

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072172.D
 Acq On : 14 Mar 2022 17:25
 Operator : VA/SY
 Sample : N1645-03 4.0PPB
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 15 02:21:36 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	340025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	562636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	523338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	268847	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	211075	55.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.400%	
35) Dibromofluoromethane	7.914	113	211499	53.418	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.840%	
50) Toluene-d8	10.338	98	735944	50.834	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.620	95	273369	48.597	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	17802	5.660	ug/l	91
3) Chloromethane	2.209	50	21179	7.578	ug/l	94
4) Vinyl Chloride	2.350	62	16677	6.182	ug/l	98
5) Bromomethane	2.768	94	12644	7.198	ug/l	98
6) Chloroethane	2.920	64	10615	5.952	ug/l	89
7) Trichlorofluoromethane	3.273	101	32729	5.372	ug/l	99
8) Diethyl Ether	3.709	74	8125	4.829	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	19242	4.954	ug/l	98
10) Methyl Iodide	4.297	142	15269	4.915	ug/l	96
11) Tert butyl alcohol	5.232	59	4532	20.627	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	16106	5.154	ug/l	83
13) Acrolein	3.920	56	4352	22.198	ug/l	92
14) Allyl chloride	4.720	41	25122	4.598	ug/l	97
15) Acrylonitrile	5.420	53	18312	21.570	ug/l	98
16) Acetone	4.162	43	19343	23.510	ug/l #	84
17) Carbon Disulfide	4.409	76	51699	8.113	ug/l	99
18) Methyl Acetate	4.726	43	16639	8.252	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	34760	4.092	ug/l	93
20) Methylene Chloride	4.962	84	45902	9.282	ug/l #	86
21) trans-1,2-Dichloroethene	5.473	96	18535	5.362	ug/l	96
22) Diisopropyl ether	6.373	45	48607	3.900	ug/l	94
23) Vinyl Acetate	6.303	43	89285	14.038	ug/l	99
24) 1,1-Dichloroethane	6.267	63	33809	4.600	ug/l	96
25) 2-Butanone	7.214	43	22322	20.348	ug/l	95
26) 2,2-Dichloropropane	7.208	77	28142	4.244	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	20553	4.657	ug/l	94
28) Bromochloromethane	7.550	49	13574	4.587	ug/l #	89
29) Tetrahydrofuran	7.567	42	14166	21.961	ug/l	95
30) Chloroform	7.708	83	37310	4.765	ug/l	96
31) Cyclohexane	7.979	56	37456	6.327	ug/l #	73
32) 1,1,1-Trichloroethane	7.903	97	32015	4.604	ug/l	97
36) 1,1-Dichloropropene	8.108	75	27292	4.914	ug/l	97
37) Ethyl Acetate	7.303	43	11466	4.713	ug/l	96
38) Carbon Tetrachloride	8.091	117	29836	4.726	ug/l	88
39) Methylcyclohexane	9.350	83	29842	4.774	ug/l	98
40) Benzene	8.344	78	74380	4.694	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072172.D
 Acq On : 14 Mar 2022 17:25
 Operator : VA/SY
 Sample : N1645-03 4.0PPB
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 15 02:21:36 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)
41) Methacrylonitrile	7.526	41	5492	3.873	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	23676	4.925	ug/l	100
43) Isopropyl Acetate	8.450	43	19234	4.073	ug/l #	89
44) Trichloroethene	9.108	130	21962	4.937	ug/l	95
45) 1,2-Dichloropropane	9.379	63	17999	4.142	ug/l	99
46) Dibromomethane	9.467	93	9465	4.428	ug/l #	89
47) Bromodichloromethane	9.655	83	27120	4.352	ug/l	87
48) Methyl methacrylate	9.455	41	10325	4.579	ug/l	91
49) 1,4-Dioxane	9.455	88	2243	87.497	ug/l #	81
51) 4-Methyl-2-Pentanone	10.220	43	47186	19.024	ug/l	100
52) Toluene	10.402	92	48404	4.642	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	22892	4.021	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	27514	4.180	ug/l #	85
55) 1,1,2-Trichloroethane	10.797	97	13852	4.254	ug/l #	90
56) Ethyl methacrylate	10.655	69	15407	4.039	ug/l #	86
57) 1,3-Dichloropropane	10.944	76	23172	4.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	31260	18.227	ug/l	95
59) 2-Hexanone	10.979	43	30700	17.921	ug/l	100
60) Dibromochloromethane	11.132	129	18726	4.431	ug/l	96
61) 1,2-Dibromoethane	11.244	107	12972	4.408	ug/l	96
64) Tetrachloroethene	10.873	164	18369	4.982	ug/l	94
65) Chlorobenzene	11.667	112	51000	4.396	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	18376	4.005	ug/l	98
67) Ethyl Benzene	11.738	91	83832	4.046	ug/l	96
68) m/p-Xylenes	11.849	106	63720	8.098	ug/l	98
69) o-Xylene	12.173	106	28753	3.820	ug/l	100
70) Styrene	12.185	104	49079	3.734	ug/l	98
71) Bromoform	12.355	173	9749	3.978	ug/l #	88
73) Isopropylbenzene	12.473	105	77638	3.644	ug/l	100
74) N-amyl acetate	12.279	43	16492	3.602	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	15421	4.047	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	18747	6.321	ug/l #	100
77) Bromobenzene	12.749	156	20469	4.269	ug/l	93
78) n-propylbenzene	12.814	91	98351	3.801	ug/l	95
79) 2-Chlorotoluene	12.896	91	58077	3.881	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	69506	3.798	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	4320	3.614	ug/l	90
82) 4-Chlorotoluene	12.996	91	60955	3.934	ug/l	100
83) tert-Butylbenzene	13.214	119	55410	3.453	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	66944	3.712	ug/l	96
85) sec-Butylbenzene	13.390	105	86051	3.571	ug/l	100
86) p-Isopropyltoluene	13.508	119	68122	3.435	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	40156	3.996	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	41321	4.146	ug/l	94
89) n-Butylbenzene	13.832	91	65171	3.448	ug/l	99
90) Hexachloroethane	14.096	117	14556	3.745	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	34256	3.910	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	2464	4.052	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	19794	3.412	ug/l	98
94) Hexachlorobutadiene	15.255	225	12255	3.632	ug/l	95
95) Naphthalene	15.384	128	31284	3.129	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.579	180	18525	3.689	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
Data File : VD072172.D
Acq On : 14 Mar 2022 17:25
Operator : VA/SY
Sample : N1645-03 4.0PPB
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

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

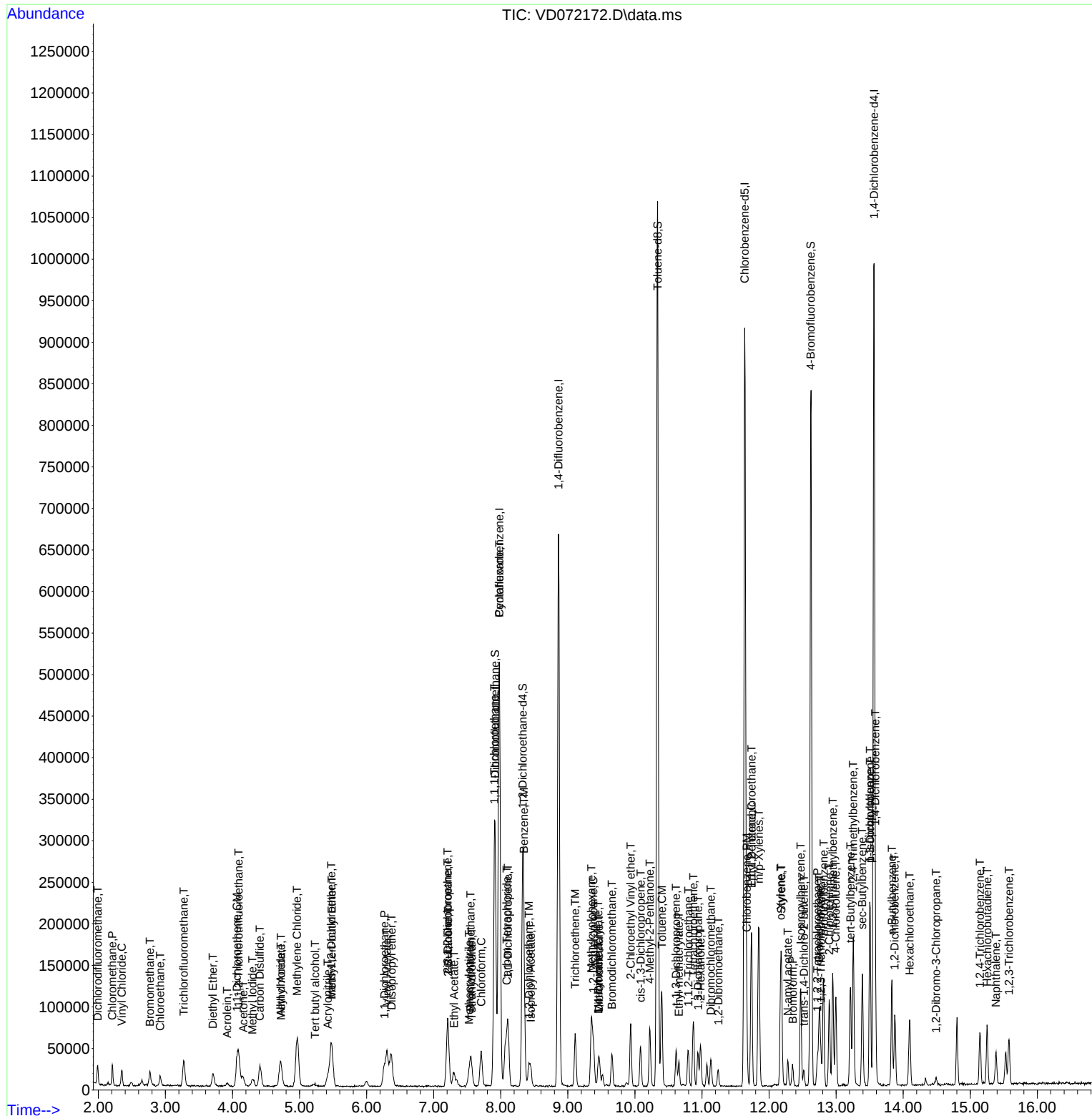
Quant Time: Mar 15 02:21:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 15 02:19:07 2022
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-OT1-2022

Quant Time: Mar 15 02:21:36 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

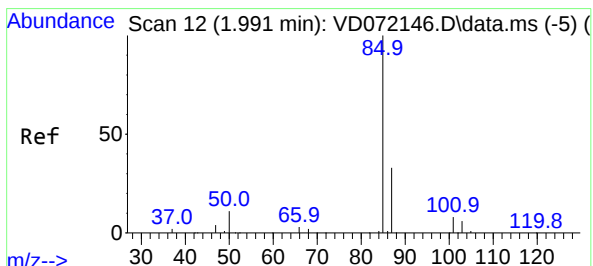
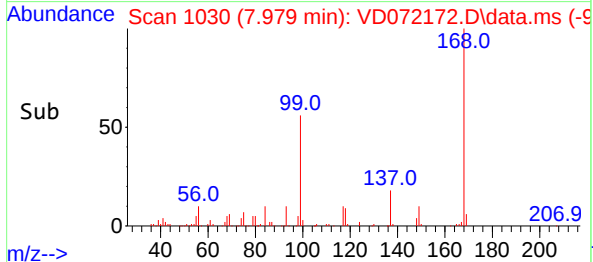
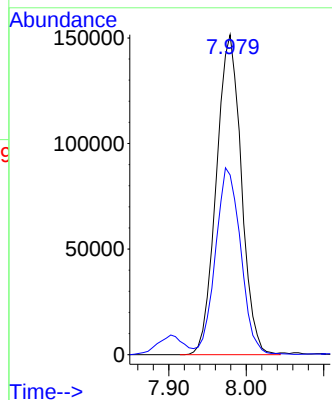
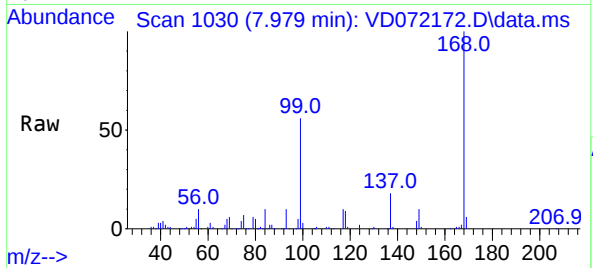




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

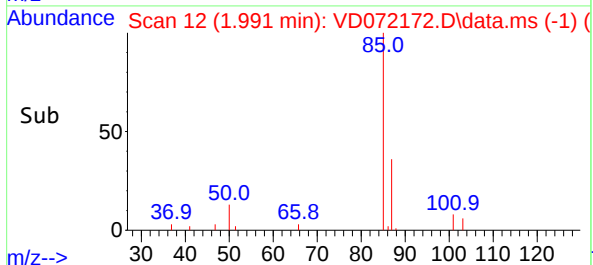
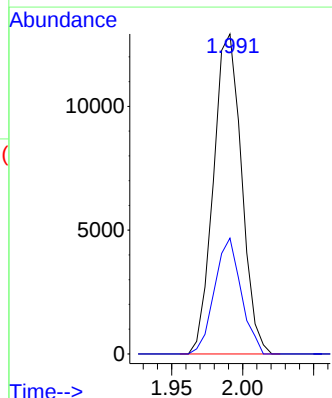
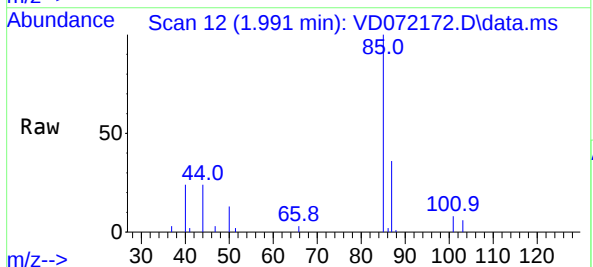
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

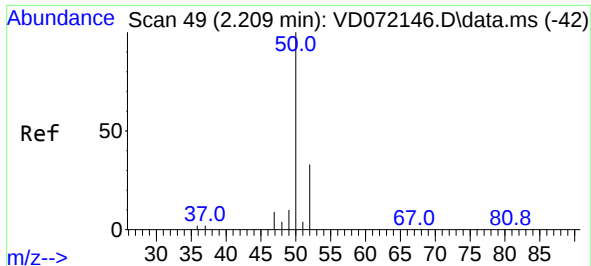
Tgt Ion:168 Resp: 340025
Ion Ratio Lower Upper
168 100
99 55.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 5.660 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 85 Resp: 17802
Ion Ratio Lower Upper
85 100
87 36.2 15.7 47.0

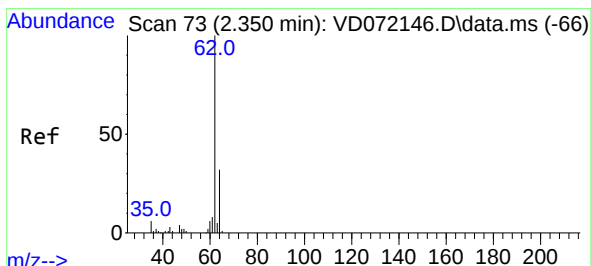
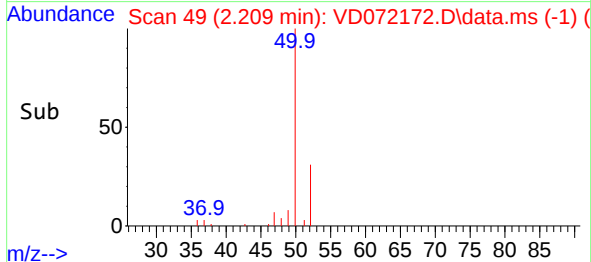
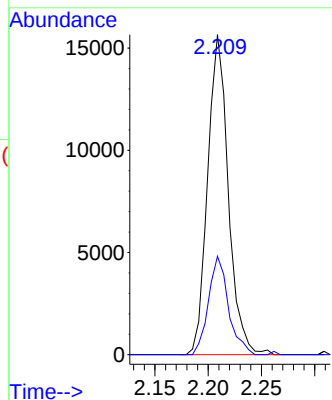
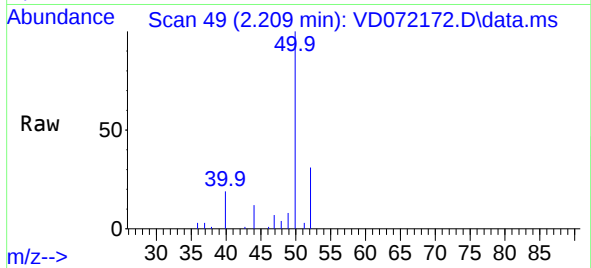




#3
Chloromethane
Concen: 7.578 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

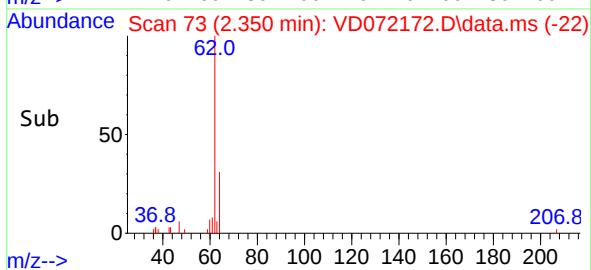
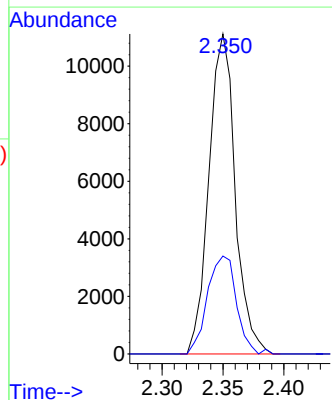
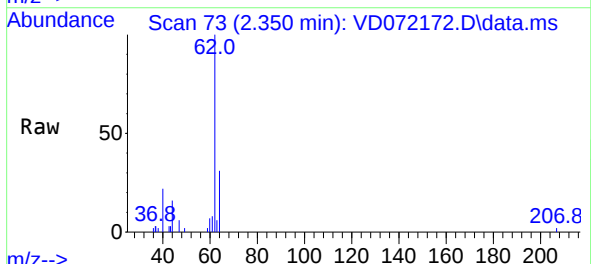
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

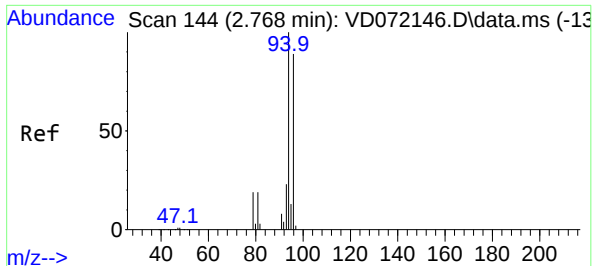
Tgt Ion: 50 Resp: 21179
Ion Ratio Lower Upper
50 100
52 30.8 27.4 41.0



#4
Vinyl Chloride
Concen: 6.182 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 62 Resp: 16677
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.0

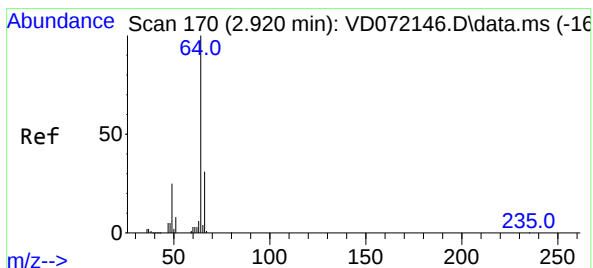
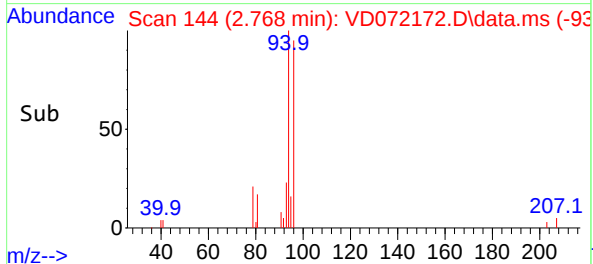
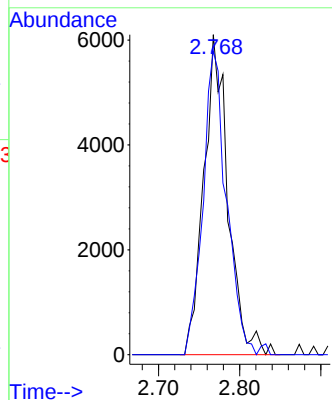
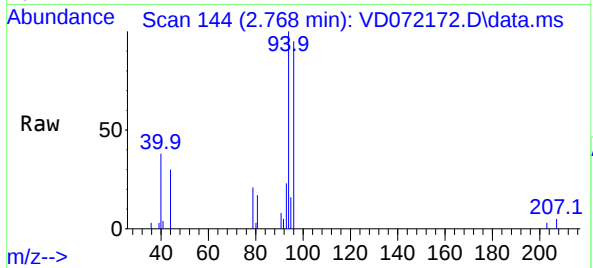




#5
Bromomethane
Concen: 7.198 ug/l
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

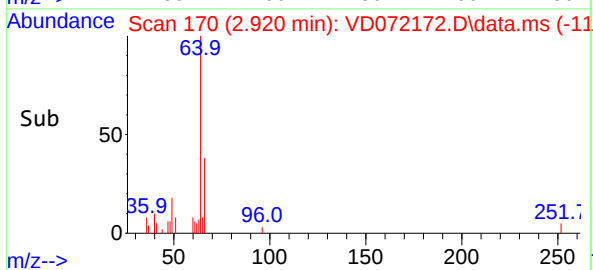
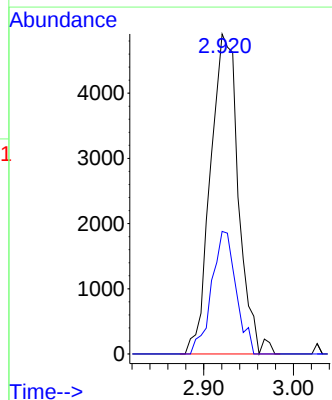
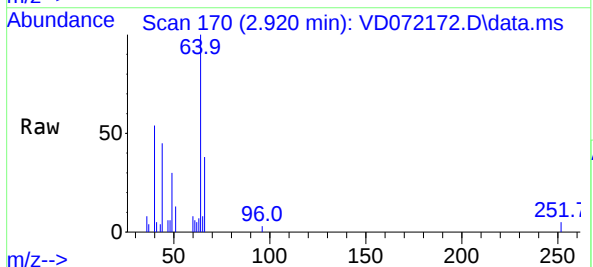
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

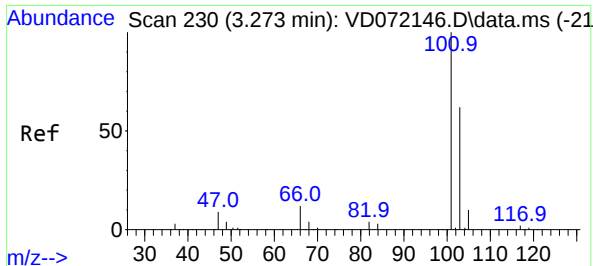
Tgt Ion: 94 Resp: 12644
Ion Ratio Lower Upper
94 100
96 94.9 77.6 116.4



#6
Chloroethane
Concen: 5.952 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 64 Resp: 10615
Ion Ratio Lower Upper
64 100
66 38.3 25.9 38.9

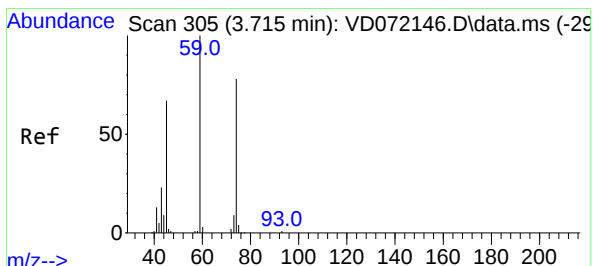
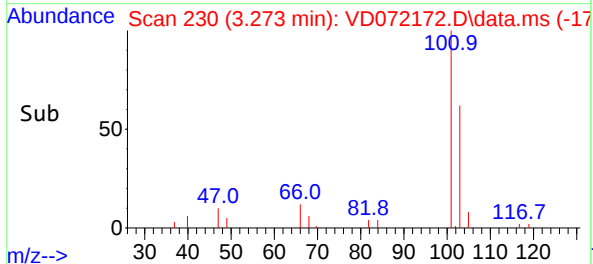
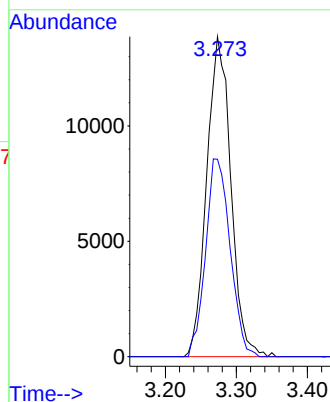
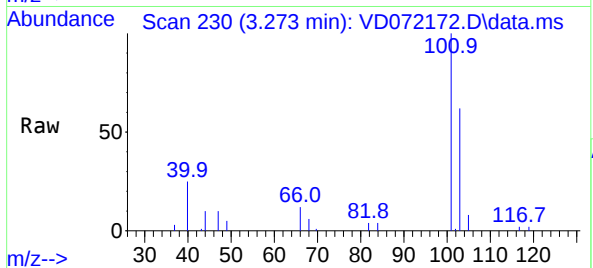




#7
Trichlorofluoromethane
Concen: 5.372 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

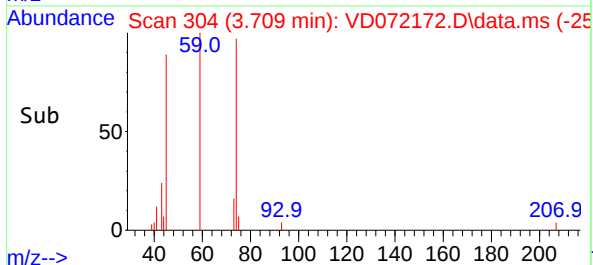
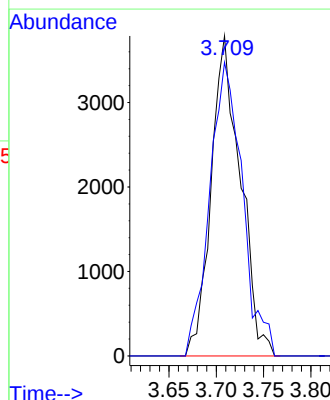
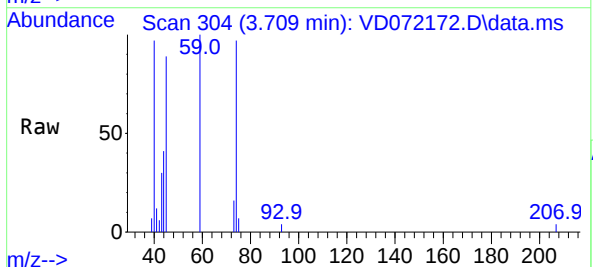
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

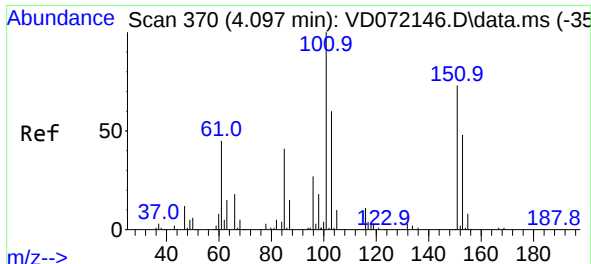
Tgt Ion:101 Resp: 32729
Ion Ratio Lower Upper
101 100
103 61.7 50.1 75.1



#8
Diethyl Ether
Concen: 4.829 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 74 Resp: 8125
Ion Ratio Lower Upper
74 100
45 103.0 52.6 157.8

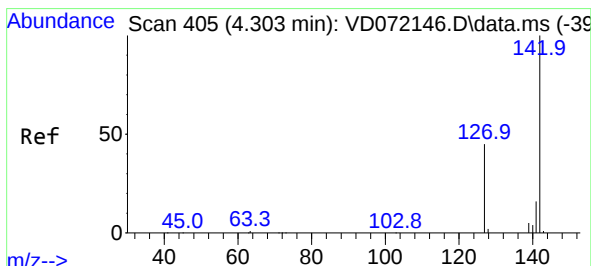
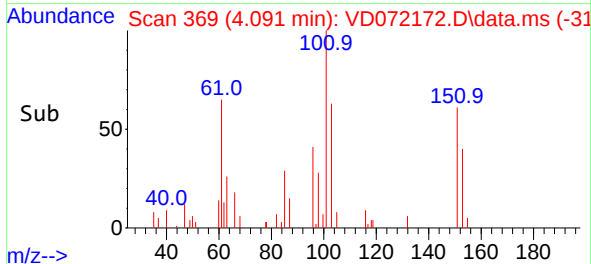
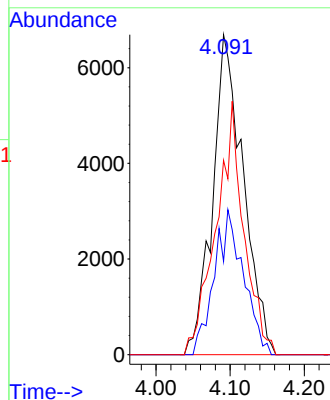
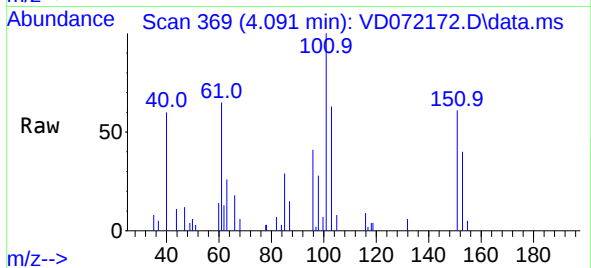




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.954 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

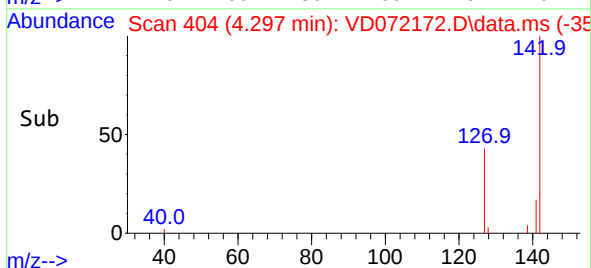
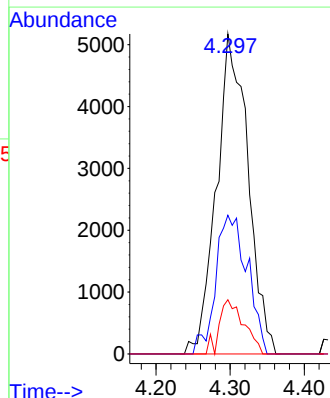
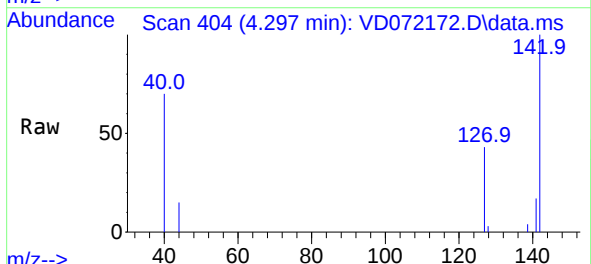
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:101 Resp: 19242
Ion Ratio Lower Upper
101 100
85 43.0 36.4 54.6
151 71.7 57.3 85.9



#10
Methyl Iodide
Concen: 4.915 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:142 Resp: 15269
Ion Ratio Lower Upper
142 100
127 43.6 37.3 55.9
141 13.2 11.7 17.5





#11

Tert butyl alcohol

Concen: 20.627 ug/l

RT: 5.232 min Scan# 5

Delta R.T. 0.023 min

Lab File: VD072172.D

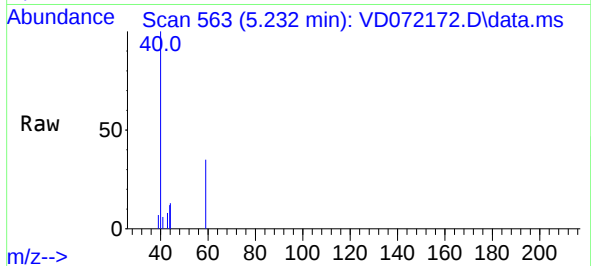
Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

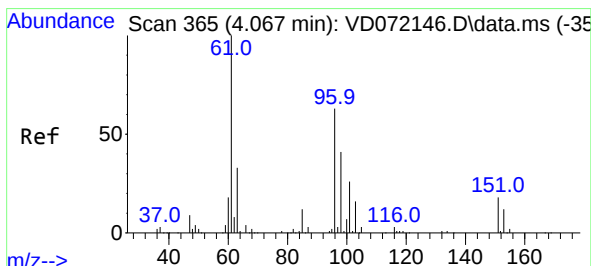
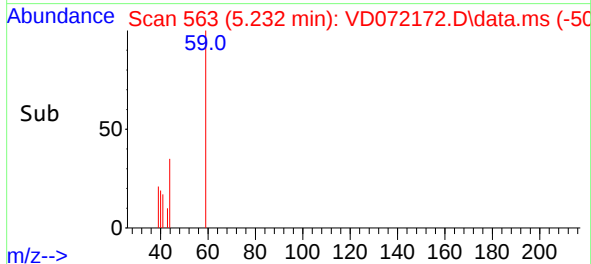
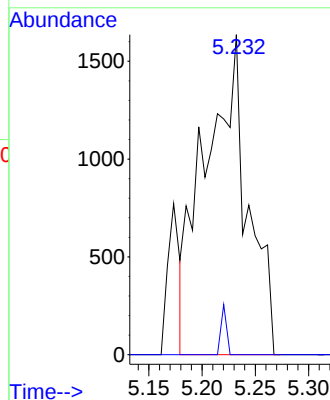


Tgt Ion: 59 Resp: 4532

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 5.154 ug/l

RT: 4.067 min Scan# 365

Delta R.T. -0.000 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

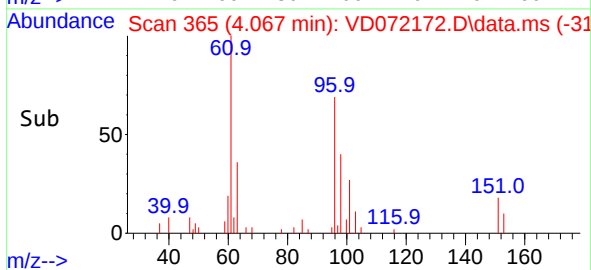
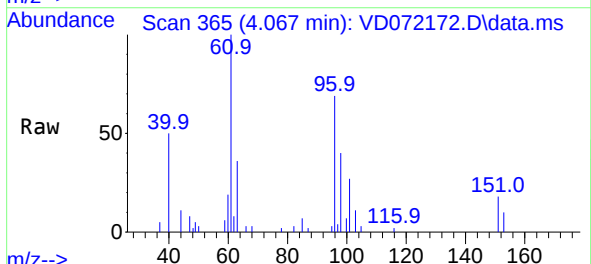
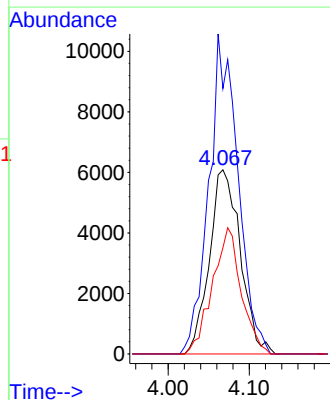
Tgt Ion: 96 Resp: 16106

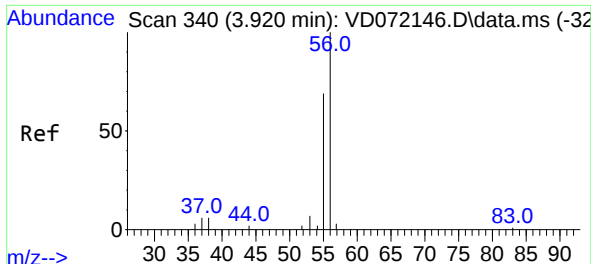
Ion Ratio Lower Upper

96 100

61 144.1 138.5 207.7

98 57.7 48.6 73.0

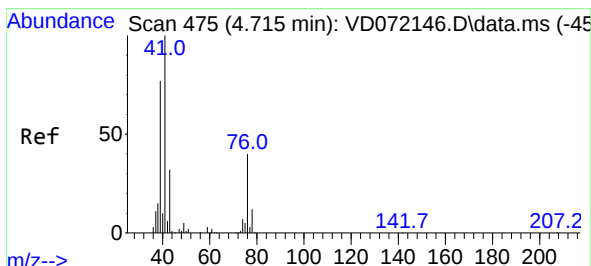
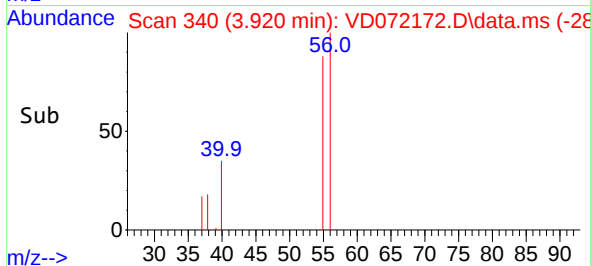
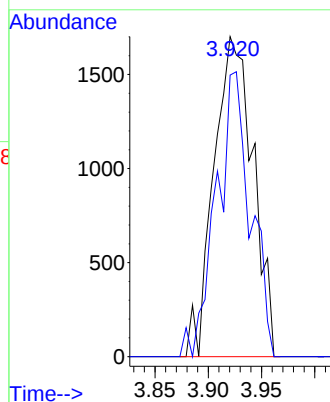
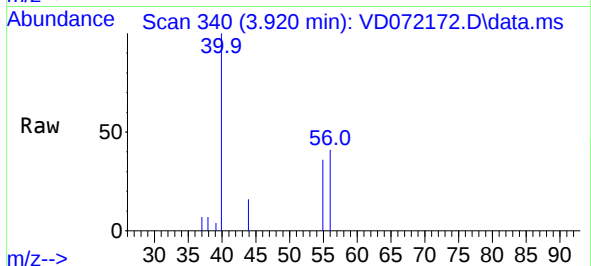




#13
Acrolein
Concen: 22.198 ug/l
RT: 3.920 min Scan# 34
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

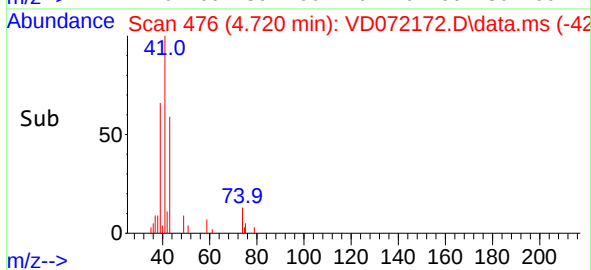
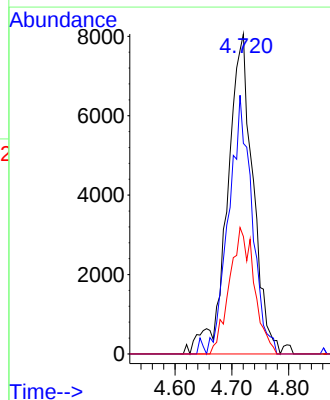
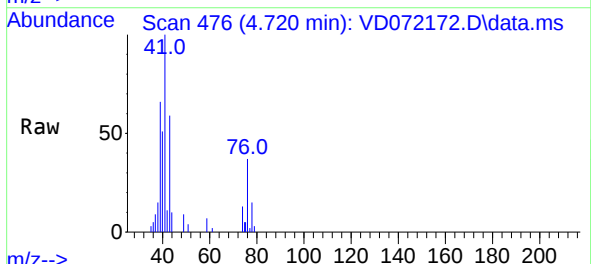
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

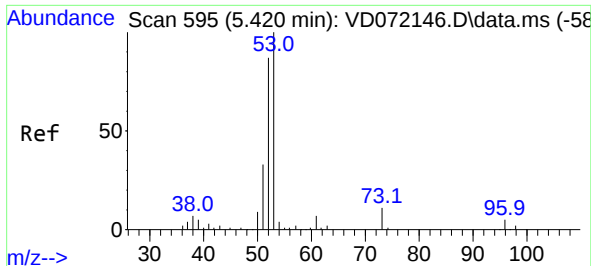
Tgt Ion: 56 Resp: 4352
Ion Ratio Lower Upper
56 100
55 77.7 57.1 85.7



#14
Allyl chloride
Concen: 4.598 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 41 Resp: 25122
Ion Ratio Lower Upper
41 100
39 74.0 59.3 88.9
76 38.3 25.7 38.5

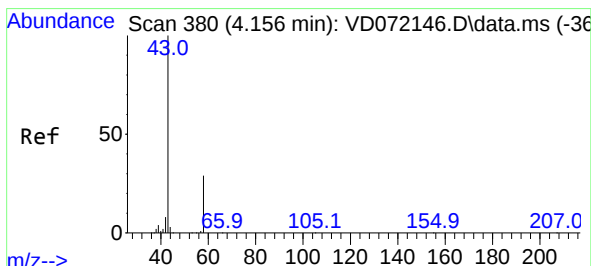
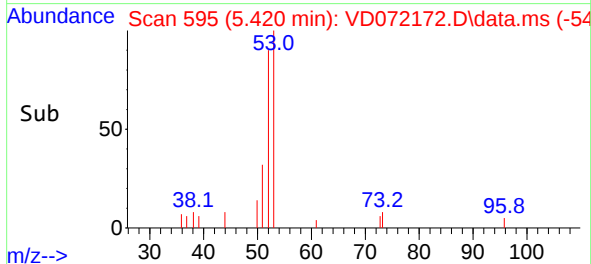
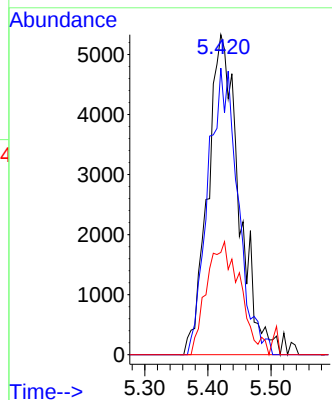
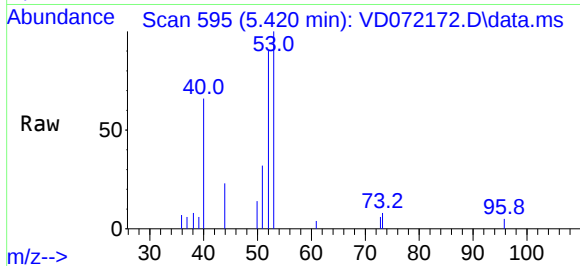




#15
Acrylonitrile
Concen: 21.570 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

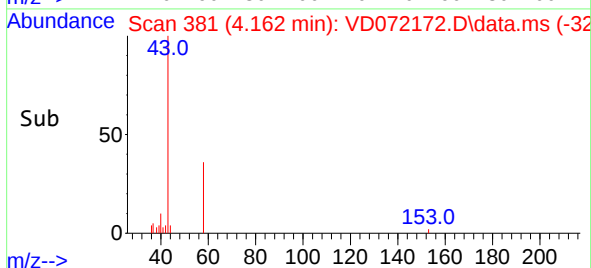
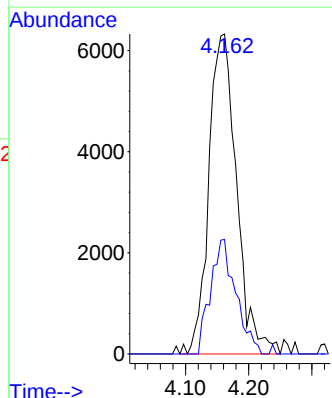
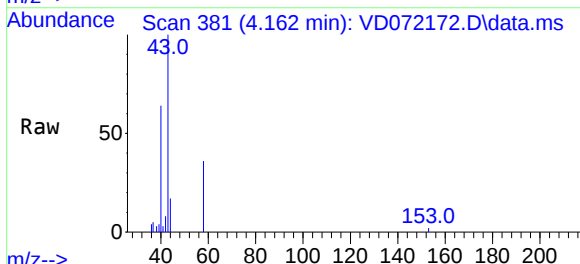
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

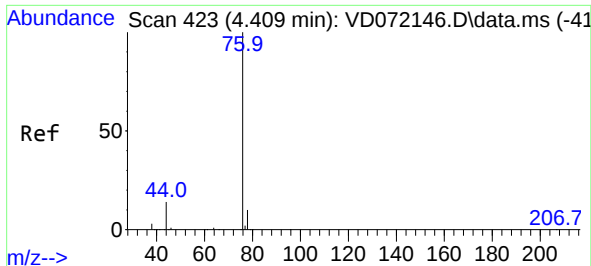
Tgt Ion:	53	Resp:	18312
Ion	Ratio	Lower	Upper
53	100		
52	86.3	67.2	100.8
51	37.9	30.3	45.5



#16
Acetone
Concen: 23.510 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:	43	Resp:	19343
Ion	Ratio	Lower	Upper
43	100		
58	35.8	22.1	33.1#

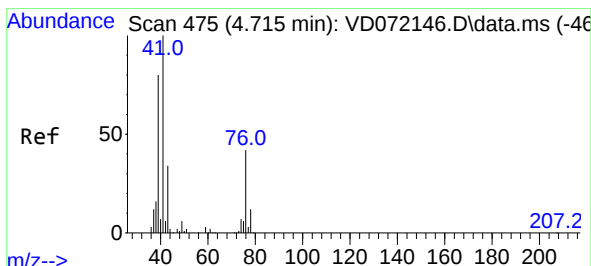
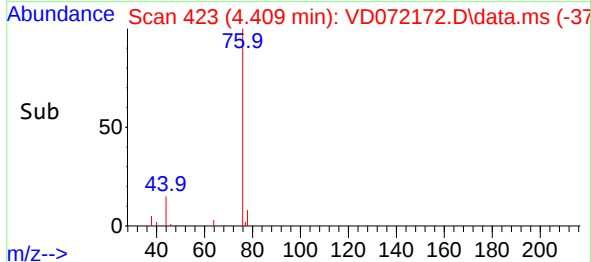
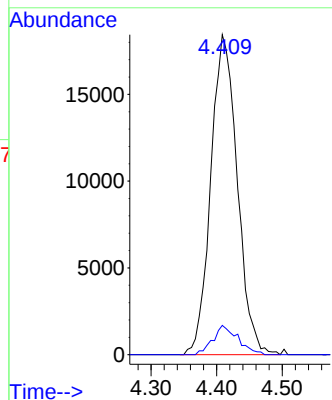
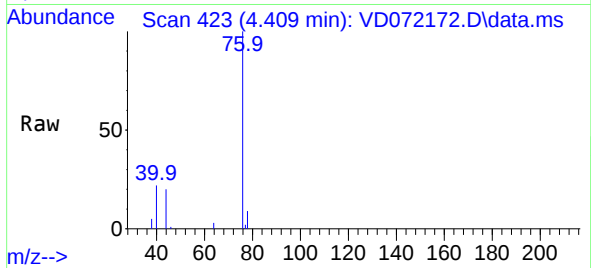




#17
Carbon Disulfide
Concen: 8.113 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

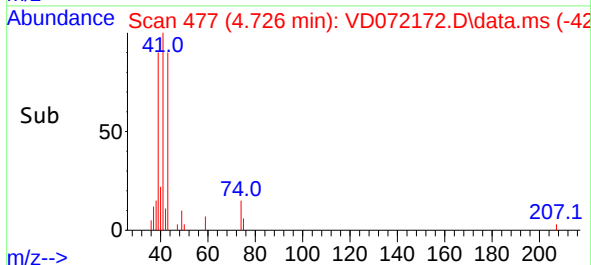
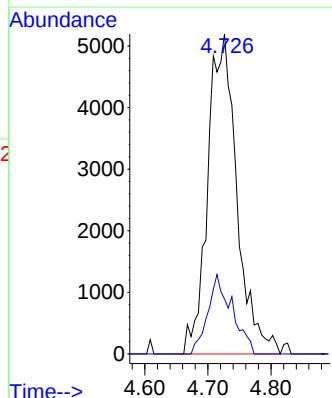
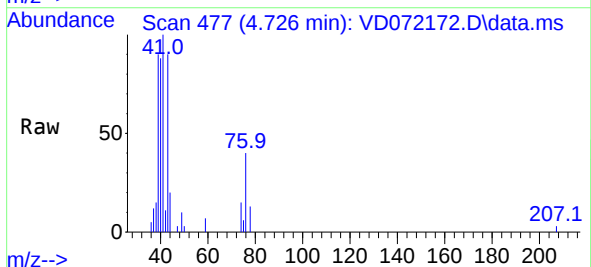
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

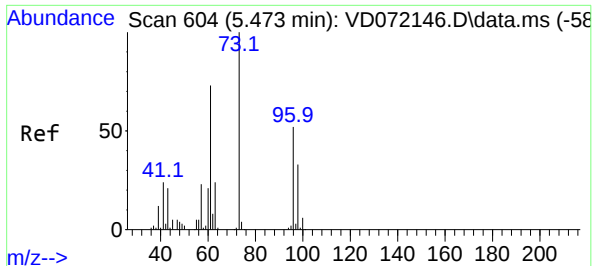
Tgt Ion: 76 Resp: 51699
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 8.252 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 43 Resp: 16639
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 4.092 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

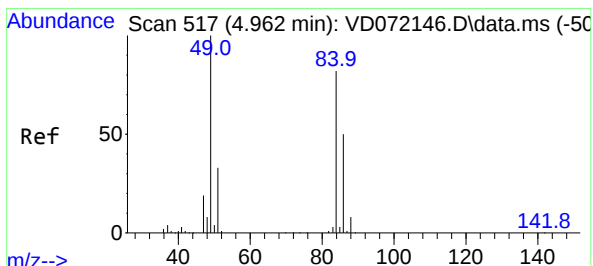
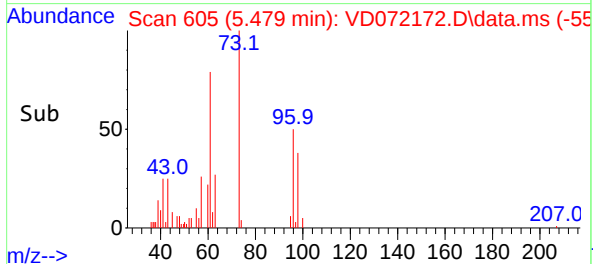
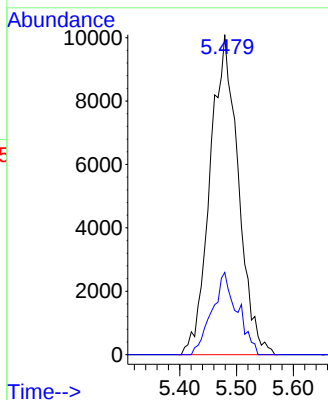
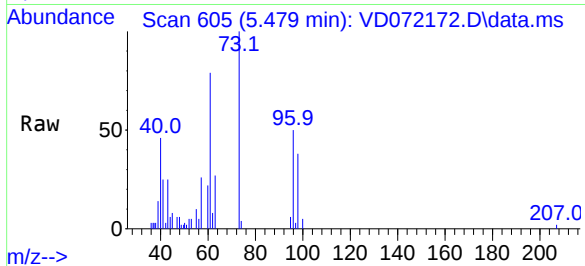
MDL-SOIL-03-QT1-2022

Tgt Ion: 73 Resp: 34760

Ion Ratio Lower Upper

73 100

57 25.7 18.0 27.0



#20

Methylene Chloride

Concen: 9.282 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

Tgt Ion: 84 Resp: 45902

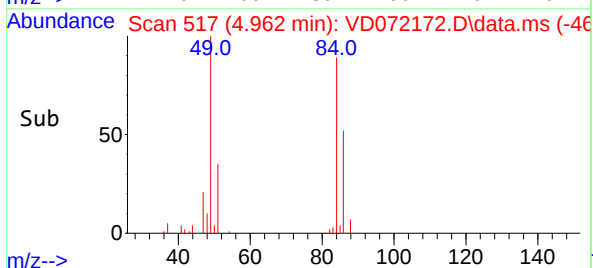
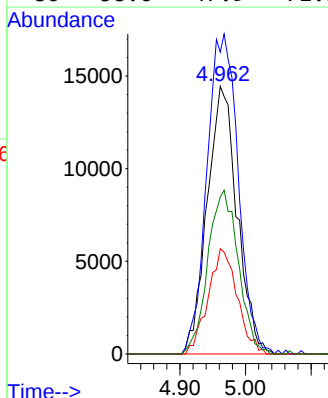
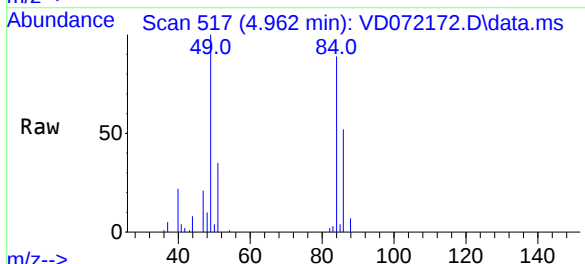
Ion Ratio Lower Upper

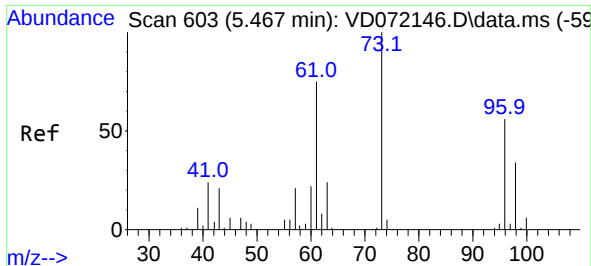
84 100

49 112.8 112.8 169.2#

51 39.4 32.6 48.8

86 58.6 47.9 71.9

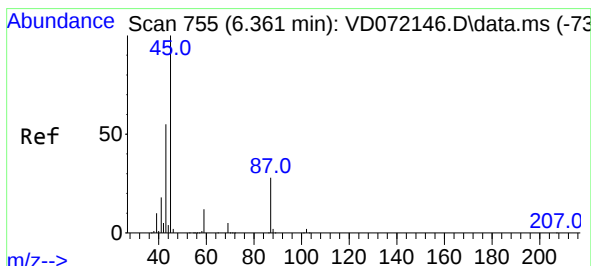
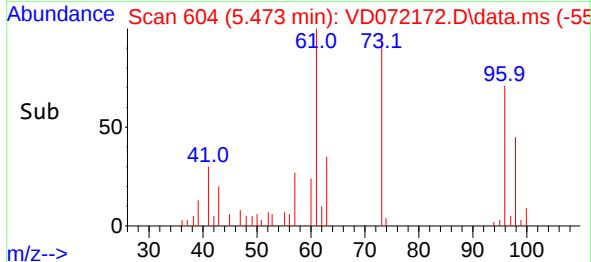
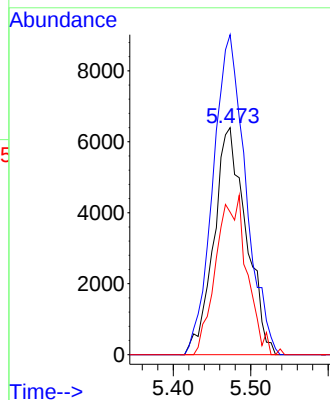
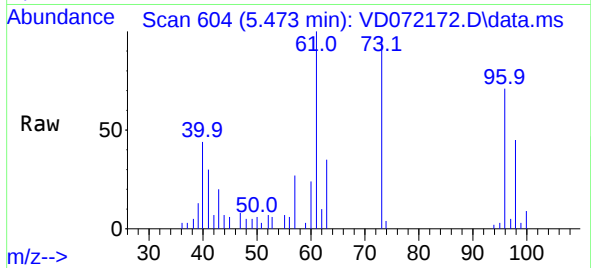




#21
trans-1,2-Dichloroethene
Concen: 5.362 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

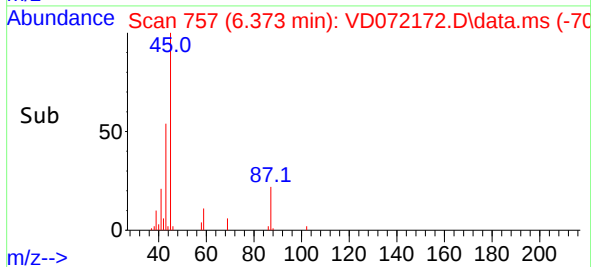
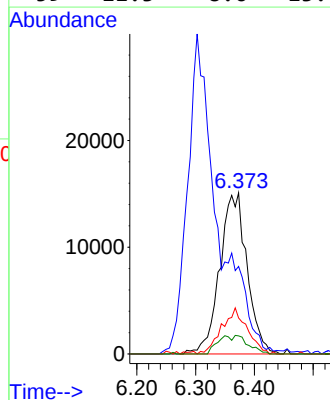
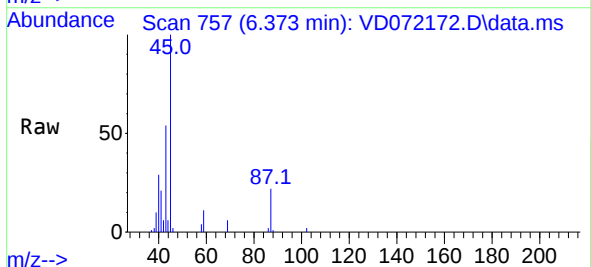
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

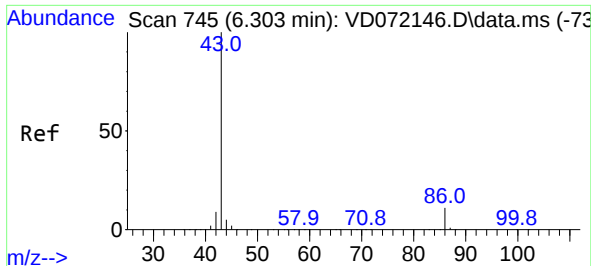
Tgt Ion: 96 Resp: 18535
Ion Ratio Lower Upper
96 100
61 140.9 117.9 176.9
98 62.7 49.4 74.2



#22
Diisopropyl ether
Concen: 3.900 ug/l
RT: 6.373 min Scan# 757
Delta R.T. 0.012 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 45 Resp: 48607
Ion Ratio Lower Upper
45 100
43 52.3 46.6 70.0
87 22.3 18.4 27.6
59 11.3 8.6 13.0

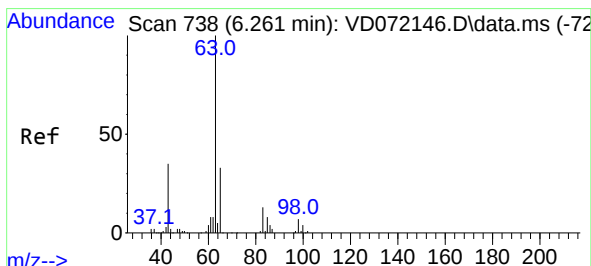
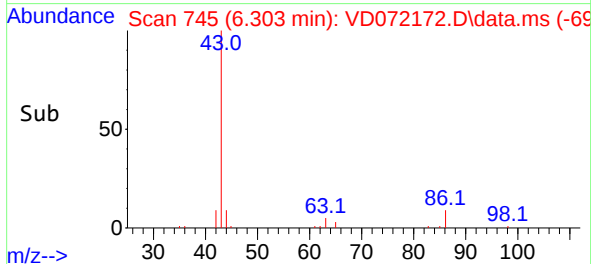
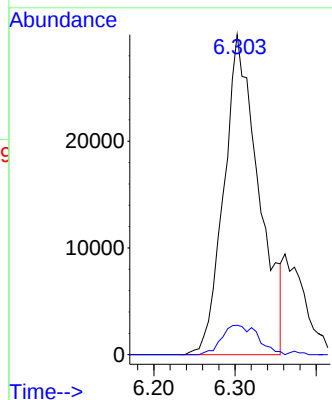
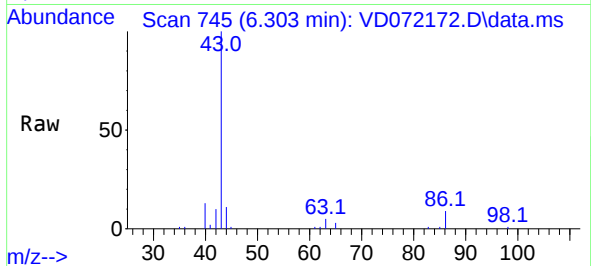




#23
 Vinyl Acetate
 Concen: 14.038 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072172.D
 Acq: 14 Mar 2022 17:25

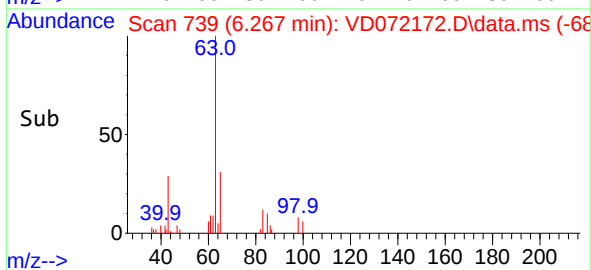
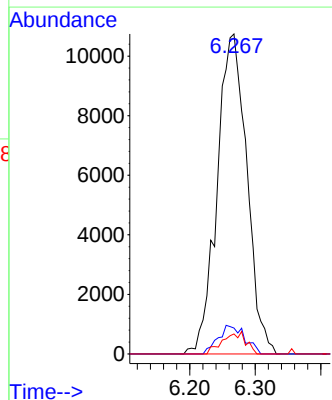
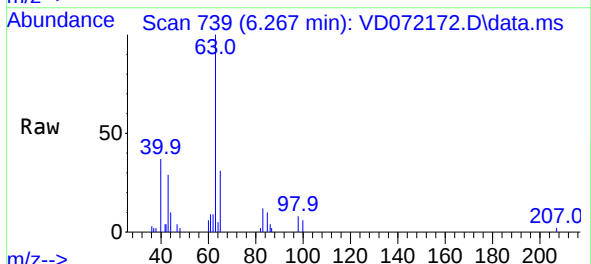
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

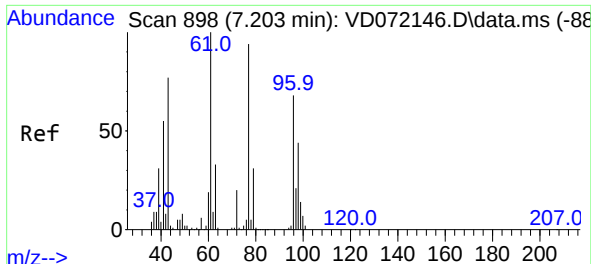
Tgt Ion: 43 Resp: 89285
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 4.600 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD072172.D
 Acq: 14 Mar 2022 17:25

Tgt Ion: 63 Resp: 33809
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 6.3 2.1 6.5

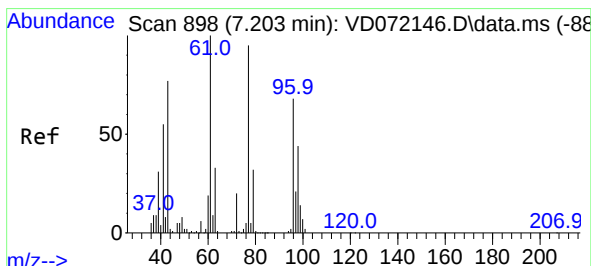
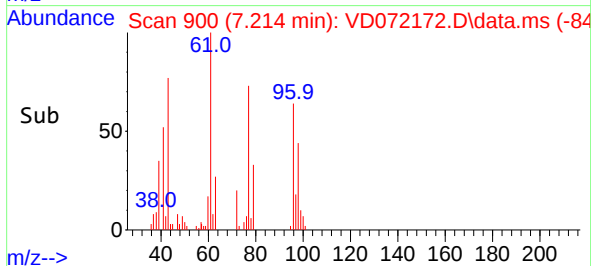
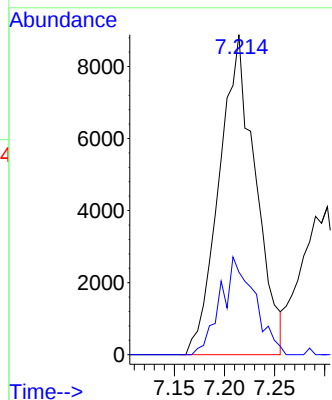
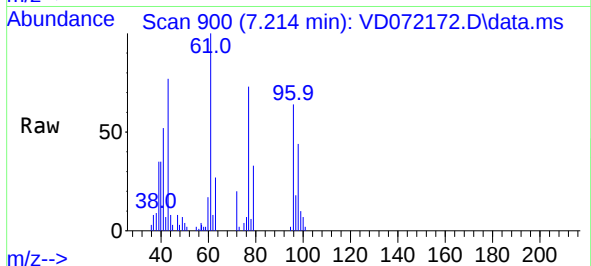




#25
2-Butanone
Concen: 20.348 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

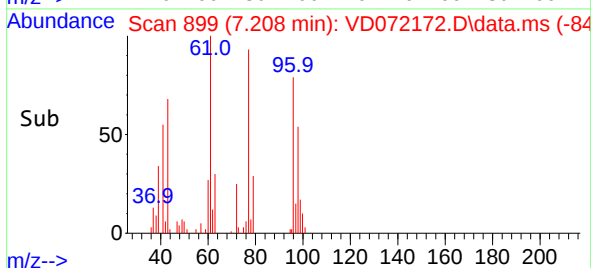
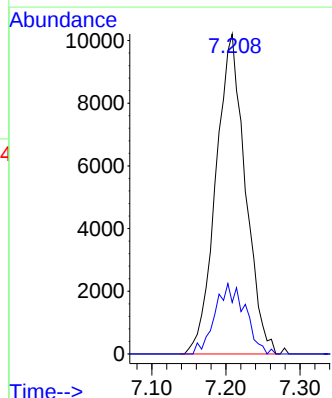
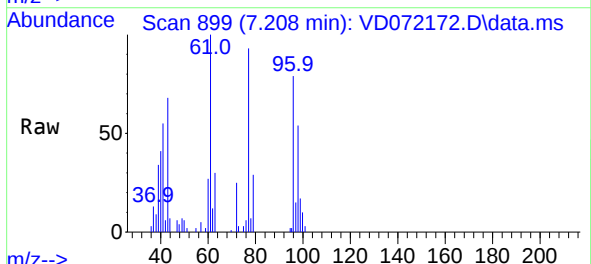
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

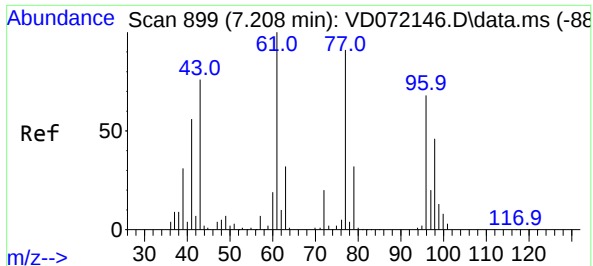
Tgt Ion: 43 Resp: 22322
Ion Ratio Lower Upper
43 100
72 25.8 18.6 27.8



#26
2,2-Dichloropropane
Concen: 4.244 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 77 Resp: 28142
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 4.657 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

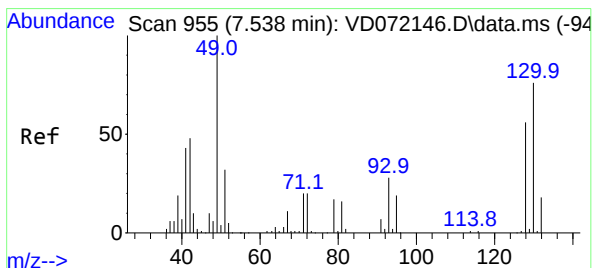
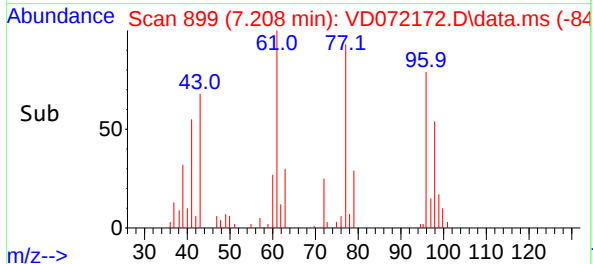
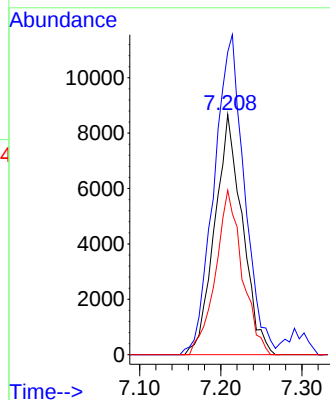
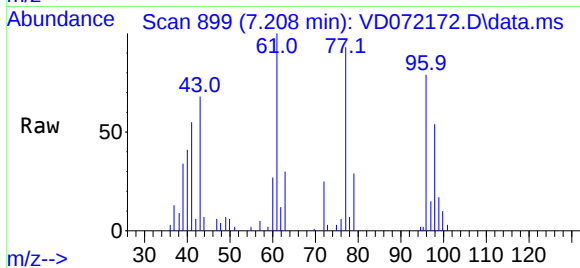
Tgt Ion: 96 Resp: 20553

Ion Ratio Lower Upper

96 100

61 146.4 0.0 313.8

98 66.4 0.0 128.8



#28

Bromochloromethane

Concen: 4.587 ug/l

RT: 7.550 min Scan# 957

Delta R.T. 0.012 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

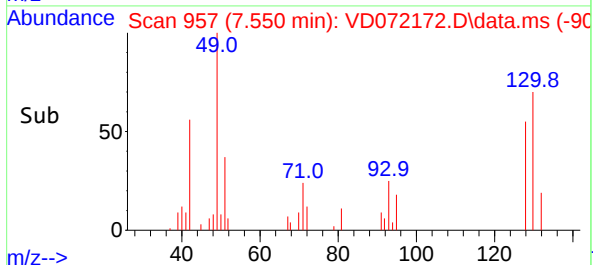
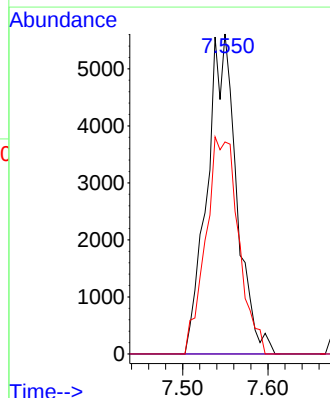
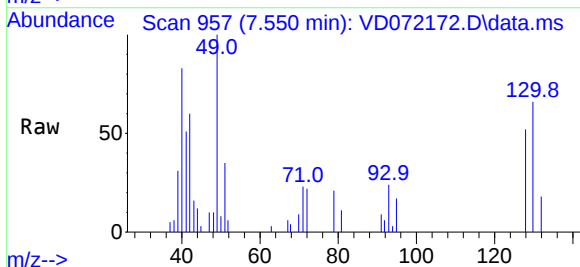
Tgt Ion: 49 Resp: 13574

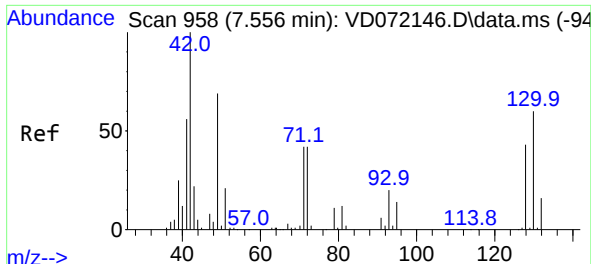
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 75.0 52.6 79.0





#29

Tetrahydrofuran

Concen: 21.961 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.012 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

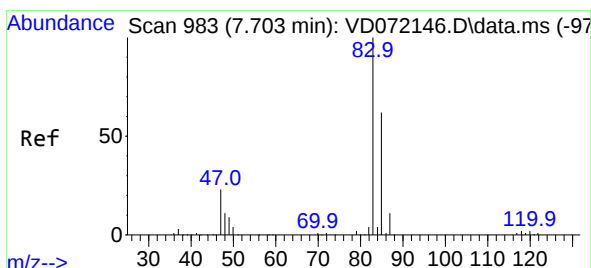
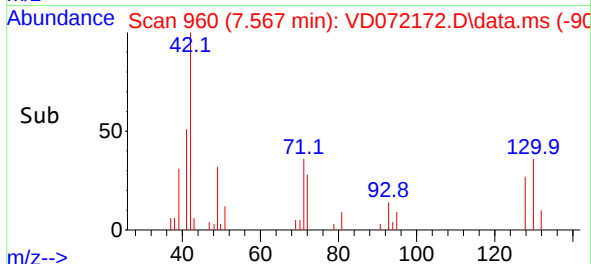
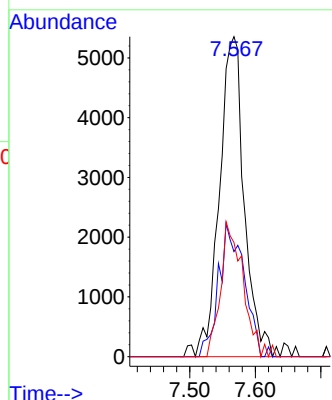
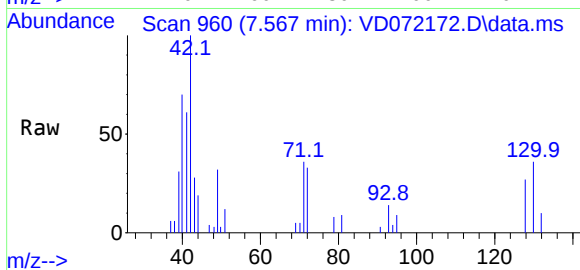
Tgt Ion: 42 Resp: 14166

Ion Ratio Lower Upper

42 100

72 42.2 30.7 46.1

71 37.9 28.6 43.0



#30

Chloroform

Concen: 4.765 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD072172.D

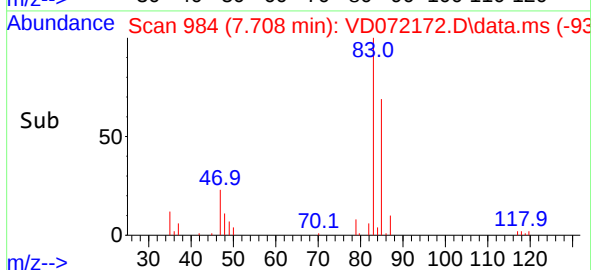
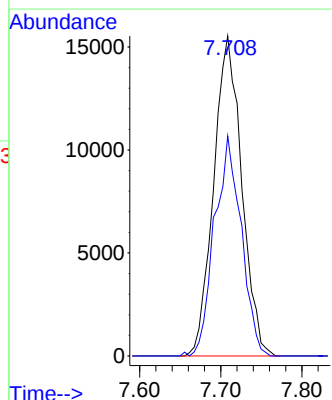
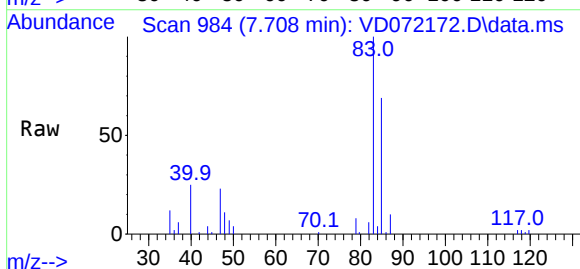
Acq: 14 Mar 2022 17:25

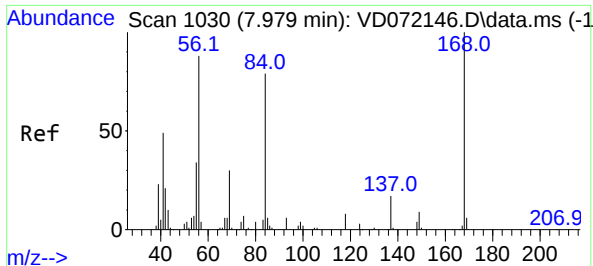
Tgt Ion: 83 Resp: 37310

Ion Ratio Lower Upper

83 100

85 68.7 52.7 79.1





#31

Cyclohexane

Concen: 6.327 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072172.D

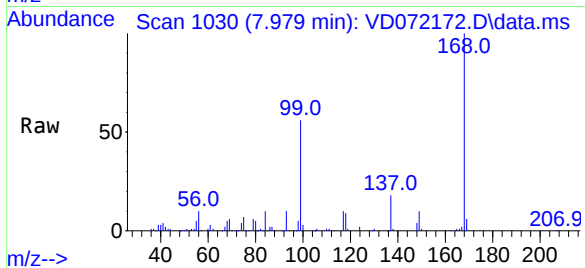
Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022



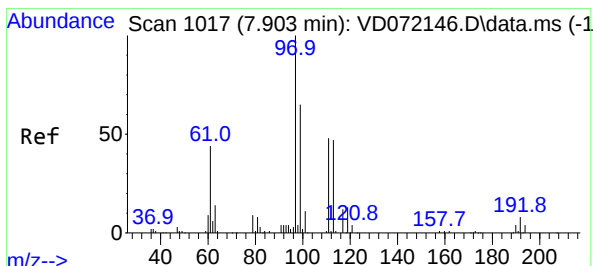
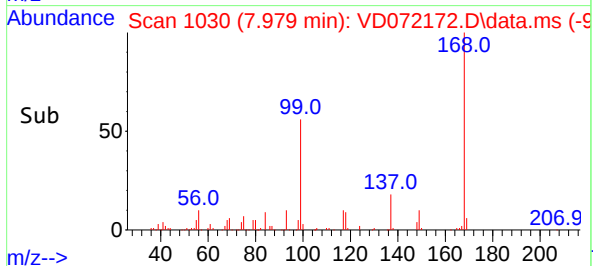
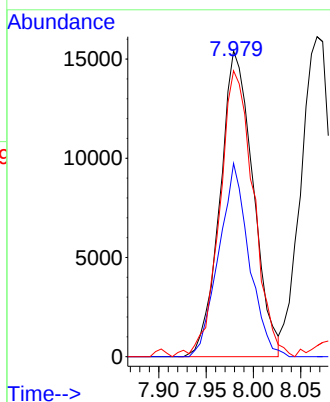
Tgt Ion: 56 Resp: 37456

Ion Ratio Lower Upper

56 100

69 63.2 25.4 38.2#

84 92.1 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 4.604 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

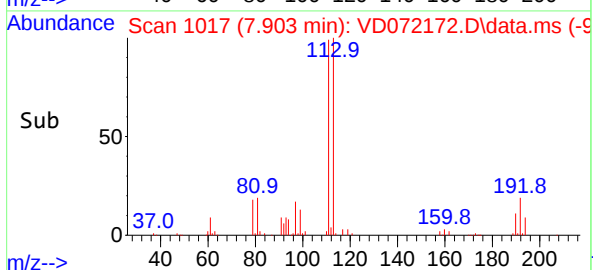
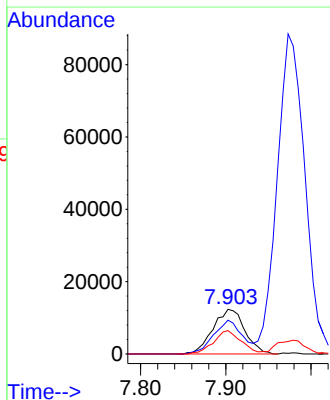
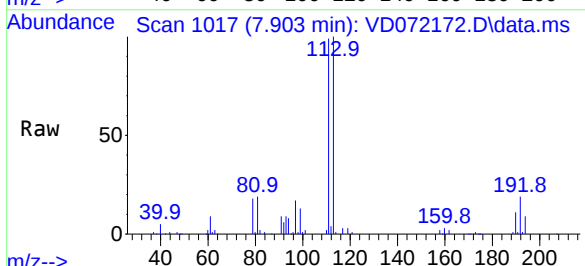
Tgt Ion: 97 Resp: 32015

Ion Ratio Lower Upper

97 100

99 68.1 52.4 78.6

61 45.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 55.702 ug/l

RT: 8.326 min Scan# 11075

Delta R.T. -0.000 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

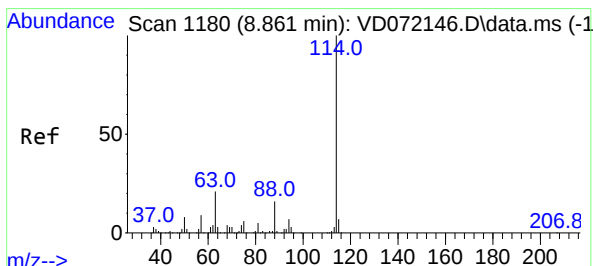
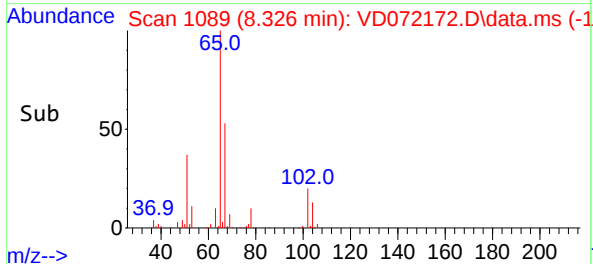
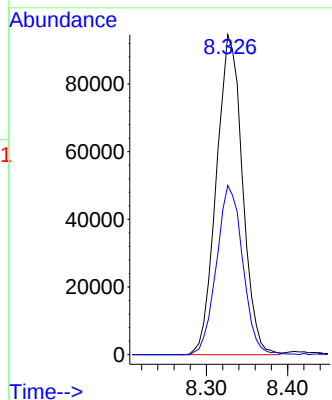
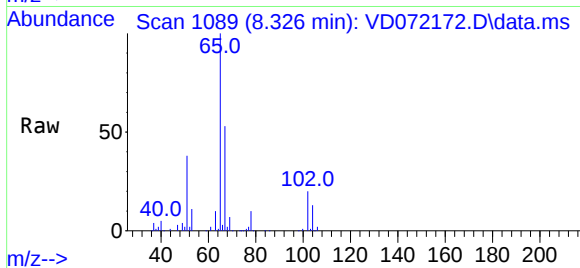
MDL-SOIL-03-QT1-2022

Tgt Ion: 65 Resp: 211075

Ion Ratio Lower Upper

65 100

67 53.3 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: VD072172.D

Acq: 14 Mar 2022 17:25

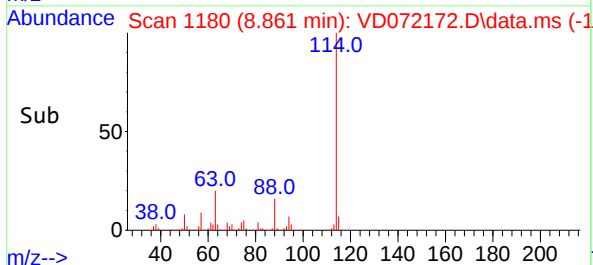
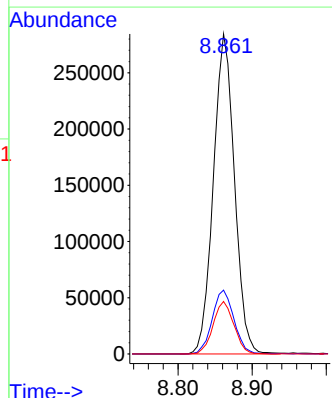
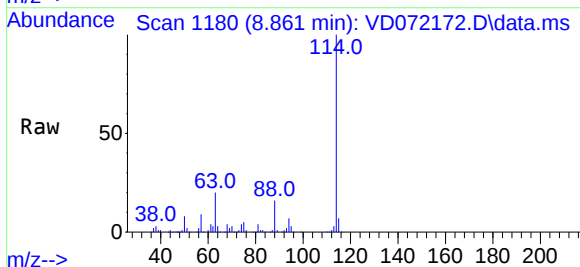
Tgt Ion: 114 Resp: 562636

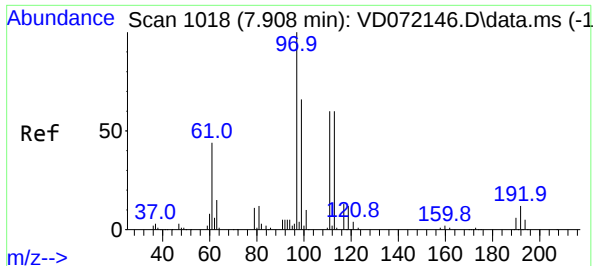
Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 16.4 0.0 33.2

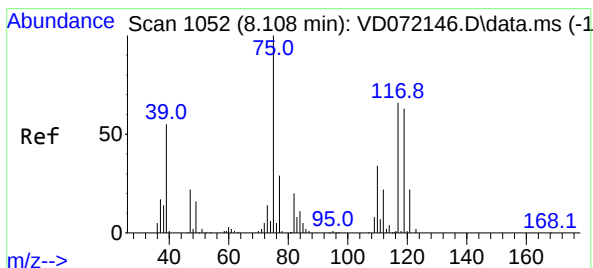
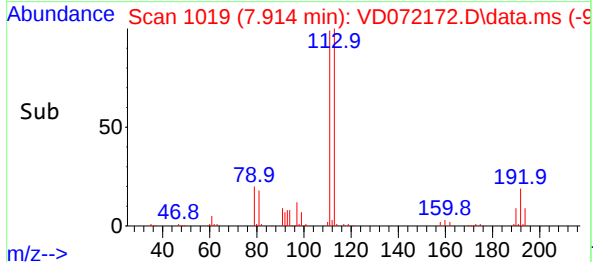
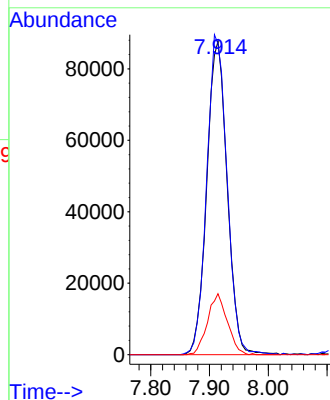
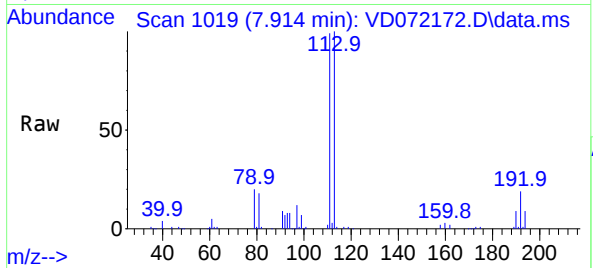




#35
Dibromofluoromethane
Concen: 53.418 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

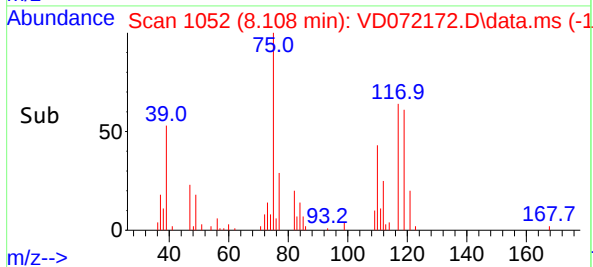
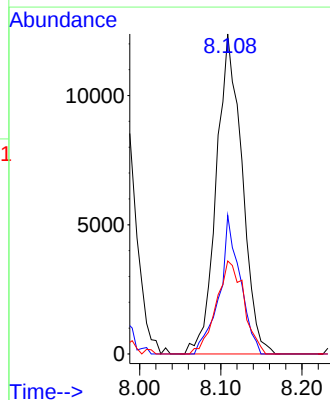
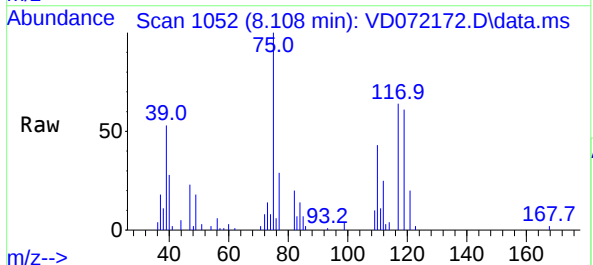
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

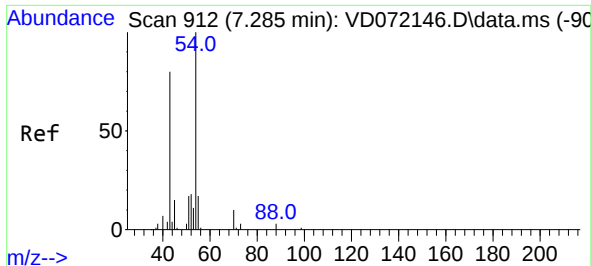
Tgt Ion:113 Resp: 211499
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 75 Resp: 27292
Ion Ratio Lower Upper
75 100
110 34.8 16.4 49.1
77 31.1 24.2 36.2

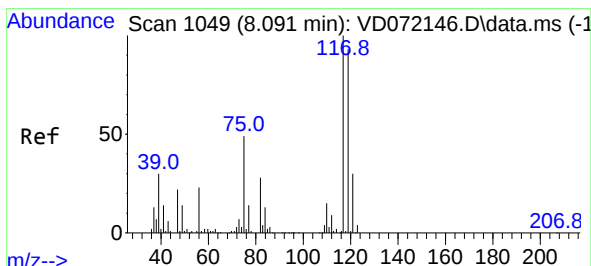
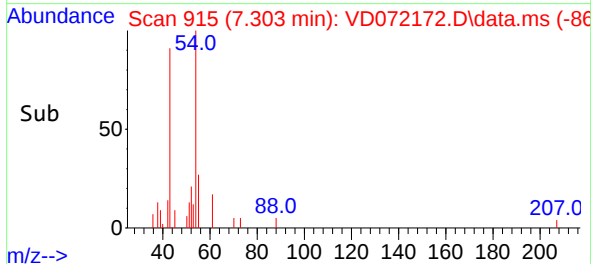
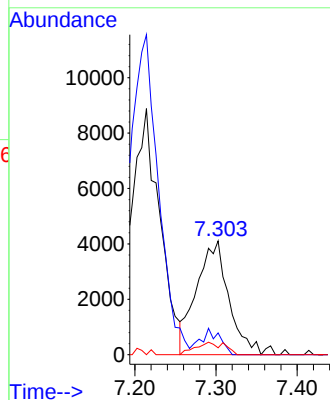
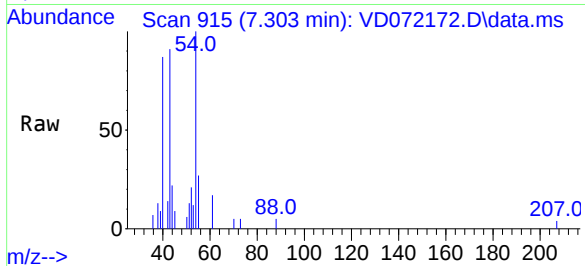




#37
Ethyl Acetate
Concen: 4.713 ug/l
RT: 7.303 min Scan# 915
Delta R.T. 0.018 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

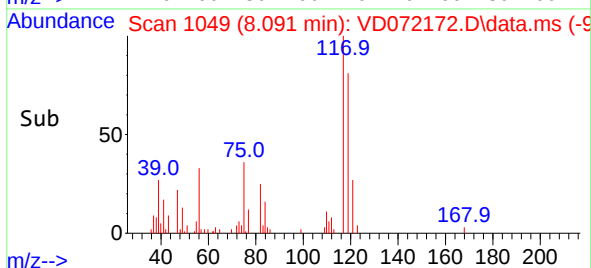
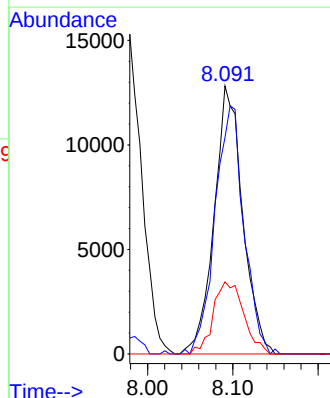
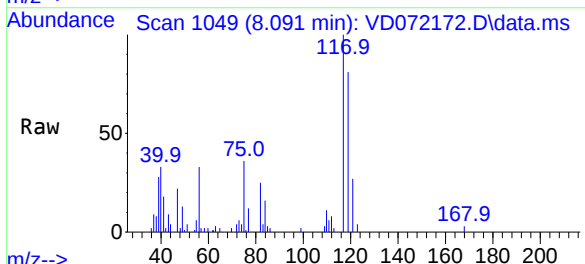
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 43 Resp: 11466
Ion Ratio Lower Upper
43 100
61 13.6 9.8 14.8
70 7.1 6.9 10.3



#38
Carbon Tetrachloride
Concen: 4.726 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 117 Resp: 29836
Ion Ratio Lower Upper
117 100
119 80.8 75.8 113.6
121 26.9 24.5 36.7





#39

Methylcyclohexane

Concen: 4.774 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

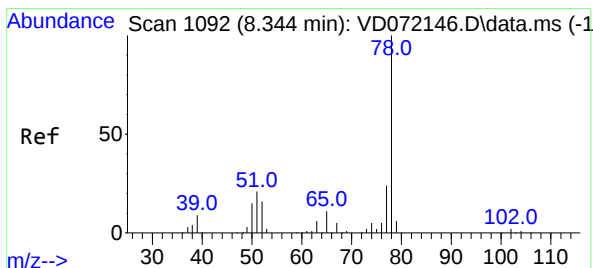
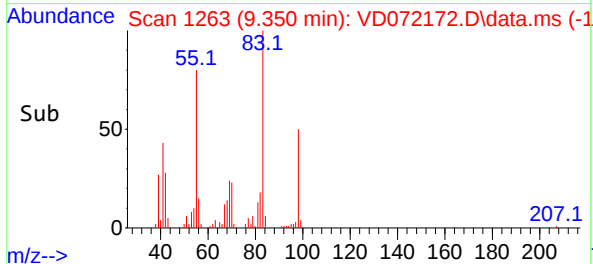
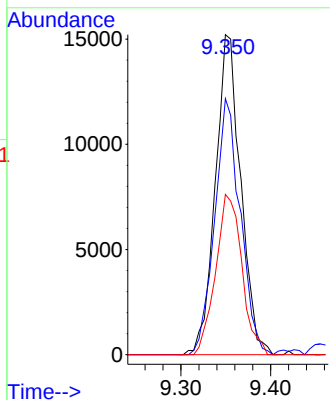
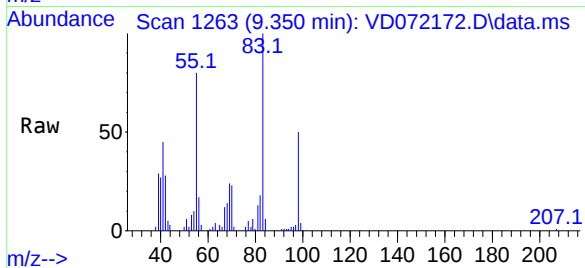
Tgt Ion: 83 Resp: 29842

Ion Ratio Lower Upper

83 100

55 80.0 63.2 94.8

98 50.1 38.2 57.4



#40

Benzene

Concen: 4.694 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD072172.D

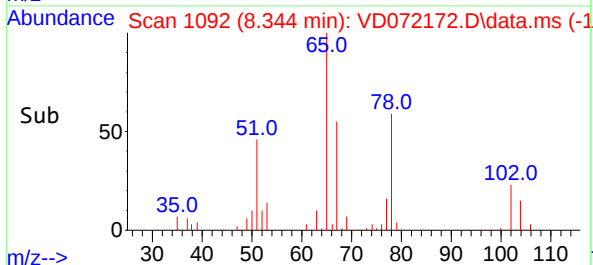
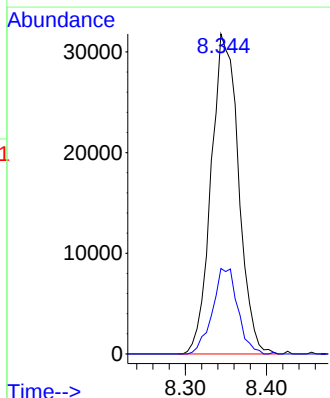
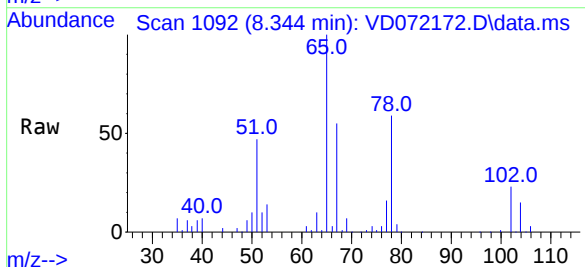
Acq: 14 Mar 2022 17:25

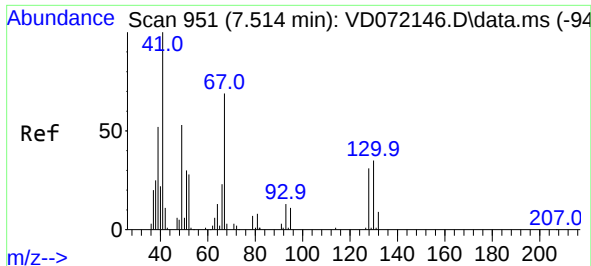
Tgt Ion: 78 Resp: 74380

Ion Ratio Lower Upper

78 100

77 26.7 19.1 28.7

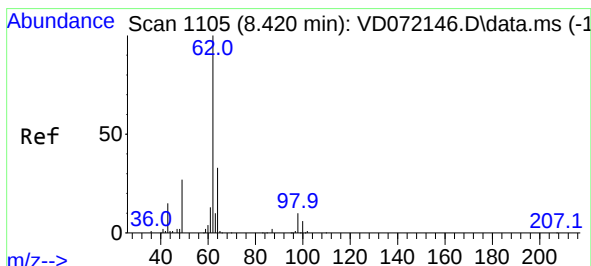
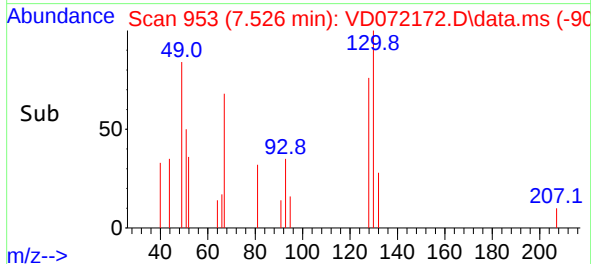
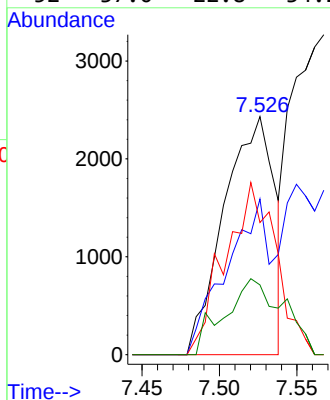
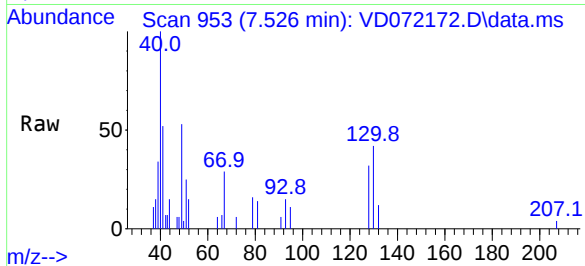




#41
Methacrylonitrile
Concen: 3.873 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

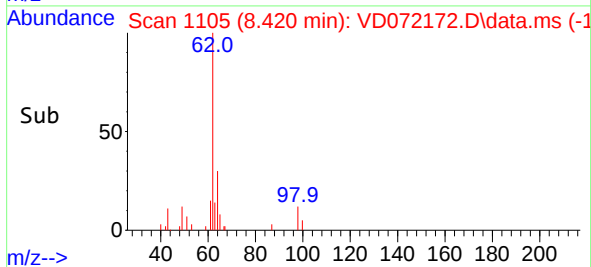
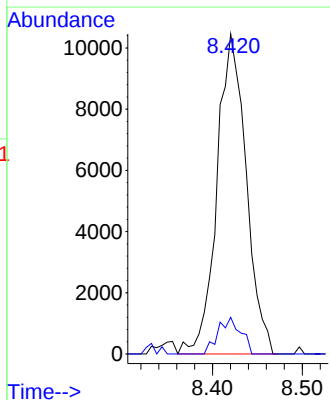
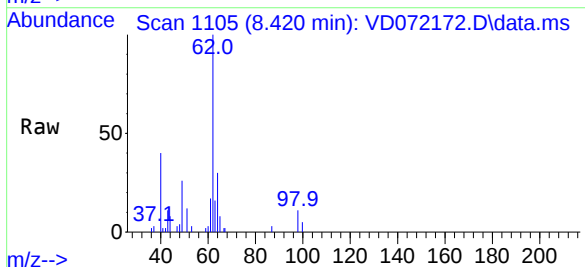
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 41 Resp: 5492
Ion Ratio Lower Upper
41 100
39 53.6 44.6 67.0
67 72.8 48.2 72.4#
52 37.0 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 4.925 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 62 Resp: 23676
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6

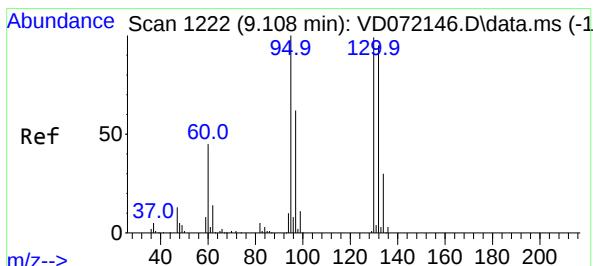
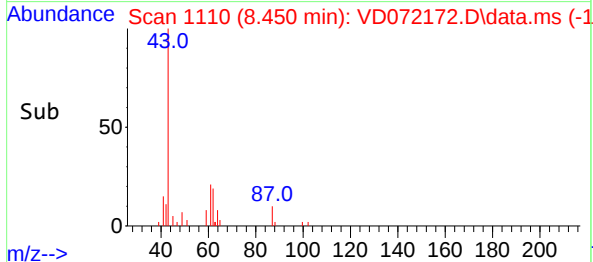
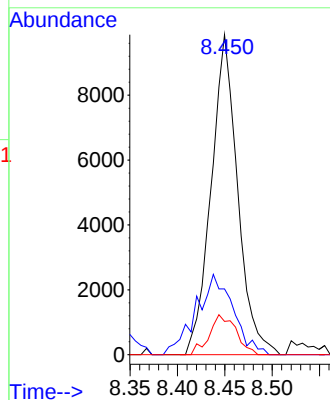
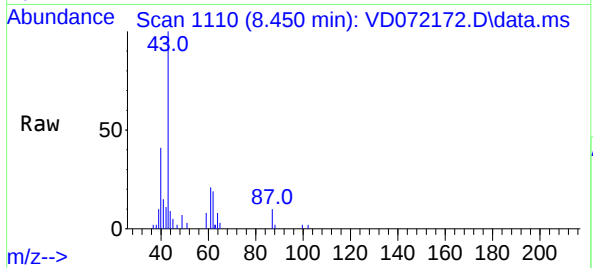




#43
Isopropyl Acetate
Concen: 4.073 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

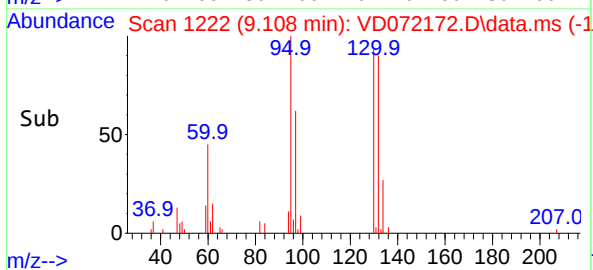
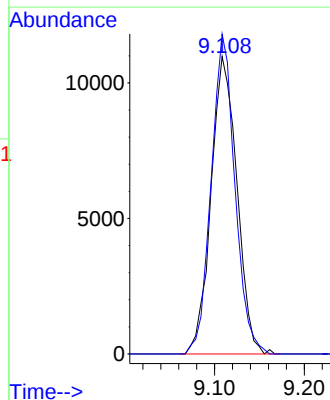
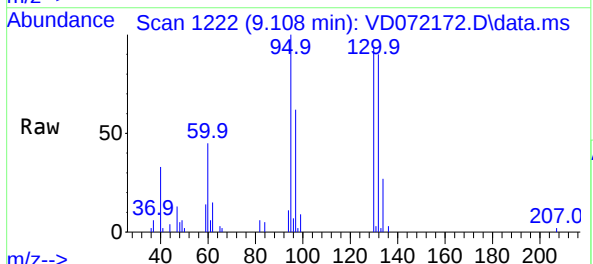
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

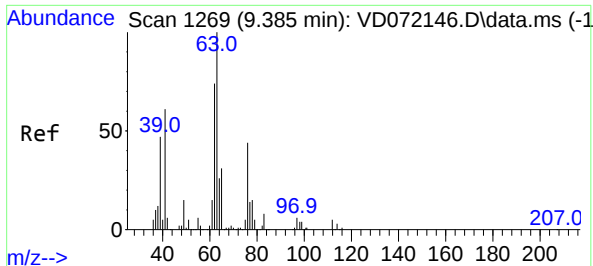
Tgt Ion: 43 Resp: 19234
Ion Ratio Lower Upper
43 100
61 35.1 22.4 33.6#
87 12.5 8.7 13.1



#44
Trichloroethene
Concen: 4.937 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 130 Resp: 21962
Ion Ratio Lower Upper
130 100
95 107.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 4.142 ug/l

RT: 9.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

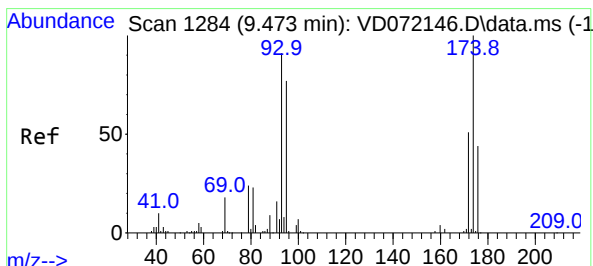
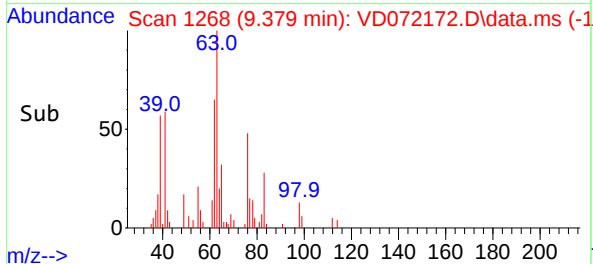
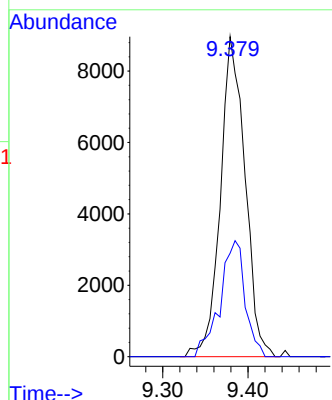
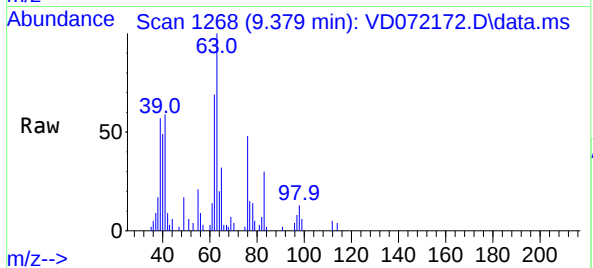
MDL-SOIL-03-QT1-2022

Tgt Ion: 63 Resp: 17999

Ion Ratio Lower Upper

63 100

65 32.4 26.2 39.4



#46

Dibromomethane

Concen: 4.428 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

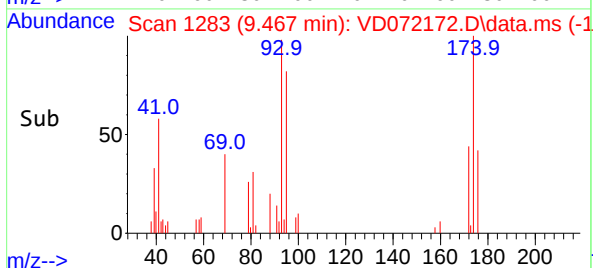
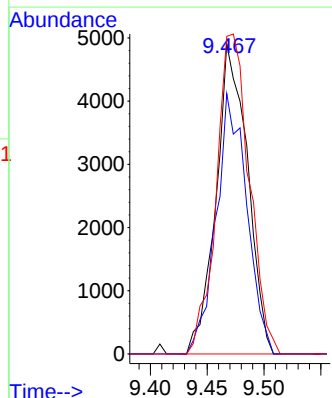
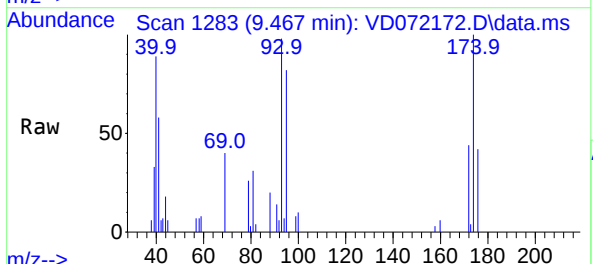
Tgt Ion: 93 Resp: 9465

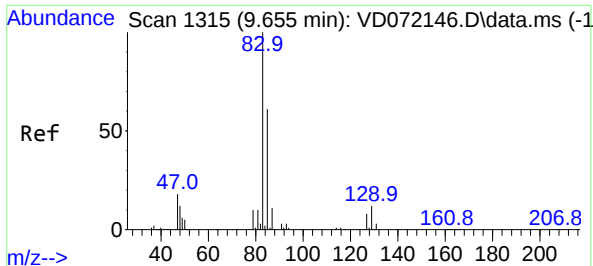
Ion Ratio Lower Upper

93 100

95 81.9 66.7 100.1

174 107.9 71.6 107.4#

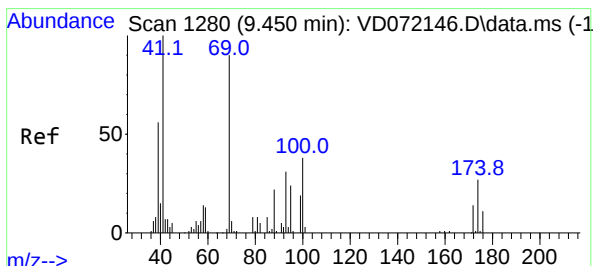
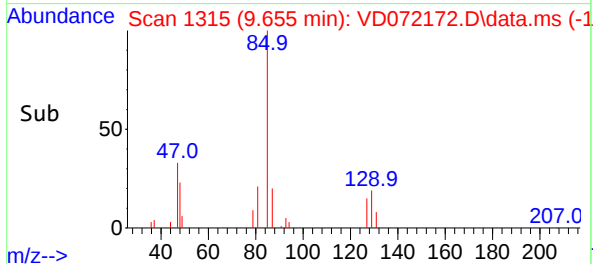
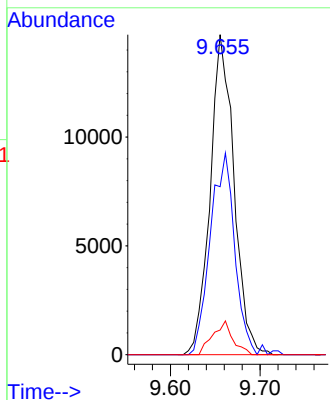
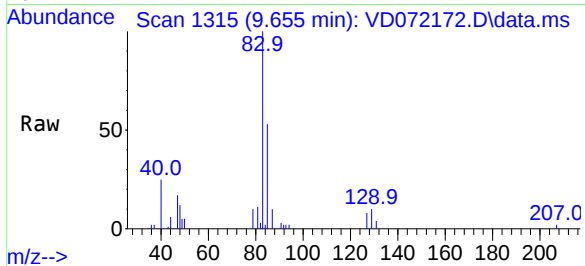




#47
Bromodichloromethane
Concen: 4.352 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

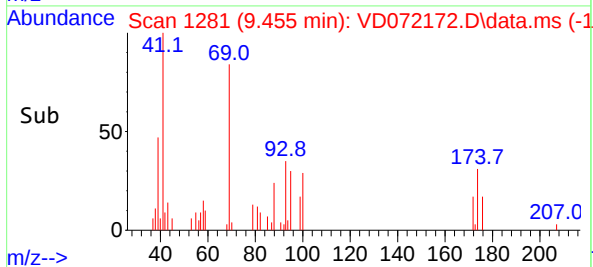
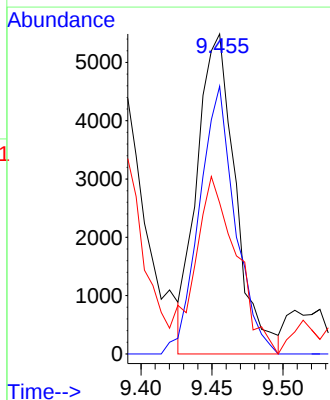
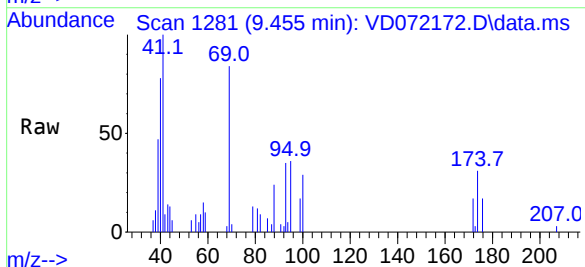
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

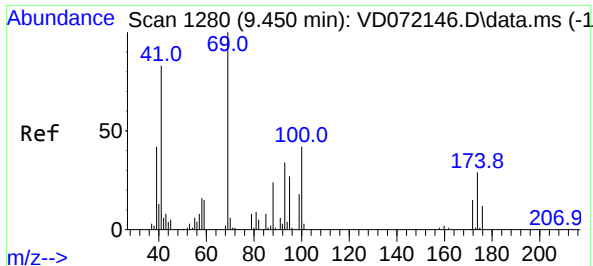
Tgt Ion: 83 Resp: 27120
Ion Ratio Lower Upper
83 100
85 52.5 51.4 77.0
127 7.7 6.1 9.1



#48
Methyl methacrylate
Concen: 4.579 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 41 Resp: 10325
Ion Ratio Lower Upper
41 100
69 78.1 56.7 85.1
39 59.8 42.7 64.1

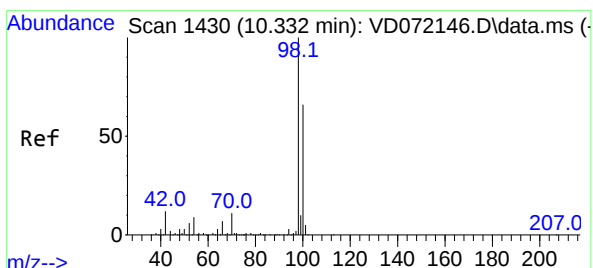
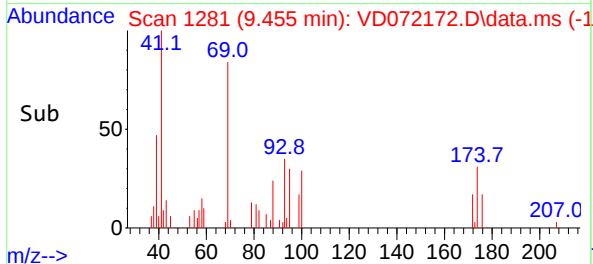
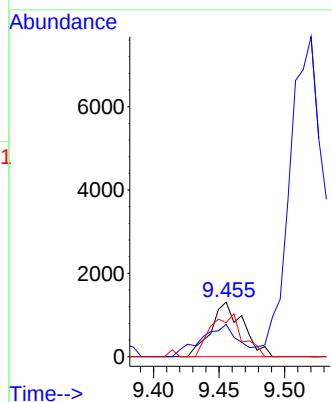
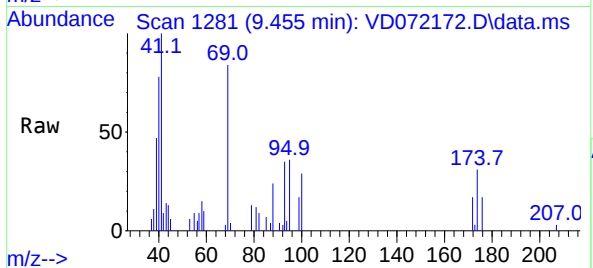




#49
1,4-Dioxane
Concen: 87.497 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

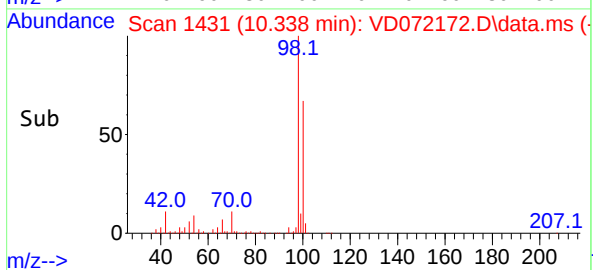
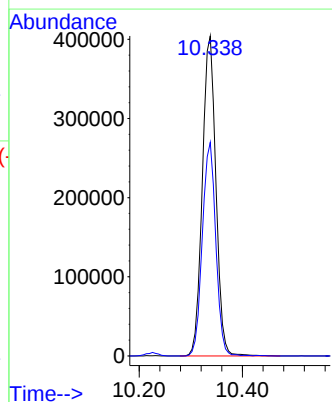
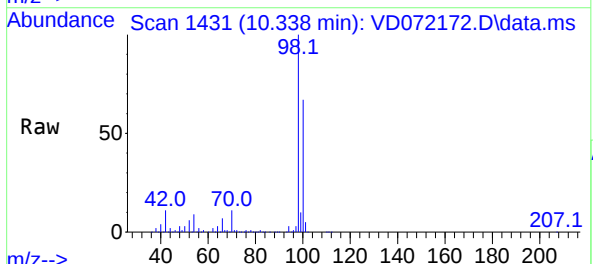
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

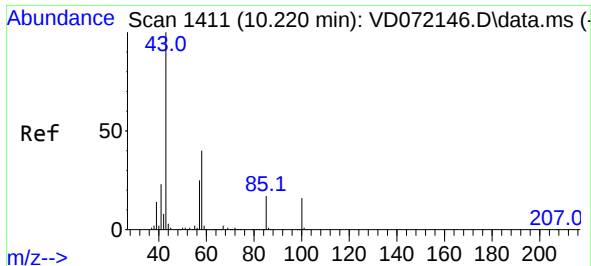
Tgt Ion: 88 Resp: 2243
Ion Ratio Lower Upper
88 100
43 66.6 31.0 46.4#
58 76.5 58.1 87.1



#50
Toluene-d8
Concen: 50.834 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 98 Resp: 735944
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

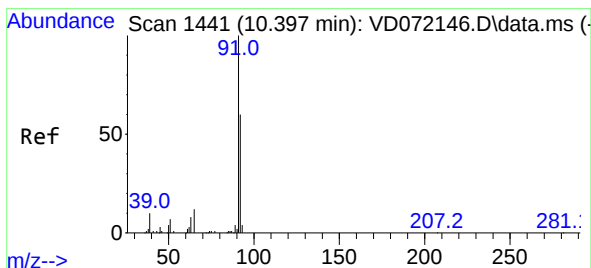
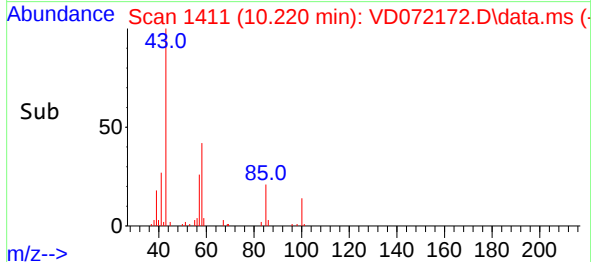
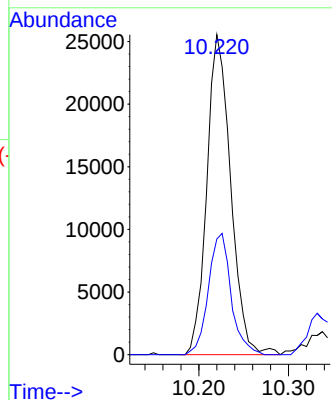
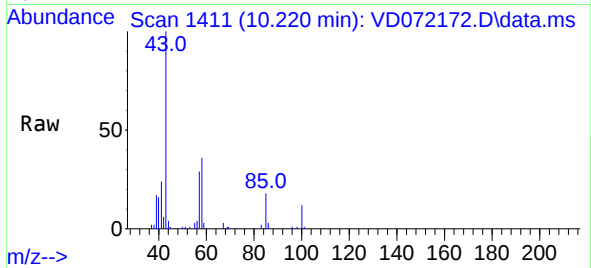




#51
4-Methyl-2-Pentanone
Concen: 19.024 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

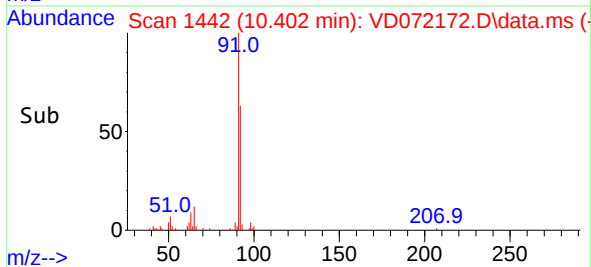
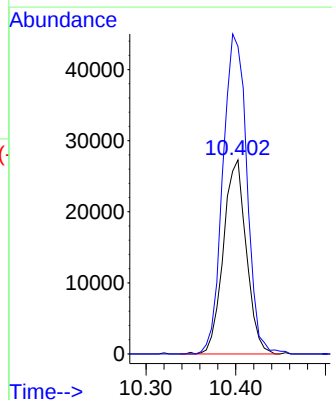
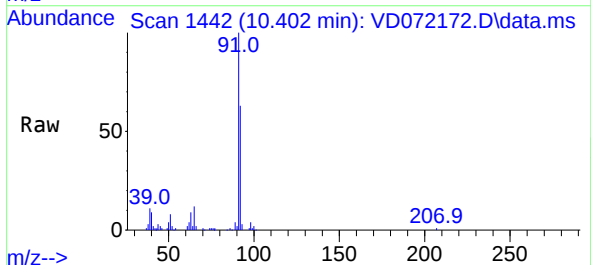
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

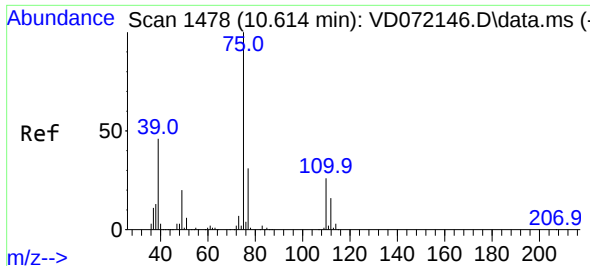
Tgt Ion: 43 Resp: 47186
Ion Ratio Lower Upper
43 100
58 36.1 28.6 43.0



#52
Toluene
Concen: 4.642 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 92 Resp: 48404
Ion Ratio Lower Upper
92 100
91 172.7 139.6 209.4

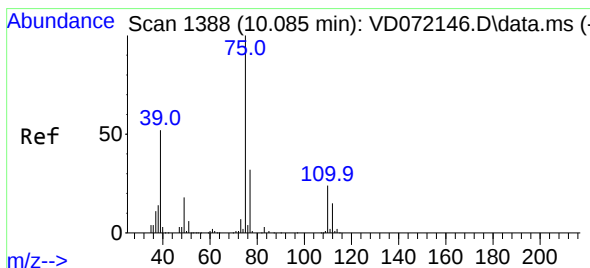
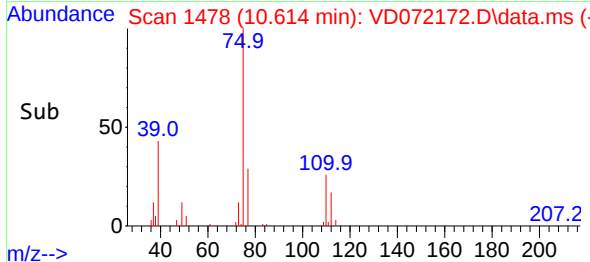
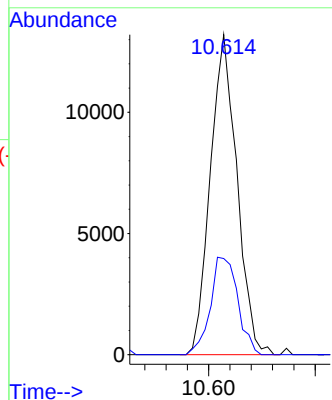
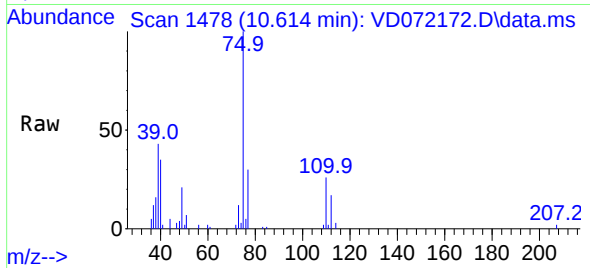




#53
 t-1,3-Dichloropropene
 Concen: 4.021 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD072172.D
 Acq: 14 Mar 2022 17:25

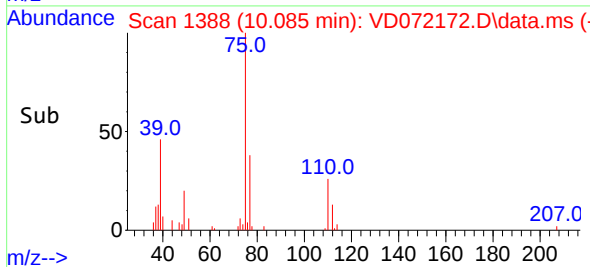
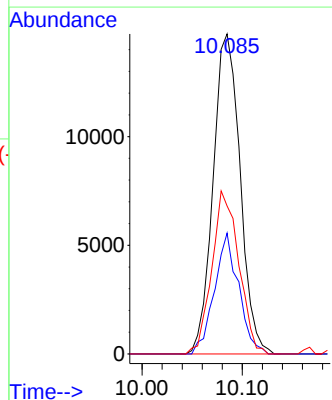
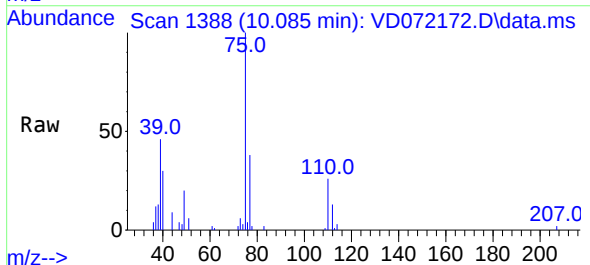
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

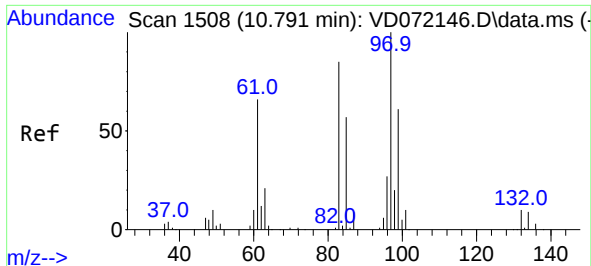
Tgt Ion: 75 Resp: 22892
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 4.180 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD072172.D
 Acq: 14 Mar 2022 17:25

Tgt Ion: 75 Resp: 27514
 Ion Ratio Lower Upper
 75 100
 77 37.7 24.8 37.2#
 39 46.3 46.8 70.2#

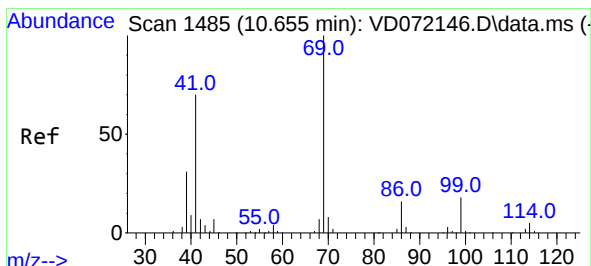
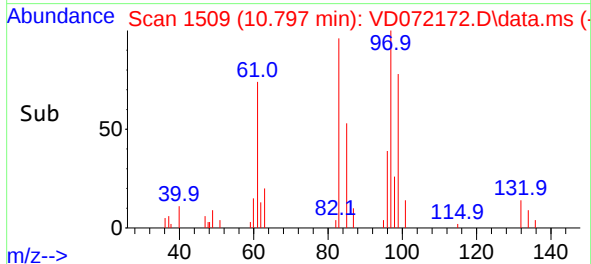
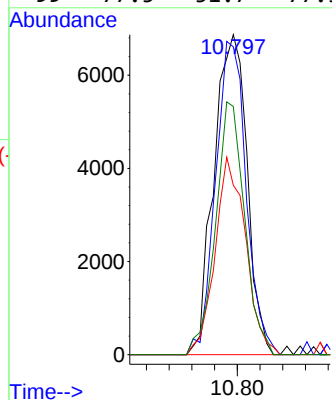
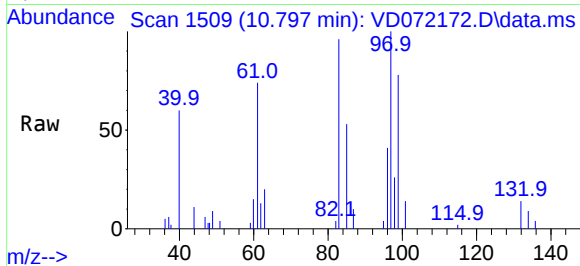




#55
1,1,2-Trichloroethane
Concen: 4.254 ug/l
RT: 10.797 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

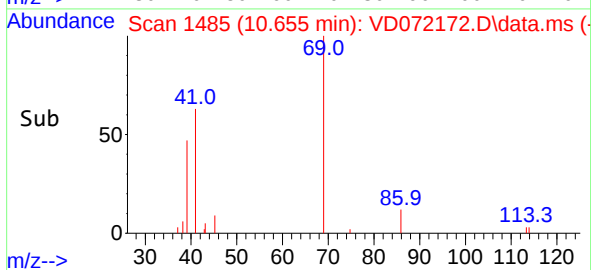
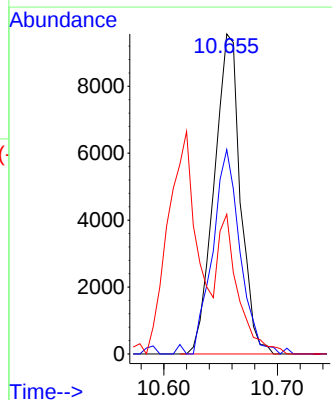
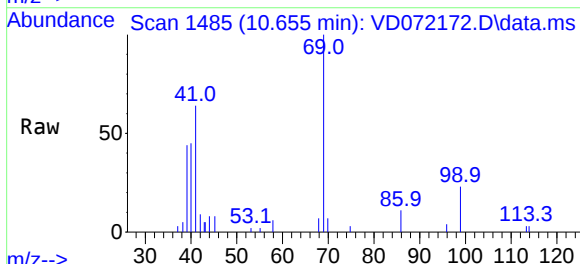
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

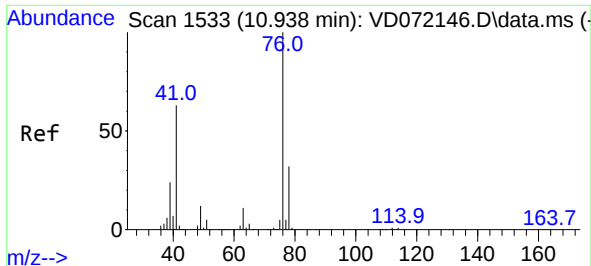
Tgt Ion:	97	Resp:	13852
Ion	Ratio	Lower	Upper
97	100		
83	96.2	69.0	103.4
85	53.0	42.6	63.8
99	77.5	51.7	77.5



#56
Ethyl methacrylate
Concen: 4.039 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:	69	Resp:	15407
Ion	Ratio	Lower	Upper
69	100		
41	67.3	63.0	94.6
39	32.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 4.240 ug/l

RT: 10.944 min Scan# 1534

Delta R.T. 0.006 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

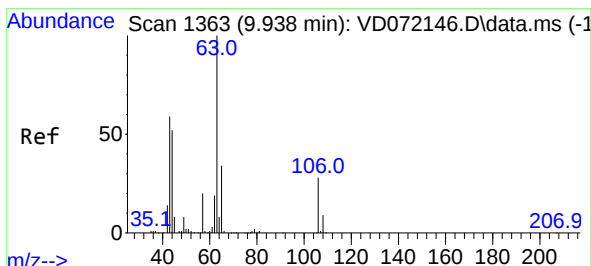
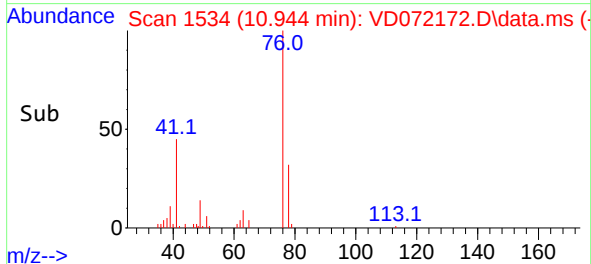
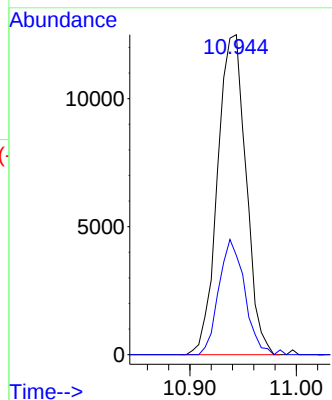
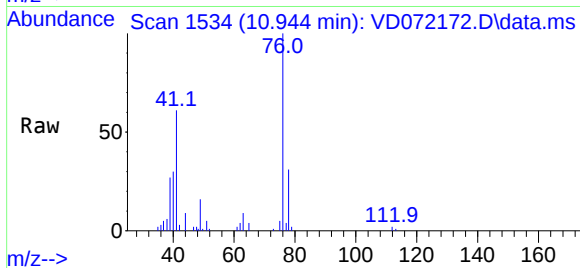
MDL-SOIL-03-QT1-2022

Tgt Ion: 76 Resp: 23172

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 18.227 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072172.D

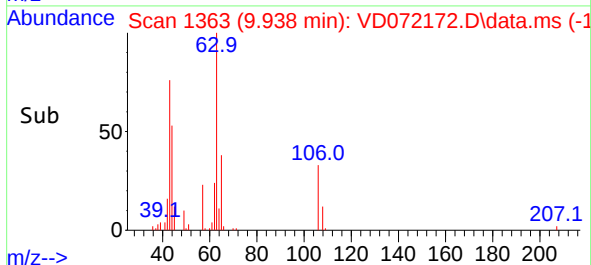
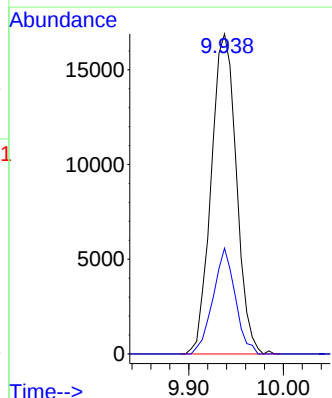
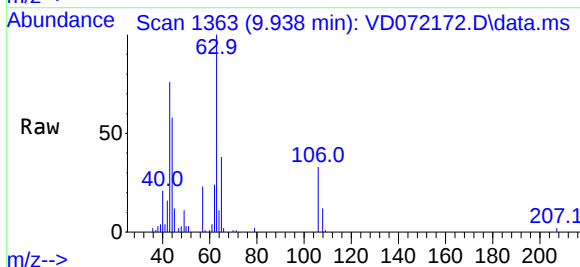
Acq: 14 Mar 2022 17:25

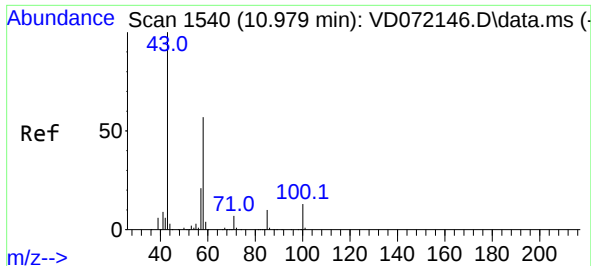
Tgt Ion: 63 Resp: 31260

Ion Ratio Lower Upper

63 100

106 29.2 21.4 32.0

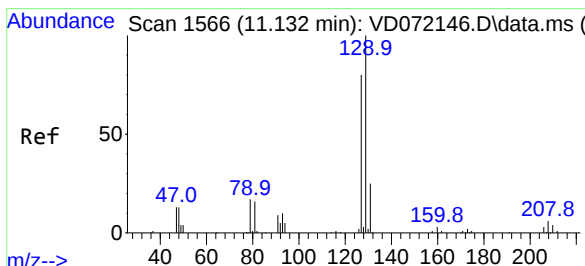
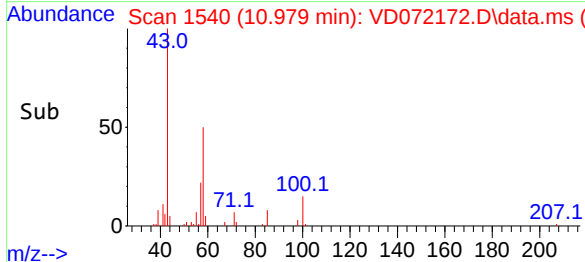
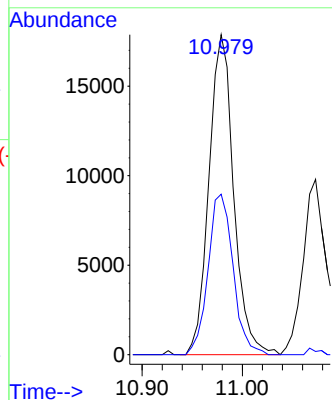
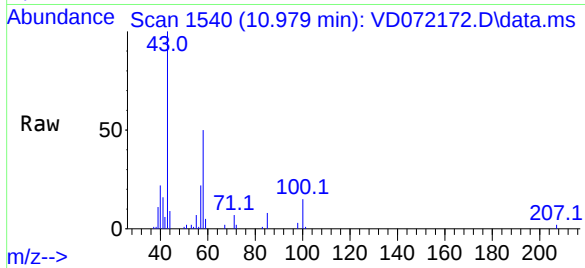




#59
2-Hexanone
Concen: 17.921 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

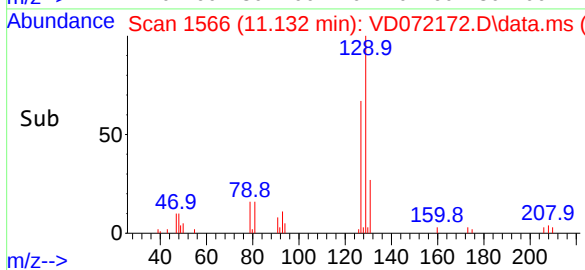
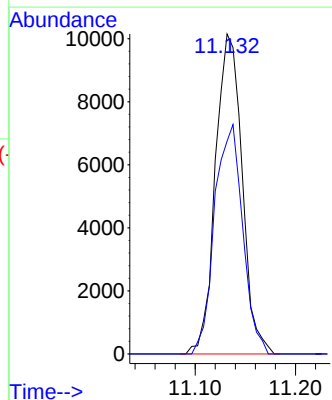
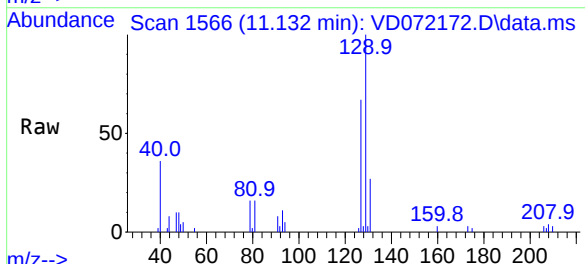
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

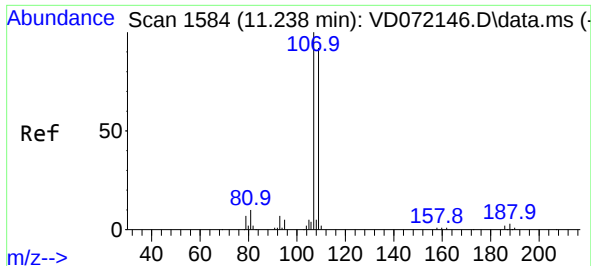
Tgt Ion: 43 Resp: 30700
Ion Ratio Lower Upper
43 100
58 50.7 25.3 75.9



#60
Dibromochloromethane
Concen: 4.431 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 129 Resp: 18726
Ion Ratio Lower Upper
129 100
127 75.3 39.2 117.6

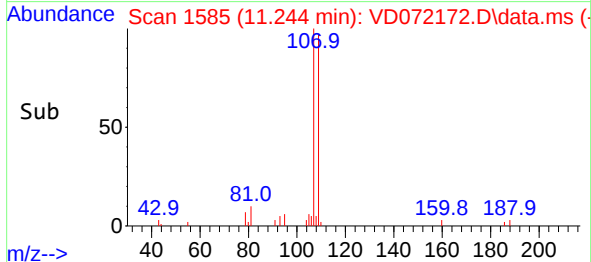
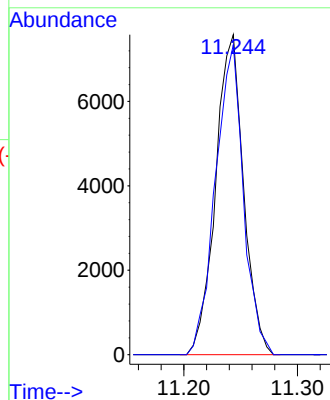
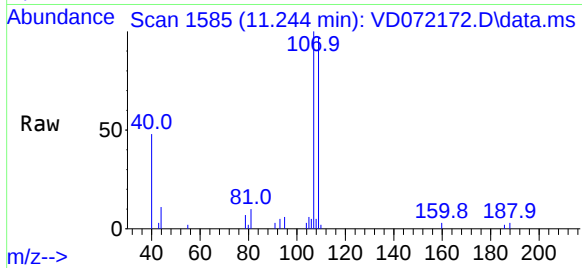




#61
1,2-Dibromoethane
Concen: 4.408 ug/l
RT: 11.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

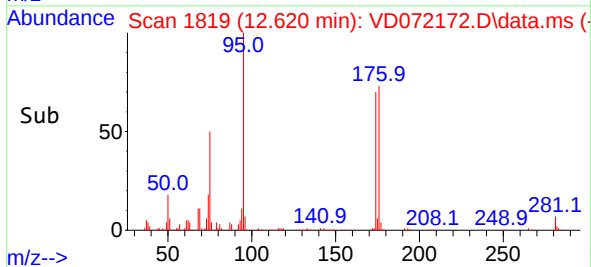
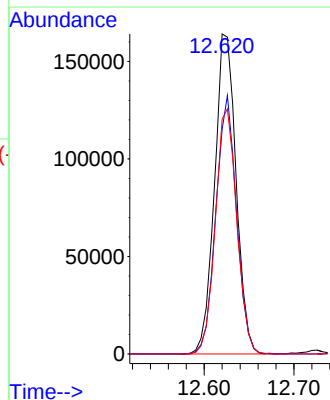
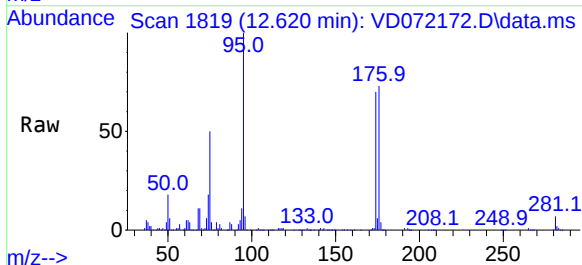
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:107 Resp: 12972
Ion Ratio Lower Upper
107 100
109 96.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.597 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

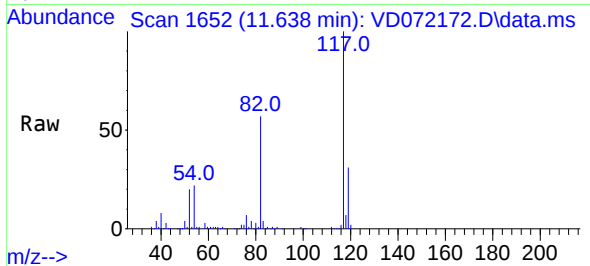
Tgt Ion: 95 Resp: 273369
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 76.0 0.0 145.4



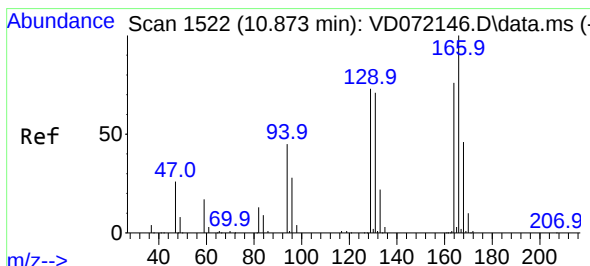
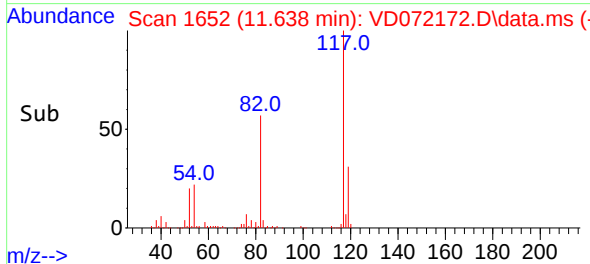
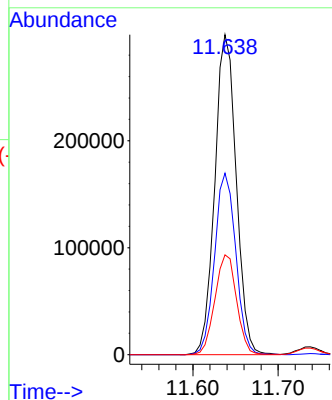


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

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

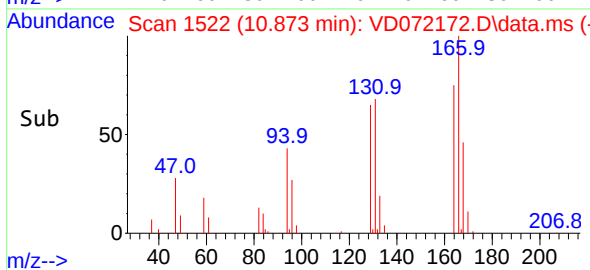
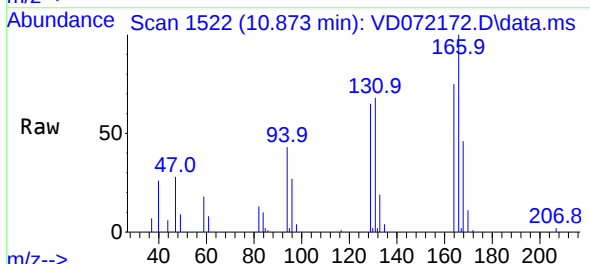
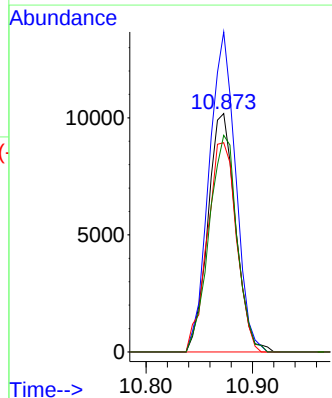


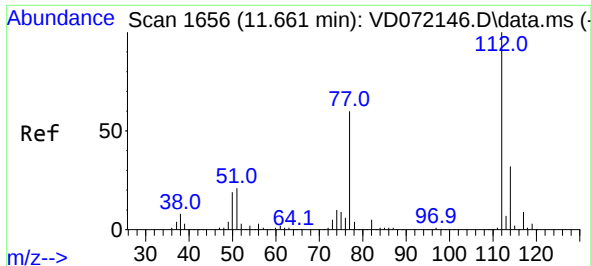
Tgt Ion:117 Resp: 523338
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.2 26.6 40.0



#64
Tetrachloroethene
Concen: 4.982 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:164 Resp: 18369
Ion Ratio Lower Upper
164 100
166 134.2 98.5 147.7
129 87.8 74.6 111.8
131 90.9 72.0 108.0

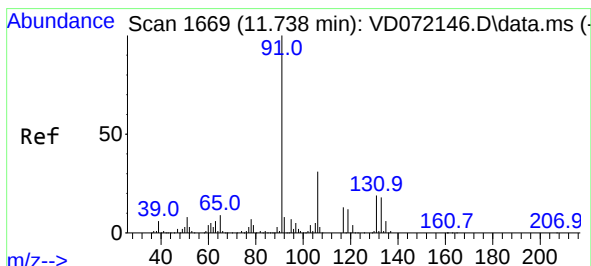
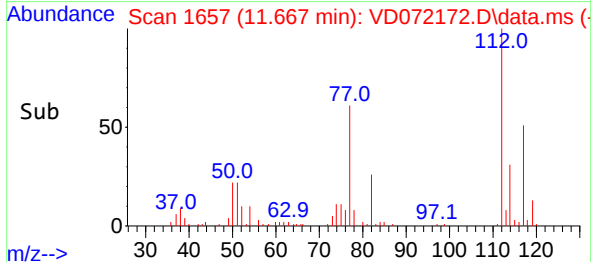
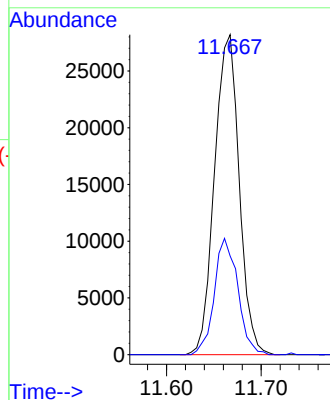
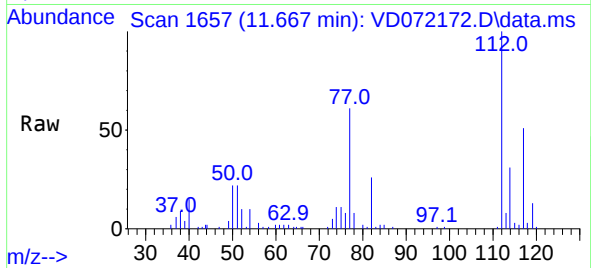




#65
Chlorobenzene
Concen: 4.396 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

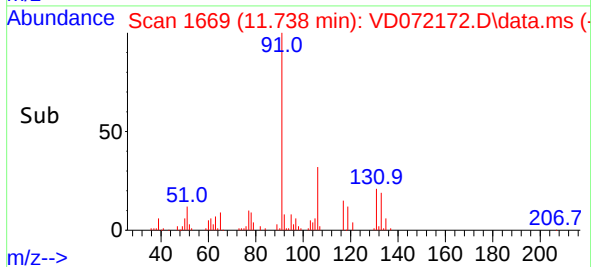
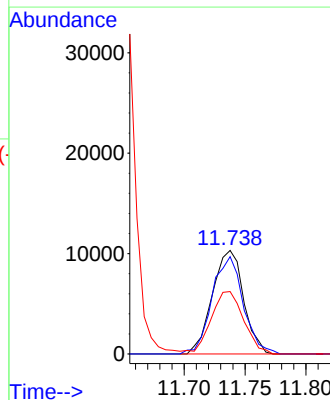
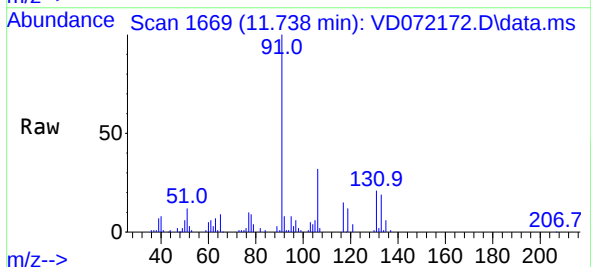
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

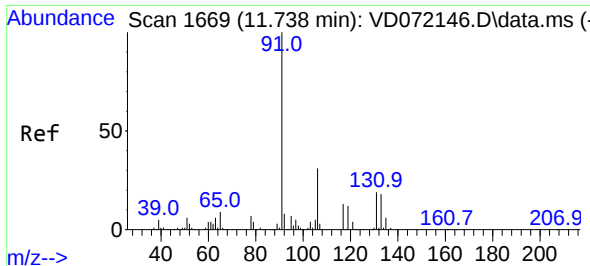
Tgt Ion:112 Resp: 51000
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.005 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:131 Resp: 18376
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.3
119 63.1 31.9 95.9

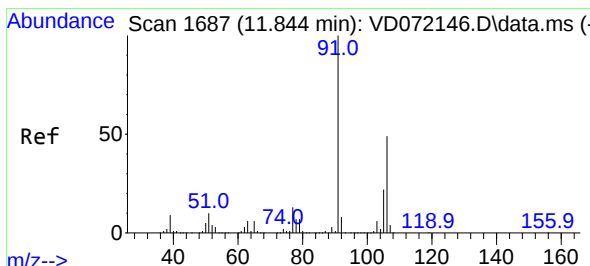
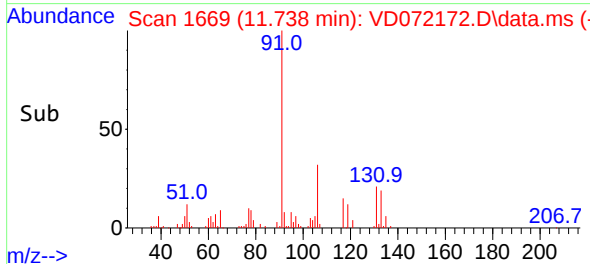
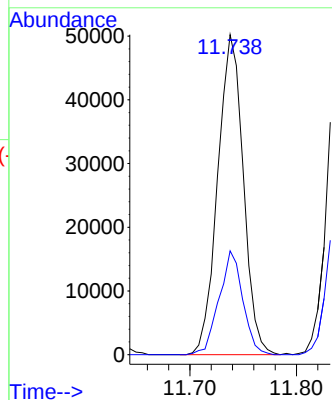
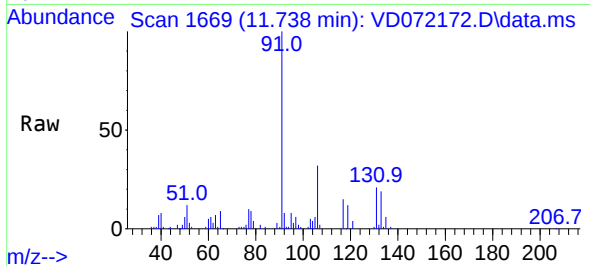




#67
Ethyl Benzene
Concen: 4.046 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

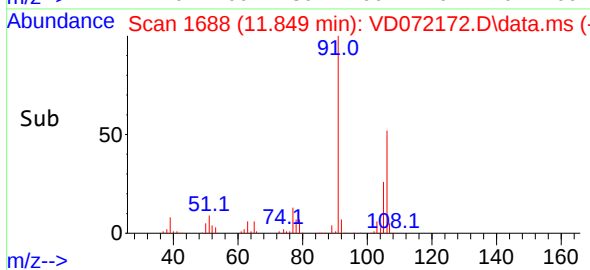
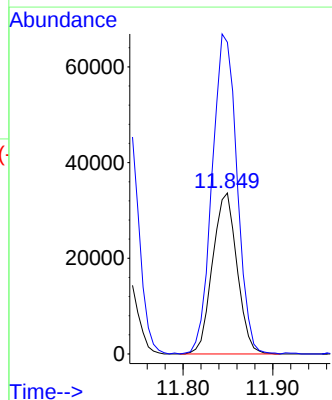
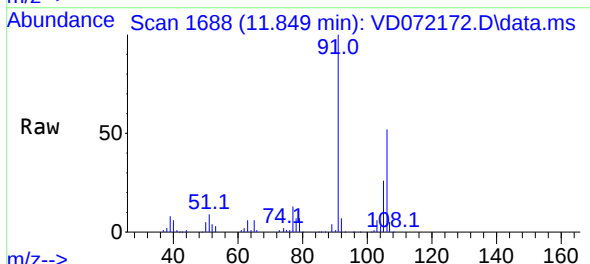
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

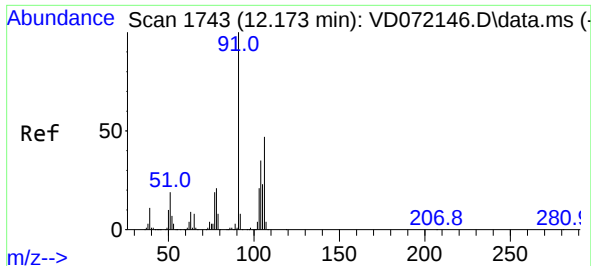
Tgt Ion: 91 Resp: 83832
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.4



#68
m/p-Xylenes
Concen: 8.098 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:106 Resp: 63720
Ion Ratio Lower Upper
106 100
91 201.9 163.7 245.5

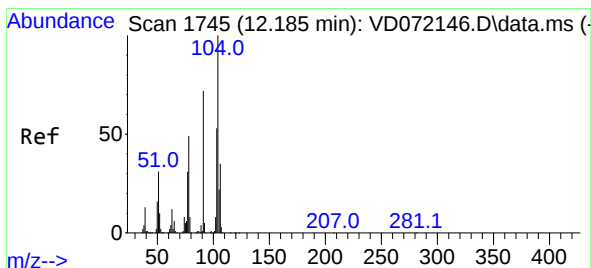
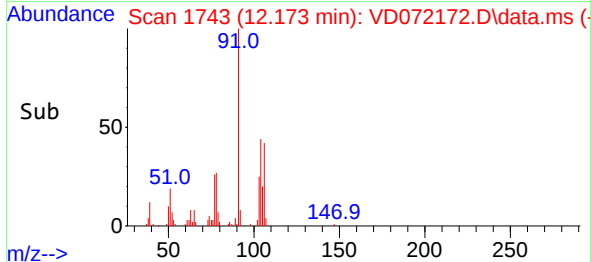
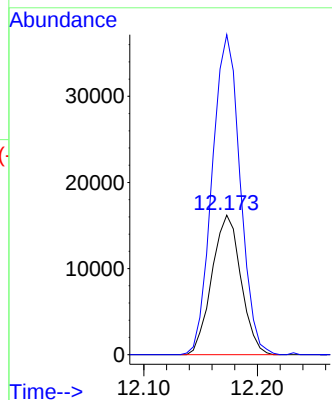
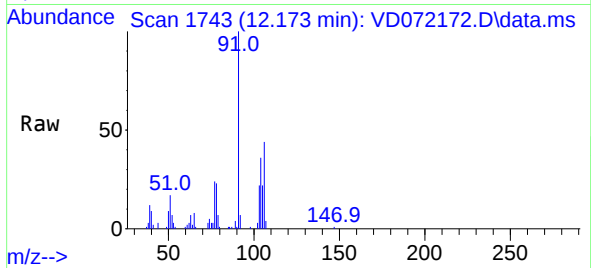




#69
o-Xylene
Concen: 3.820 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

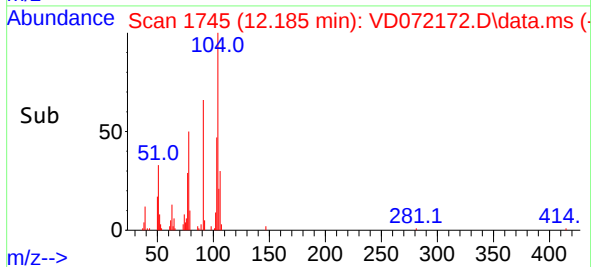
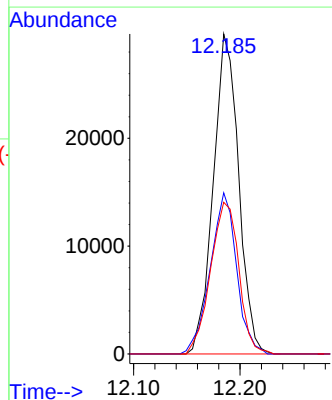
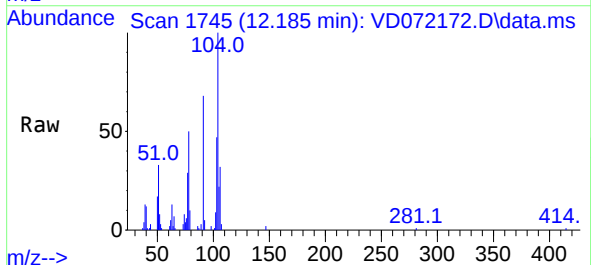
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

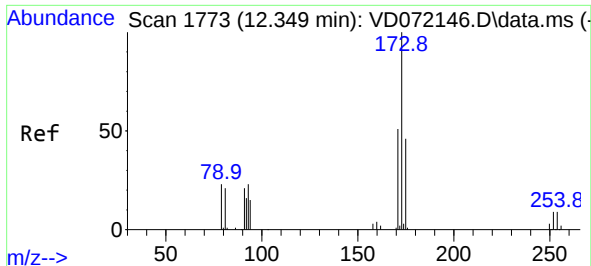
Tgt Ion:106 Resp: 28753
Ion Ratio Lower Upper
106 100
91 221.4 110.4 331.2



#70
Styrene
Concen: 3.734 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:104 Resp: 49079
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 52.8 44.2 66.4

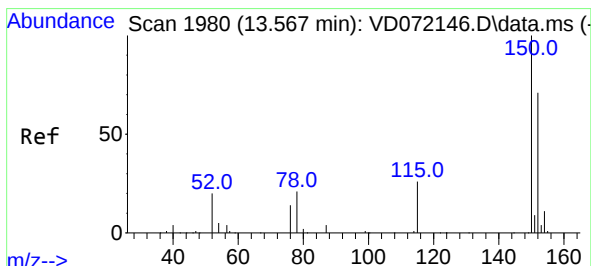
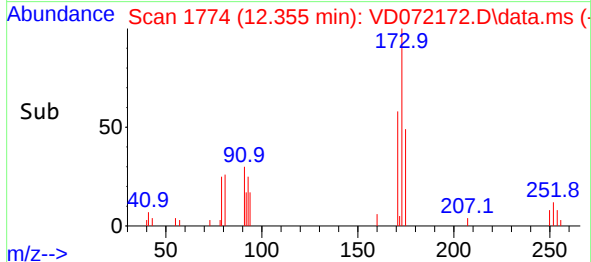
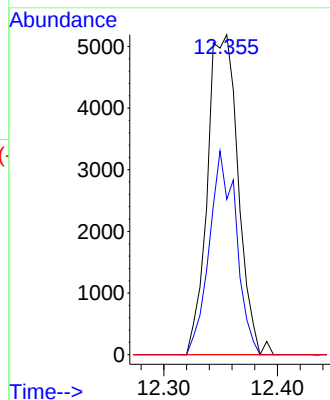
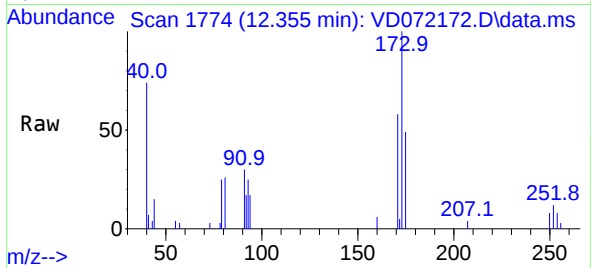




#71
Bromoform
Concen: 3.978 ug/l
RT: 12.355 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

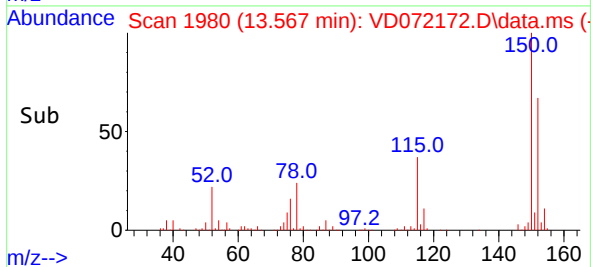
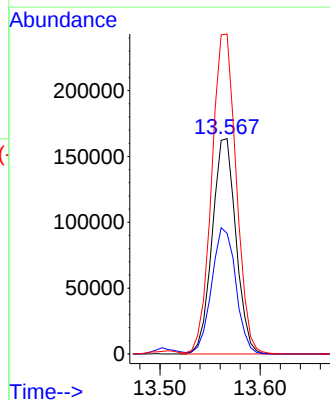
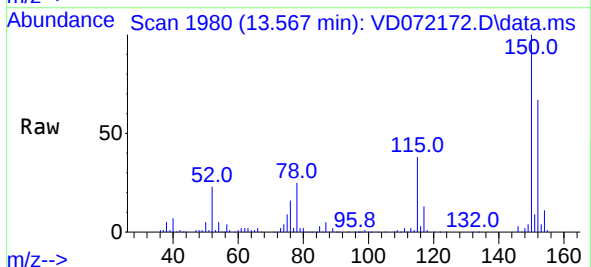
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

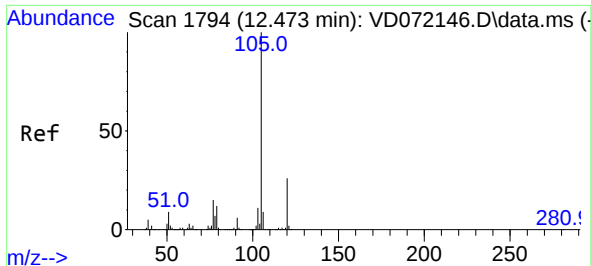
Tgt Ion:173 Resp: 9749
Ion Ratio Lower Upper
173 100
175 55.7 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:152 Resp: 268847
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 153.9 0.0 348.6

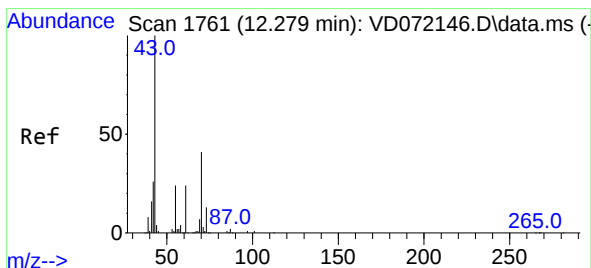
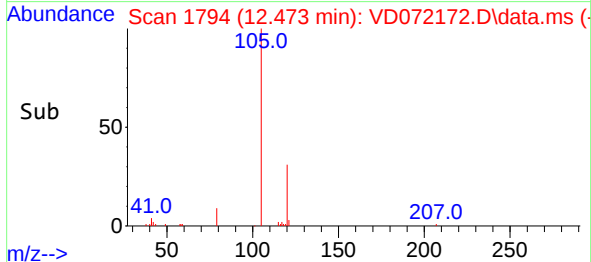
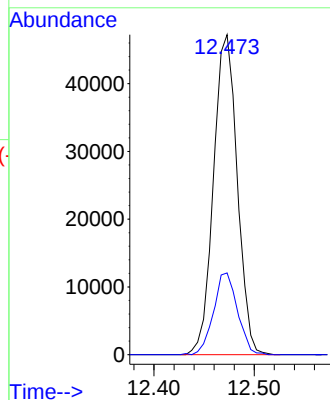
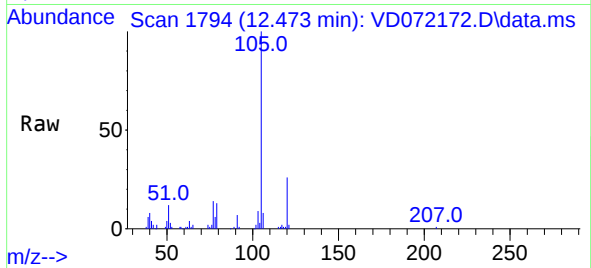




#73
Isopropylbenzene
Concen: 3.644 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

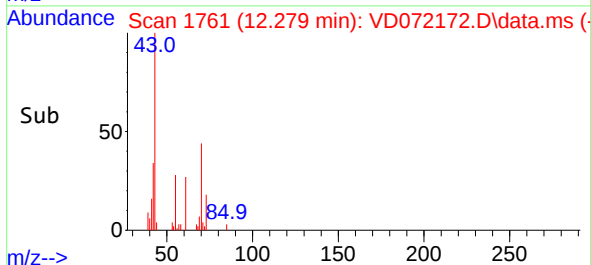
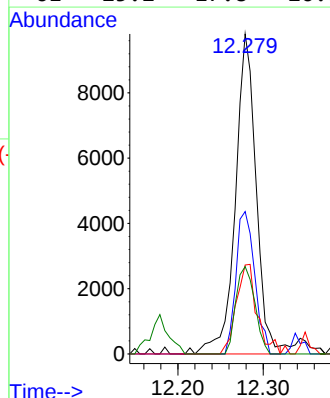
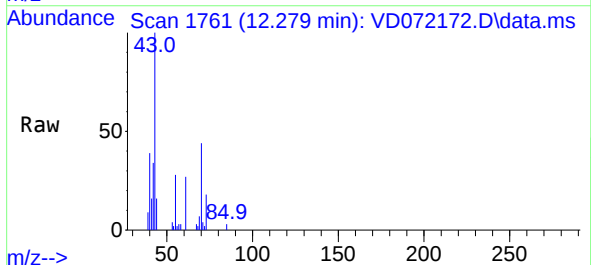
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

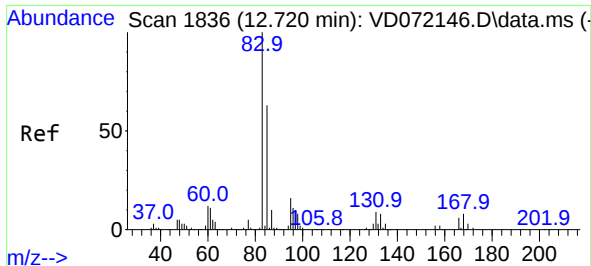
Tgt Ion:105 Resp: 77638
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 3.602 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 43 Resp: 16492
Ion Ratio Lower Upper
43 100
70 40.4 31.3 46.9
55 28.5 20.0 30.0
61 25.2 17.8 26.8

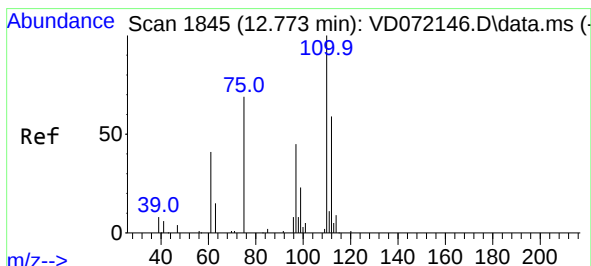
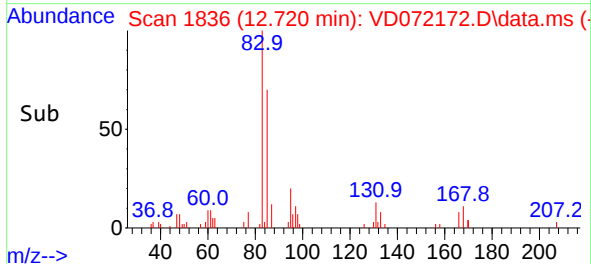
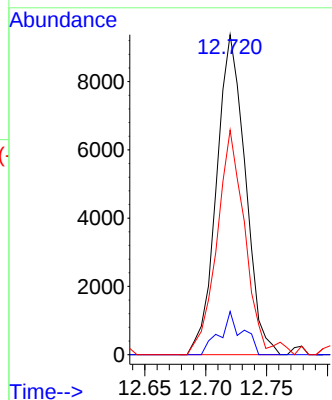
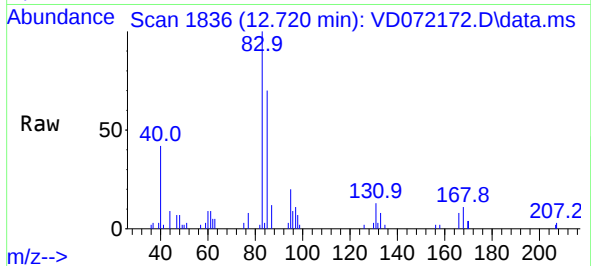




#75
1,1,2,2-Tetrachloroethane
Concen: 4.047 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

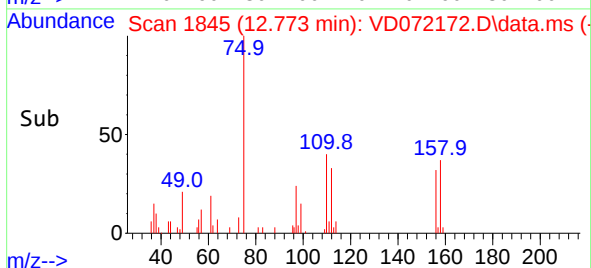
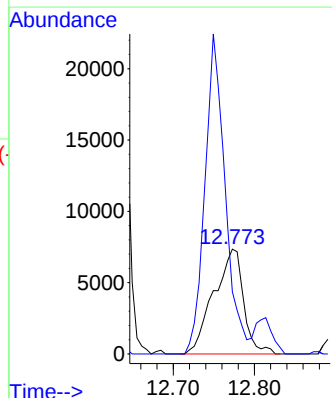
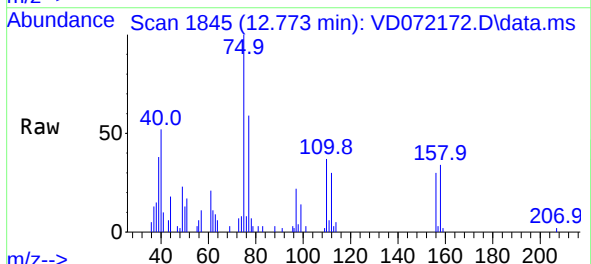
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

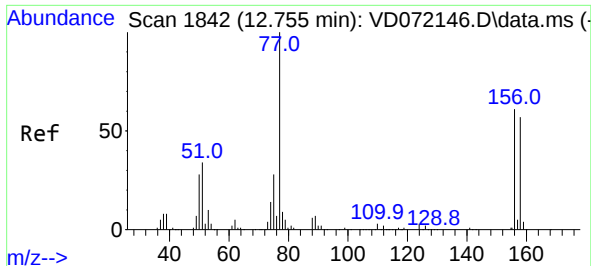
Tgt Ion: 83 Resp: 15421
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 68.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 6.321 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 75 Resp: 18747
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

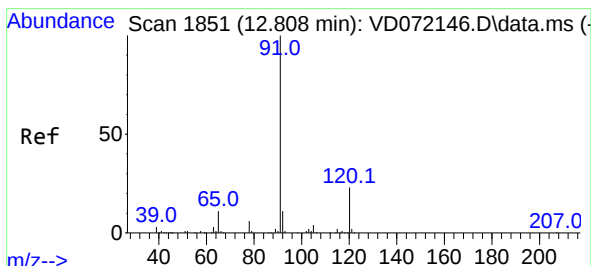
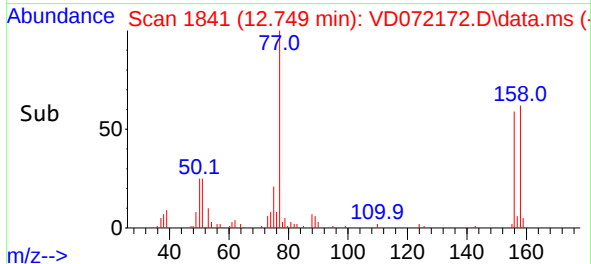
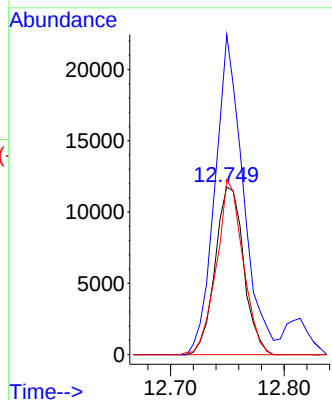
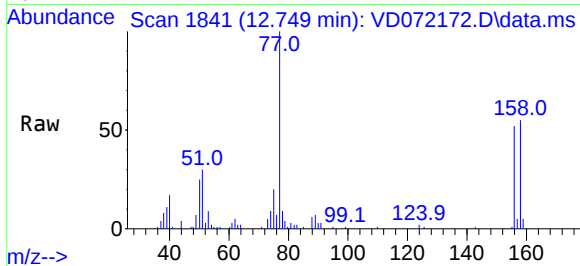




#77
Bromobenzene
Concen: 4.269 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

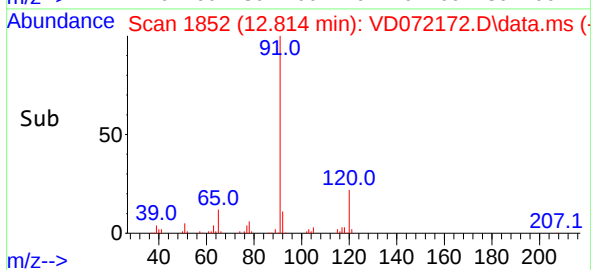
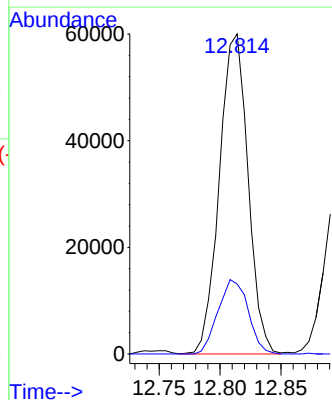
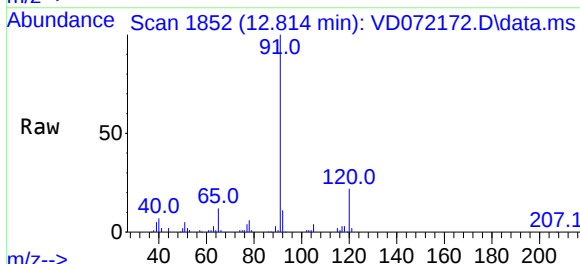
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

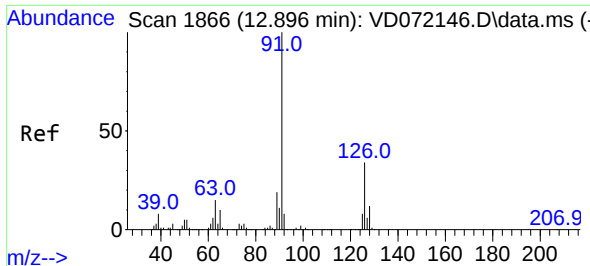
Tgt Ion:156 Resp: 20469
Ion Ratio Lower Upper
156 100
77 189.1 102.8 308.3
158 97.9 48.7 146.1



#78
n-propylbenzene
Concen: 3.801 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 91 Resp: 98351
Ion Ratio Lower Upper
91 100
120 24.4 10.9 32.9

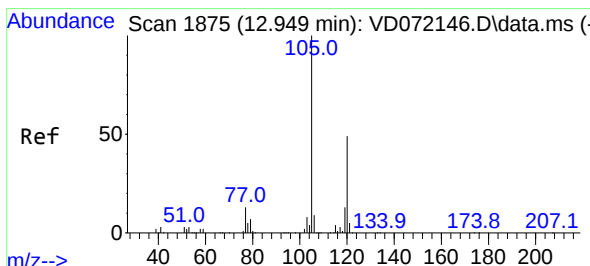
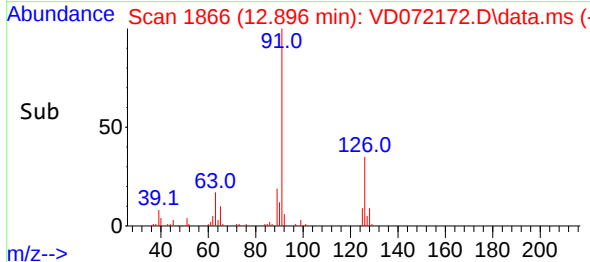
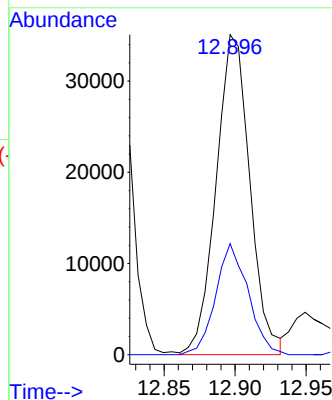
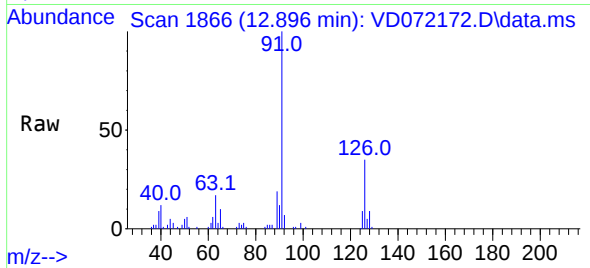




#79
2-Chlorotoluene
Concen: 3.881 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

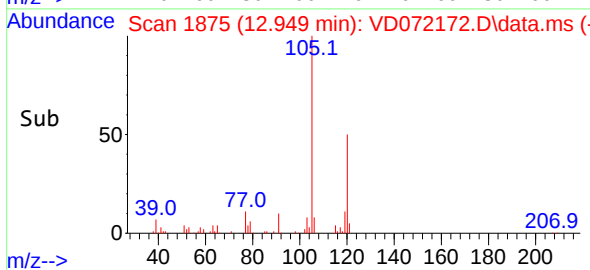
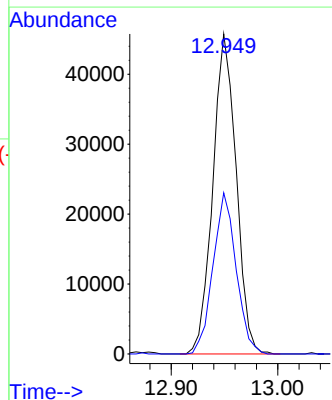
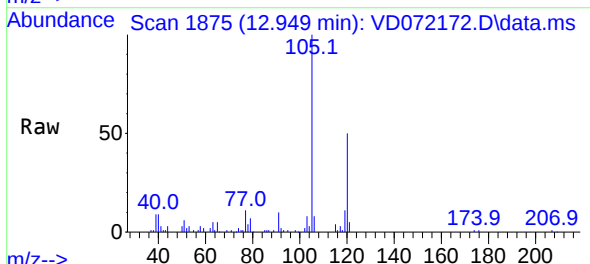
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

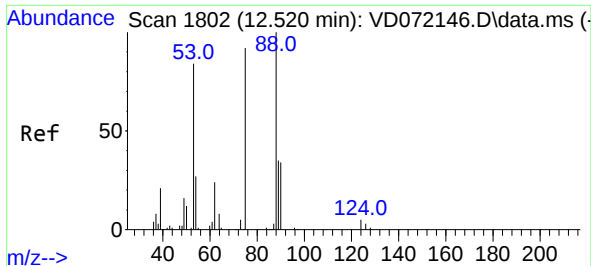
Tgt Ion: 91 Resp: 58077
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 3.798 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:105 Resp: 69506
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.8

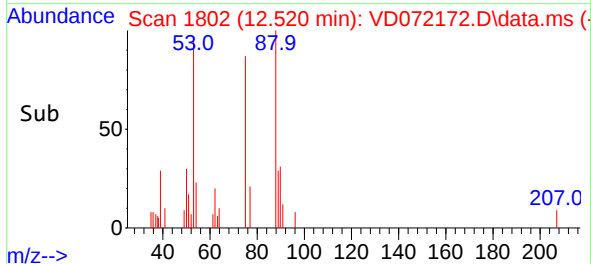
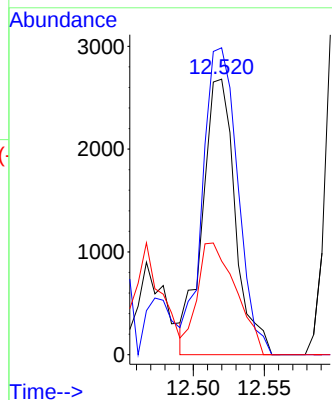
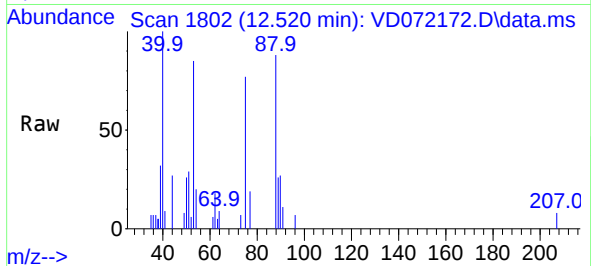




#81
trans-1,4-Dichloro-2-butene
Concen: 3.614 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

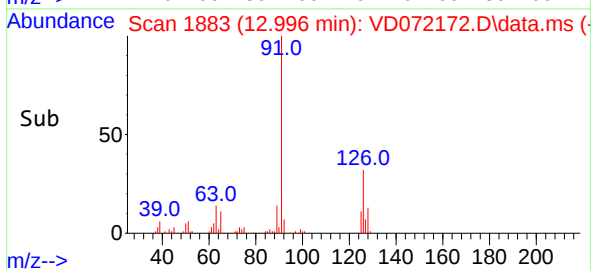
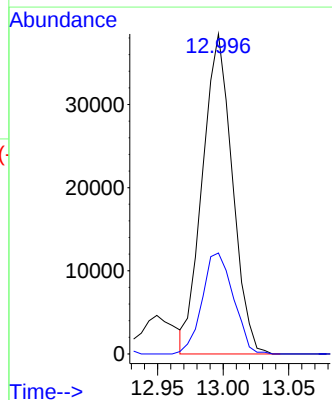
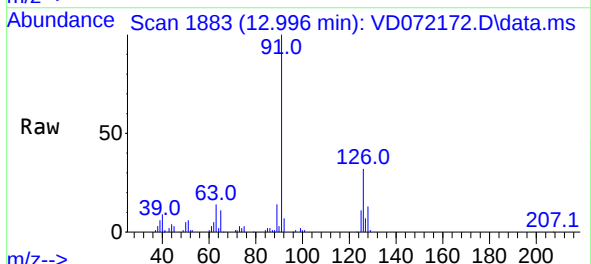
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

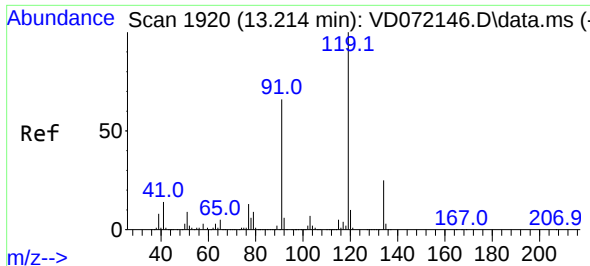
Tgt Ion: 75 Resp: 4320
Ion Ratio Lower Upper
75 100
53 118.6 86.5 129.7
89 47.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 3.934 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion: 91 Resp: 60955
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5

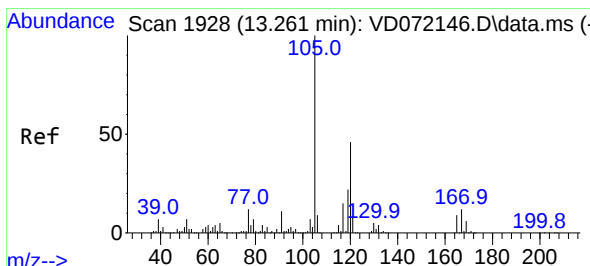
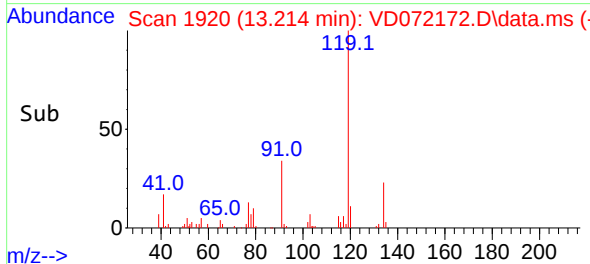
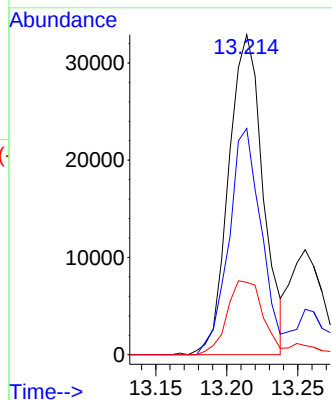
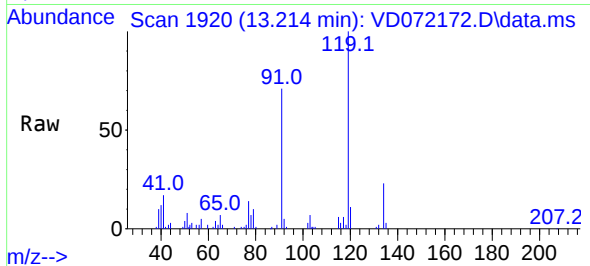




#83
tert-Butylbenzene
Concen: 3.453 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

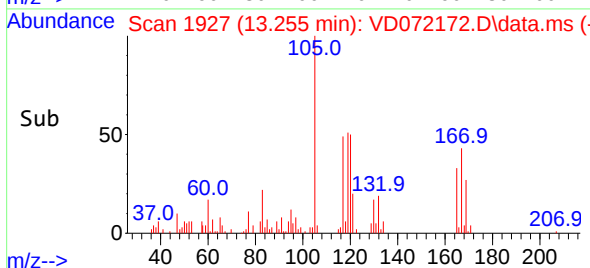
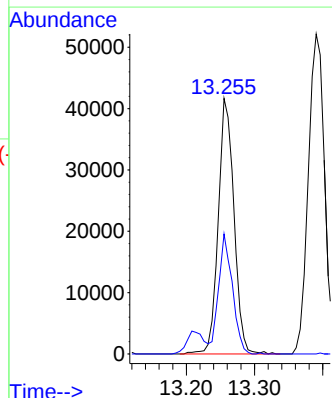
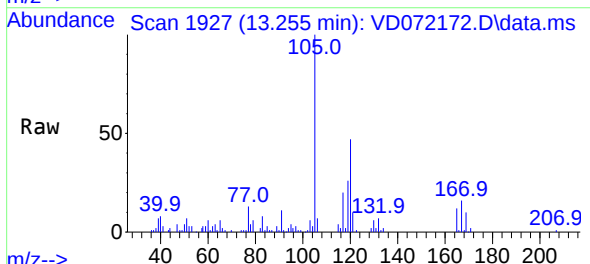
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

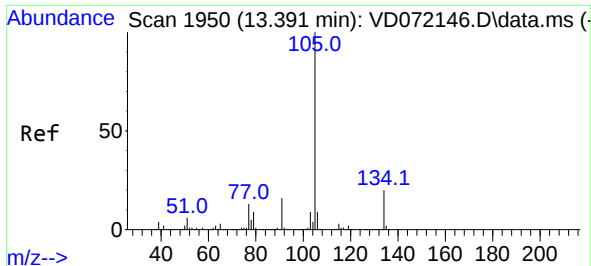
Tgt Ion:119 Resp: 55410
Ion Ratio Lower Upper
119 100
91 68.2 34.8 104.5
134 24.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 3.712 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:105 Resp: 66944
Ion Ratio Lower Upper
105 100
120 41.6 22.3 66.8

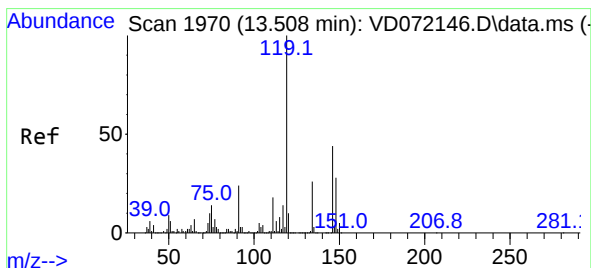
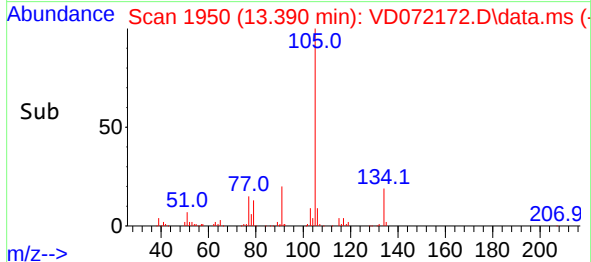
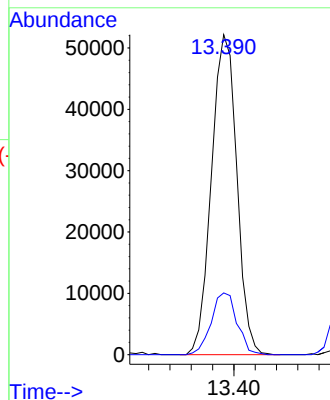
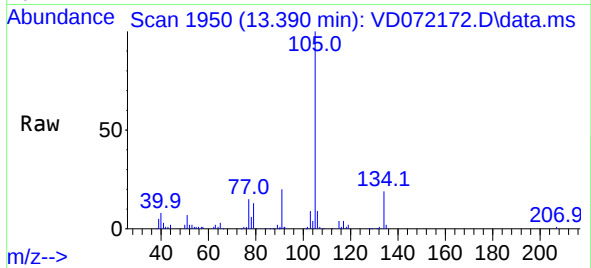




#85
 sec-Butylbenzene
 Concen: 3.571 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072172.D
 Acq: 14 Mar 2022 17:25

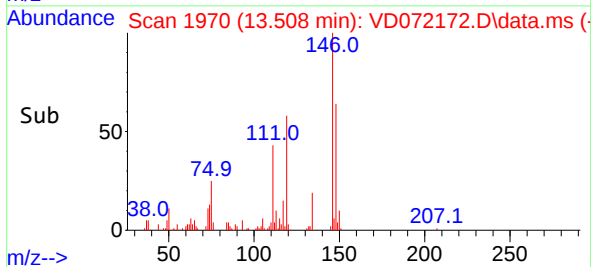
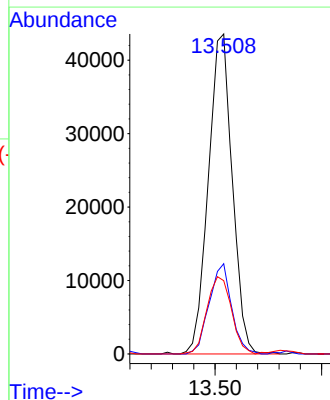
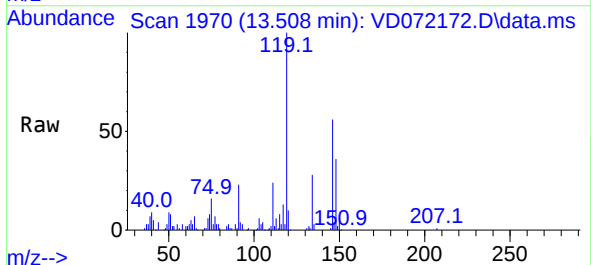
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

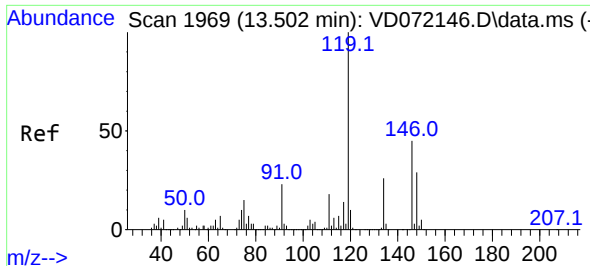
Tgt Ion:105 Resp: 86051
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 3.435 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD072172.D
 Acq: 14 Mar 2022 17:25

Tgt Ion:119 Resp: 68122
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.6
 91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 3.996 ug/l

RT: 13.508 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

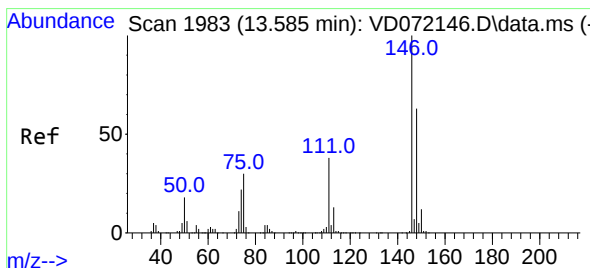
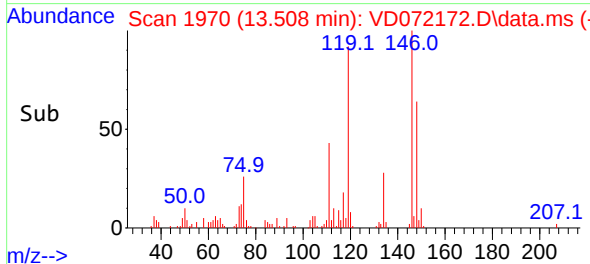
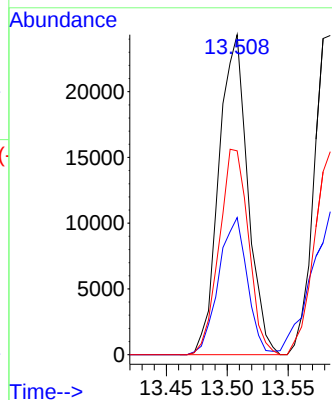
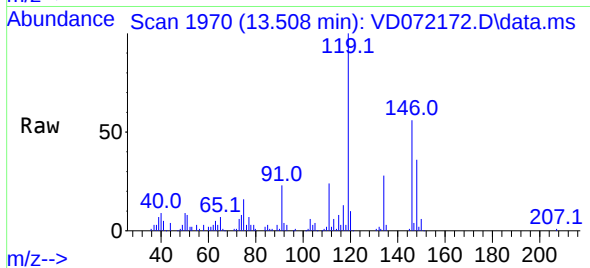
Tgt Ion:146 Resp: 40156

Ion Ratio Lower Upper

146 100

111 42.6 20.4 61.3

148 65.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 4.146 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

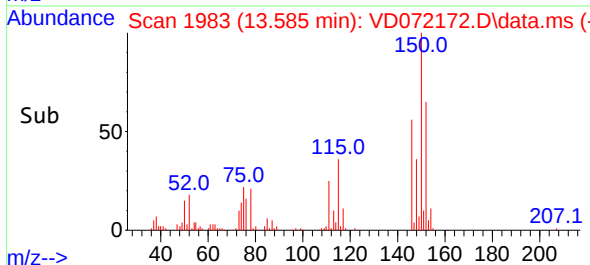
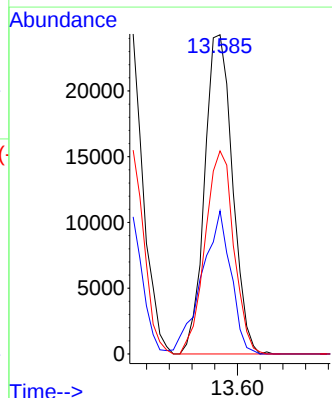
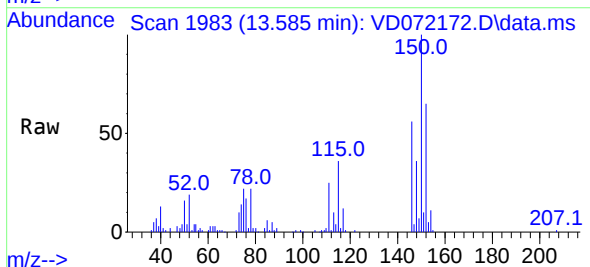
Tgt Ion:146 Resp: 41321

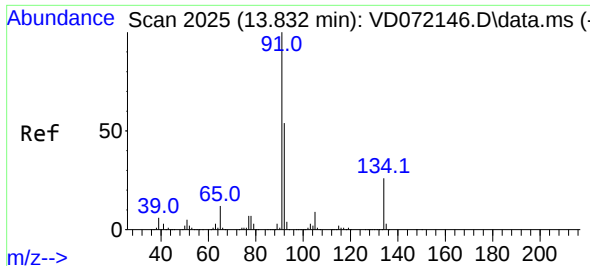
Ion Ratio Lower Upper

146 100

111 47.1 20.3 60.9

148 65.7 31.7 95.1

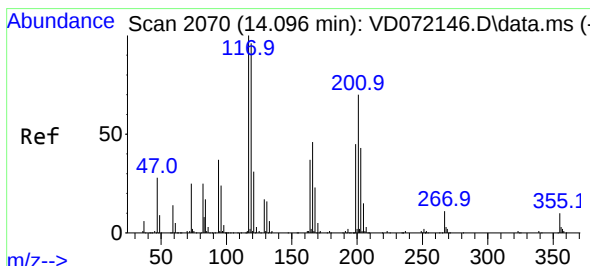
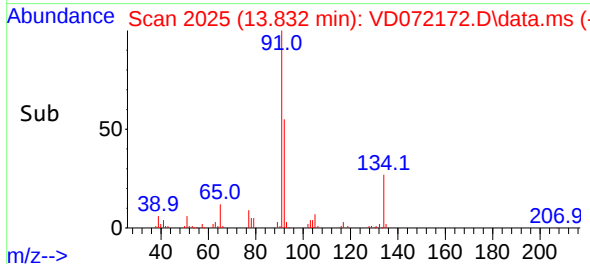
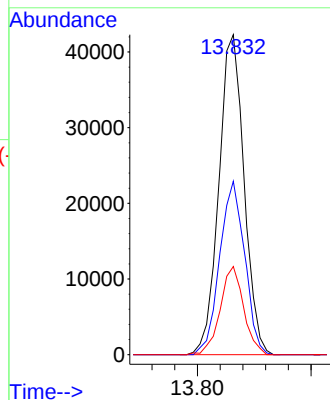
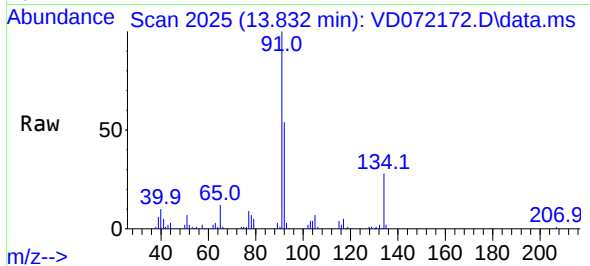




#89
n-Butylbenzene
Concen: 3.448 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

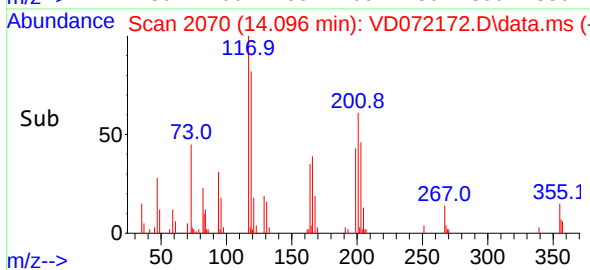
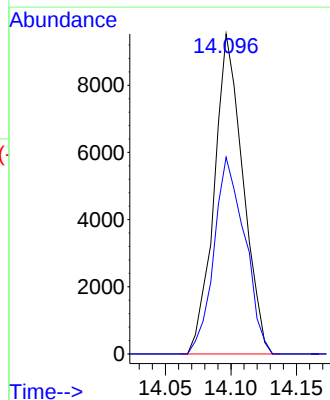
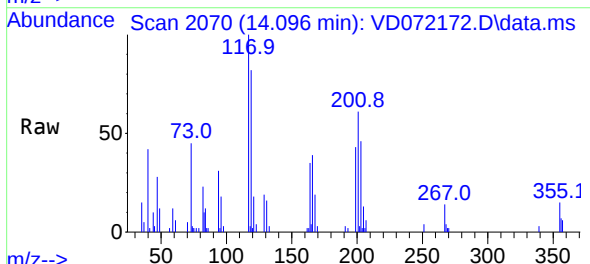
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

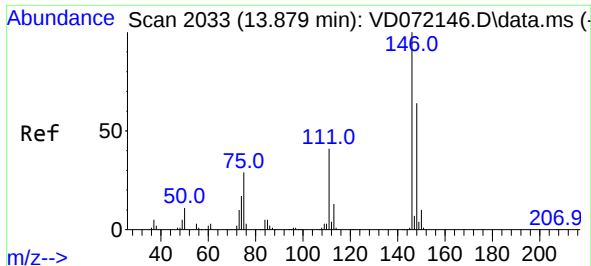
Tgt Ion:	91	Resp:	65171
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.8
134	25.7	12.3	36.9



#90
Hexachloroethane
Concen: 3.745 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:	117	Resp:	14556
Ion	Ratio	Lower	Upper
117	100		
201	65.6	33.4	100.2





#91

1,2-Dichlorobenzene

Concen: 3.910 ug/l

RT: 13.873 min Scan# 2033

Delta R.T. -0.006 min

Lab File: VD072172.D

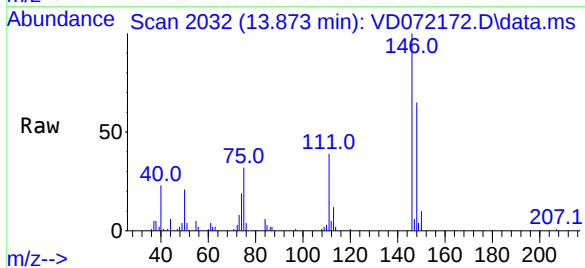
Acq: 14 Mar 2022 17:25

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022



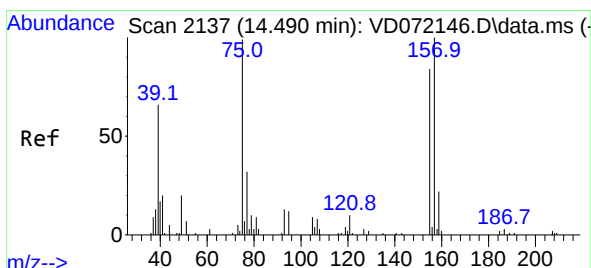
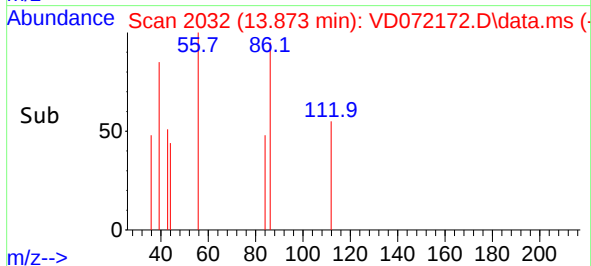
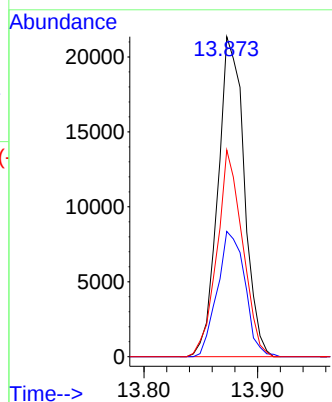
Tgt Ion:146 Resp: 34256

Ion Ratio Lower Upper

146 100

111 41.2 21.1 63.3

148 63.1 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.052 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD072172.D

Acq: 14 Mar 2022 17:25

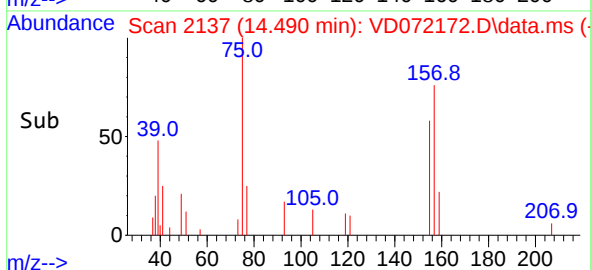
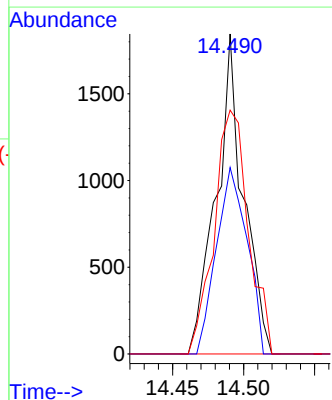
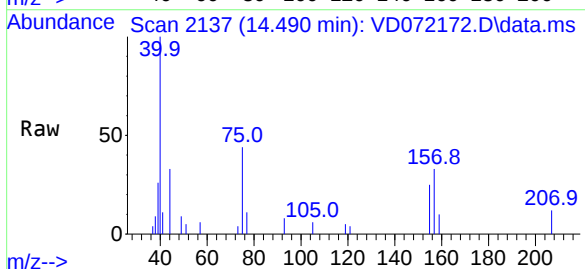
Tgt Ion: 75 Resp: 2464

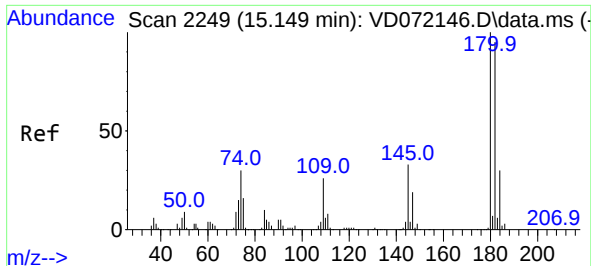
Ion Ratio Lower Upper

75 100

155 65.7 36.8 110.3

157 95.3 48.4 145.0

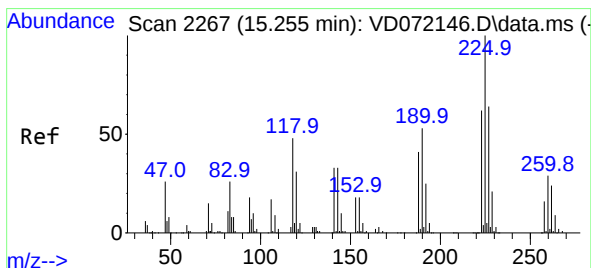
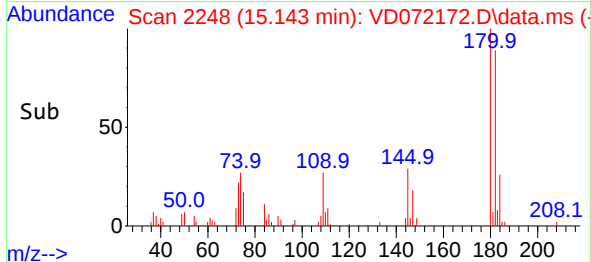
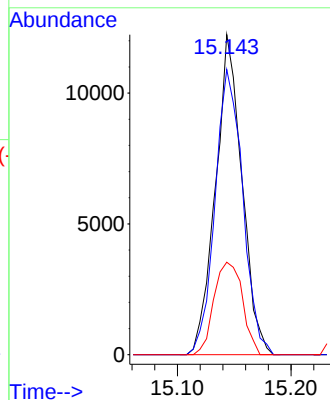
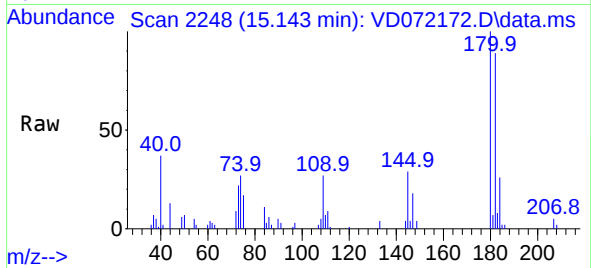




#93
1,2,4-Trichlorobenzene
Concen: 3.412 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

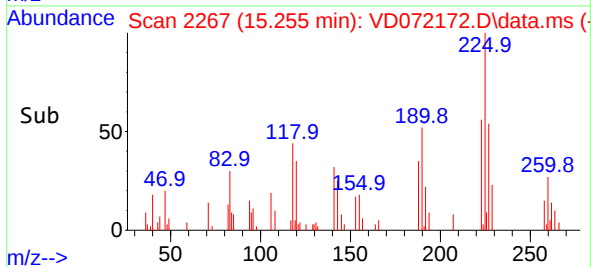
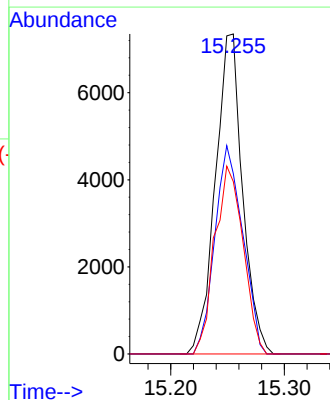
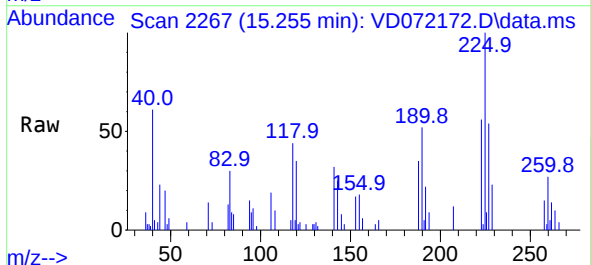
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:180 Resp: 19794
Ion Ratio Lower Upper
180 100
182 93.1 47.3 142.0
145 31.1 16.2 48.5



#94
Hexachlorobutadiene
Concen: 3.632 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:225 Resp: 12255
Ion Ratio Lower Upper
225 100
223 66.8 31.1 93.2
227 61.1 32.4 97.0

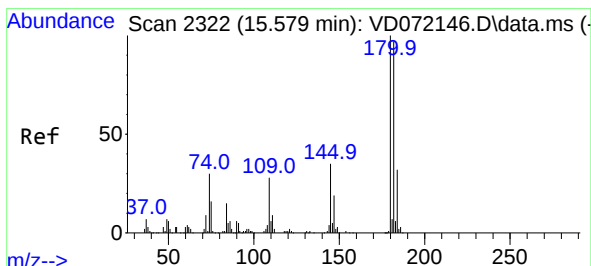
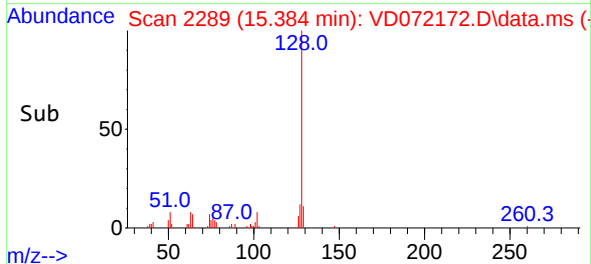
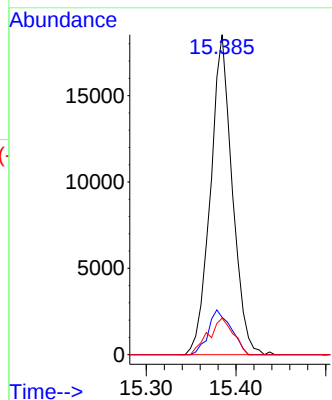
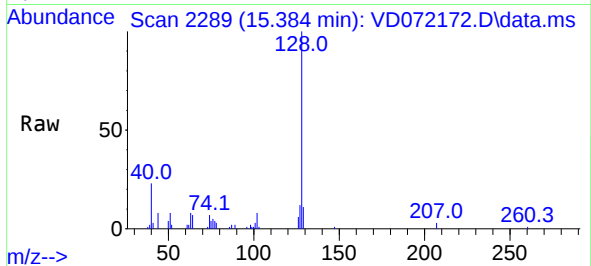




#95
Naphthalene
Concen: 3.129 ug/l
RT: 15.384 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

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

Tgt Ion:128 Resp: 31284
Ion Ratio Lower Upper
128 100
127 14.6 10.3 15.5
129 13.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 3.689 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072172.D
Acq: 14 Mar 2022 17:25

Tgt Ion:180 Resp: 18525
Ion Ratio Lower Upper
180 100
182 91.7 47.6 142.9
145 32.5 17.1 51.3

