

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030121\
 Data File : VW020425.D
 Acq On : 01 Mar 2021 15:36
 Operator : SY/MD
 Sample : M1344-06
 Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-04

Quant Time: Mar 02 00:17:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 02 00:15:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	558743	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	548610	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	287693	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	124750	45.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.24%		
7) Chloroethane-d5	1.568	69	117193	47.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.86%		
11) 1,1-Dichloroethene-d2	2.108	63	194451	34.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.16%		
21) 2-Butanone-d5	3.883	46	187236	89.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.95%		
24) Chloroform-d	4.346	84	291950	46.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.36%		
26) 1,2-Dichloroethane-d4	5.031	65	193662	48.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.98%		
32) Benzene-d6	5.050	84	583218	48.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.60%		
36) 1,2-Dichloropropane-d6	6.069	67	185895	49.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.38%		
41) Toluene-d8	7.317	98	542108	47.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.16%		
43) trans-1,3-Dichloroprop...	7.622	79	81930	45.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.80%		
47) 2-Hexanone-d5	8.088	63	123514	83.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.28%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	234605	44.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.44%		
66) 1,2-Dichlorobenzene-d4	11.632	152	250160	49.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.54%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	9866	2.17	ug/L	95
3) Chloromethane	1.240	50	8877	2.27	ug/L	99
5) Vinyl chloride	1.310	62	9818	2.31	ug/L #	79
6) Bromomethane	1.523	94	6800	2.44	ug/L	100
8) Chloroethane	1.584	64	5869	2.27	ug/L	96
9) Trichlorofluoromethane	1.751	101	13759	2.17	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	9790	2.82	ug/L #	80
12) 1,1-Dichloroethene	2.118	96	8822	2.72	ug/L #	1
13) Acetone	2.179	43	5739	3.75	ug/L	88
14) Carbon disulfide	2.294	76	18126	2.14	ug/L	96
15) Methyl Acetate	2.439	43	6429	2.01	ug/L	97
16) Methylene chloride	2.507	84	9441	2.56	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	7150	2.11	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	19900	1.95	ug/L	98
19) 1,1-Dichloroethane	3.191	63	12932	2.10	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	7878	2.10	ug/L	100
23) Bromochloromethane	4.252	128	4307	2.13	ug/L #	88
25) Chloroform	4.375	83	24995	3.70	ug/L	98
27) 1,2-Dichloroethane	5.140	62	9841	1.97	ug/L	99
29) Cyclohexane	4.680	56	9718	1.99	ug/L	98

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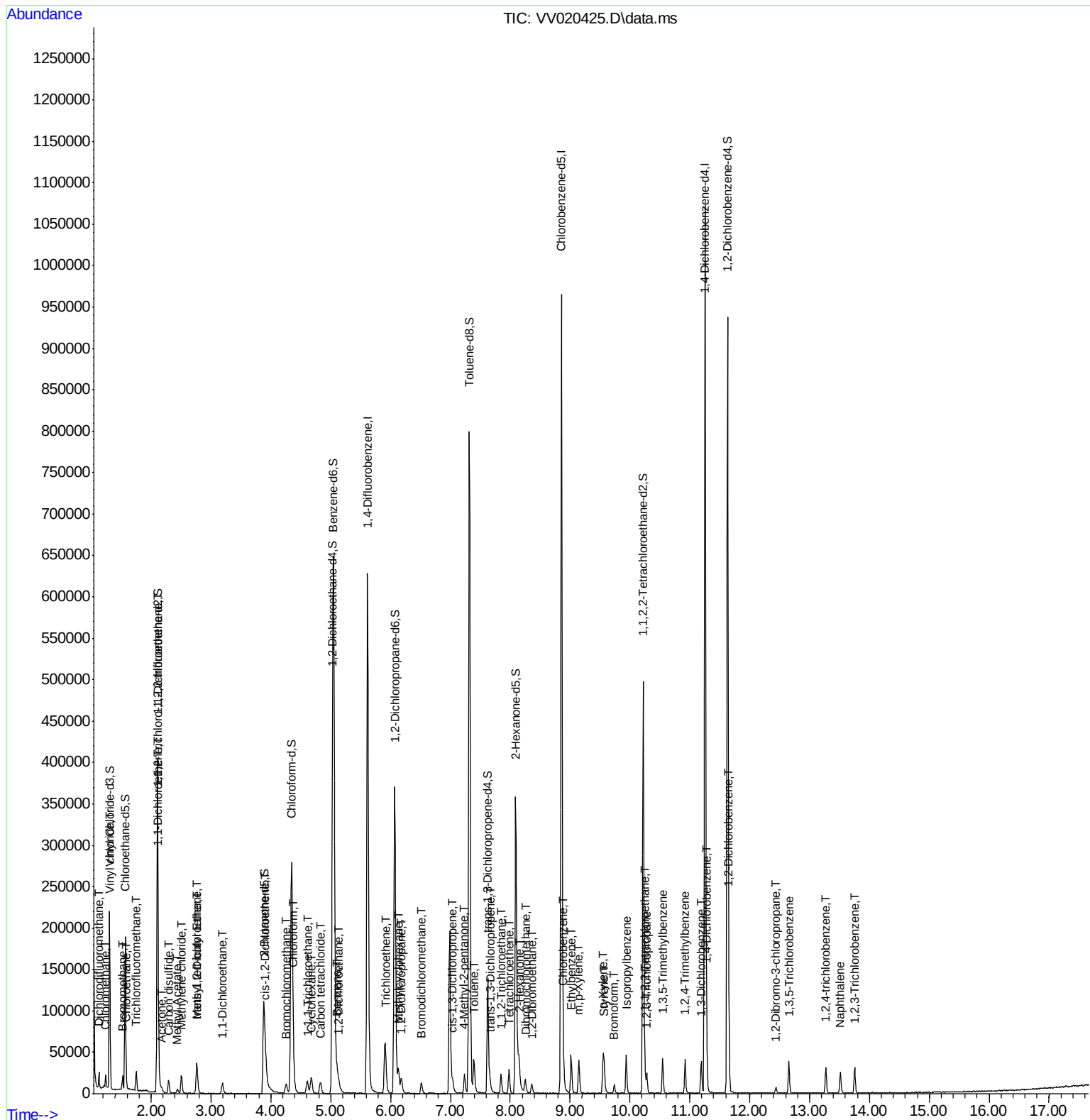
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.613	97	12020	2.08	ug/L	98
31) Carbon tetrachloride	4.828	117	10420	2.08	ug/L	99
33) Benzene	5.101	78	28297	2.05	ug/L	100
34) Trichloroethene	5.918	95	9919	2.48	ug/L	90
35) Methylcyclohexane	6.130	83	11142	2.08	ug/L	99
37) 1,2-Dichloropropane	6.182	63	6730	1.92	ug/L #	89
38) Bromodichloromethane	6.513	83	9635	2.00	ug/L	94
39) cis-1,3-Dichloropropene	7.034	75	11056	2.07	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	15298	3.53	ug/L	96
42) Toluene	7.394	91	31487	2.09	ug/L	96
44) trans-1,3-Dichloropropene	7.661	75	9307	1.79	ug/L	89
45) 1,1,2-Trichloroethane	7.844	97	8291	2.26	ug/L	96
46) Tetrachloroethene	7.982	164	7297	2.27	ug/L	96
48) 2-Hexanone	8.146	43	24859	7.42	ug/L	94
49) Dibromochloromethane	8.252	129	7847	1.98	ug/L	98
50) 1,2-Dibromoethane	8.358	107	7819	2.00	ug/L #	91
51) Chlorobenzene	8.886	112	22453	2.13	ug/L	99
52) Ethylbenzene	9.021	91	32775	1.96	ug/L	98
53) m,p-Xylene	9.146	106	11851	1.86	ug/L	89
54) o-Xylene	9.551	106	10852	1.73	ug/L	92
55) Styrene	9.571	104	18496	1.72	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.249	83	11672	2.16	ug/L	98
59) Bromoform	9.738	173	5042	1.87	ug/L	93
60) Isopropylbenzene	9.937	105	29319	1.86	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	9053	2.00	ug/L	94
62) 1,3,5-Trimethylbenzene	10.545	105	23306	1.80	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	22818	1.72	ug/L	100
64) 1,3-Dichlorobenzene	11.191	146	17602	2.12	ug/L	96
65) 1,4-Dichlorobenzene	11.281	146	18779	2.18	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	18842	2.27	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.439	75	1947	1.85	ug/L	94
69) 1,3,5-Trichlorobenzene	12.654	180	12939	2.00	ug/L	99
70) 1,2,4-trichlorobenzene	13.275	180	10766	1.92	ug/L	96
71) Naphthalene	13.516	128	21679	1.40	ug/L	99
72) 1,2,3-Trichlorobenzene	13.757	180	10054	1.78	ug/L	98

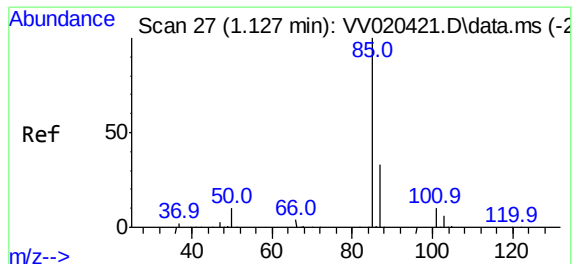
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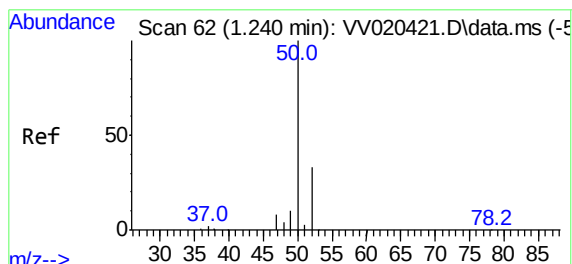
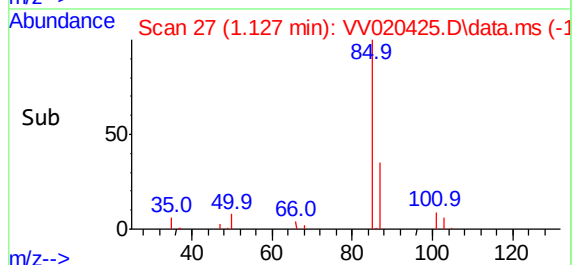
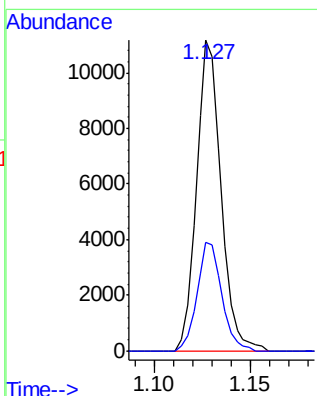
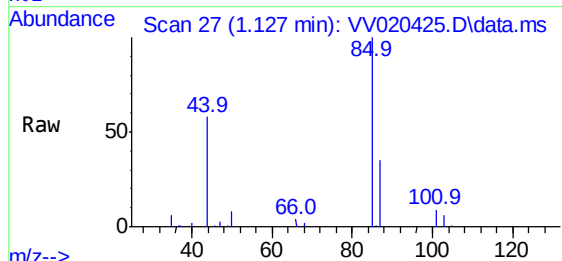




#2
Dichlorodifluoromethane
Concen: 2.17 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

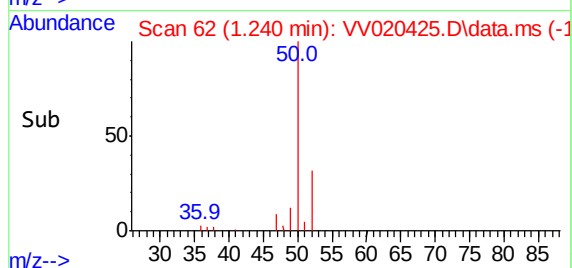
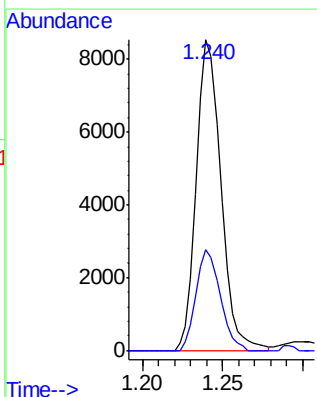
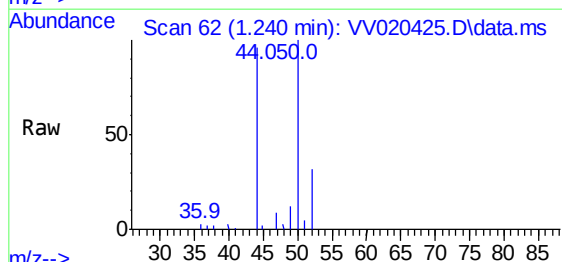
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

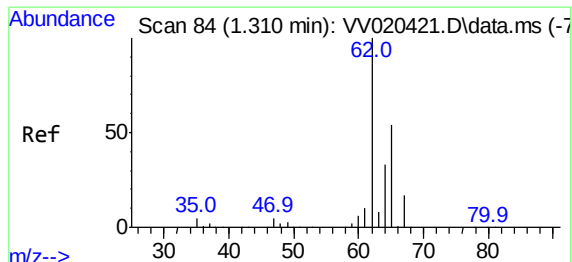
Tgt Ion: 85 Resp: 9866
Ion Ratio Lower Upper
85 100
87 35.3 26.2 39.2



#3
Chloromethane
Concen: 2.27 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 50 Resp: 8877
Ion Ratio Lower Upper
50 100
52 32.2 22.9 42.5

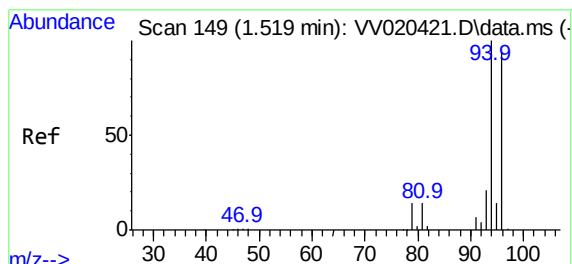
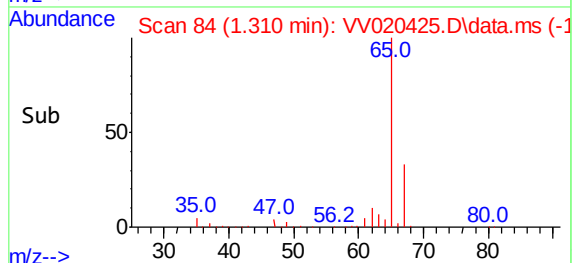
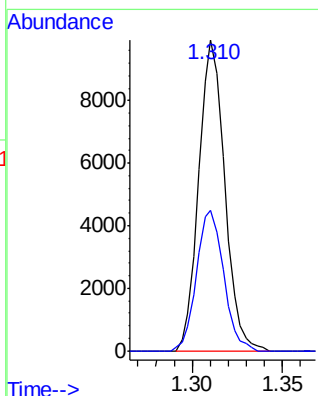
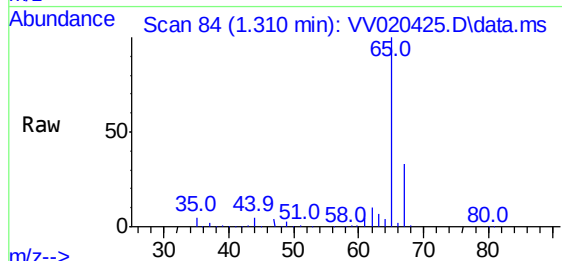




#5
 Vinyl chloride
 Concen: 2.31 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020425.D
 Acq: 01 Mar 2021 15:36

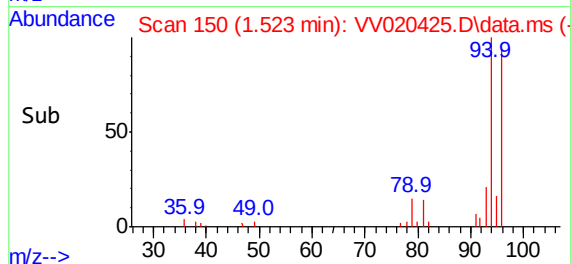
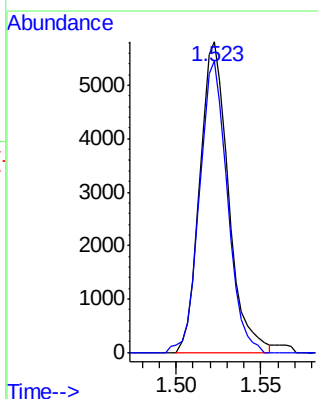
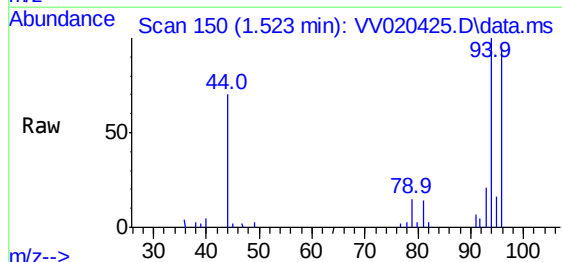
Instrument :
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 MDL-MED-SOIL-QT2-2021-04

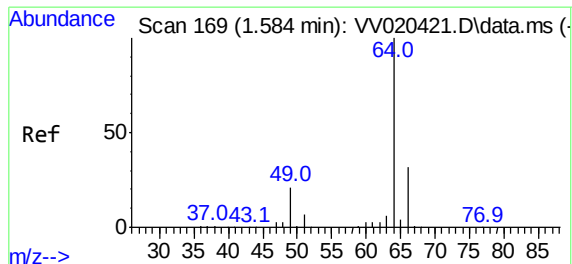
Tgt Ion: 62 Resp: 9818
 Ion Ratio Lower Upper
 62 100
 64 45.1 23.1 42.9#



#6
 Bromomethane
 Concen: 2.44 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV020425.D
 Acq: 01 Mar 2021 15:36

Tgt Ion: 94 Resp: 6800
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.9 122.5

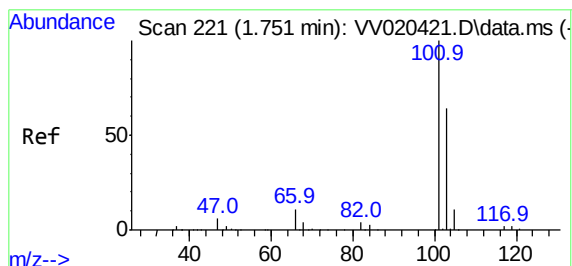
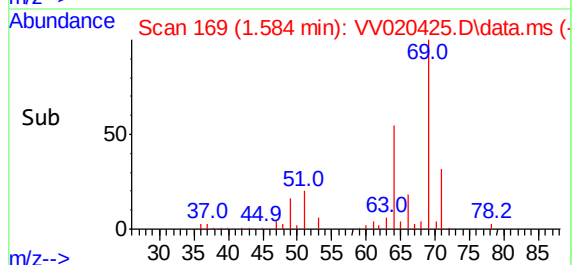
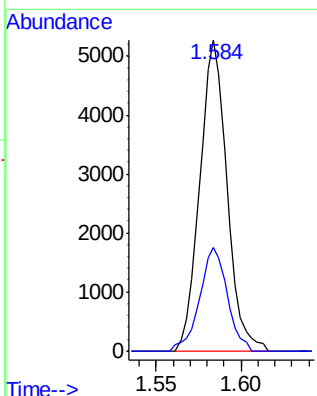
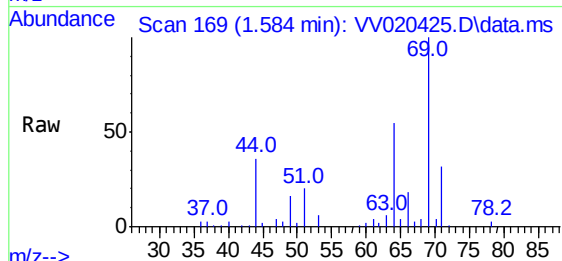




#8
Chloroethane
Concen: 2.27 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

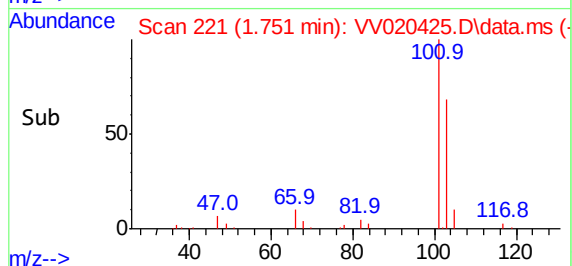
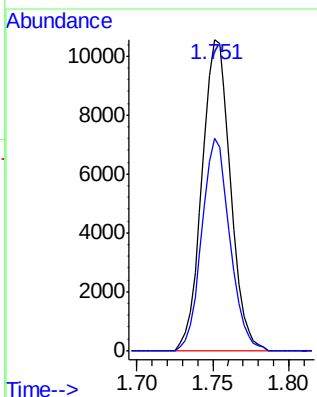
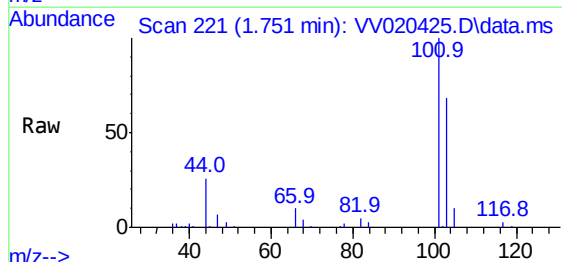
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

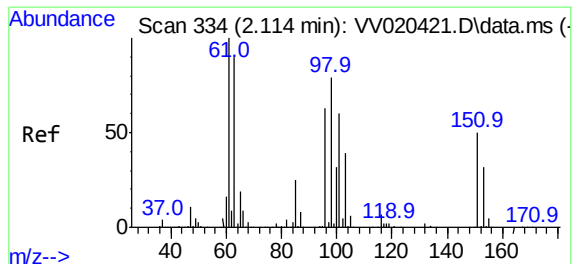
Tgt Ion: 64 Resp: 5869
Ion Ratio Lower Upper
64 100
66 33.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 2.17 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 101 Resp: 13759
Ion Ratio Lower Upper
101 100
103 67.0 51.8 77.6

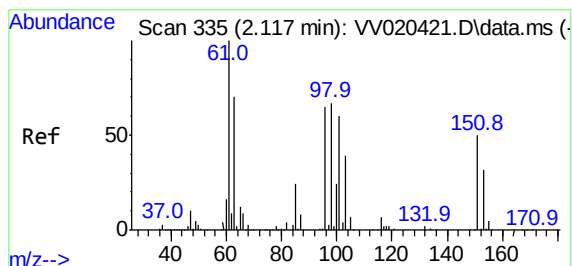
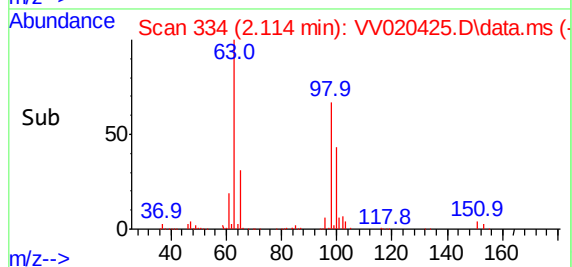
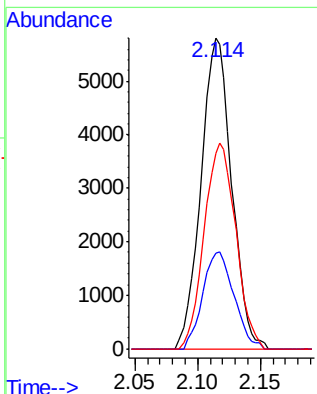
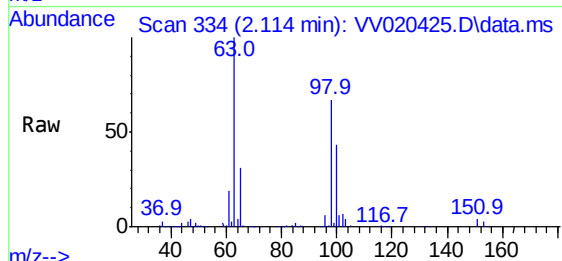




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.82 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV020425.D
 Acq: 01 Mar 2021 15:36

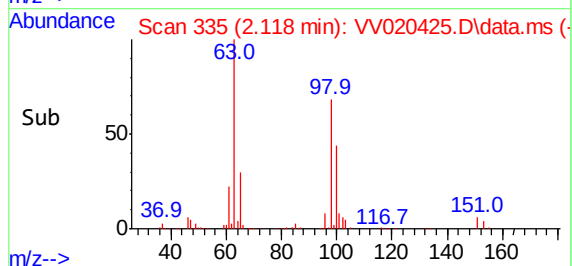
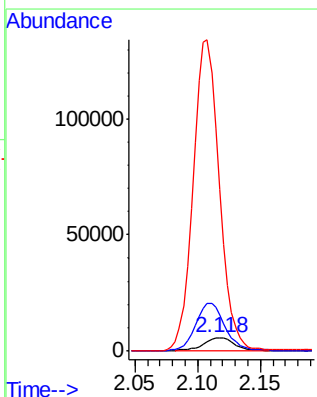
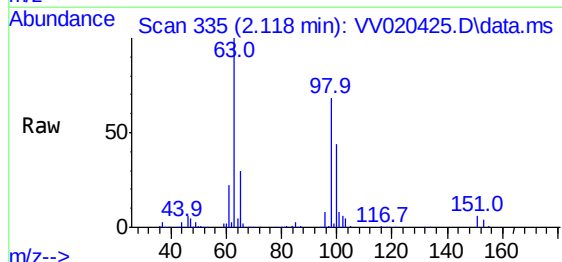
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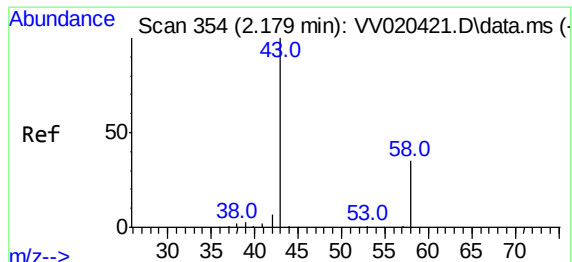
Tgt Ion:101 Resp: 9790
 Ion Ratio Lower Upper
 101 100
 85 31.6 32.4 48.6#
 151 68.4 71.0 106.6#



#12
 1,1-Dichloroethene
 Concen: 2.72 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020425.D
 Acq: 01 Mar 2021 15:36

Tgt Ion: 96 Resp: 8822
 Ion Ratio Lower Upper
 96 100
 61 276.3 110.9 206.1#
 63 1250.3 82.1 152.5#

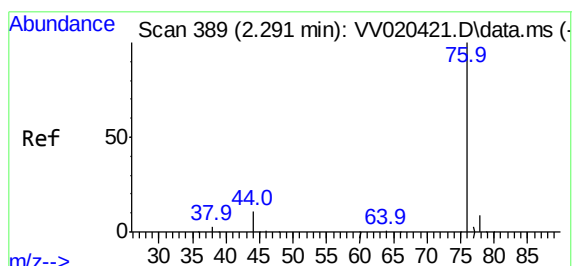
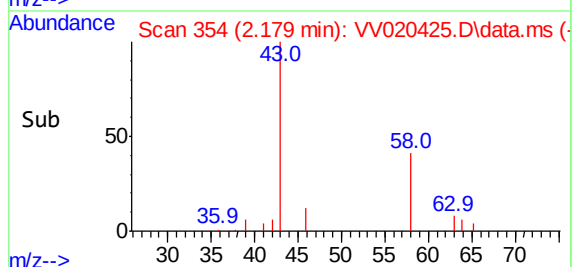
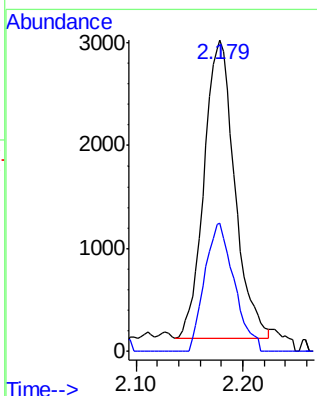
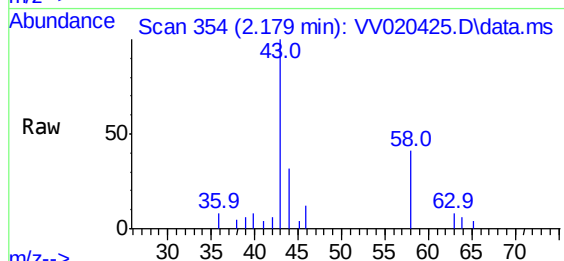




#13
Acetone
Concen: 3.75 ug/L
RT: 2.179 min Scan# 354
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

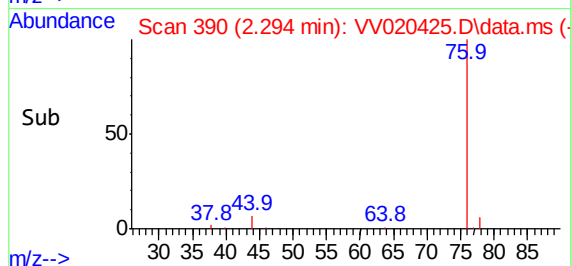
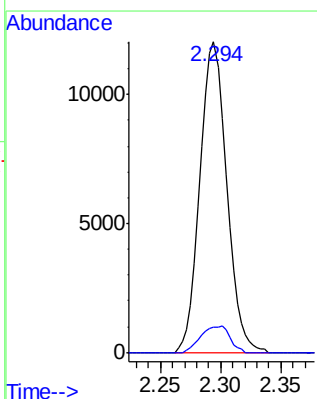
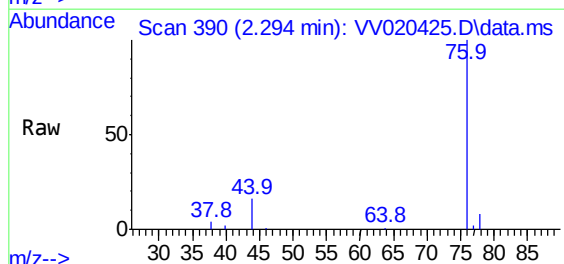
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MDL-MED-SOIL-QT2-2021-04

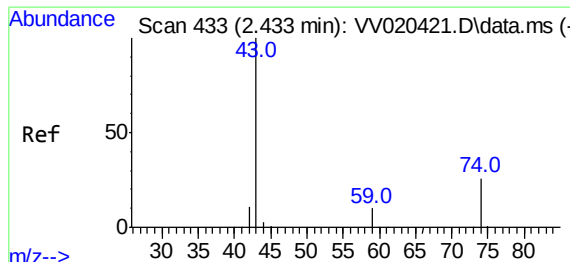
Tgt Ion: 43 Resp: 5739
Ion Ratio Lower Upper
43 100
58 41.1 0.0 68.0



#14
Carbon disulfide
Concen: 2.14 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 76 Resp: 18126
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

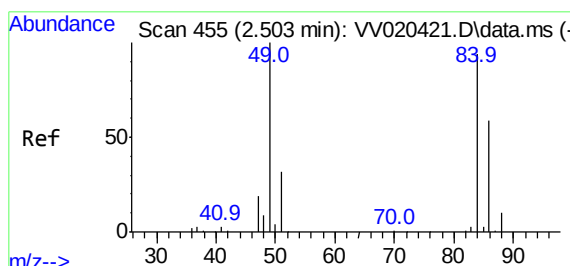
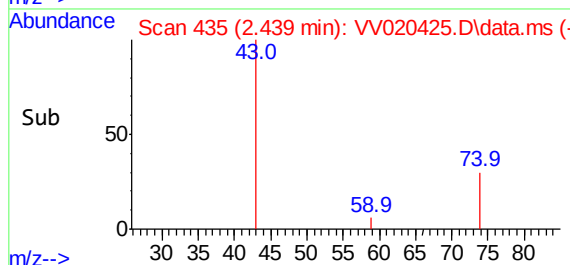
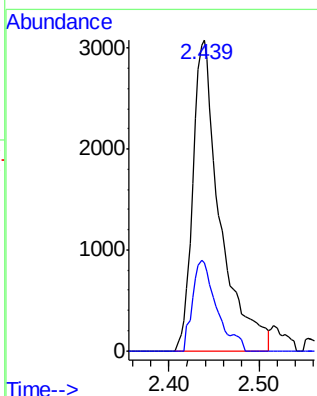
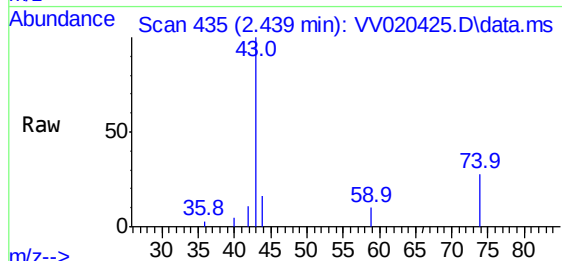




#15
Methyl Acetate
Concen: 2.01 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

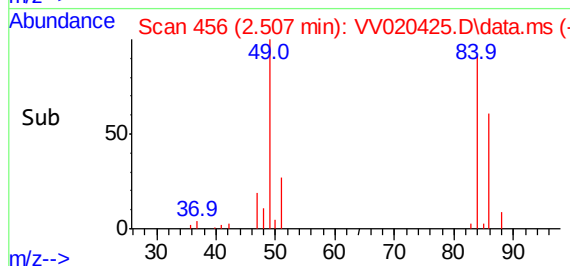
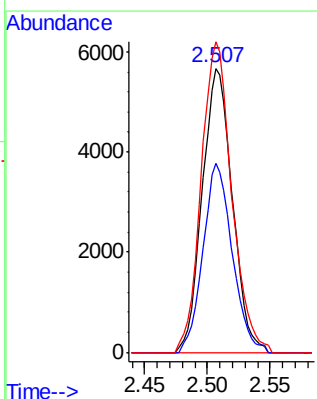
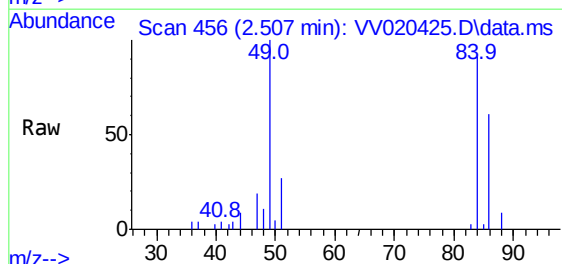
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

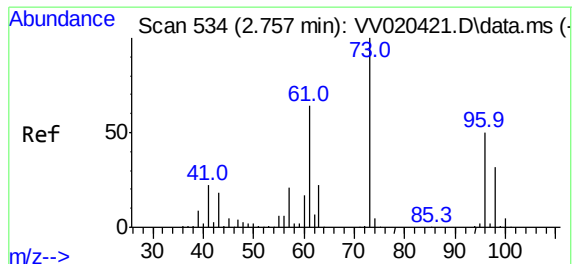
Tgt Ion: 43 Resp: 6429
Ion Ratio Lower Upper
43 100
74 24.0 20.6 30.8



#16
Methylene chloride
Concen: 2.56 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 84 Resp: 9441
Ion Ratio Lower Upper
84 100
86 66.6 44.8 83.2
49 109.4 78.5 145.7

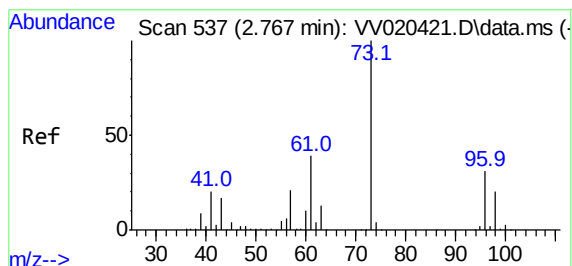
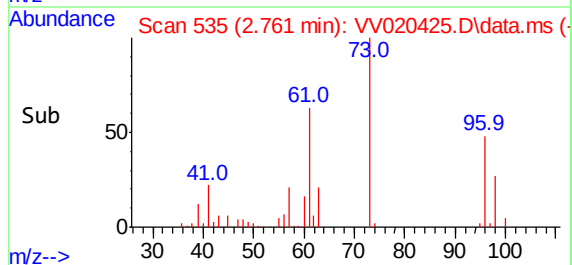
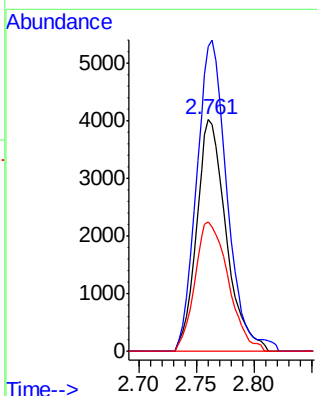
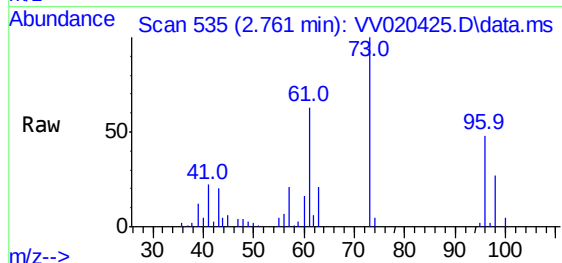




#17
trans-1,2-Dichloroethene
Concen: 2.11 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

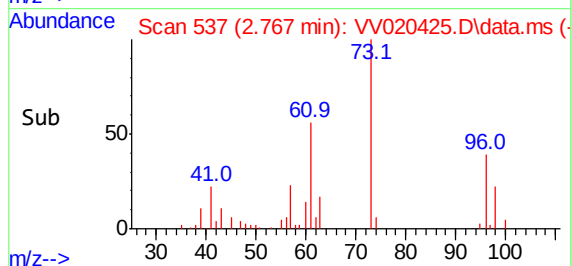
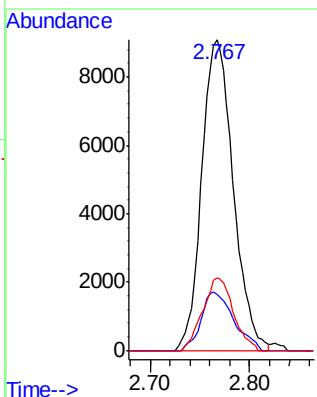
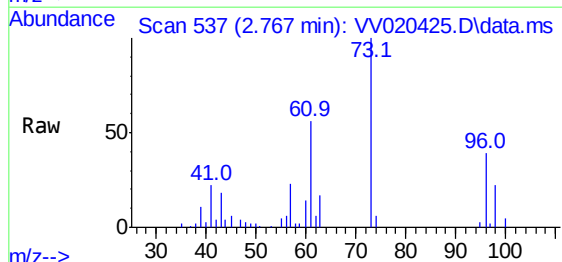
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

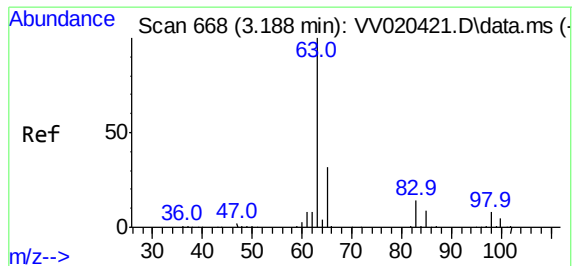
Tgt Ion: 96 Resp: 7150
Ion Ratio Lower Upper
96 100
61 131.7 92.0 170.9
98 55.7 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 1.95 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 73 Resp: 19900
Ion Ratio Lower Upper
73 100
43 19.5 15.0 22.6
57 22.8 17.2 25.8



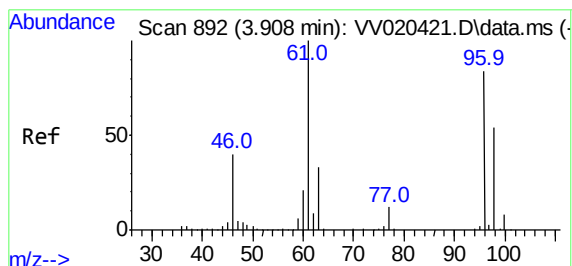
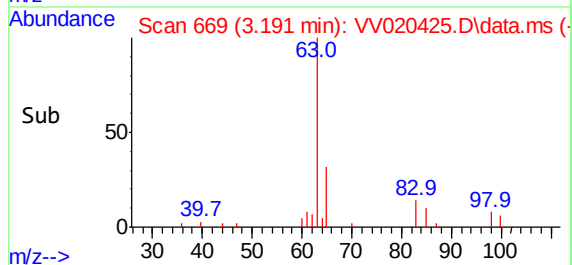
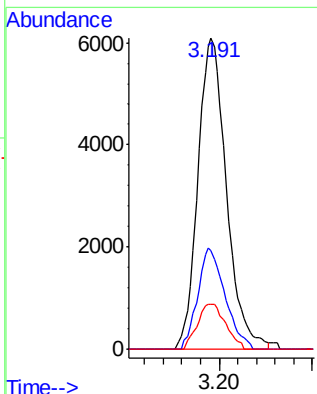
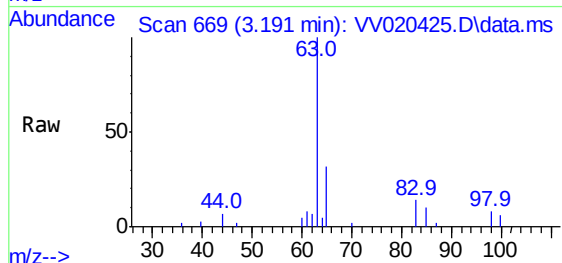


#19
1,1-Dichloroethane
Concen: 2.10 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

Tgt Ion: 63 Resp: 12932

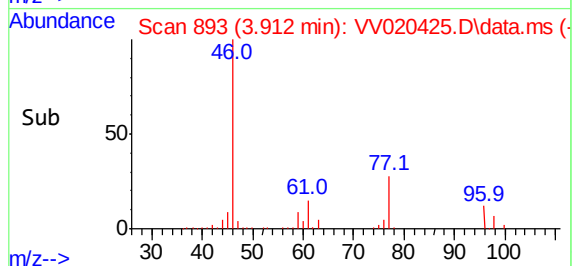
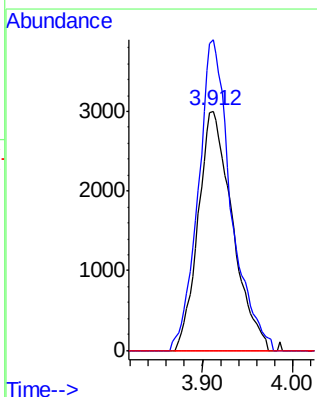
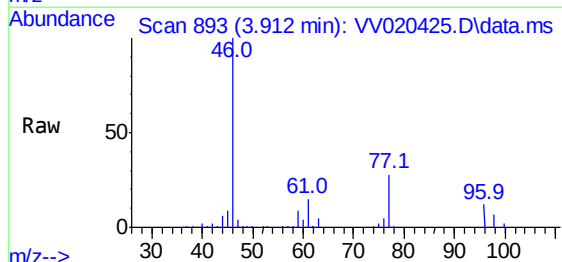
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.8	40.4
83	14.2	9.4	17.4

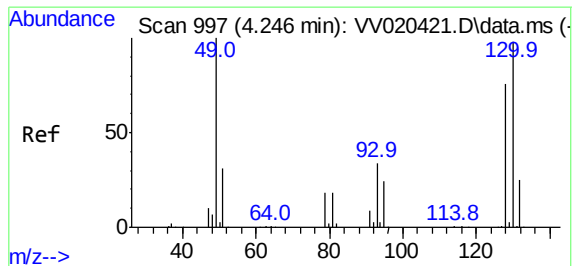


#20
cis-1,2-Dichloroethene
Concen: 2.10 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 96 Resp: 7878

Ion	Ratio	Lower	Upper
96	100		
61	129.7	90.6	168.3
68	0.0	0.0	0.0

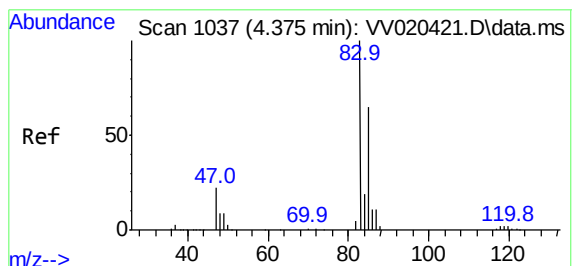
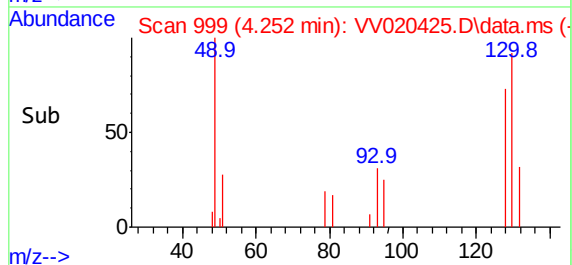
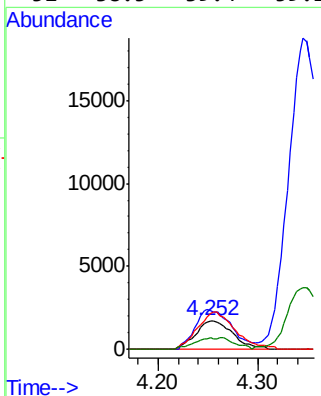
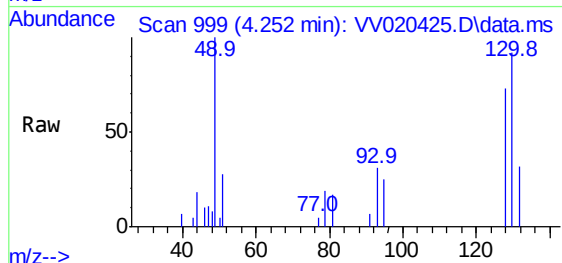




#23
Bromochloromethane
Concen: 2.13 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

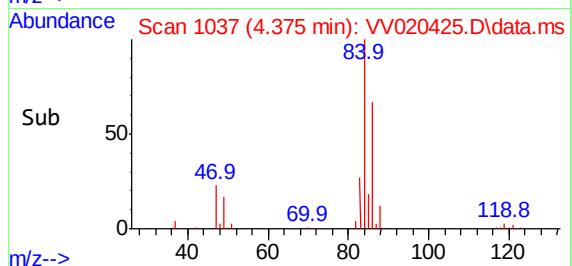
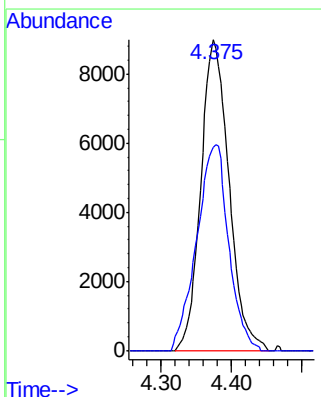
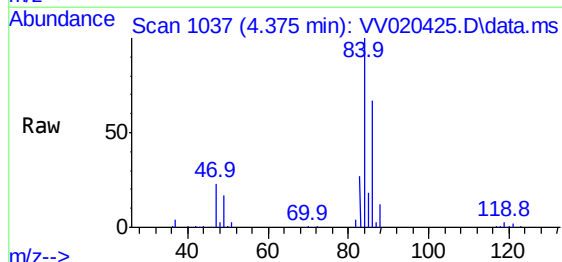
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

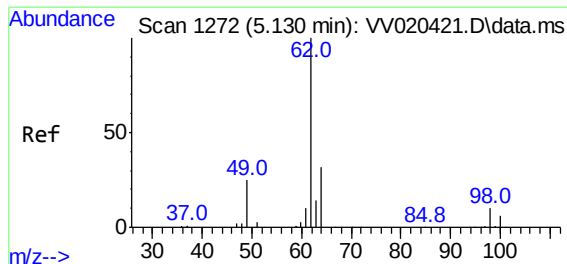
Tgt Ion:128 Resp: 4307
Ion Ratio Lower Upper
128 100
49 136.7 109.8 203.8
130 125.3 92.8 172.4
51 38.5 39.4 59.2#



#25
Chloroform
Concen: 3.70 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 83 Resp: 24995
Ion Ratio Lower Upper
83 100
85 65.4 44.6 82.8

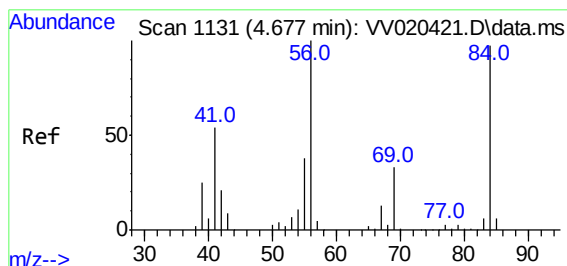
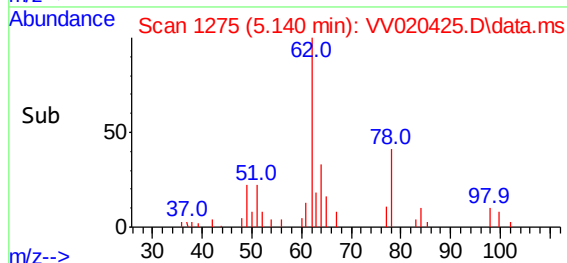
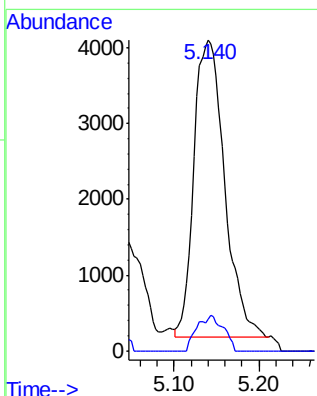
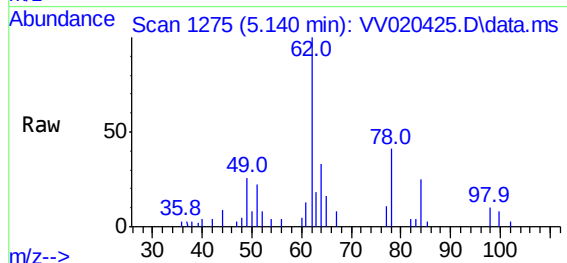




#27
1,2-Dichloroethane
Concen: 1.97 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.010 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

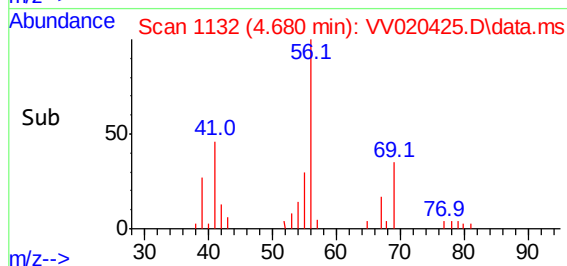
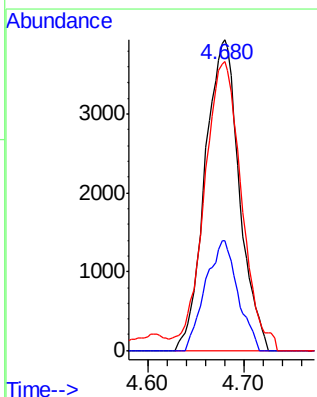
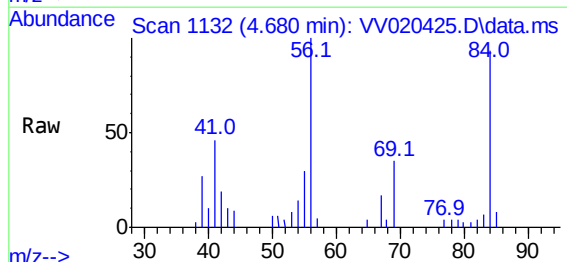
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

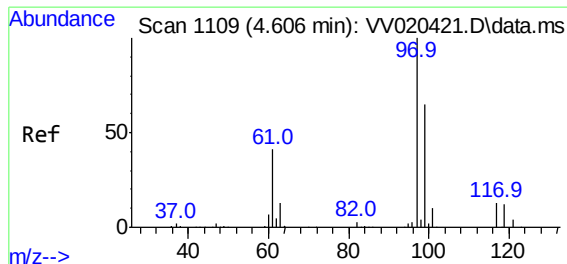
Tgt Ion: 62 Resp: 9841
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.6



#29
Cyclohexane
Concen: 1.99 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 56 Resp: 9718
Ion Ratio Lower Upper
56 100
69 33.2 25.1 37.7
84 89.1 70.6 106.0

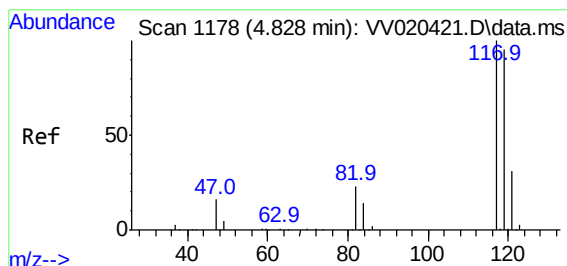
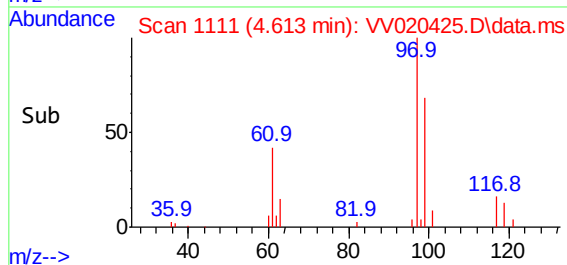
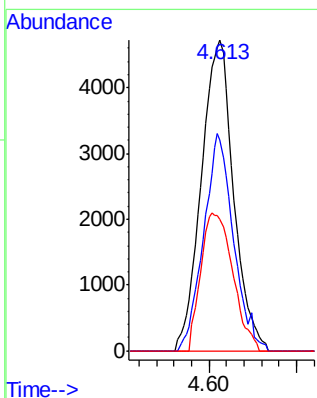
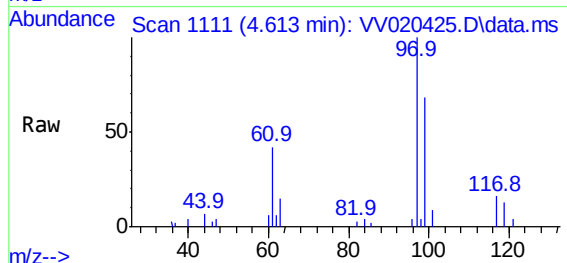




#30
1,1,1-Trichloroethane
Concen: 2.08 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

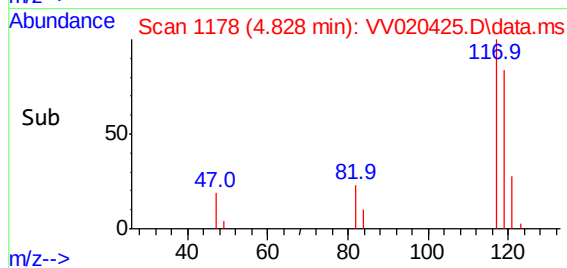
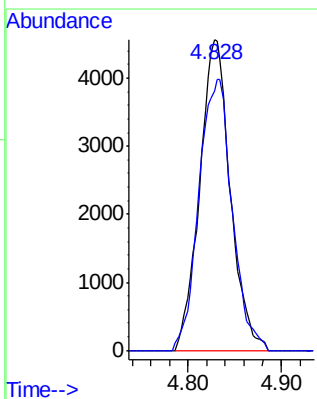
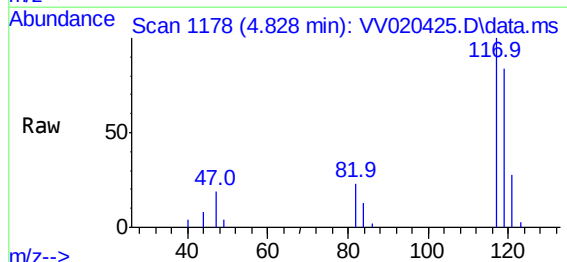
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

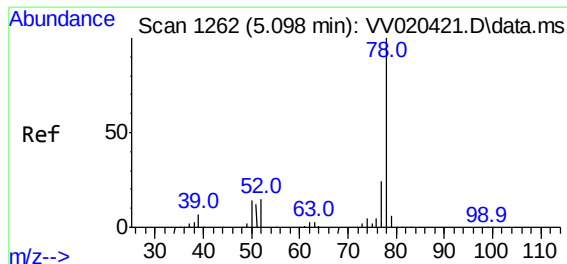
Tgt Ion: 97 Resp: 12020
Ion Ratio Lower Upper
97 100
99 62.7 51.9 77.9
61 44.0 35.4 53.2



#31
Carbon tetrachloride
Concen: 2.08 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 117 Resp: 10420
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3

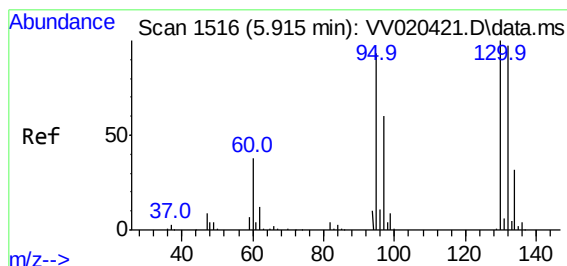
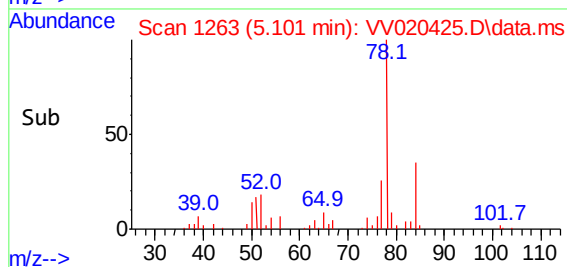
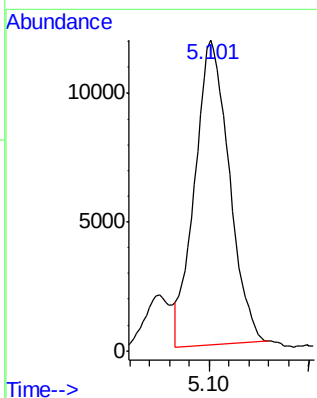
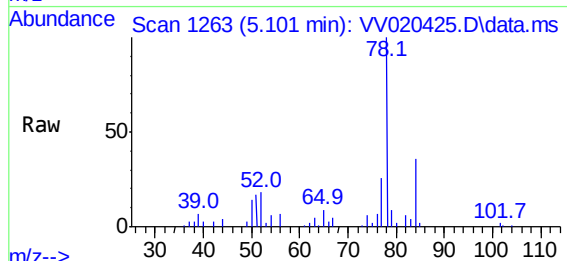




#33
Benzene
Concen: 2.05 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

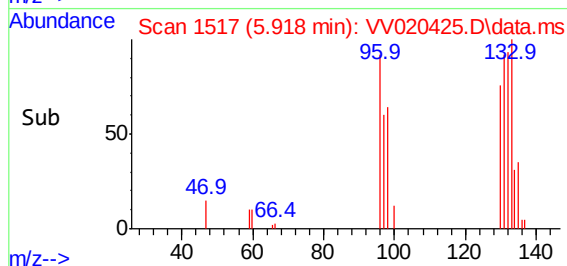
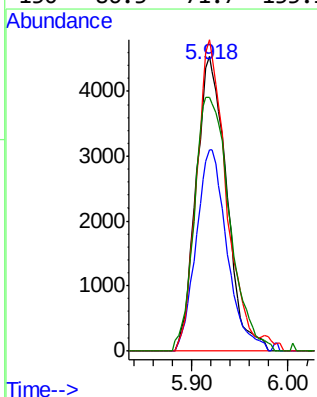
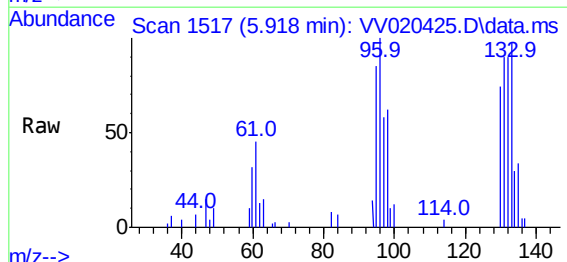
Tgt Ion: 78 Resp: 28297

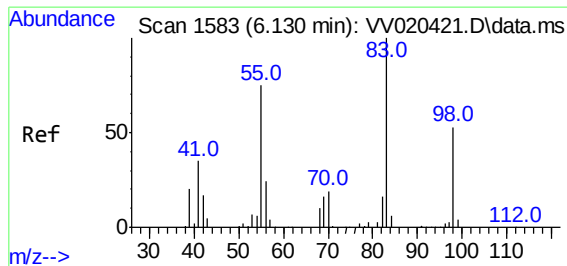


#34
Trichloroethene
Concen: 2.48 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 95 Resp: 9919

Ion	Ratio	Lower	Upper
95	100		
97	68.3	45.4	84.4
132	105.9	68.7	127.7
130	86.3	71.7	133.1

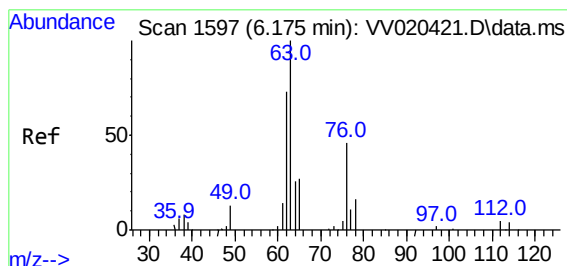
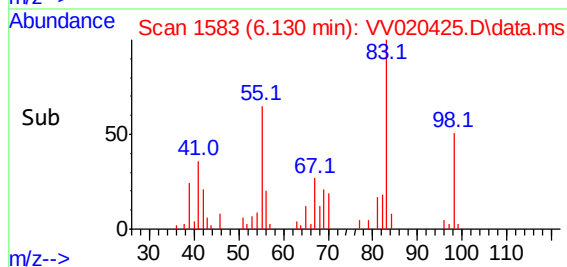
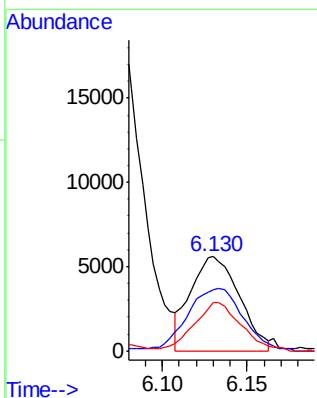
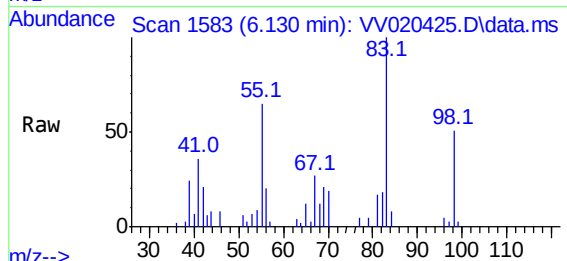




#35
Methylcyclohexane
Concen: 2.08 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

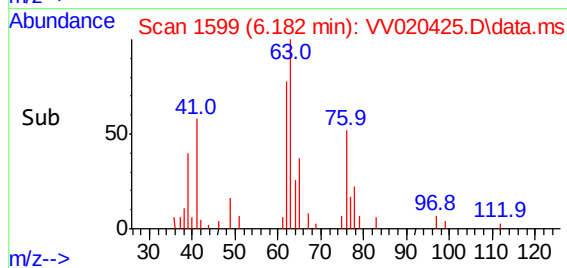
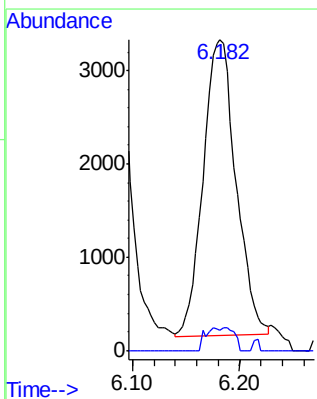
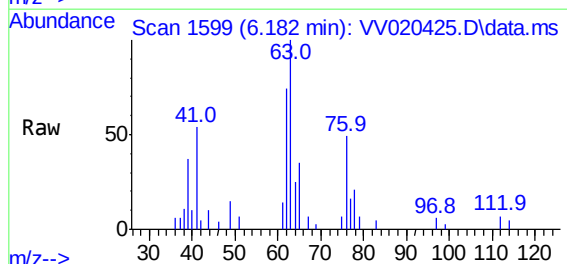
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

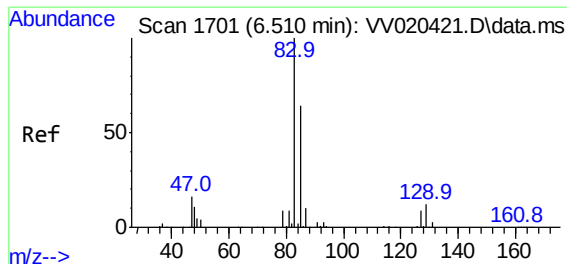
Tgt Ion: 83 Resp: 11142
Ion Ratio Lower Upper
83 100
55 75.6 61.4 92.0
98 49.9 39.9 59.9



#37
1,2-Dichloropropane
Concen: 1.92 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 63 Resp: 6730
Ion Ratio Lower Upper
63 100
112 1.3 3.9 5.9#



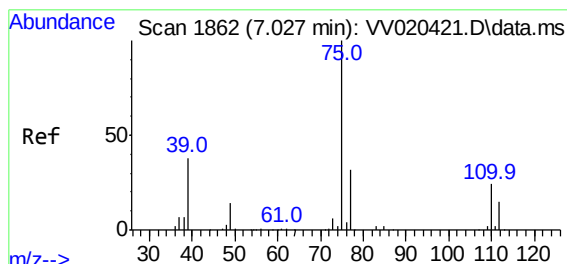
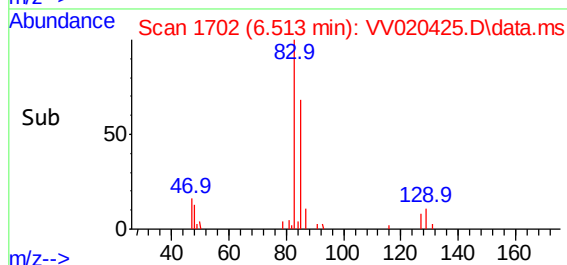
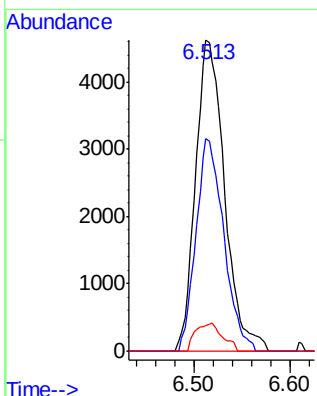
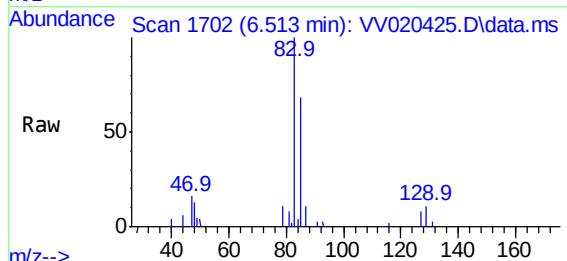


#38
Bromodichloromethane
Concen: 2.00 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

Tgt Ion: 83 Resp: 9635

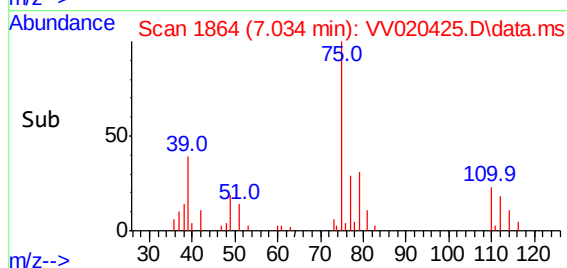
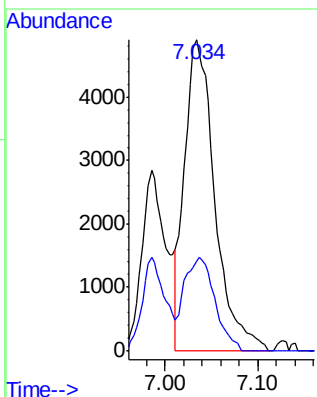
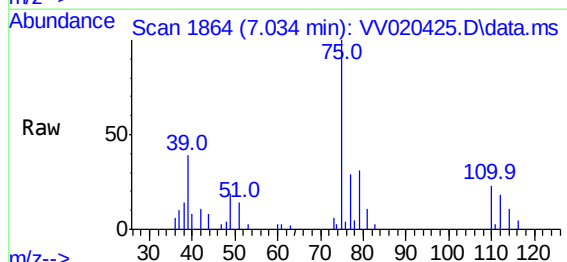
Ion	Ratio	Lower	Upper
83	100		
85	68.5	44.2	82.2
127	8.0	6.8	10.2

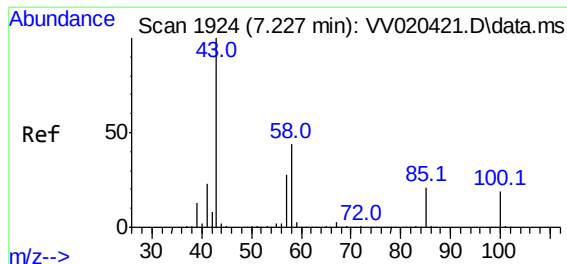


#39
cis-1,3-Dichloropropene
Concen: 2.07 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 75 Resp: 11056

Ion	Ratio	Lower	Upper
75	100		
77	28.9	21.8	40.6

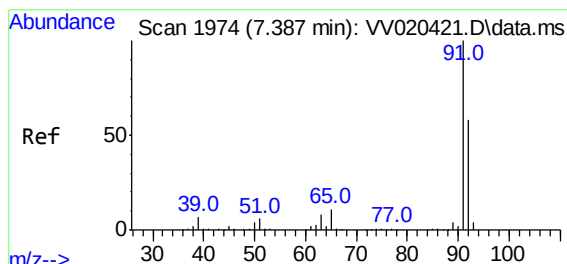
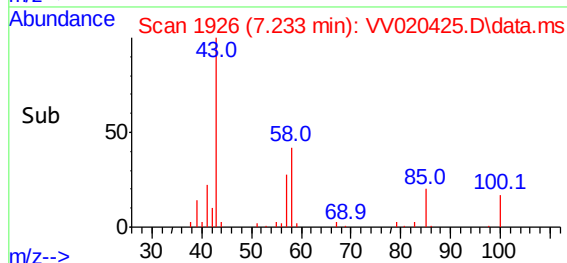
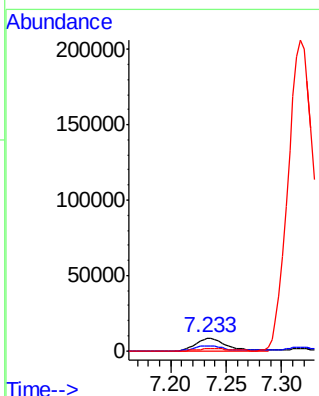
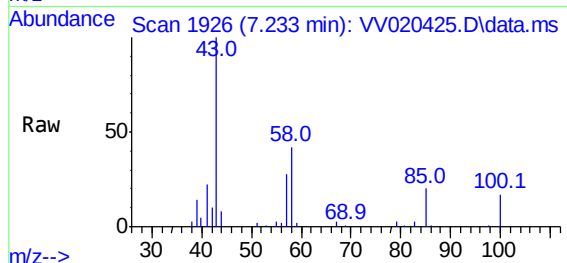




#40
4-Methyl-2-pentanone
Concen: 3.53 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

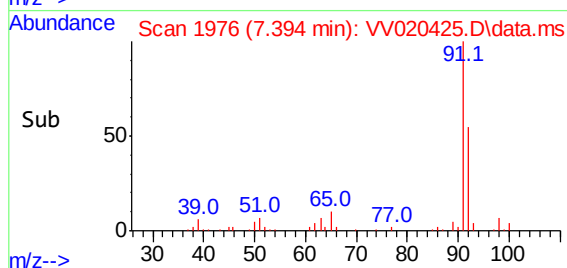
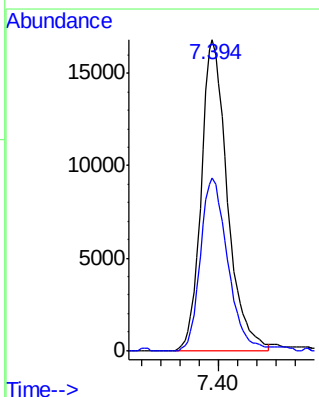
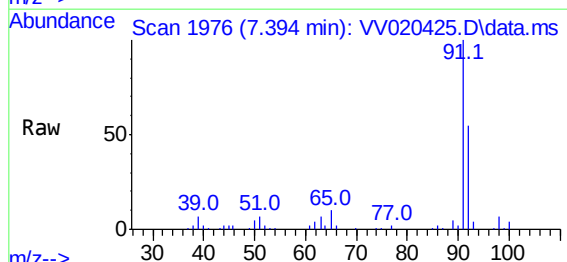
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

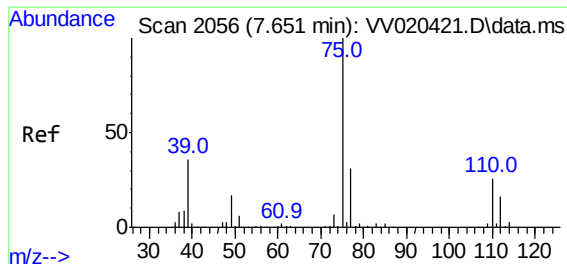
Tgt Ion: 43 Resp: 15298
Ion Ratio Lower Upper
43 100
58 42.2 32.1 48.1
100 18.7 13.4 20.0



#42
Toluene
Concen: 2.09 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 91 Resp: 31487
Ion Ratio Lower Upper
91 100
92 55.5 40.9 75.9

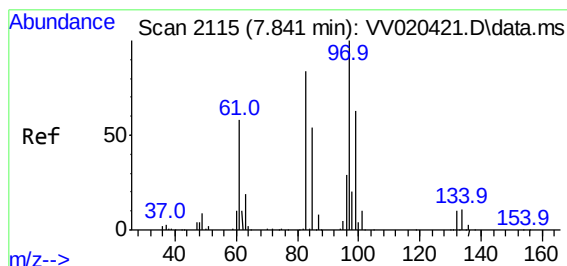
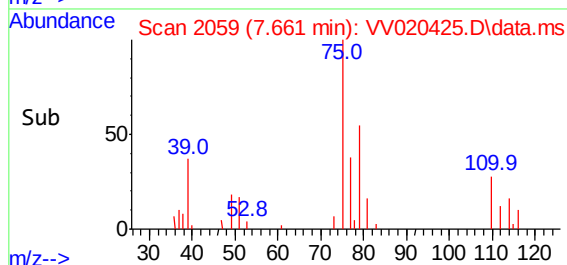
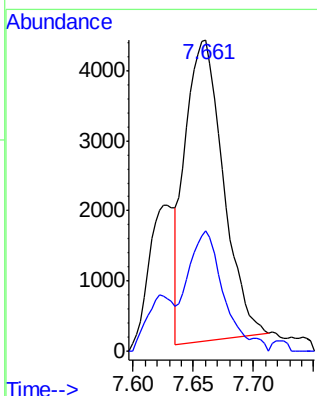
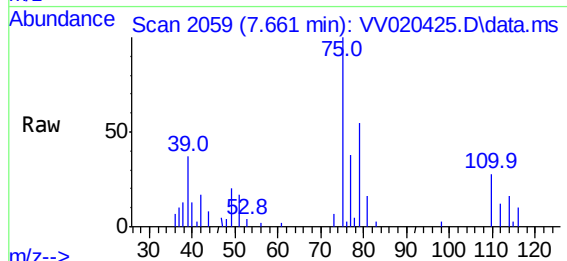




#44
trans-1,3-Dichloropropene
Concen: 1.79 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.010 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

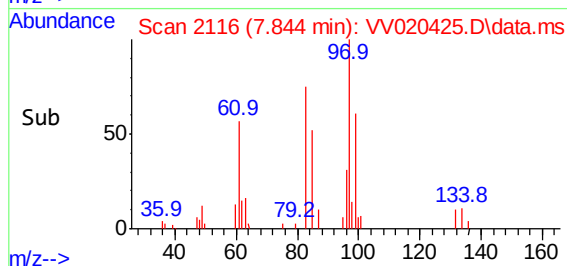
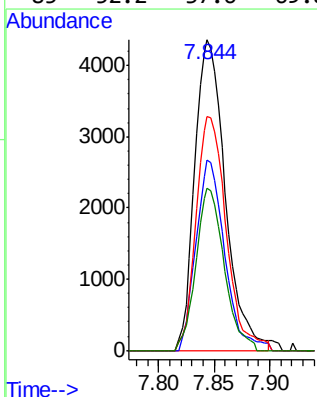
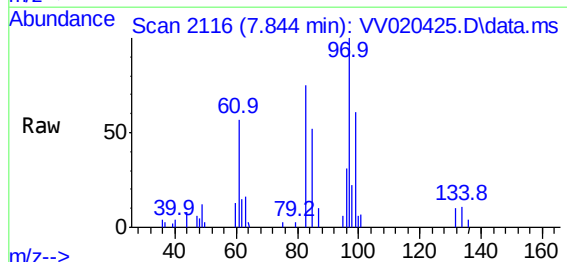
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

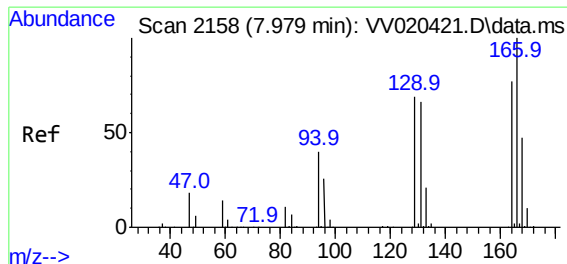
Tgt Ion: 75 Resp: 9307
Ion Ratio Lower Upper
75 100
77 38.5 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 2.26 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 97 Resp: 8291
Ion Ratio Lower Upper
97 100
99 61.5 43.0 79.8
83 75.4 57.8 107.4
85 52.2 37.6 69.8



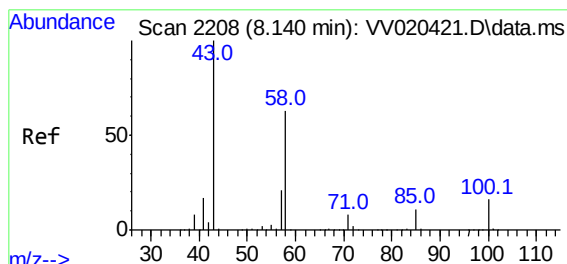
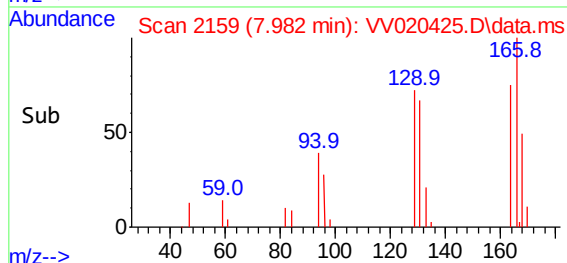
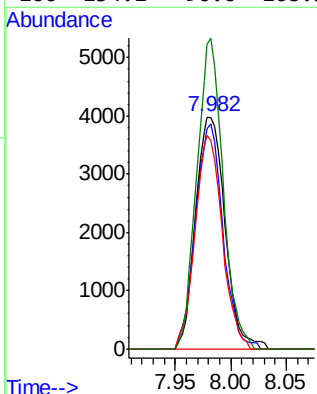
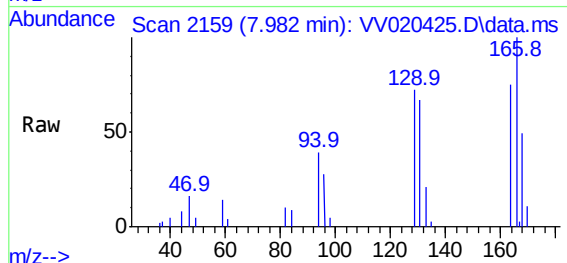


#46
Tetrachloroethene
Concen: 2.27 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

Tgt Ion:164 Resp: 7297

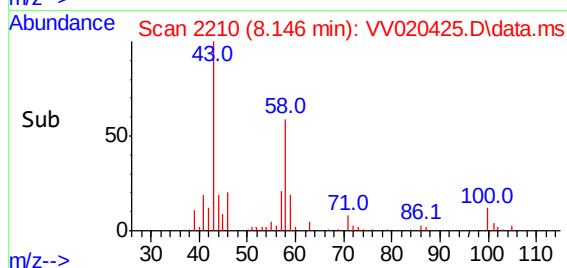
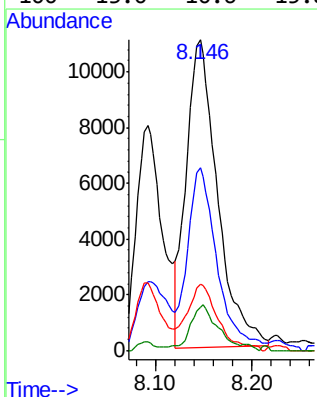
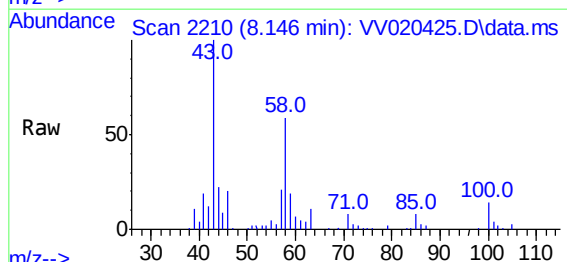
Ion	Ratio	Lower	Upper
164	100		
129	96.8	64.0	118.8
131	89.7	61.2	113.8
166	134.1	90.6	168.3

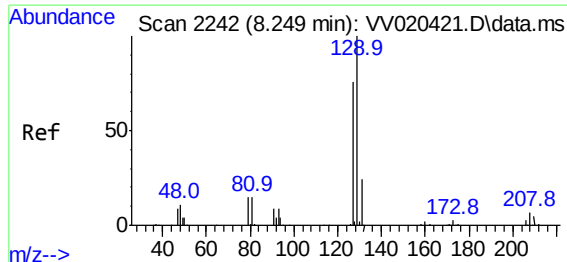


#48
2-Hexanone
Concen: 7.42 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 43 Resp: 24859

Ion	Ratio	Lower	Upper
43	100		
58	50.2	45.3	67.9
57	18.5	15.8	23.6
100	13.0	10.6	15.8





#49

Dibromochloromethane

Concen: 1.98 ug/L

RT: 8.252 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VV020425.D

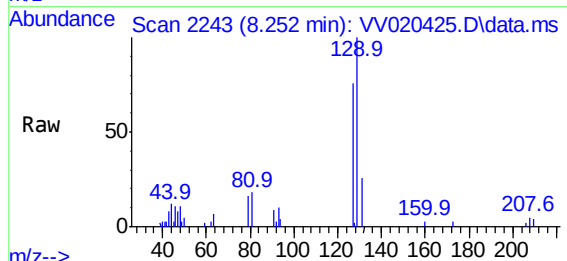
Acq: 01 Mar 2021 15:36

Tgt Ion:129 Resp: 7847

Ion Ratio Lower Upper

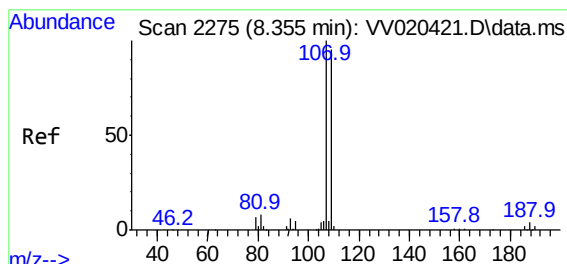
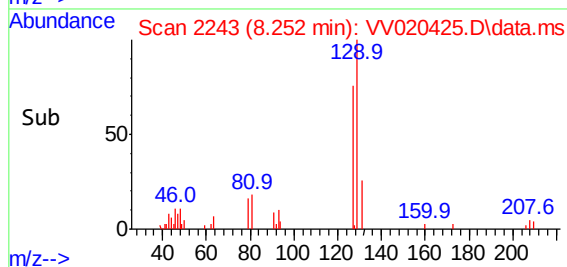
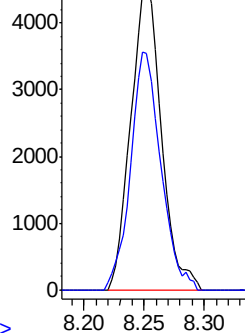
129 100

127 76.2 54.7 101.7



Abundance

8.252



#50

1,2-Dibromoethane

Concen: 2.00 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.003 min

Lab File: VV020425.D

Acq: 01 Mar 2021 15:36

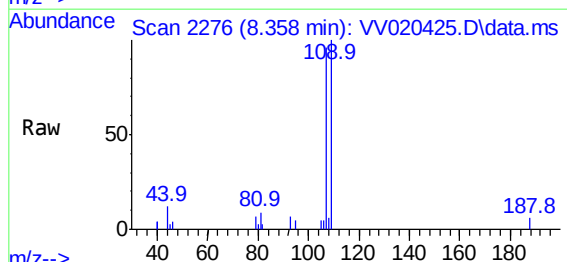
Tgt Ion:107 Resp: 7819

Ion Ratio Lower Upper

107 100

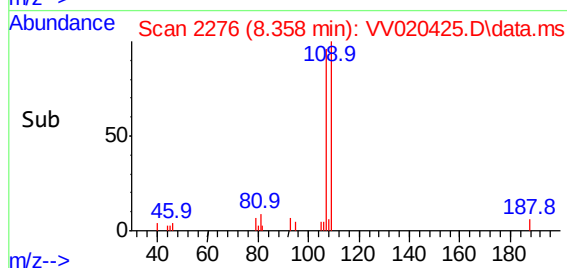
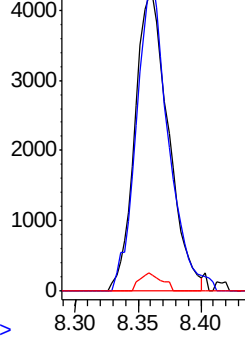
109 103.7 66.2 123.0

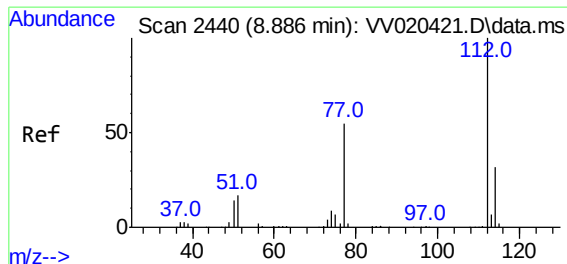
188 5.8 3.6 5.4#



Abundance

8.358

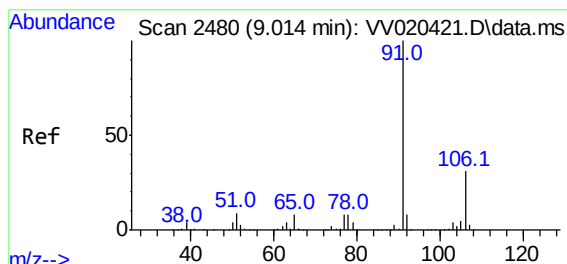
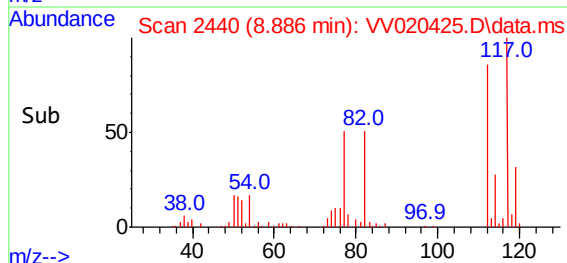
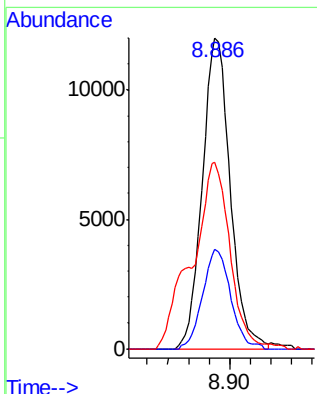
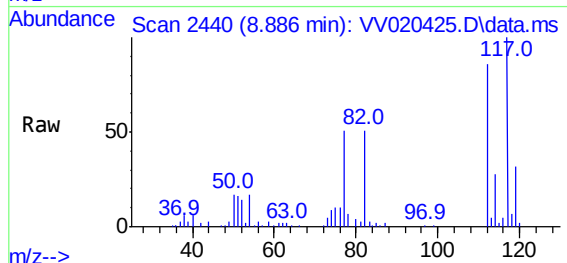




#51
Chlorobenzene
Concen: 2.13 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

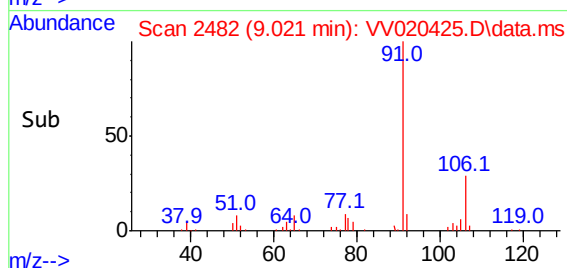
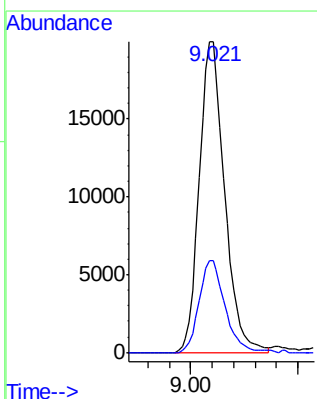
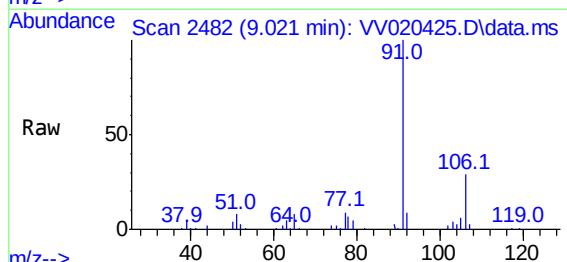
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

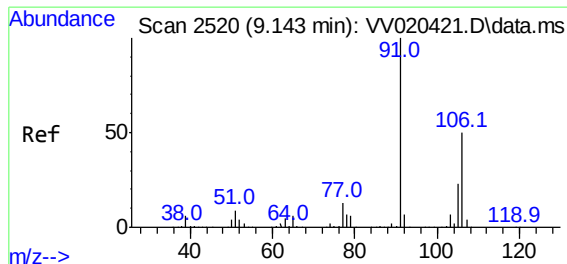
Tgt Ion:112 Resp: 22453
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 60.1 47.3 70.9



#52
Ethylbenzene
Concen: 1.96 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 91 Resp: 32775
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.6

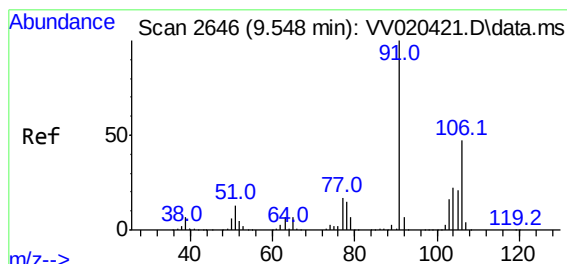
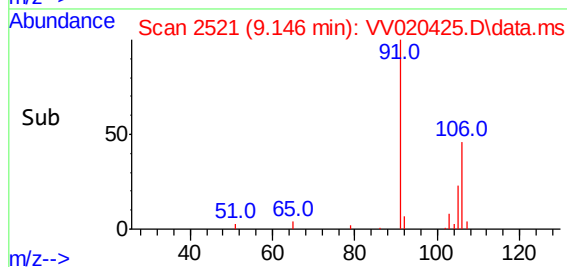
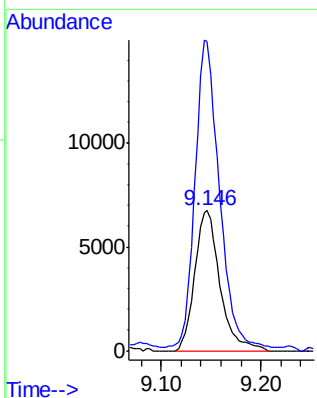
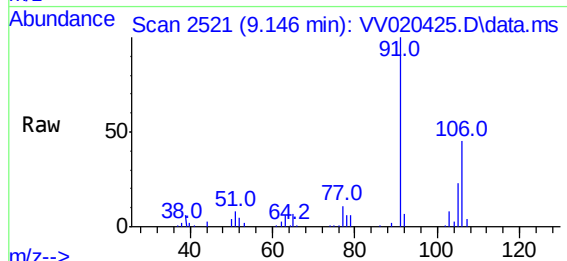




#53
m,p-Xylene
Concen: 1.86 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

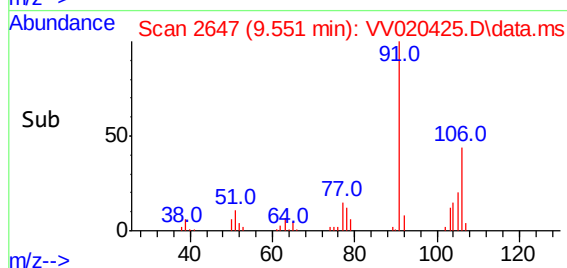
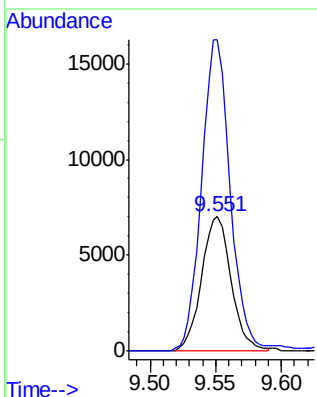
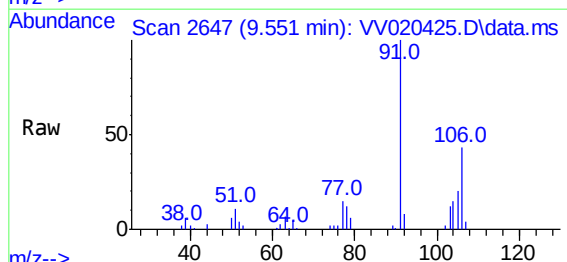
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

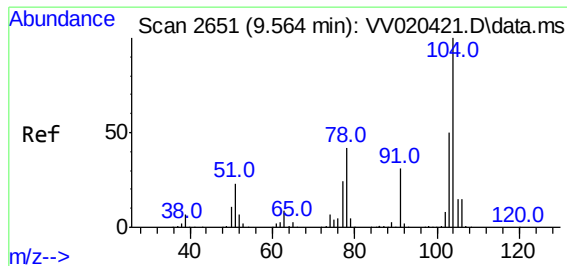
Tgt Ion:106 Resp: 11851
Ion Ratio Lower Upper
106 100
91 221.1 143.1 265.7



#54
o-Xylene
Concen: 1.73 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion:106 Resp: 10852
Ion Ratio Lower Upper
106 100
91 231.9 153.6 285.3

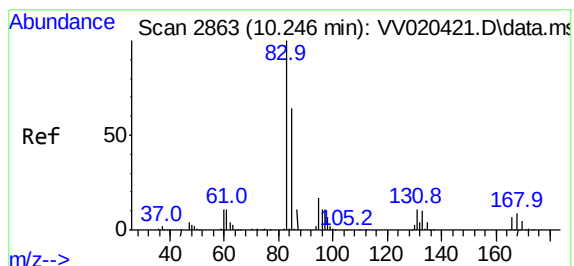
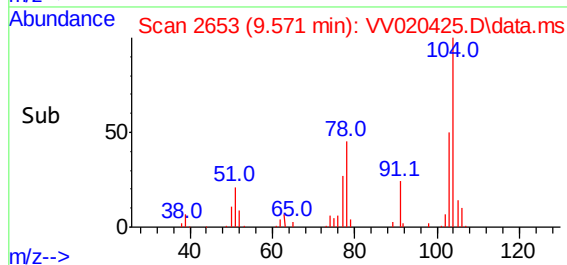
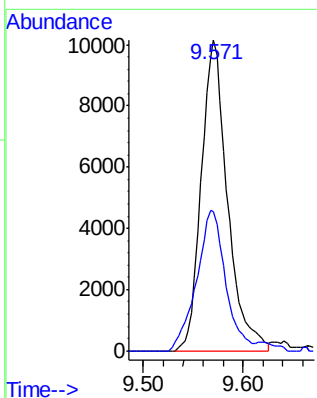
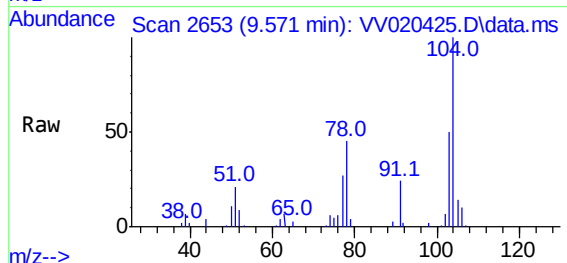




#55
Styrene
Concen: 1.72 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

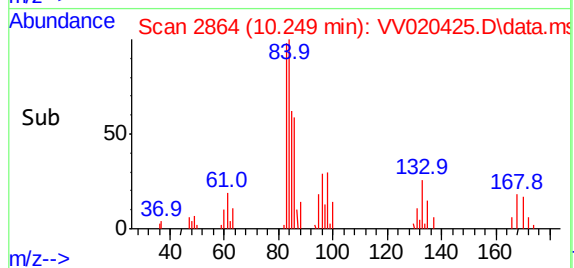
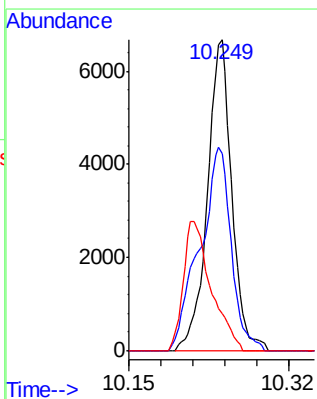
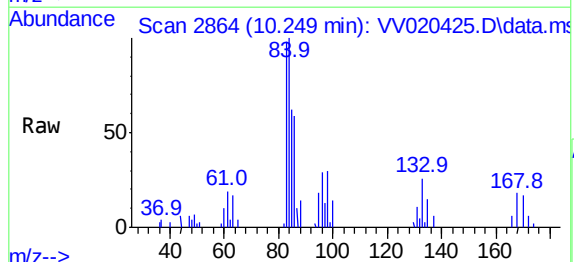
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

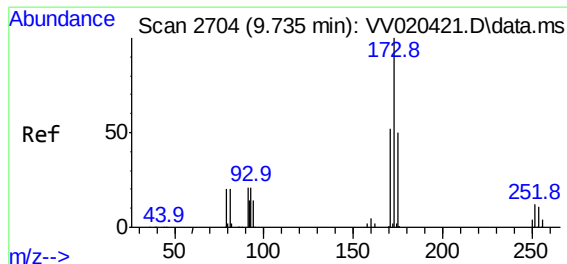
Tgt Ion:104 Resp: 18496
Ion Ratio Lower Upper
104 100
78 44.7 31.6 58.8



#57
1,1,2,2-Tetrachloroethane
Concen: 2.16 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion: 83 Resp: 11672
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.4
131 11.7 8.6 12.8

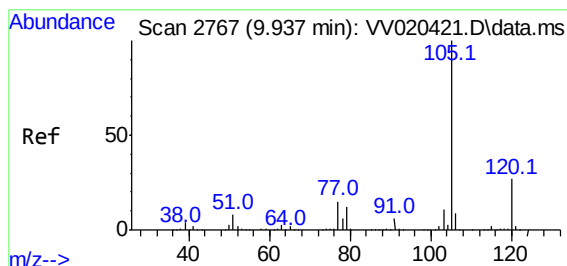
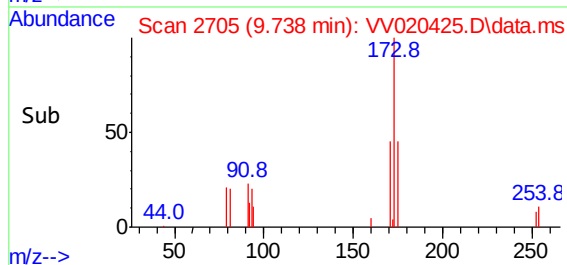
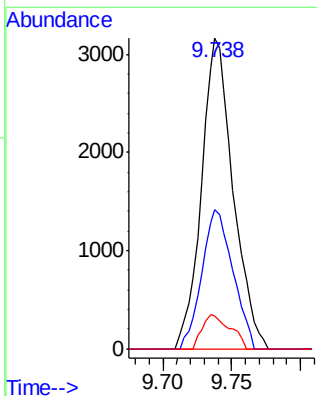
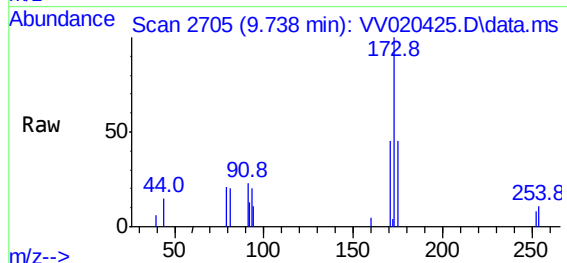




#59
Bromoform
Concen: 1.87 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

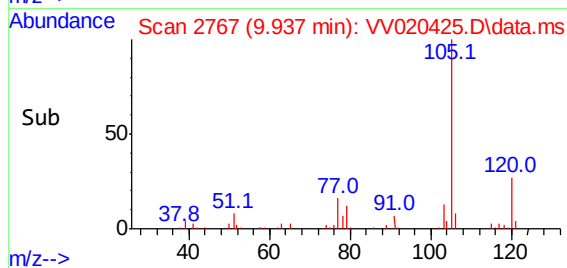
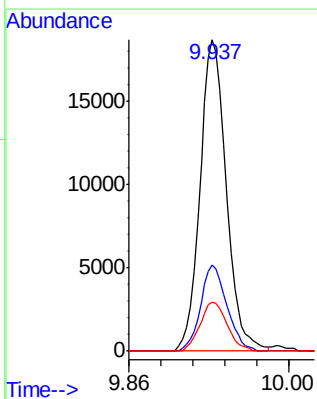
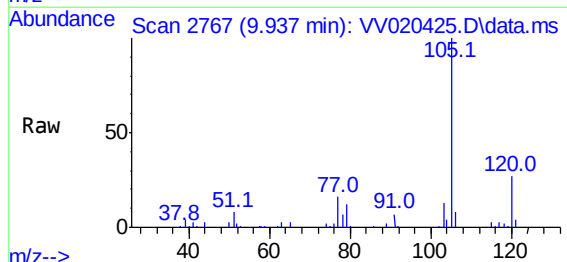
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

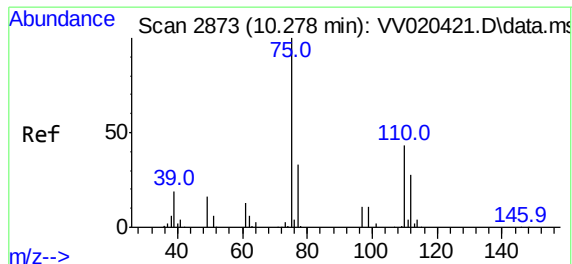
Tgt Ion:173 Resp: 5042
Ion Ratio Lower Upper
173 100
175 43.9 39.0 58.6
254 9.6 9.5 14.3



#60
Isopropylbenzene
Concen: 1.86 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

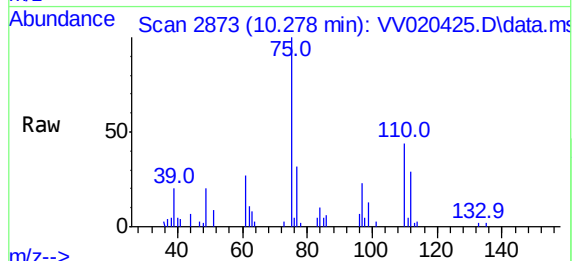
Tgt Ion:105 Resp: 29319
Ion Ratio Lower Upper
105 100
120 27.3 21.2 31.8
77 15.9 11.8 17.6





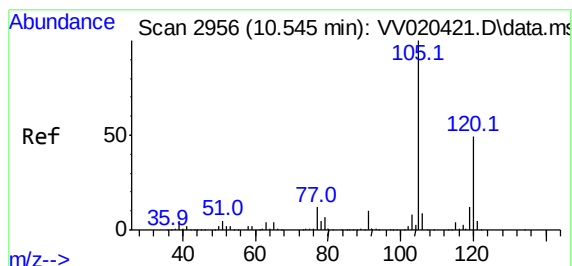
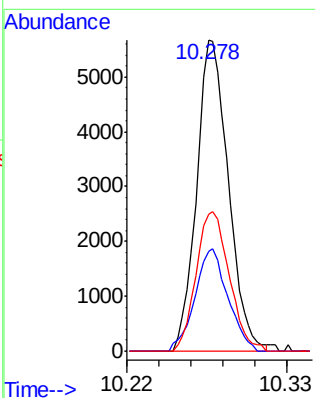
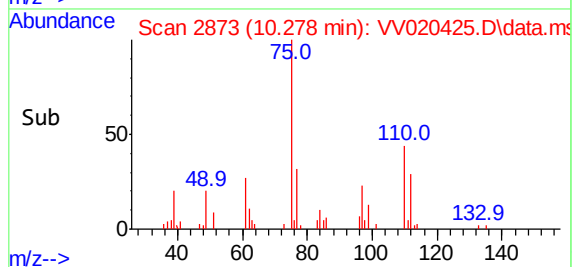
#61
1,2,3-Trichloropropane
Concen: 2.00 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

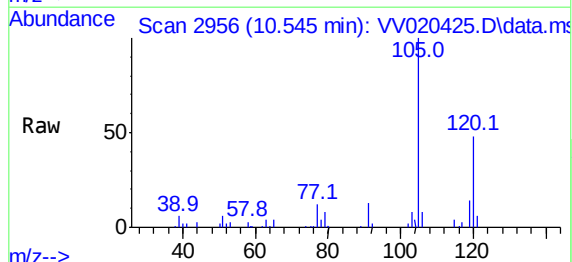


Tgt Ion: 75 Resp: 9053

Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.7	38.5
110	46.8	33.3	49.9

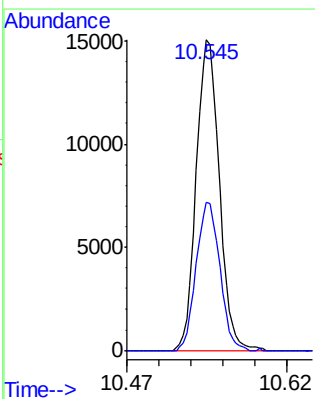
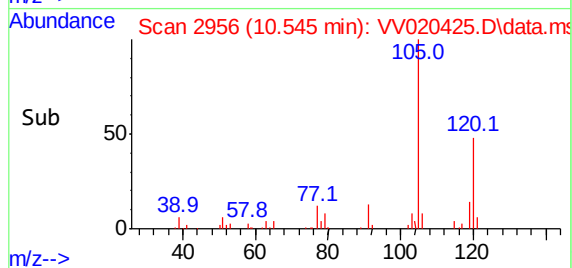


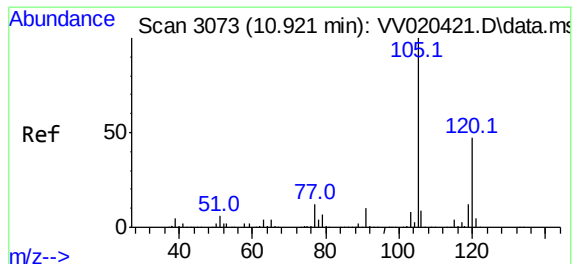
#62
1,3,5-Trimethylbenzene
Concen: 1.80 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36



Tgt Ion: 105 Resp: 23306

Ion	Ratio	Lower	Upper
105	100		
120	49.0	39.9	59.9

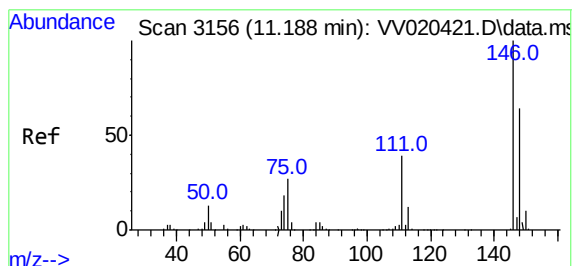
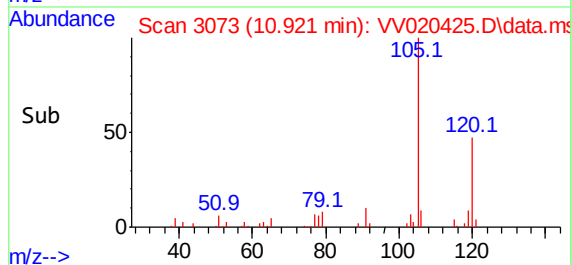
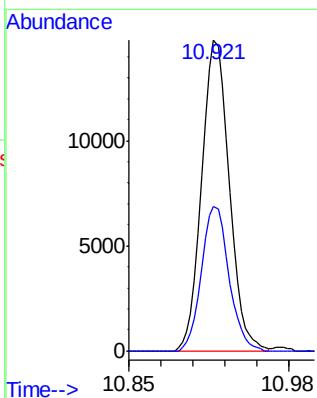
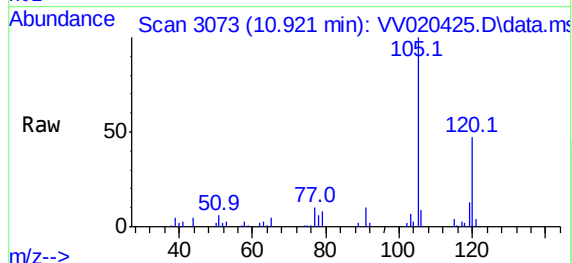




#63
1,2,4-Trimethylbenzene
Concen: 1.72 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

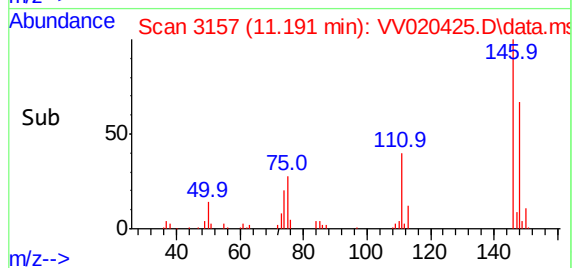
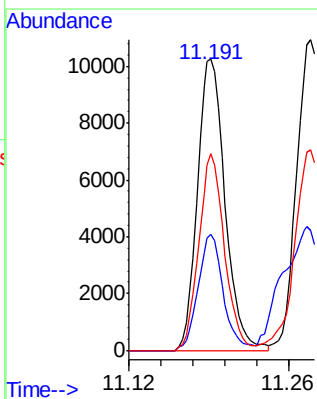
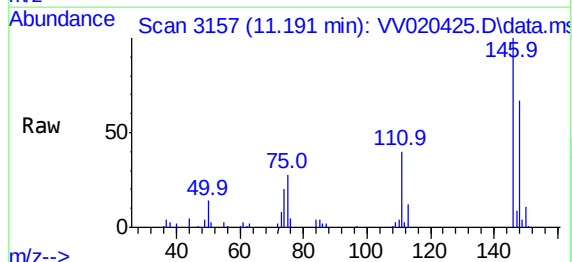
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

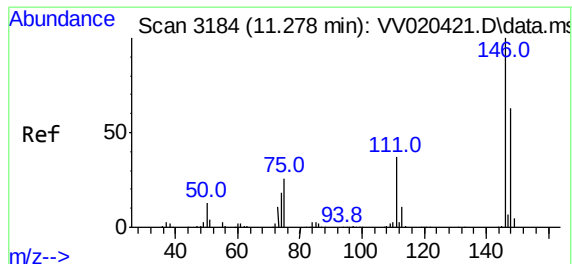
Tgt Ion:105 Resp: 22818
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.6



#64
1,3-Dichlorobenzene
Concen: 2.12 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

Tgt Ion:146 Resp: 17602
Ion Ratio Lower Upper
146 100
111 40.0 27.4 51.0
148 67.5 44.1 81.9

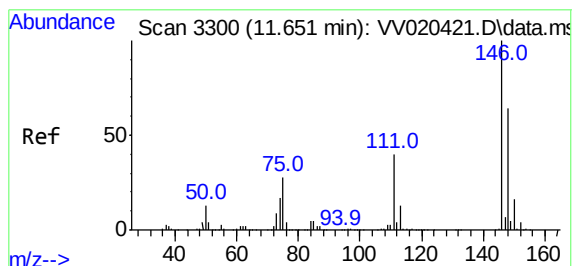
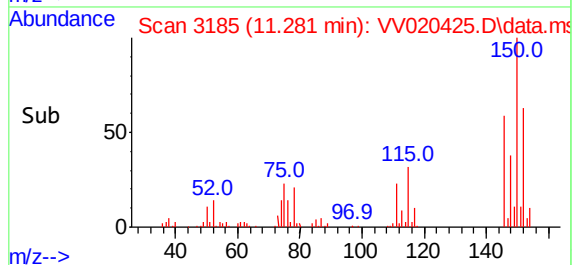
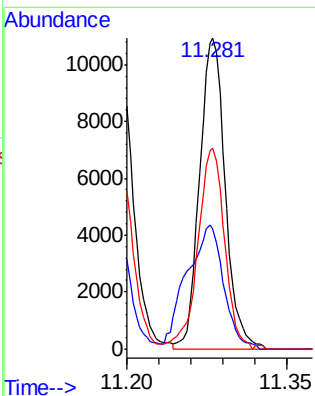
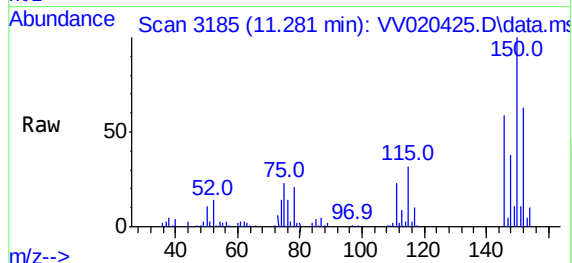




#65
 1,4-Dichlorobenzene
 Concen: 2.18 ug/L
 RT: 11.281 min Scan# 3185
 Delta R.T. 0.003 min
 Lab File: VV020425.D
 Acq: 01 Mar 2021 15:36

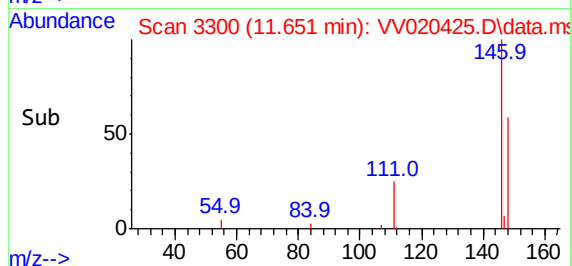
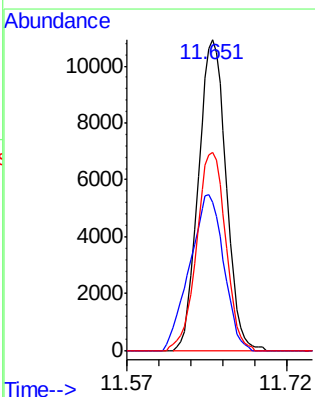
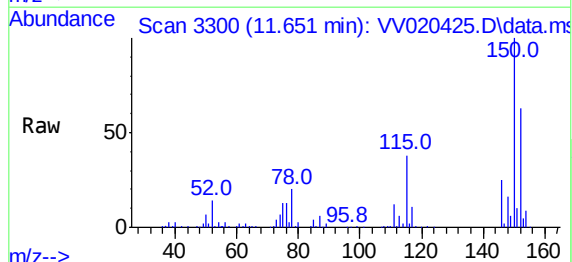
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-04

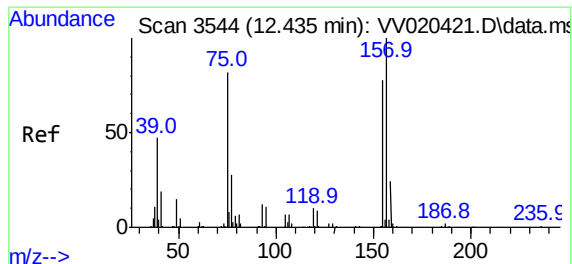
Tgt Ion:	146	Resp:	18779
Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.1	48.5
148	64.6	44.6	82.8



#67
 1,2-Dichlorobenzene
 Concen: 2.27 ug/L
 RT: 11.651 min Scan# 3300
 Delta R.T. 0.000 min
 Lab File: VV020425.D
 Acq: 01 Mar 2021 15:36

Tgt Ion:	146	Resp:	18842
Ion	Ratio	Lower	Upper
146	100		
111	47.7	32.4	48.6
148	63.8	51.0	76.4

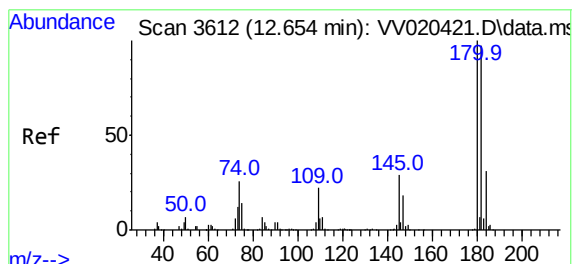
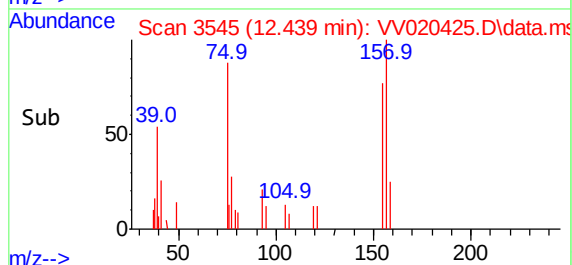
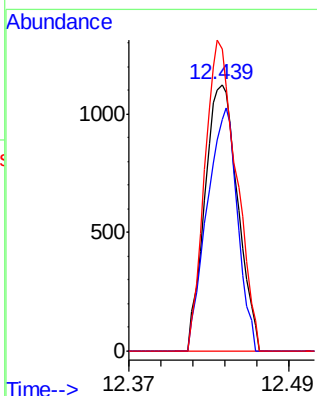
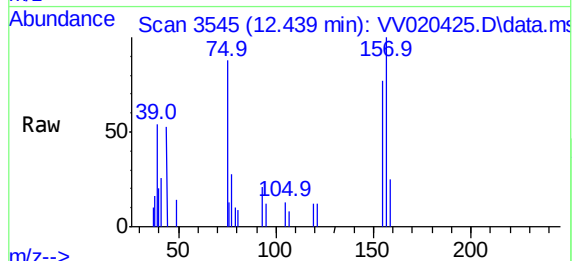




#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.85 ug/L
 RT: 12.439 min Scan# 3545
 Delta R.T. 0.003 min
 Lab File: VV020425.D
 Acq: 01 Mar 2021 15:36

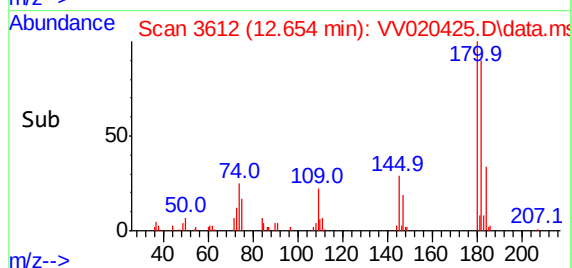
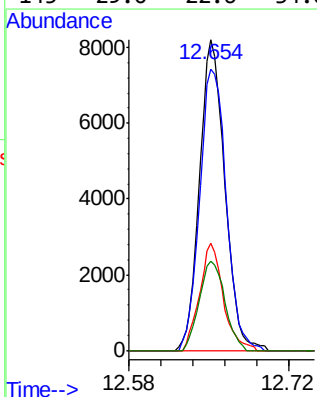
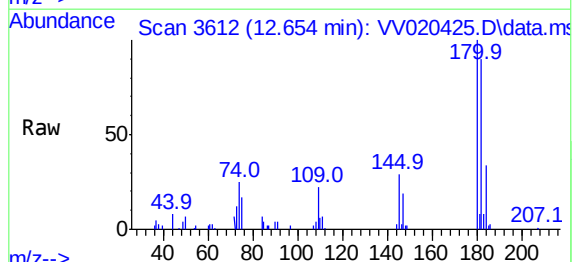
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-04

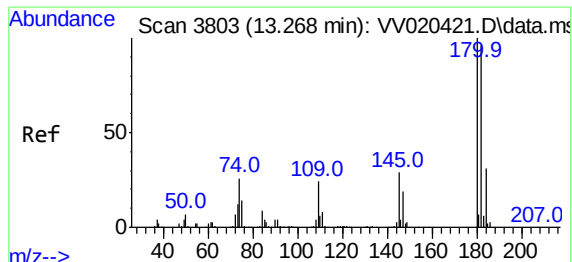
Tgt Ion: 75 Resp: 1947
 Ion Ratio Lower Upper
 75 100
 155 87.0 74.1 111.1
 157 113.3 95.8 143.8



#69
 1,3,5-Trichlorobenzene
 Concen: 2.00 ug/L
 RT: 12.654 min Scan# 3612
 Delta R.T. 0.000 min
 Lab File: VV020425.D
 Acq: 01 Mar 2021 15:36

Tgt Ion: 180 Resp: 12939
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.1 114.1
 184 32.3 24.1 36.1
 145 29.0 22.6 34.0

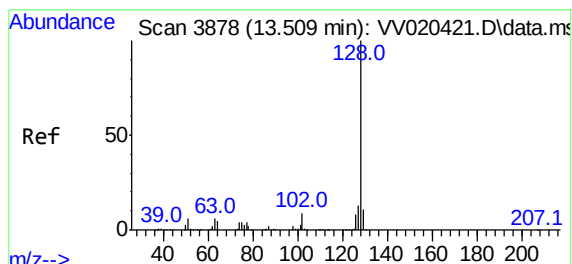
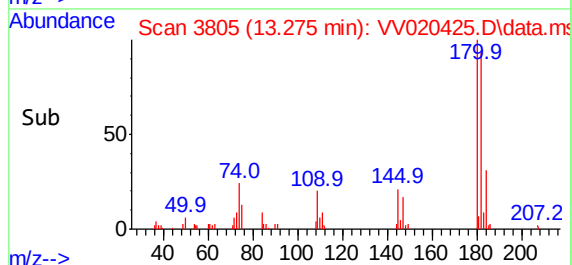
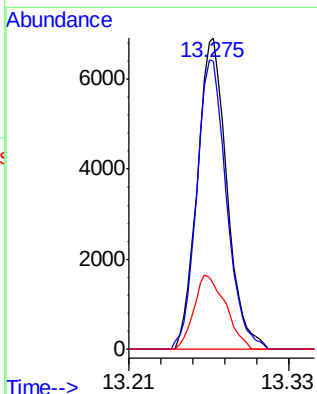
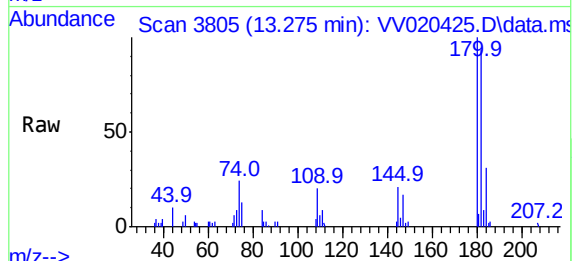




#70
1,2,4-trichlorobenzene
Concen: 1.92 ug/L
RT: 13.275 min Scan# 3805
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

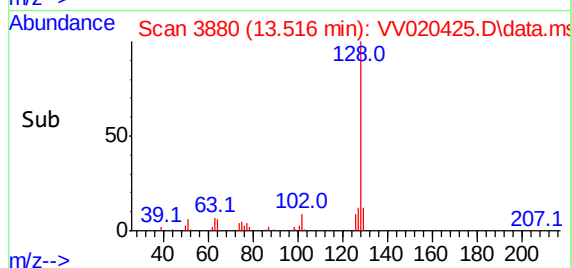
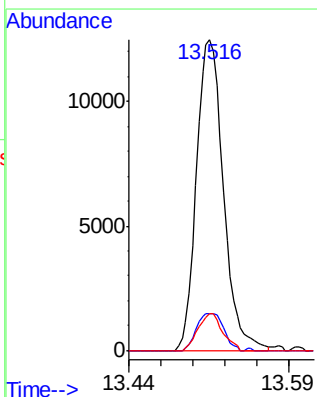
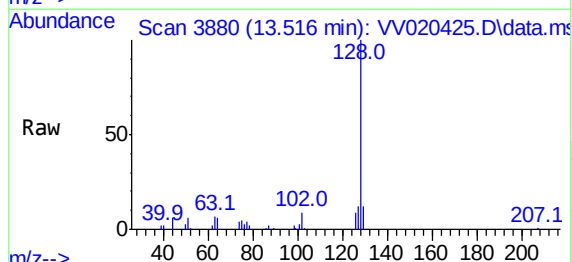
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2021-04

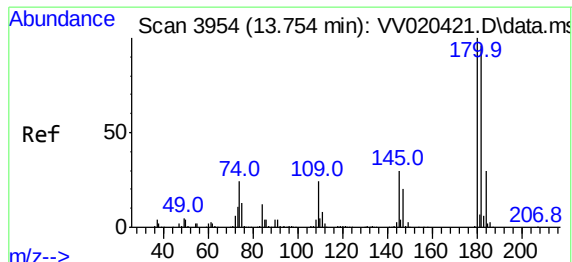
Tgt Ion:180 Resp: 10766
Ion Ratio Lower Upper
180 100
182 93.4 77.1 115.7
145 25.3 23.4 35.2



#71
Naphthalene
Concen: 1.40 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VV020425.D
Acq: 01 Mar 2021 15:36

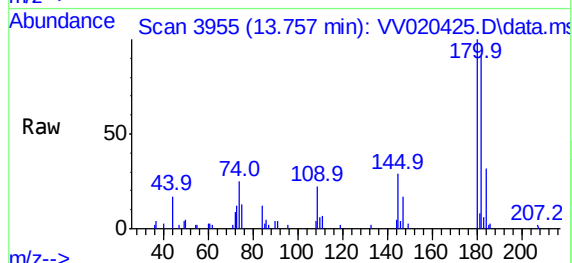
Tgt Ion:128 Resp: 21679
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 10.7 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 1.78 ug/L
 RT: 13.757 min Scan# 3955
 Delta R.T. 0.003 min
 Lab File: VV020425.D
 Acq: 01 Mar 2021 15:36

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2021-04



Tgt Ion:	180	Resp:	10054
Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.6	114.8
145	31.1	24.5	36.7

