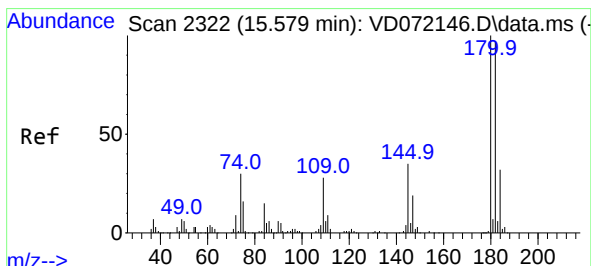
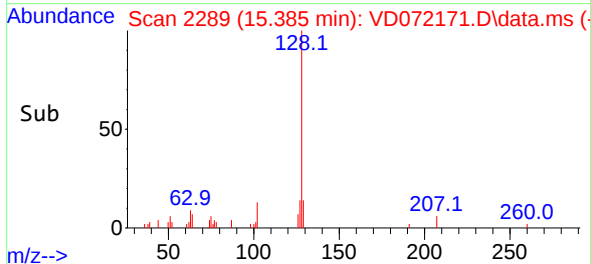
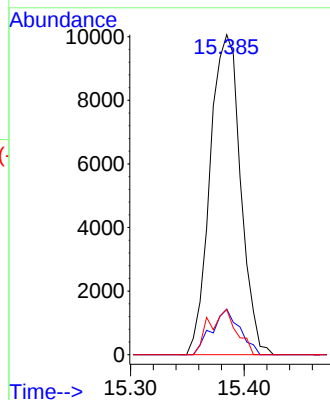
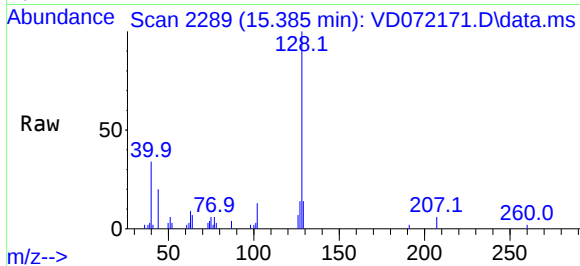




#95
Naphthalene
Concen: 2.055 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:128 Resp: 18741
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 12.8 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 2.422 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072171.D
Acq: 14 Mar 2022 16:58

Tgt Ion:180 Resp: 11091
Ion Ratio Lower Upper
180 100
182 89.7 47.6 142.9
145 38.1 17.1 51.3

