

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026951.D
 Acq On : 26 Jul 2022 14:52
 Operator : SY/MD
 Sample : N3670-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2022-04

Quant Time: Jul 27 01:41:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	460376	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	472509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	209842	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	201084	52.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 104.160%	
7) Chloroethane-d5	1.565	69	170716	54.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.300%	
11) 1,1-Dichloroethene-d2	2.101	63	277189	39.903	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 79.800%	
21) 2-Butanone-d5	3.883	46	275604	105.894	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 105.890%	
24) Chloroform-d	4.339	84	391213	51.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.960%	
26) 1,2-Dichloroethane-d4	5.024	65	234688	53.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.980%	
32) Benzene-d6	5.040	84	777702	54.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.900%	
36) 1,2-Dichloropropane-d6	6.063	67	254886	55.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.760%	
41) Toluene-d8	7.310	98	648982	51.931	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.860%	
43) trans-1,3-Dichloroprop...	7.619	79	99746	51.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.440%	
47) 2-Hexanone-d5	8.085	63	186382	92.997	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 93.000%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	361556	51.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 103.420%	
66) 1,2-Dichlorobenzene-d4	11.622	152	245338	62.320	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 124.640%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	8930	1.878	ug/L	99
3) Chloromethane	1.237	50	9124	2.051	ug/L	94
5) Vinyl chloride	1.307	62	9151	1.936	ug/L #	57
6) Bromomethane	1.520	94	6533	2.287	ug/L	96
8) Chloroethane	1.581	64	5828	2.098	ug/L	93
9) Trichlorofluoromethane	1.748	101	13288	2.039	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	10254	2.691	ug/L	89
12) 1,1-Dichloroethene	2.111	96	9031	2.537	ug/L #	1
13) Acetone	2.179	43	11249	6.156	ug/L	88
14) Carbon disulfide	2.288	76	19729	1.943	ug/L	99
15) Methyl Acetate	2.436	43	7525	1.867	ug/L	92
16) Methylene chloride	2.500	84	16675	3.675	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	7161	1.904	ug/L	98
18) Methyl tert-butyl Ether	2.761	73	19286	1.846	ug/L	98
19) 1,1-Dichloroethane	3.185	63	12883	1.860	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	7784	1.964	ug/L	96
23) Bromochloromethane	4.246	128	4582	2.019	ug/L	96
27) 1,2-Dichloroethane	5.043	62	3743	0.718	ug/L	98
29) Cyclohexane	4.674	56	8531	1.727	ug/L #	93

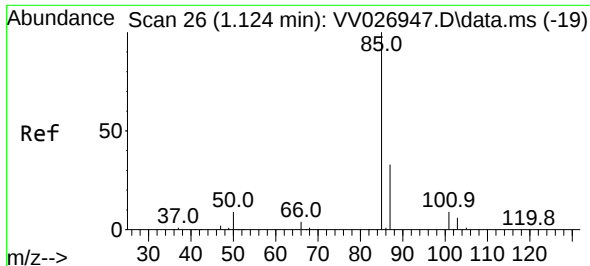
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 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.600	97	12398	1.986	ug/L #	85
31) Carbon tetrachloride	4.818	117	10169	1.860	ug/L	95
33) Benzene	5.098	78	27835	1.832	ug/L	100
35) Methylcyclohexane	6.124	83	10035	1.736	ug/L	94
37) 1,2-Dichloropropane	6.175	63	7000	1.770	ug/L #	93
38) Bromodichloromethane	6.510	83	10409	1.942	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	8712	1.587	ug/L	89
40) 4-Methyl-2-pentanone	7.230	43	13941	2.962	ug/L	96
42) Toluene	7.391	91	28677	1.849	ug/L	93
44) trans-1,3-Dichloropropene	7.651	75	9284	1.715	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	7911	1.878	ug/L	96
46) Tetrachloroethene	7.976	164	5853	1.922	ug/L	96
49) Dibromochloromethane	8.246	129	8246	1.873	ug/L	100
50) 1,2-Dibromoethane	8.355	107	8259	1.917	ug/L	96
51) Chlorobenzene	8.879	112	20339	1.881	ug/L	98
52) Ethylbenzene	9.014	91	25739	1.599	ug/L	96
53) m,p-Xylene	9.143	106	9704	1.539	ug/L	99
54) o-Xylene	9.545	106	9233	1.521	ug/L	99
55) Styrene	9.567	104	14627	1.364	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	14070	2.070	ug/L #	96
59) Bromoform	9.731	173	4921	2.099	ug/L #	94
60) Isopropylbenzene	9.931	105	22916	1.848	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	9921	2.356	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	17795	1.766	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	16300	1.612	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	12712	2.006	ug/L	95
65) 1,4-Dichlorobenzene	11.272	146	13771	2.051	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	15135	2.328	ug/L #	94
68) 1,2-Dibromo-3-chloropr...	12.432	75	2195	1.951	ug/L	87
69) 1,3,5-Trichlorobenzene	12.648	180	8432	1.880	ug/L	95
70) 1,2,4-trichlorobenzene	13.262	180	6302	1.668	ug/L	98
71) Naphthalene	13.506	128	17143	1.442	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	6979	1.770	ug/L	97

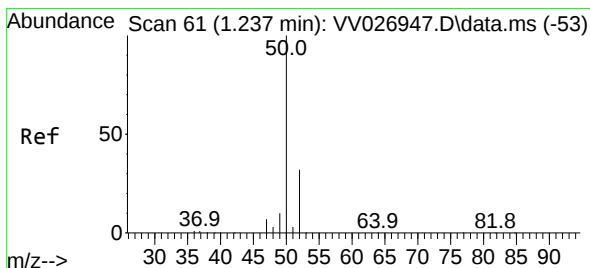
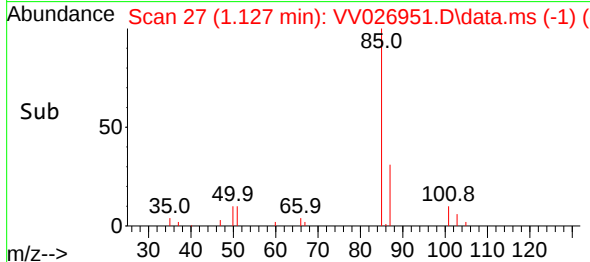
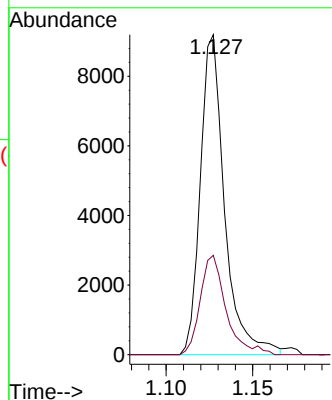
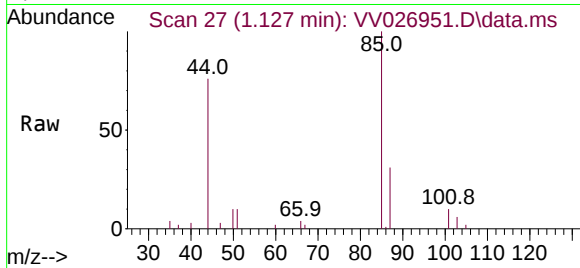
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 1.878 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026951.D
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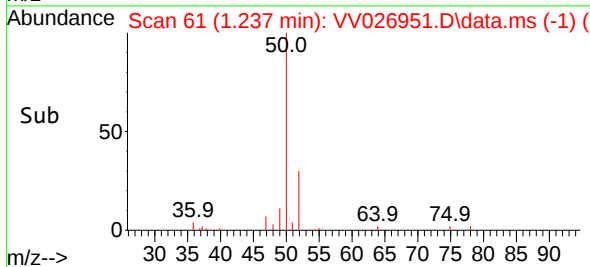
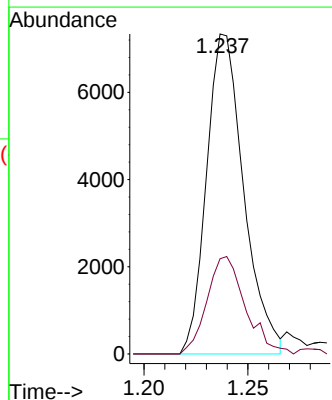
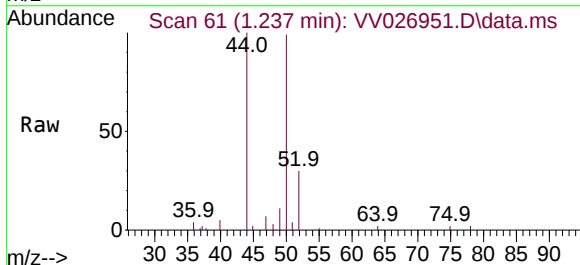
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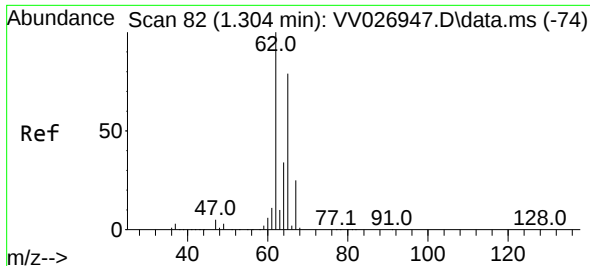
Tgt Ion: 85 Resp: 8930
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.1 39.1



#3
 Chloromethane
 Concen: 2.051 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV026951.D
 Acq: 26 Jul 2022 14:52

Tgt Ion: 50 Resp: 9124
 Ion Ratio Lower Upper
 50 100
 52 29.8 23.1 42.9

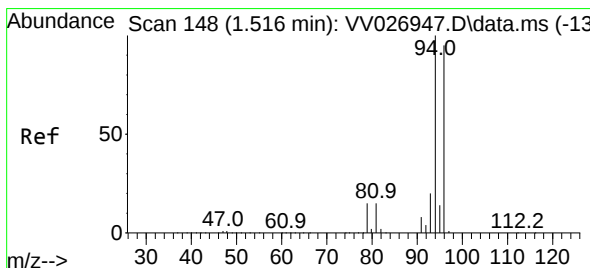
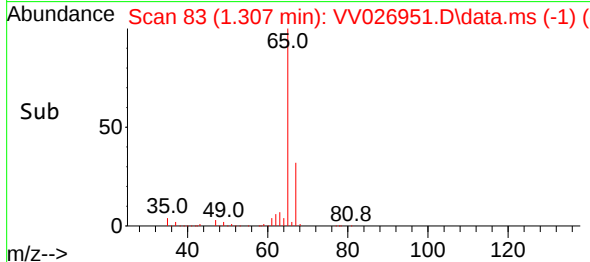
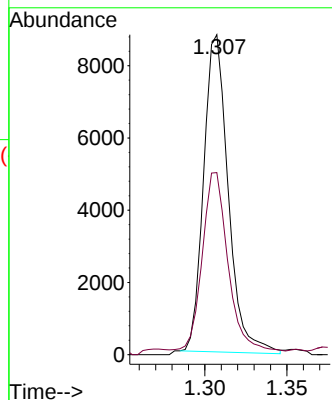
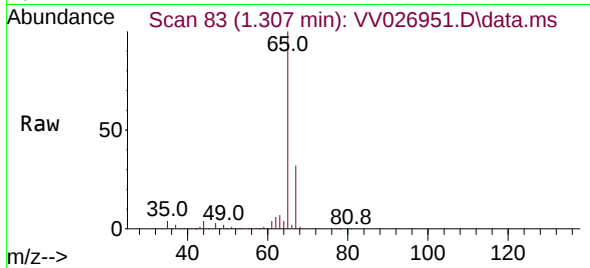




#5
 Vinyl chloride
 Concen: 1.936 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026951.D
 Acq: 26 Jul 2022 14:52

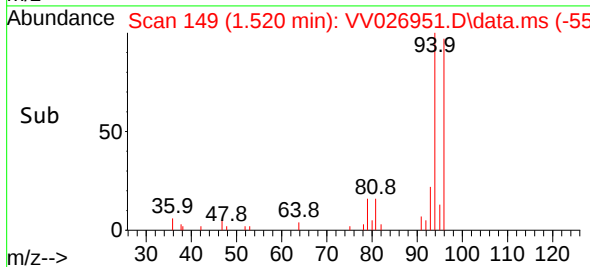
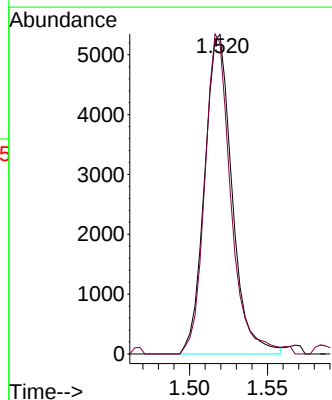
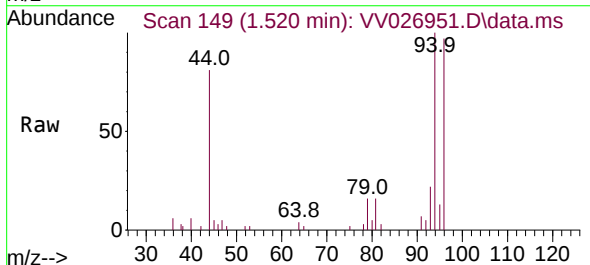
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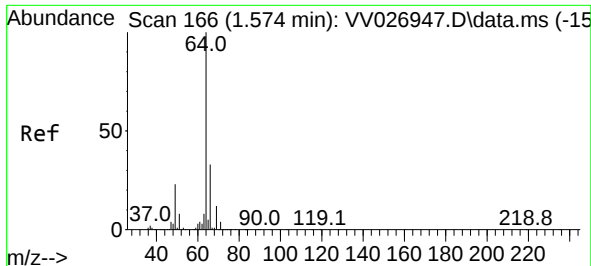
Tgt Ion: 62 Resp: 9151
 Ion Ratio Lower Upper
 62 100
 64 56.9 23.0 42.6#



#6
 Bromomethane
 Concen: 2.287 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV026951.D
 Acq: 26 Jul 2022 14:52

Tgt Ion: 94 Resp: 6533
 Ion Ratio Lower Upper
 94 100
 96 97.4 65.8 122.2

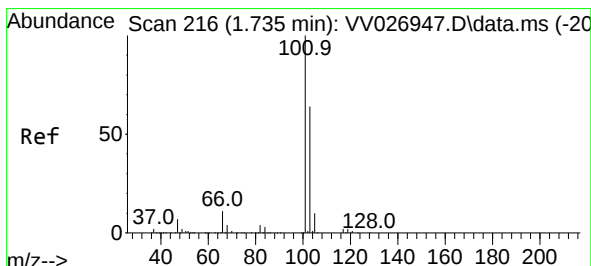
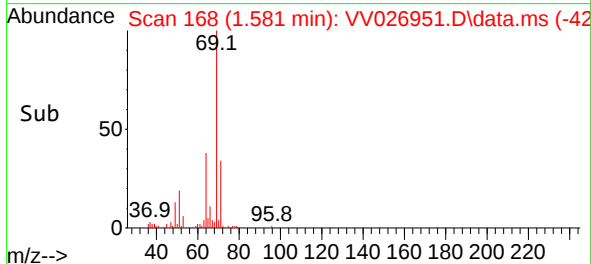
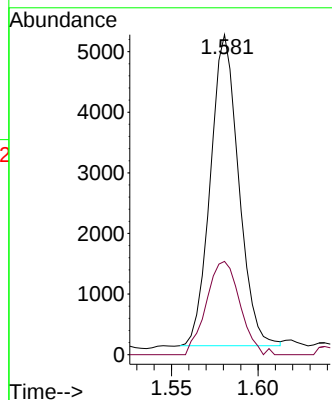
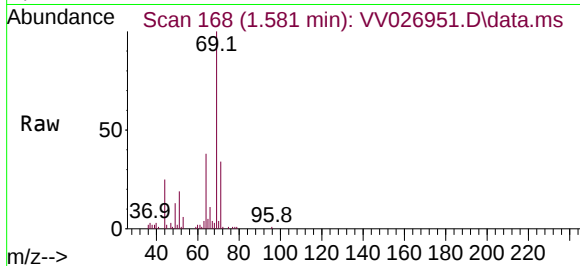




#8
Chloroethane
Concen: 2.098 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

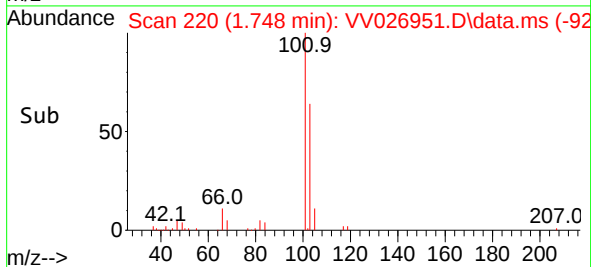
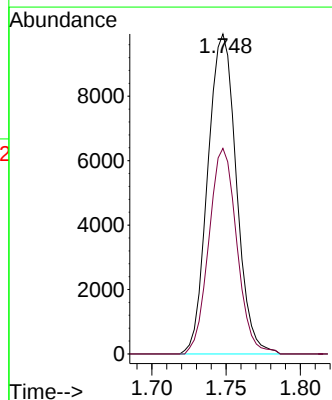
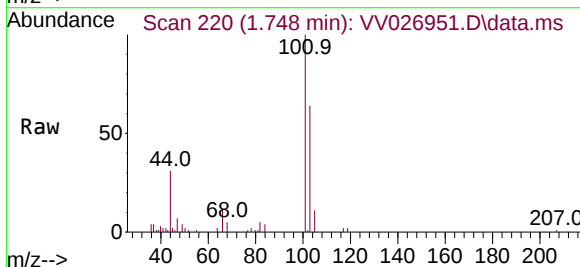
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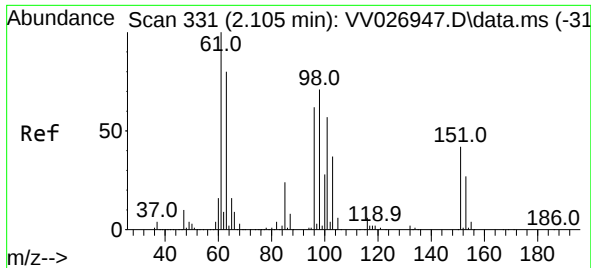
Tgt Ion: 64 Resp: 5828
Ion Ratio Lower Upper
64 100
66 29.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 2.039 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.013 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion:101 Resp: 13288
Ion Ratio Lower Upper
101 100
103 62.9 51.8 77.8

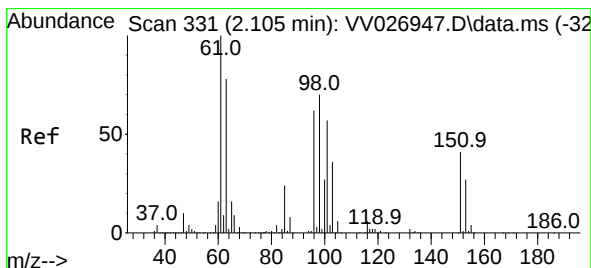
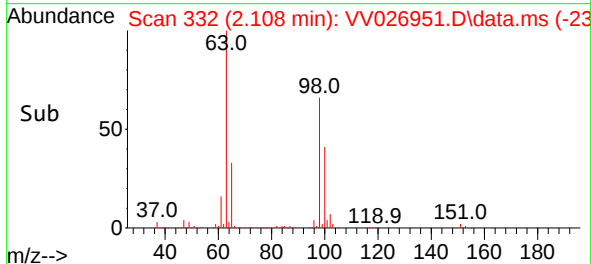
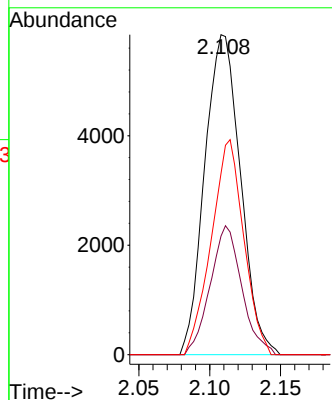
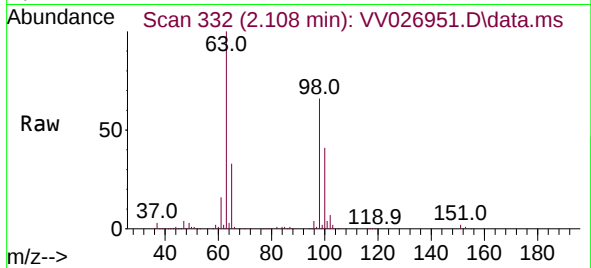




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.691 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV026951.D
 Acq: 26 Jul 2022 14:52

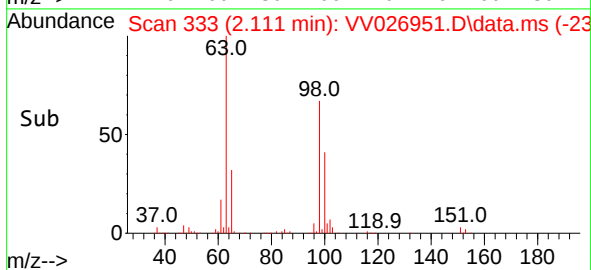
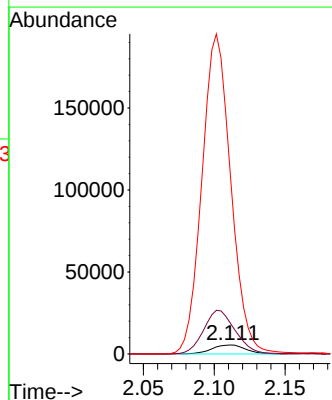
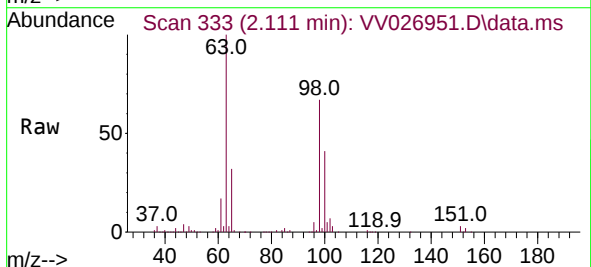
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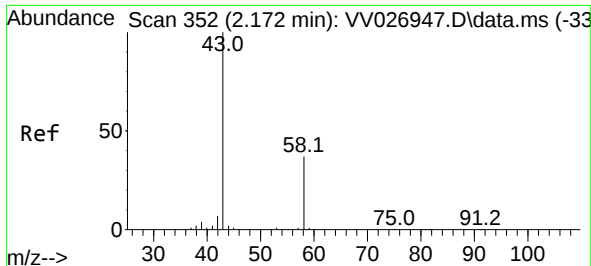
Tgt Ion:101 Resp: 10254
 Ion Ratio Lower Upper
 101 100
 85 35.6 33.1 49.7
 151 61.0 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 2.537 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.006 min
 Lab File: VV026951.D
 Acq: 26 Jul 2022 14:52

Tgt Ion: 96 Resp: 9031
 Ion Ratio Lower Upper
 96 100
 61 345.3 114.2 212.0#
 63 2022.0 87.0 161.6#





#13

Acetone

Concen: 6.156 ug/L

RT: 2.179 min Scan# 352

Delta R.T. 0.006 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

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MSVOA_V

ClientSampleId :

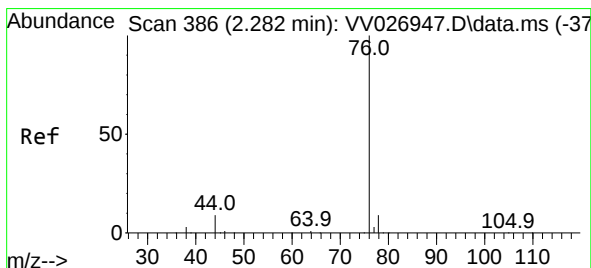
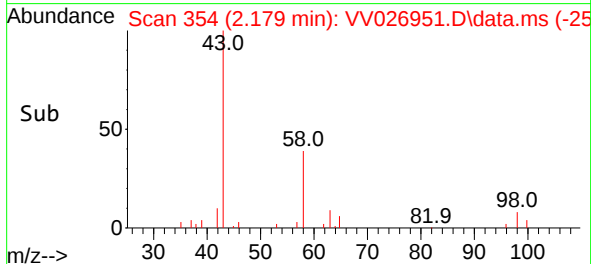
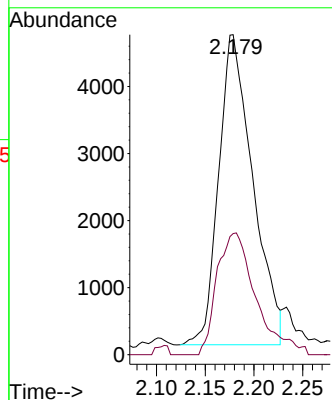
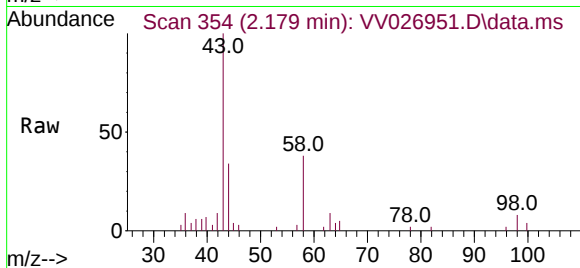
MDL-MED-SOIL-QT2-2022-04

Tgt Ion: 43 Resp: 11249

Ion Ratio Lower Upper

43 100

58 43.3 0.0 72.6



#14

Carbon disulfide

Concen: 1.943 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.006 min

Lab File: VV026951.D

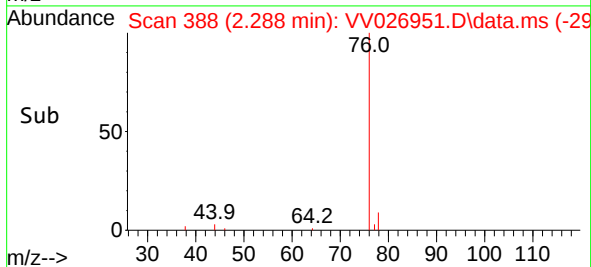
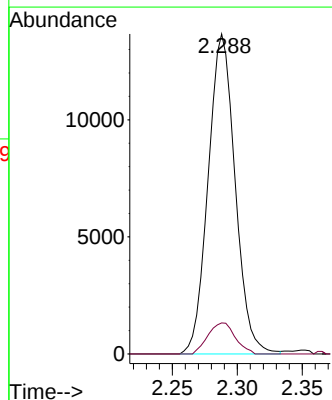
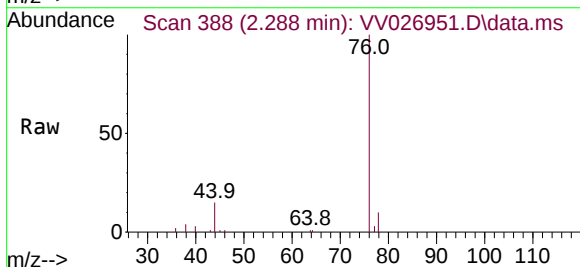
Acq: 26 Jul 2022 14:52

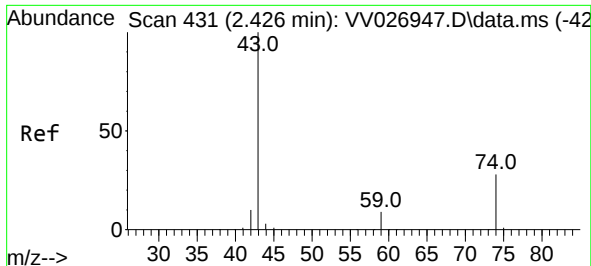
Tgt Ion: 76 Resp: 19729

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

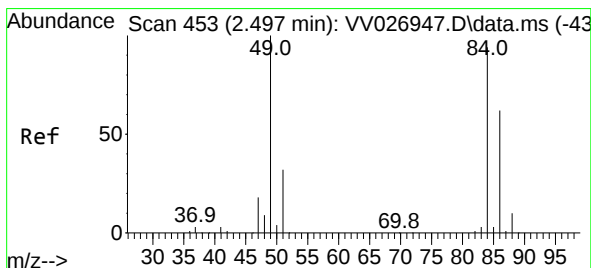
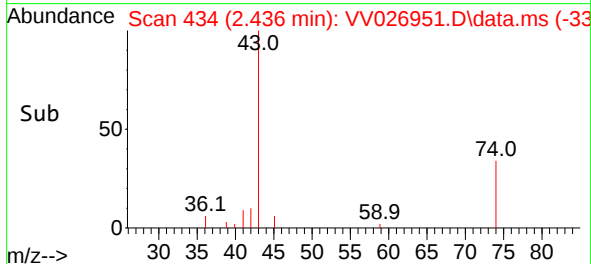
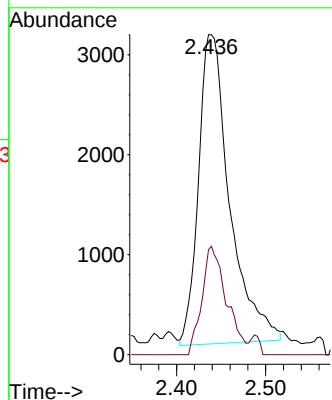
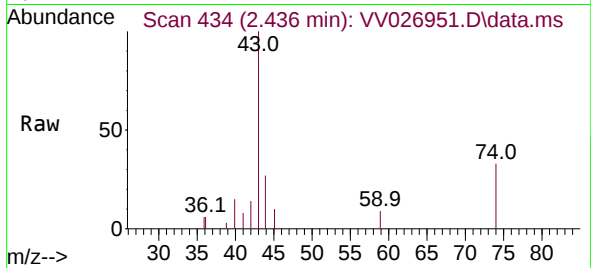




#15
Methyl Acetate
Concen: 1.867 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

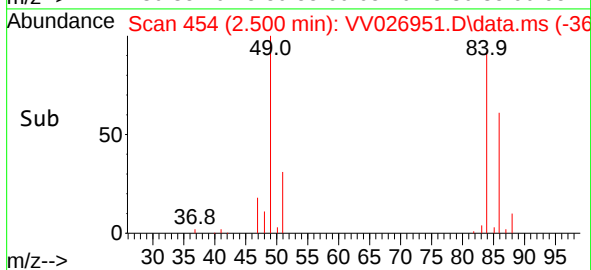
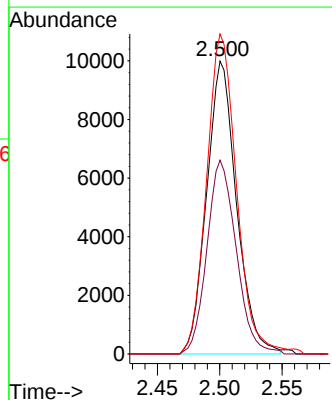
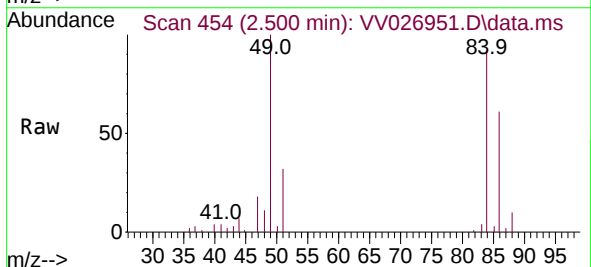
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

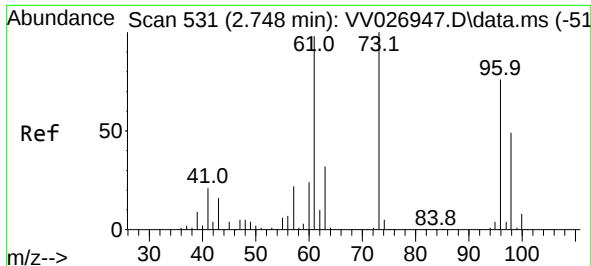
Tgt Ion: 43 Resp: 7525
Ion Ratio Lower Upper
43 100
74 23.4 22.1 33.1



#16
Methylene chloride
Concen: 3.675 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion: 84 Resp: 16675
Ion Ratio Lower Upper
84 100
86 66.2 44.5 82.7
49 109.3 75.0 139.2





#17

trans-1,2-Dichloroethene

Concen: 1.904 ug/L

RT: 2.757 min Scan# 51

Delta R.T. 0.010 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2022-04

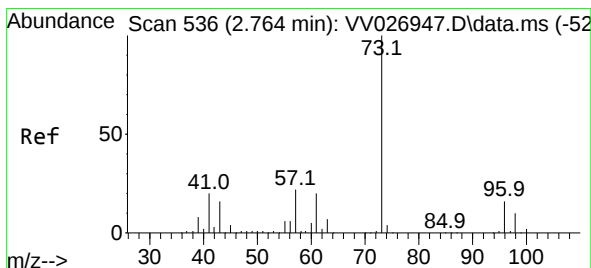
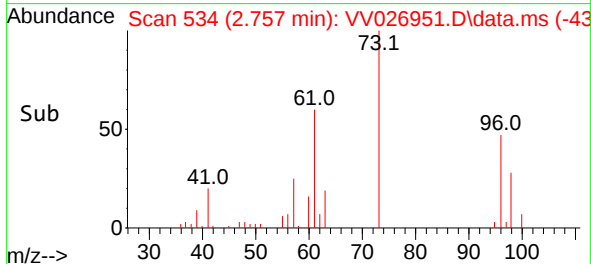
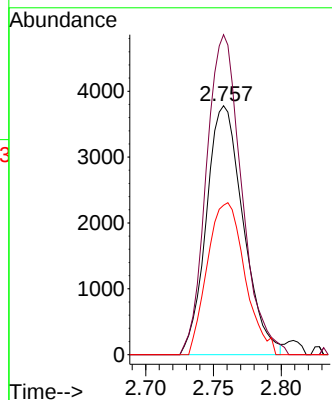
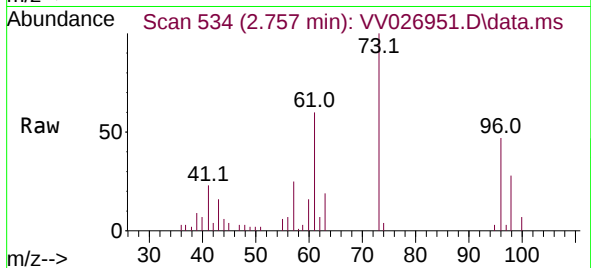
Tgt Ion: 96 Resp: 7161

Ion Ratio Lower Upper

96 100

61 128.5 89.2 165.6

98 60.0 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 1.846 ug/L

RT: 2.761 min Scan# 535

Delta R.T. -0.003 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

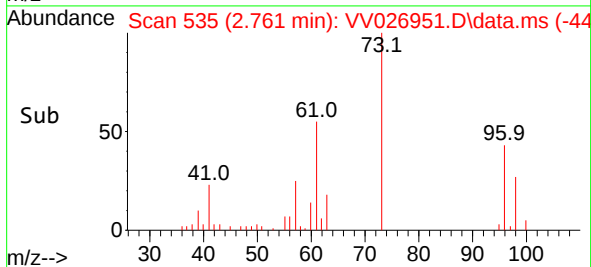
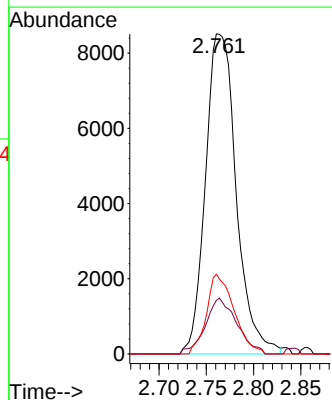
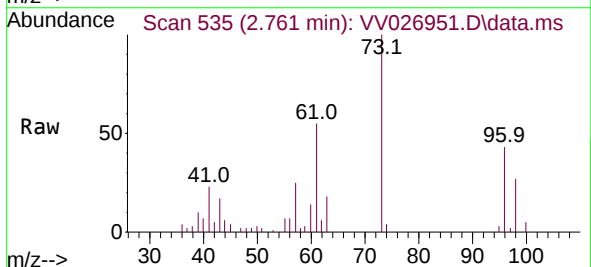
Tgt Ion: 73 Resp: 19286

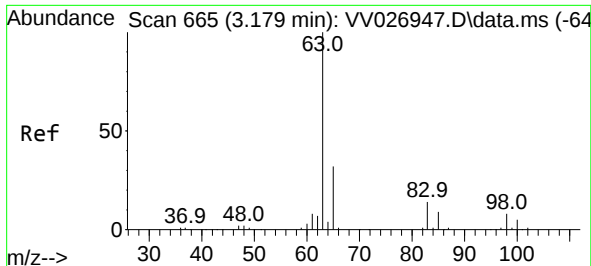
Ion Ratio Lower Upper

73 100

43 17.5 12.8 19.2

57 22.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 1.860 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2022-04

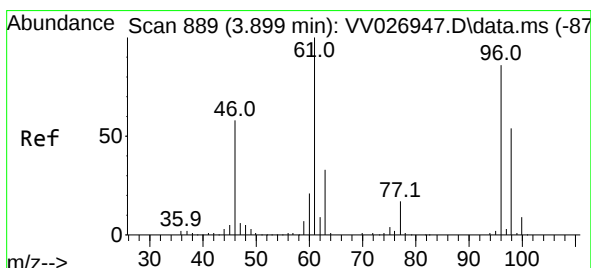
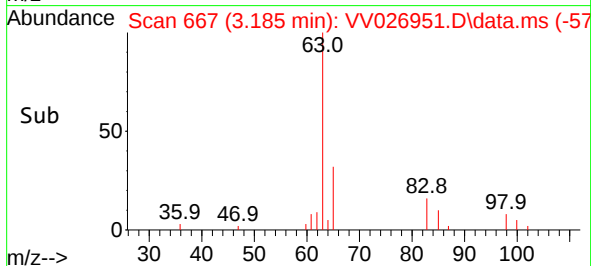
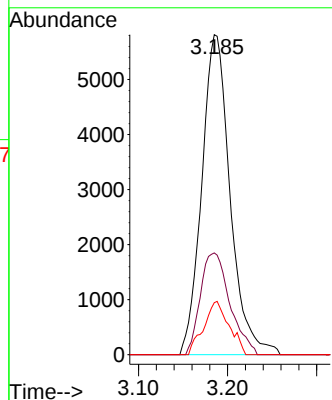
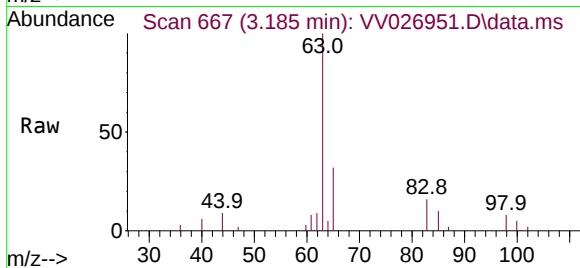
Tgt Ion: 63 Resp: 12883

Ion Ratio Lower Upper

63 100

65 31.8 22.6 42.0

83 16.3 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 1.964 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

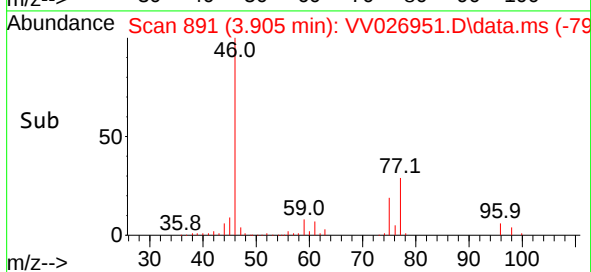
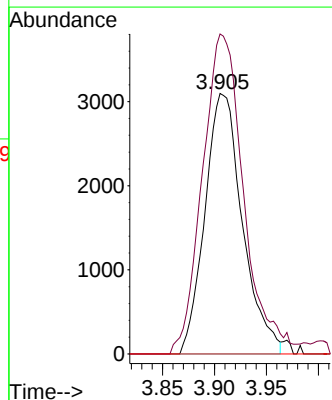
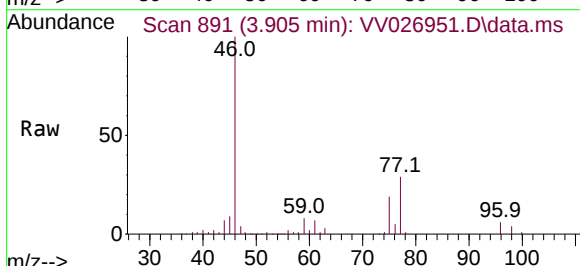
Tgt Ion: 96 Resp: 7784

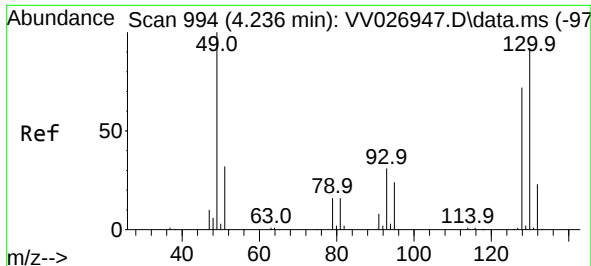
Ion Ratio Lower Upper

96 100

61 122.8 83.0 154.1

68 0.0 0.0 0.0

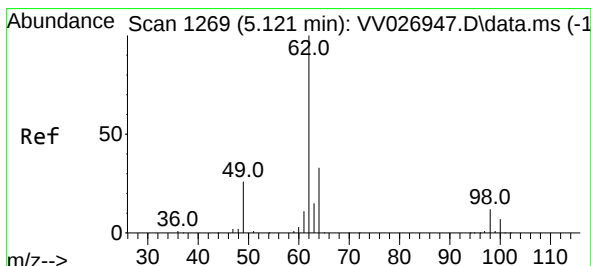
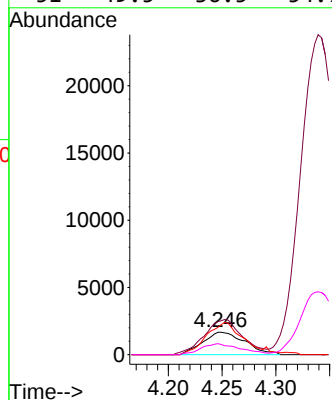
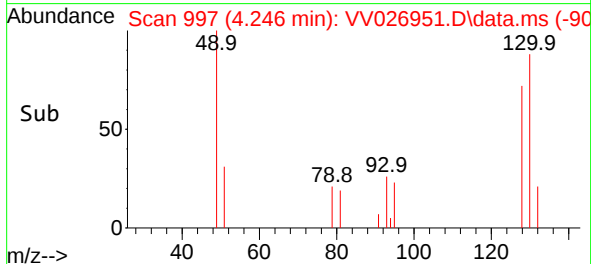
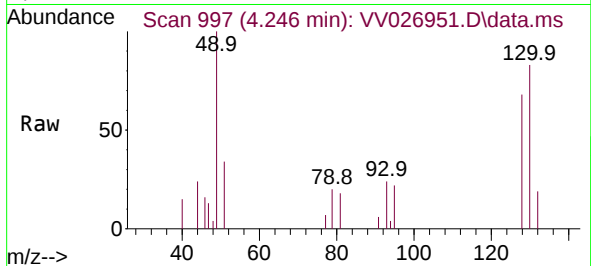




#23
Bromochloromethane
Concen: 2.019 ug/L
RT: 4.246 min Scan# 994
Delta R.T. 0.010 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

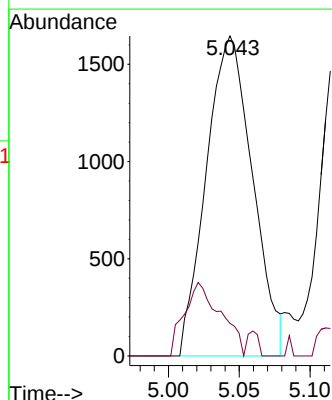
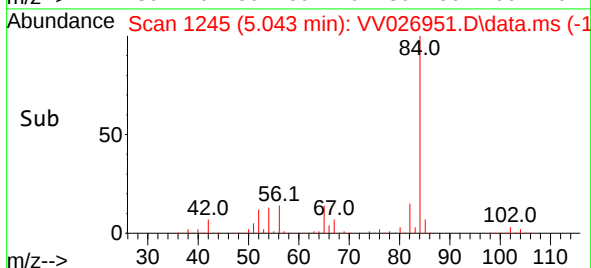
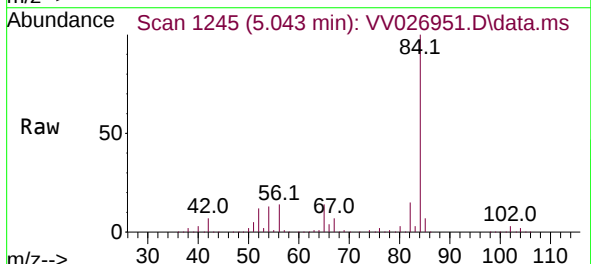
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

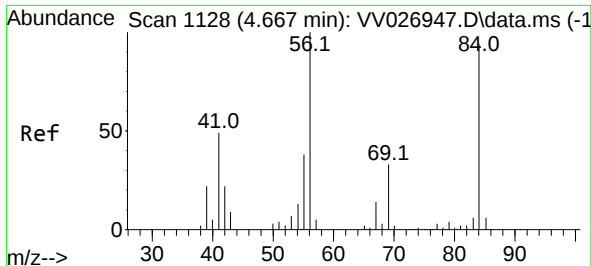
Tgt Ion:128 Resp: 4582
Ion Ratio Lower Upper
128 100
49 147.4 101.0 187.6
130 122.2 90.0 167.2
51 49.5 36.5 54.7



#27
1,2-Dichloroethane
Concen: 0.718 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.077 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion: 62 Resp: 3743
Ion Ratio Lower Upper
62 100
98 10.2 8.9 13.3

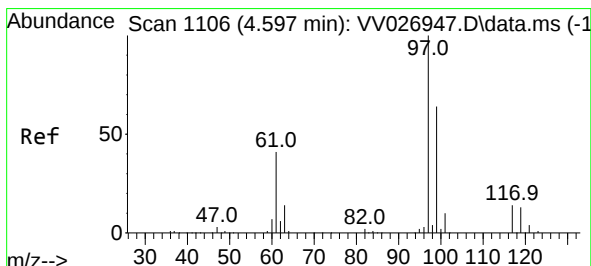
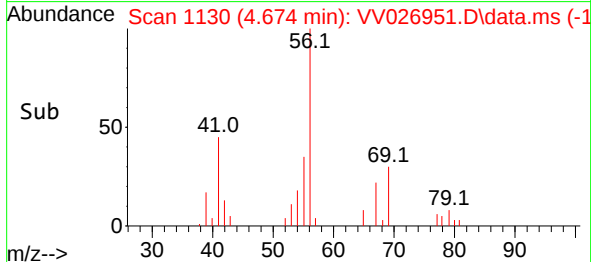
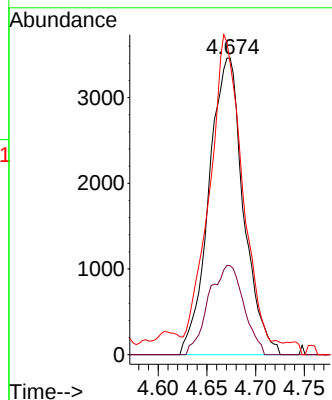
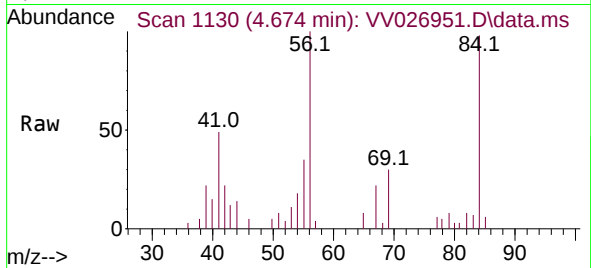




#29
Cyclohexane
Concen: 1.727 ug/L
RT: 4.674 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

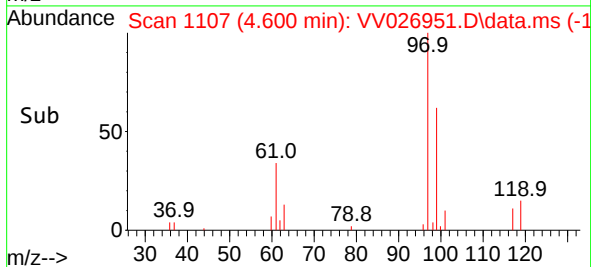
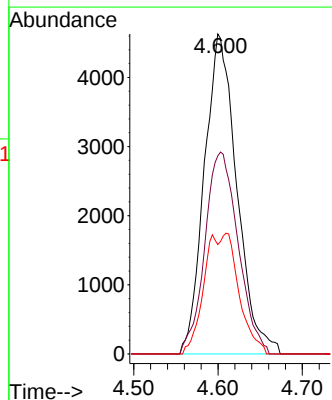
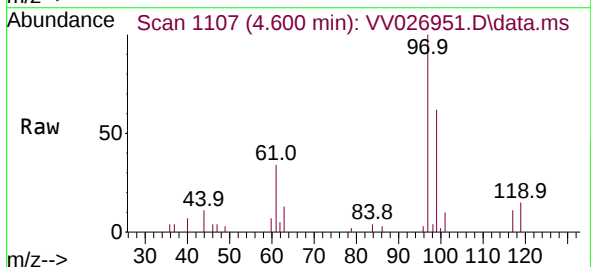
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

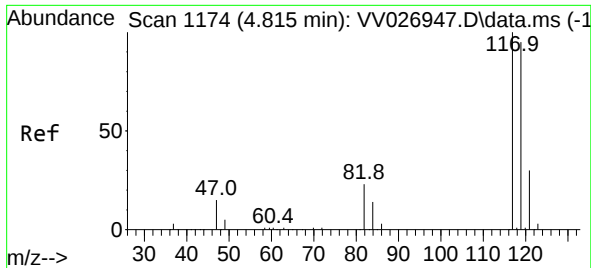
Tgt Ion: 56 Resp: 8531
Ion Ratio Lower Upper
56 100
69 20.2 25.7 38.5#
84 94.7 77.0 115.6



#30
1,1,1-Trichloroethane
Concen: 1.986 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion: 97 Resp: 12398
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 17.9 33.1 49.7#

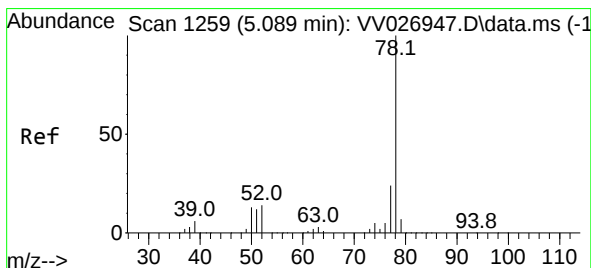
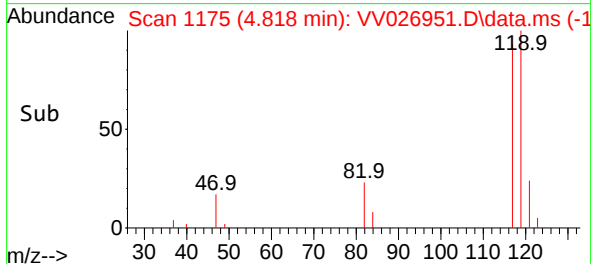
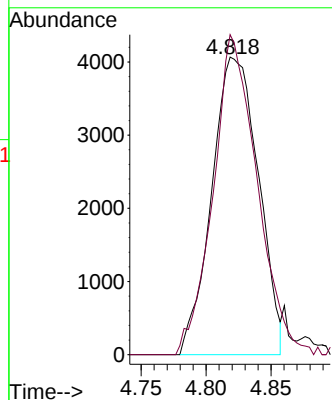
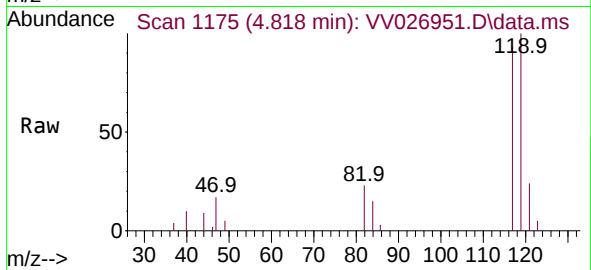




#31
Carbon tetrachloride
Concen: 1.860 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

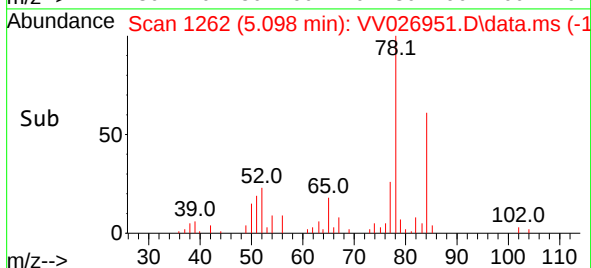
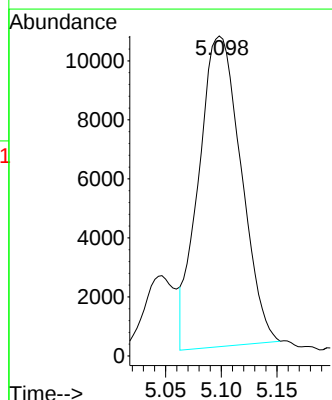
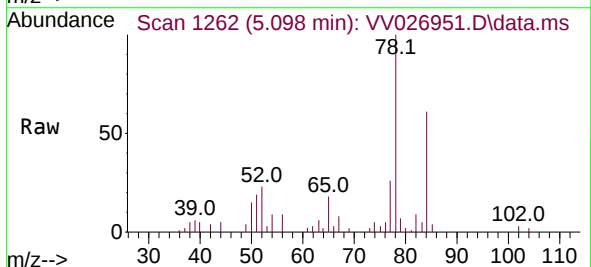
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2022-04

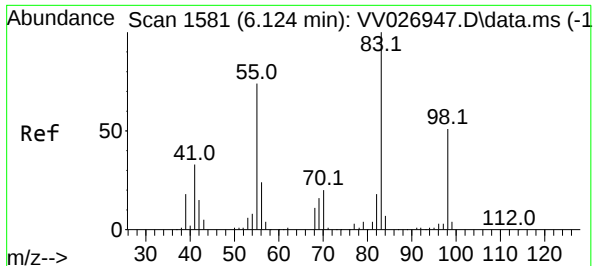
Tgt Ion:117 Resp: 10169
Ion Ratio Lower Upper
117 100
119 101.2 77.3 115.9



#33
Benzene
Concen: 1.832 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion: 78 Resp: 27835





#35

Methylcyclohexane

Concen: 1.736 ug/L

RT: 6.124 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2022-04

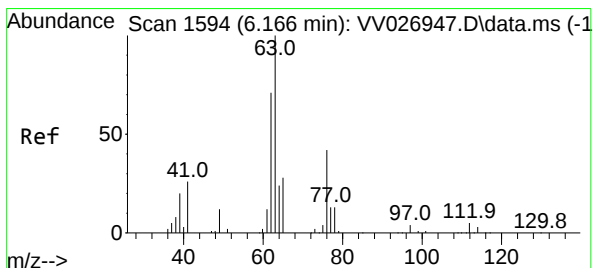
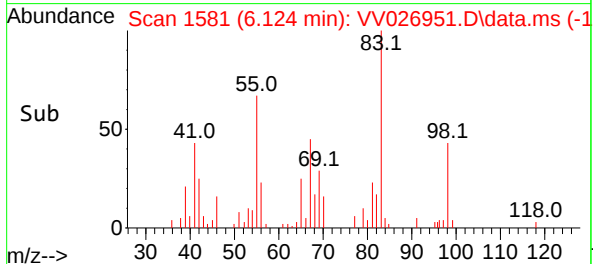
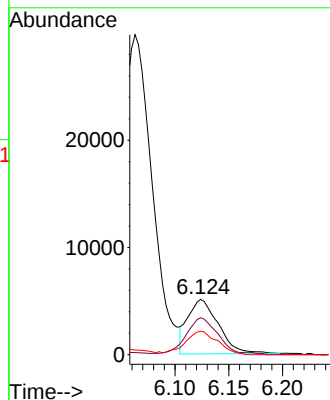
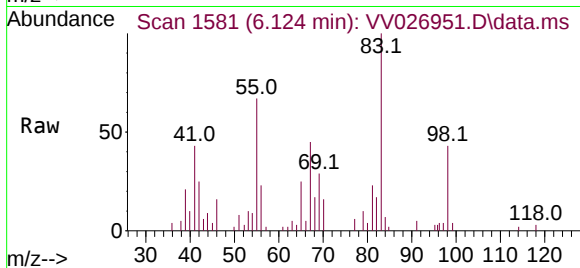
Tgt Ion: 83 Resp: 10035

Ion Ratio Lower Upper

83 100

55 66.7 57.4 86.2

98 45.5 39.4 59.0



#37

1,2-Dichloropropane

Concen: 1.770 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. 0.010 min

Lab File: VV026951.D

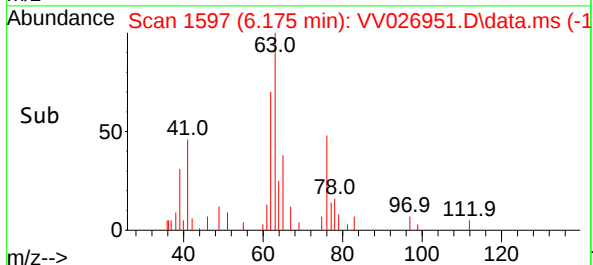
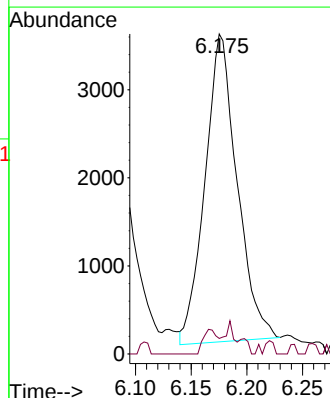
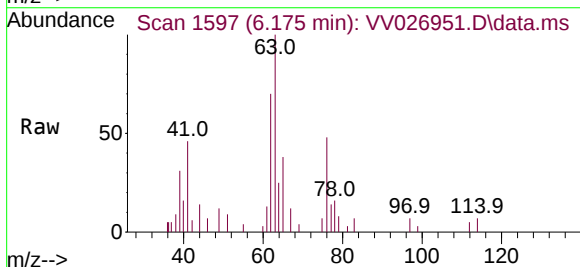
Acq: 26 Jul 2022 14:52

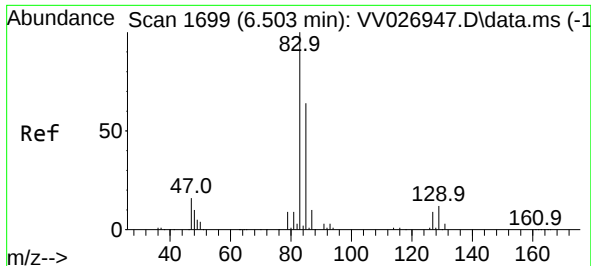
Tgt Ion: 63 Resp: 7000

Ion Ratio Lower Upper

63 100

112 2.4 3.8 5.8#

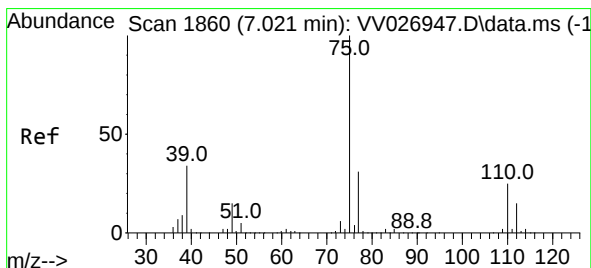
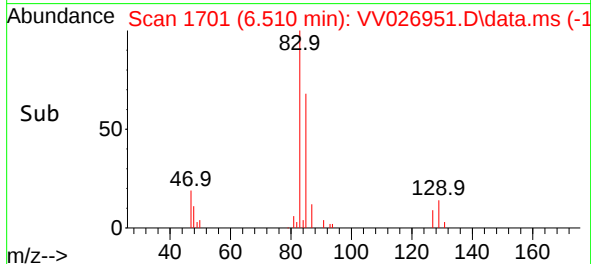
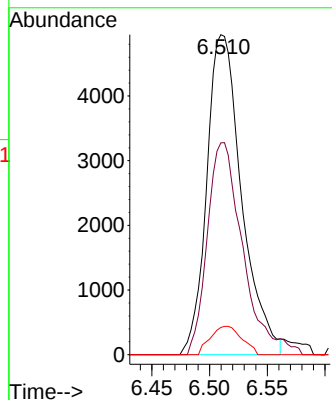
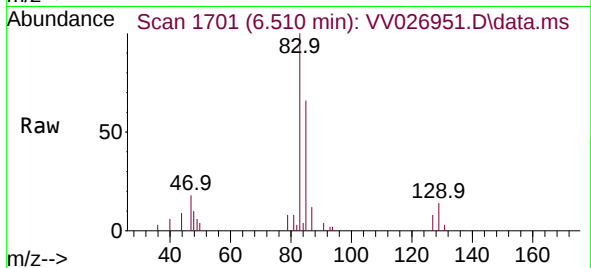




#38
Bromodichloromethane
Concen: 1.942 ug/L
RT: 6.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

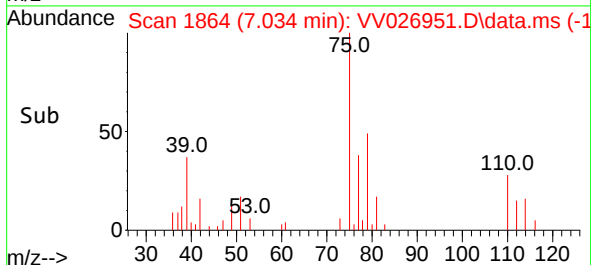
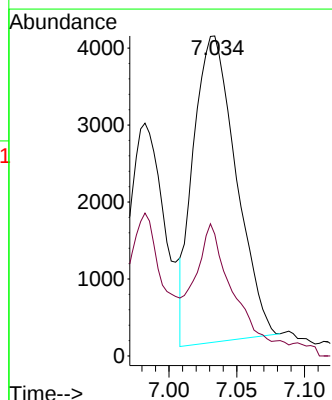
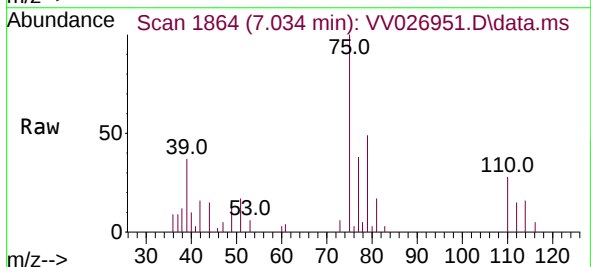
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

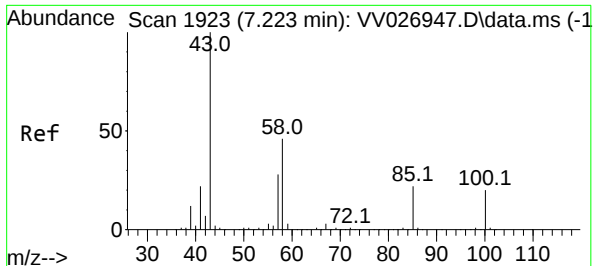
Tgt Ion:	83	Resp:	10409
Ion	Ratio	Lower	Upper
83	100		
85	66.2	45.1	83.9
127	8.5	6.9	10.3



#39
cis-1,3-Dichloropropene
Concen: 1.587 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.013 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion:	75	Resp:	8712
Ion	Ratio	Lower	Upper
75	100		
77	38.1	22.4	41.6





#40

4-Methyl-2-pentanone

Concen: 2.962 ug/L

RT: 7.230 min Scan# 1923

Delta R.T. 0.006 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2022-04

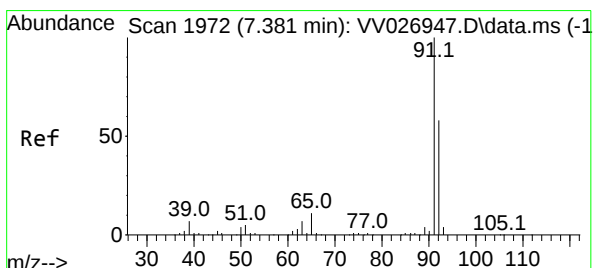
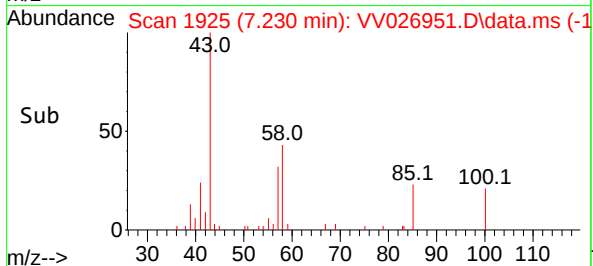
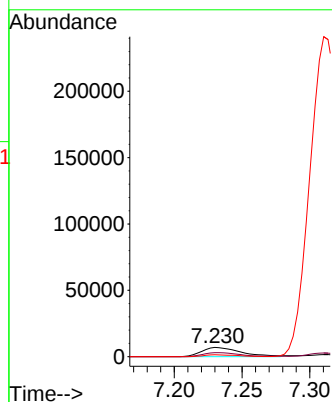
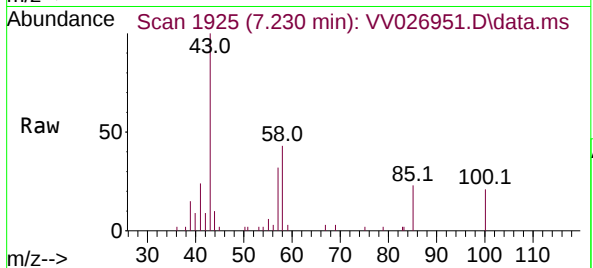
Tgt Ion: 43 Resp: 13941

Ion Ratio Lower Upper

43 100

58 40.6 35.0 52.6

100 18.4 15.4 23.0



#42

Toluene

Concen: 1.849 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.010 min

Lab File: VV026951.D

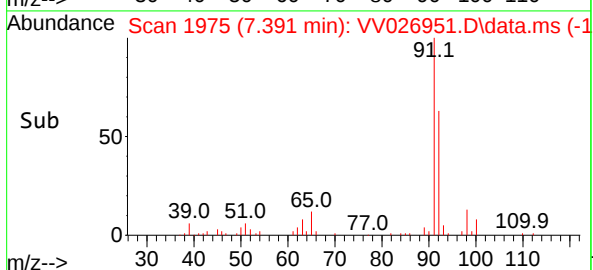
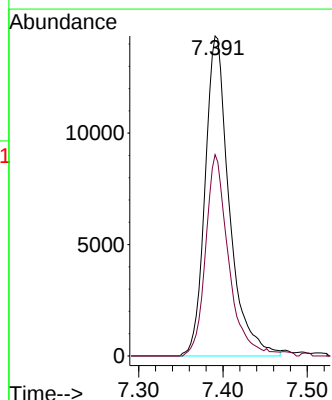
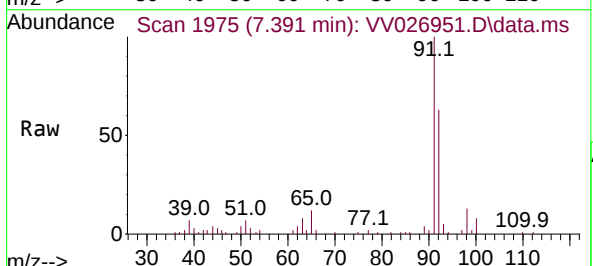
Acq: 26 Jul 2022 14:52

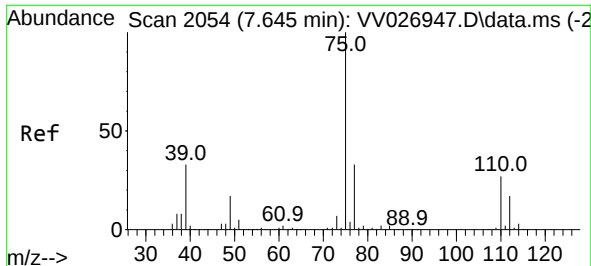
Tgt Ion: 91 Resp: 28677

Ion Ratio Lower Upper

91 100

92 62.9 40.5 75.1

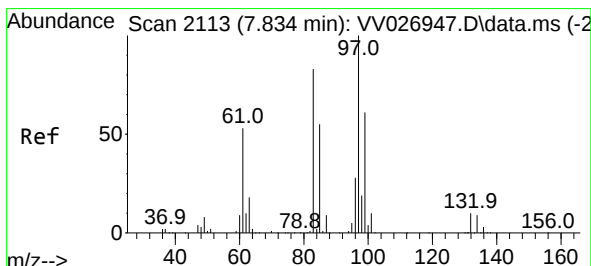
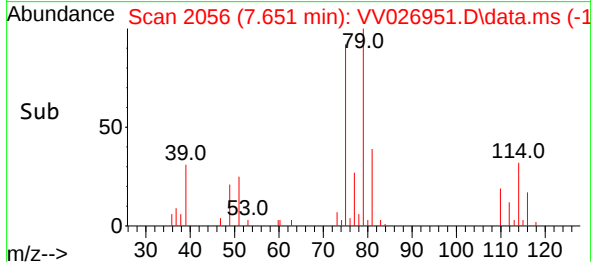
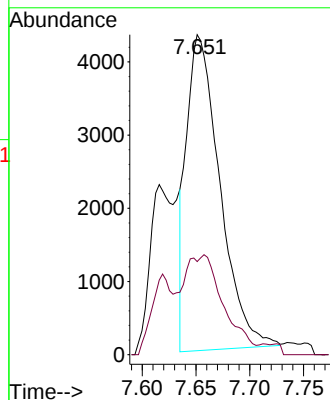
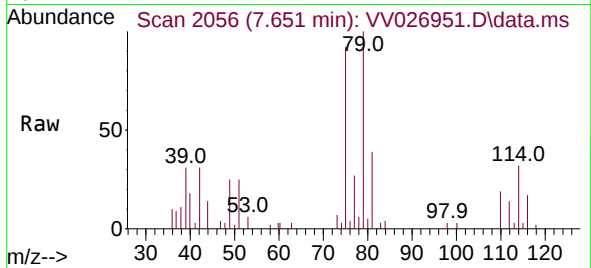




#44
trans-1,3-Dichloropropene
Concen: 1.715 ug/L
RT: 7.651 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

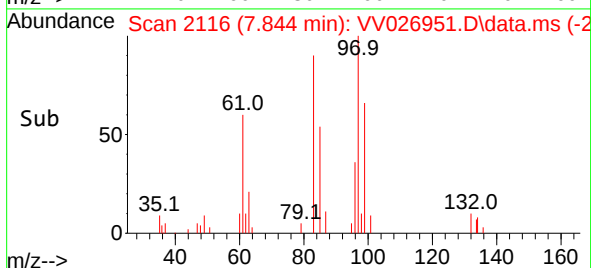
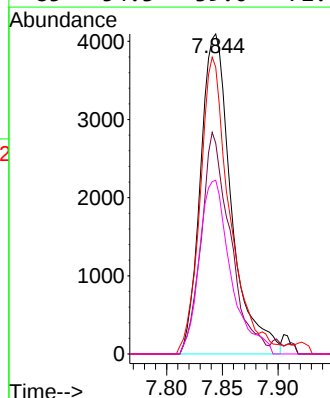
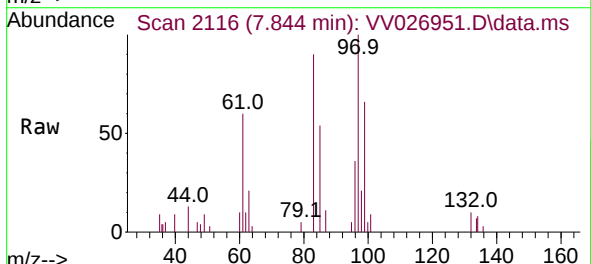
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

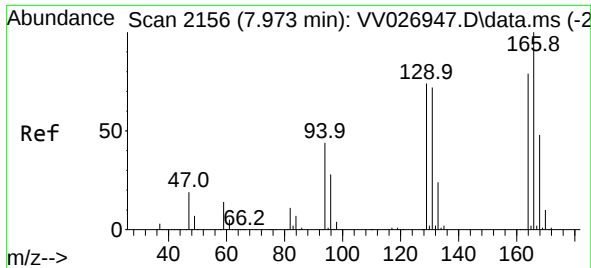
Tgt Ion: 75 Resp: 9284
Ion Ratio Lower Upper
75 100
77 29.1 21.3 39.6



#45
1,1,2-Trichloroethane
Concen: 1.878 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.010 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion: 97 Resp: 7911
Ion Ratio Lower Upper
97 100
99 65.9 44.0 81.8
83 89.6 59.9 111.3
85 54.3 39.0 72.4



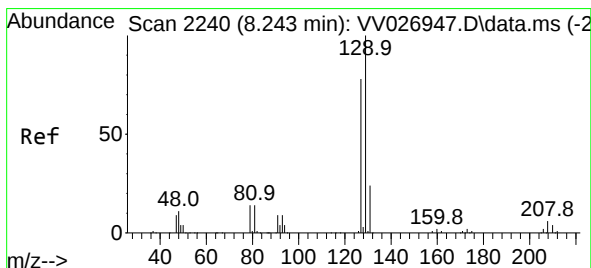
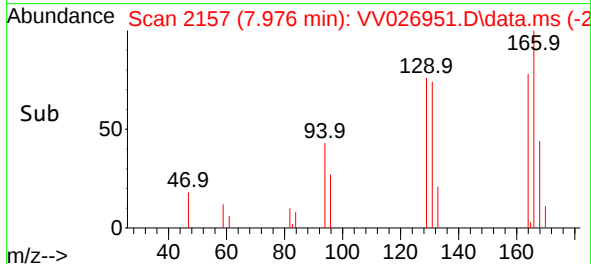
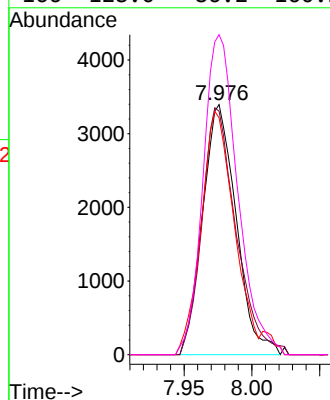
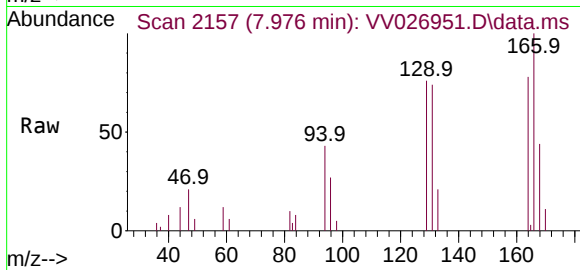


#46
Tetrachloroethene
Concen: 1.922 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

Tgt Ion:164 Resp: 5853

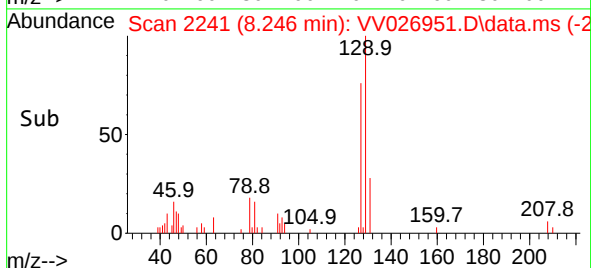
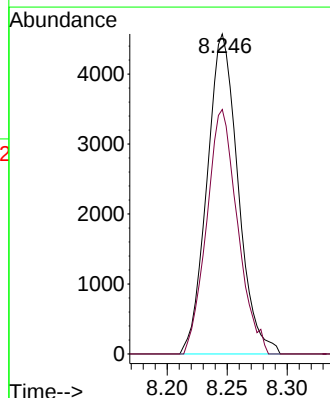
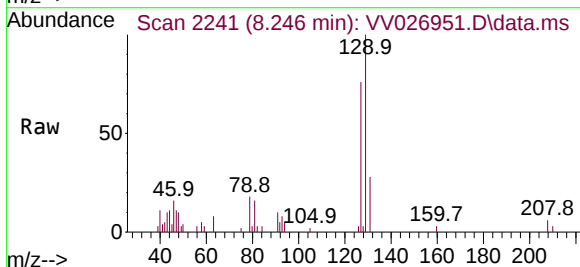
Ion	Ratio	Lower	Upper
164	100		
129	97.3	66.3	123.1
131	94.8	63.1	117.3
166	128.0	86.2	160.2

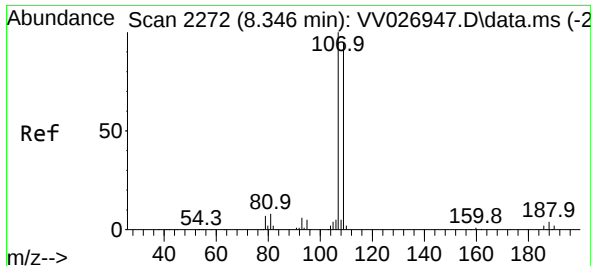


#49
Dibromochloromethane
Concen: 1.873 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion:129 Resp: 8246

Ion	Ratio	Lower	Upper
129	100		
127	76.4	53.7	99.7





#50

1,2-Dibromoethane

Concen: 1.917 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

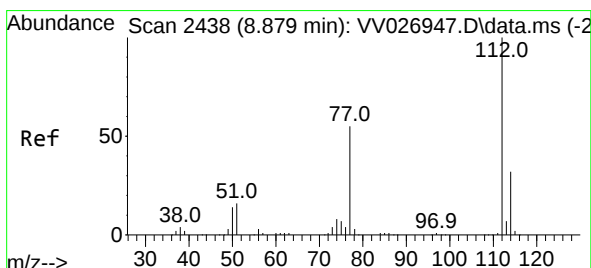
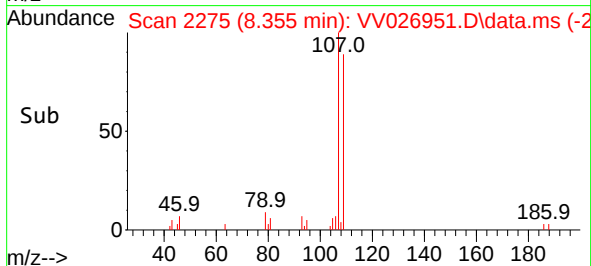
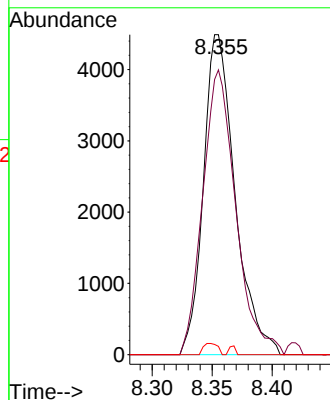
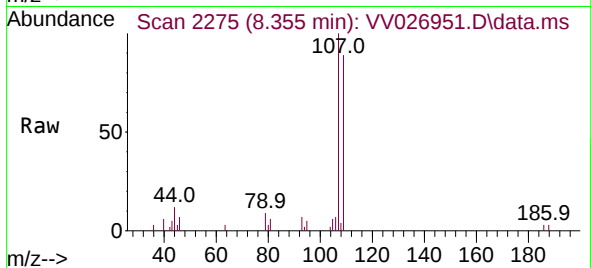
Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2022-04

Tgt Ion:	107	Resp:	8259
Ion	Ratio	Lower	Upper
107	100		
109	89.0	64.9	120.5
188	2.6	2.6	3.8



#51

Chlorobenzene

Concen: 1.881 ug/L

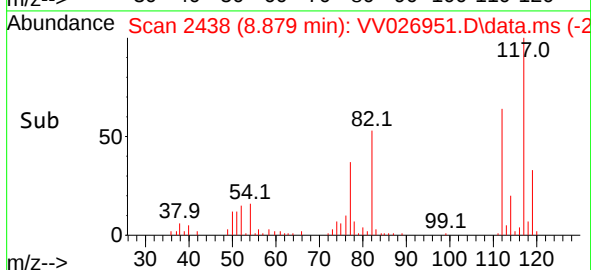
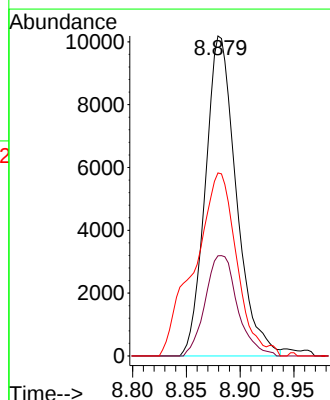
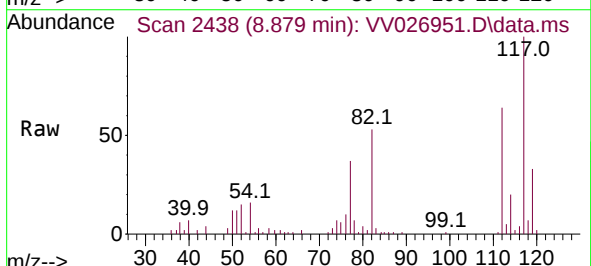
RT: 8.879 min Scan# 2438

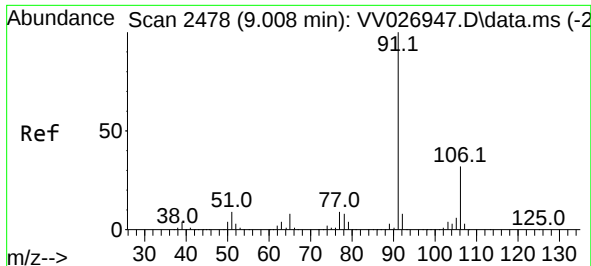
Delta R.T. -0.000 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

Tgt Ion:	112	Resp:	20339
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.7	42.1
77	57.2	44.4	66.6

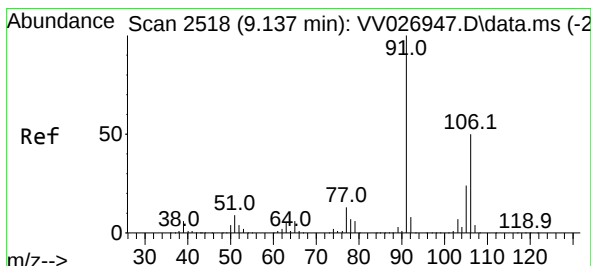
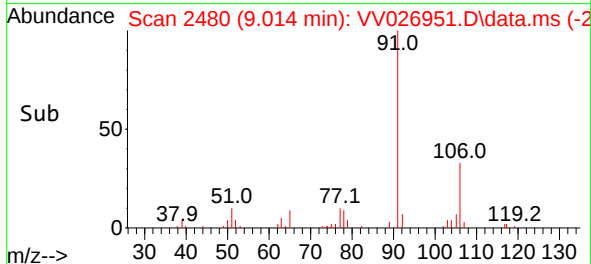
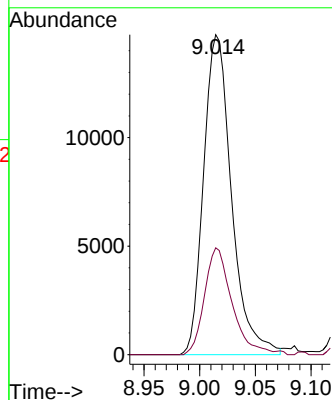
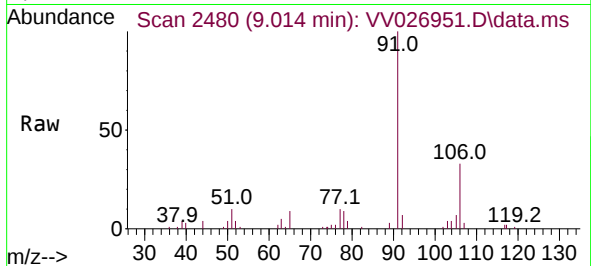




#52
Ethylbenzene
Concen: 1.599 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

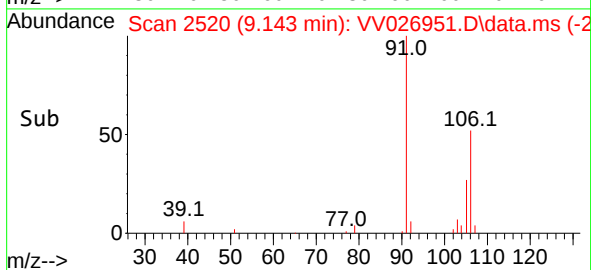
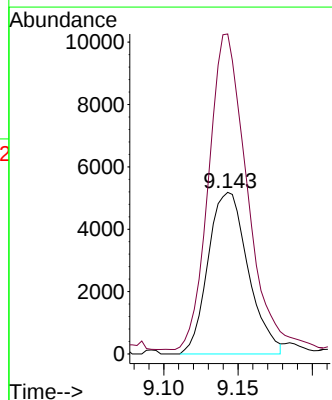
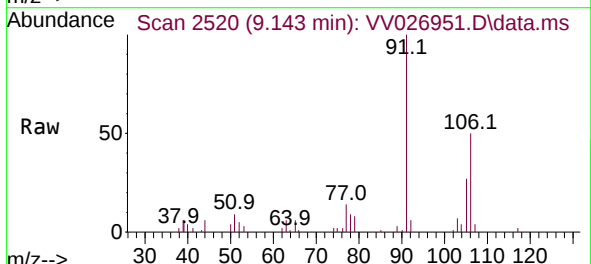
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

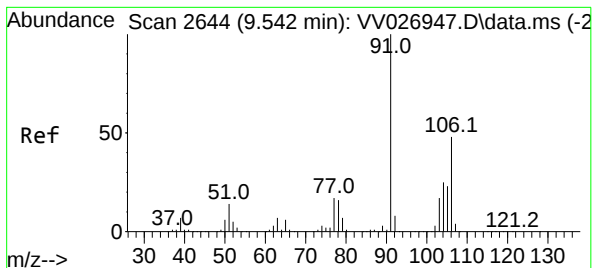
Tgt Ion: 91 Resp: 25739
Ion Ratio Lower Upper
91 100
106 33.4 22.0 40.8



#53
m,p-Xylene
Concen: 1.539 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion: 106 Resp: 9704
Ion Ratio Lower Upper
106 100
91 198.1 140.0 260.0





#54

o-Xylene

Concen: 1.521 ug/L

RT: 9.545 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

Instrument :

MSVOA_V

ClientSampleId :

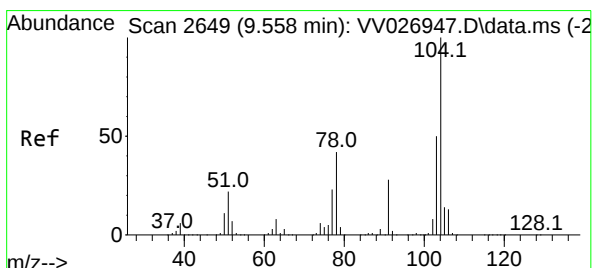
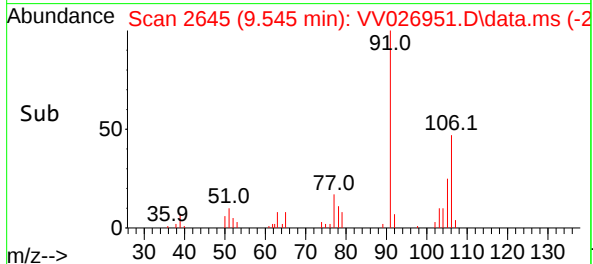
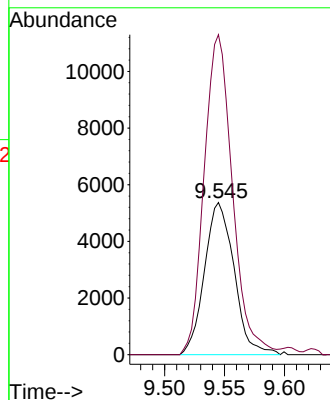
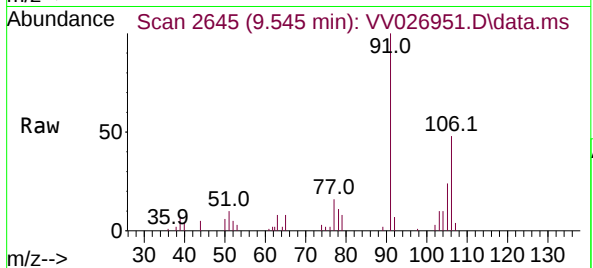
MDL-MED-SOIL-QT2-2022-04

Tgt Ion:106 Resp: 9233

Ion Ratio Lower Upper

106 100

91 210.3 146.1 271.3



#55

Styrene

Concen: 1.364 ug/L

RT: 9.567 min Scan# 2652

Delta R.T. 0.010 min

Lab File: VV026951.D

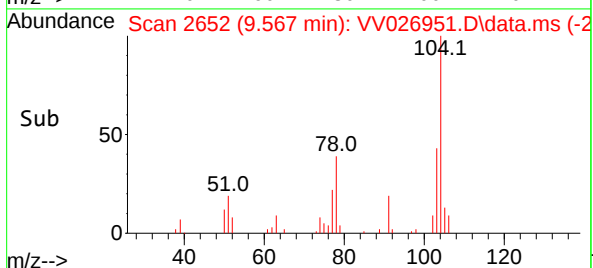
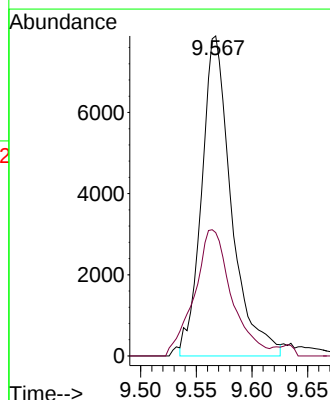
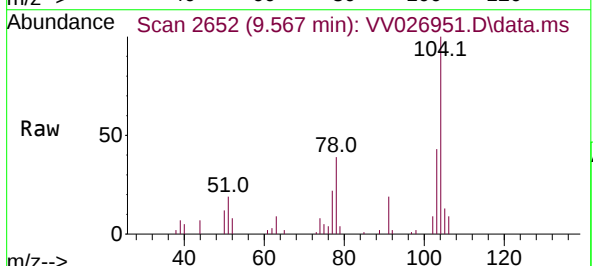
Acq: 26 Jul 2022 14:52

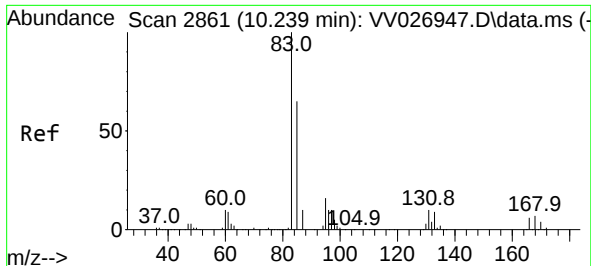
Tgt Ion:104 Resp: 14627

Ion Ratio Lower Upper

104 100

78 38.5 29.6 55.0

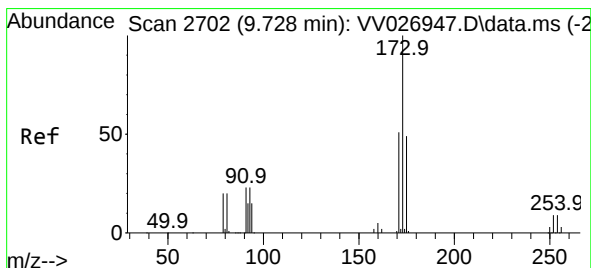
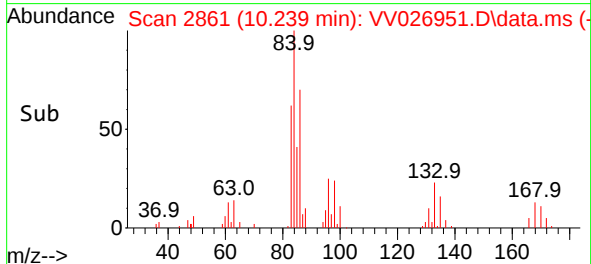
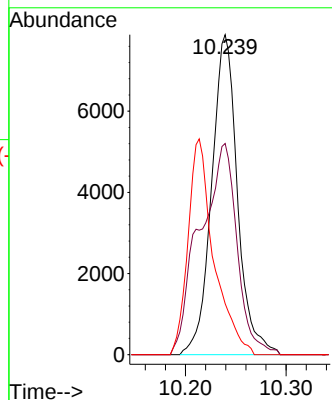
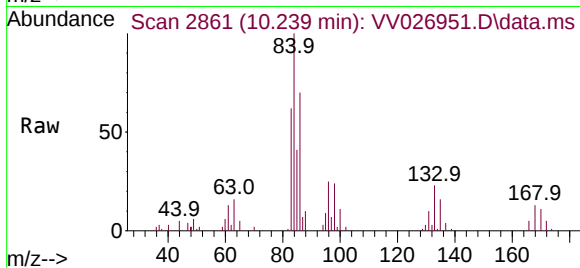




#57
1,1,2,2-Tetrachloroethane
Concen: 2.070 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

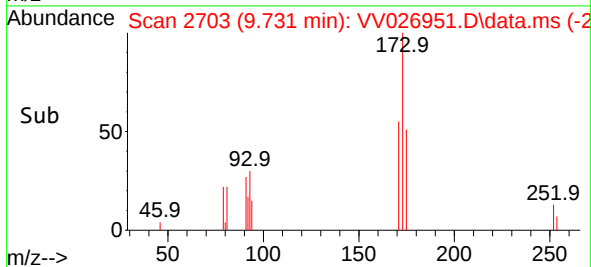
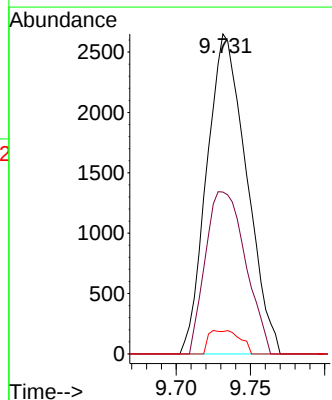
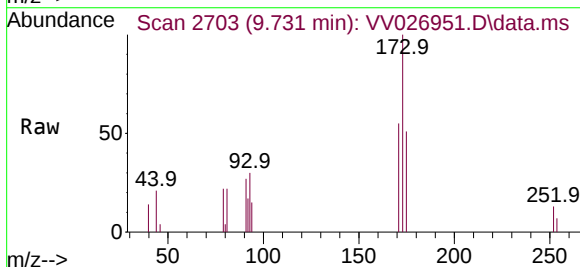
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2022-04

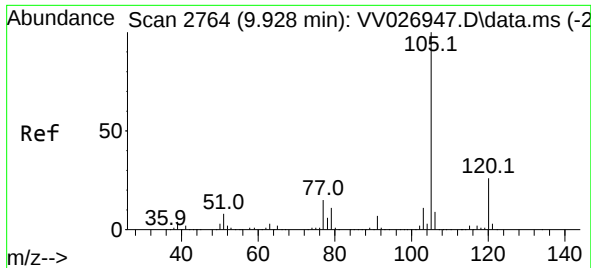
Tgt Ion: 83 Resp: 14070
Ion Ratio Lower Upper
83 100
85 66.0 45.3 84.1
131 15.9 7.8 11.6#



#59
Bromoform
Concen: 2.099 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion: 173 Resp: 4921
Ion Ratio Lower Upper
173 100
175 51.1 38.6 57.8
254 2.9 6.6 10.0#

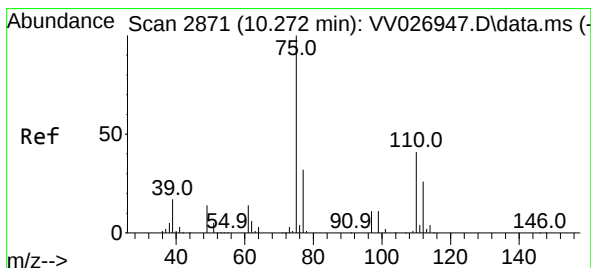
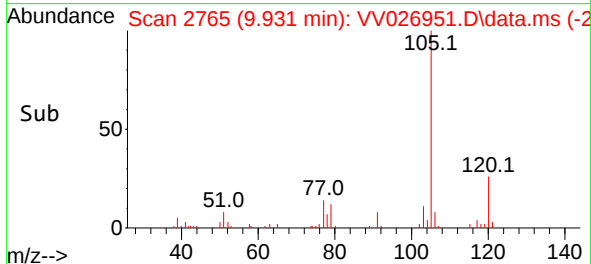
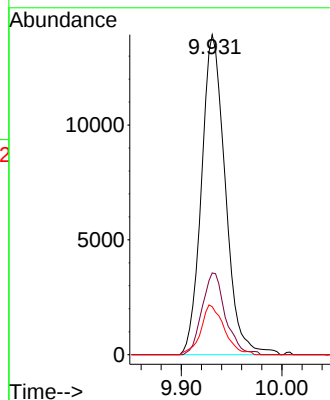
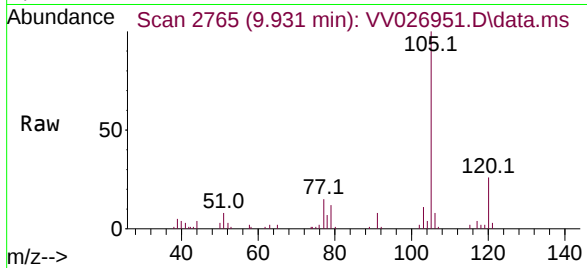




#60
Isopropylbenzene
Concen: 1.848 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

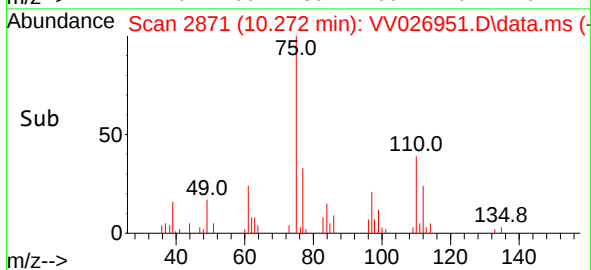
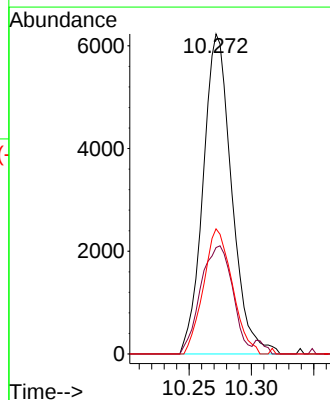
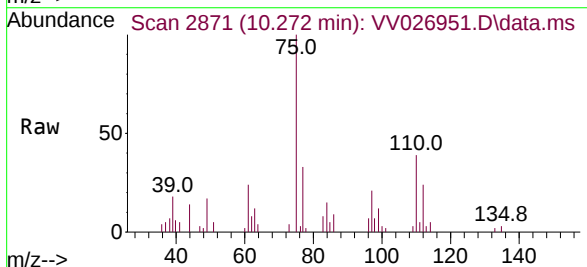
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

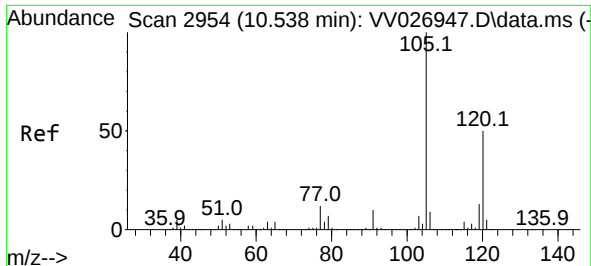
Tgt Ion:105 Resp: 22916
Ion Ratio Lower Upper
105 100
120 24.9 21.1 31.7
77 15.0 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 2.356 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion: 75 Resp: 9921
Ion Ratio Lower Upper
75 100
77 38.0 25.6 38.4
110 39.5 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 1.766 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026951.D

Acq: 26 Jul 2022 14:52

Instrument :

MSVOA_V

ClientSampleId :

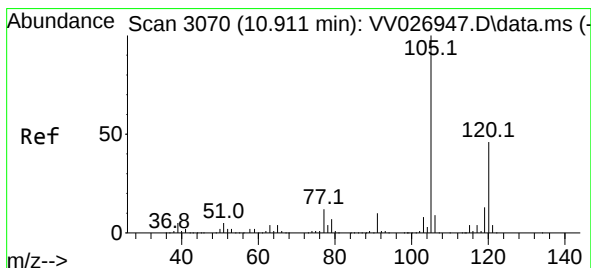
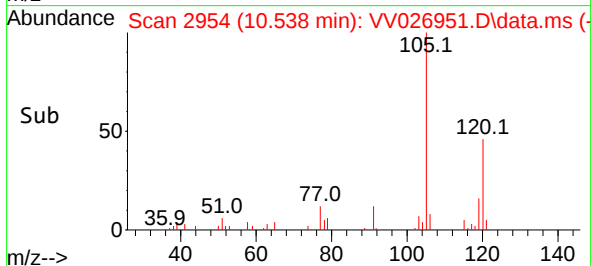
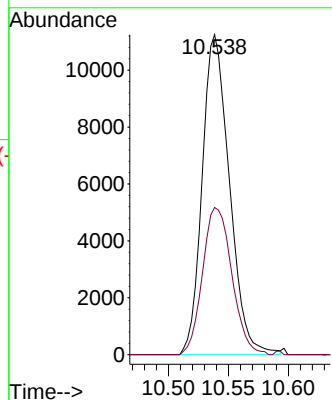
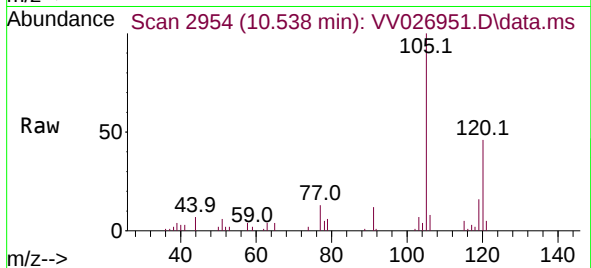
MDL-MED-SOIL-QT2-2022-04

Tgt Ion:105 Resp: 17795

Ion Ratio Lower Upper

105 100

120 49.4 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 1.612 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026951.D

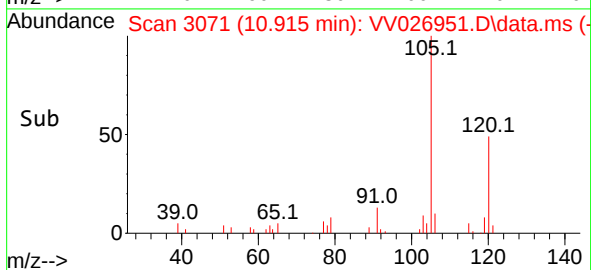
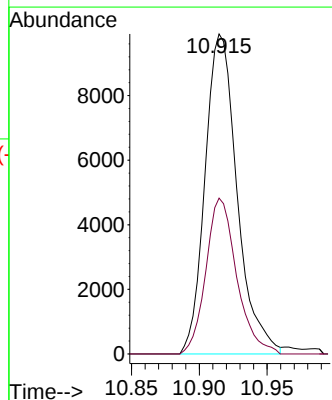
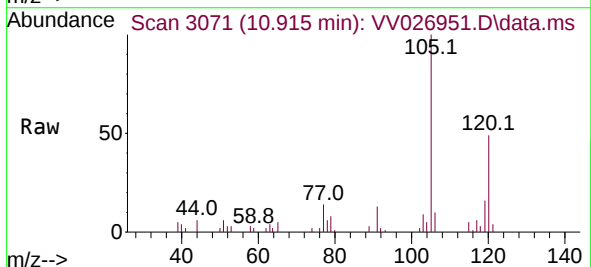
Acq: 26 Jul 2022 14:52

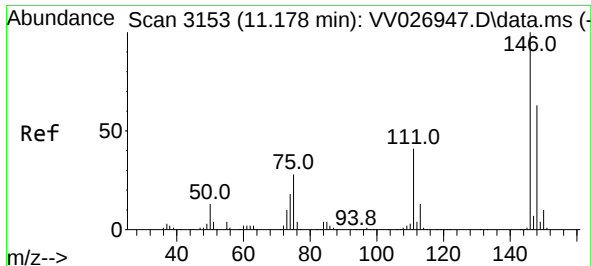
Tgt Ion:105 Resp: 16300

Ion Ratio Lower Upper

105 100

120 46.8 37.1 55.7

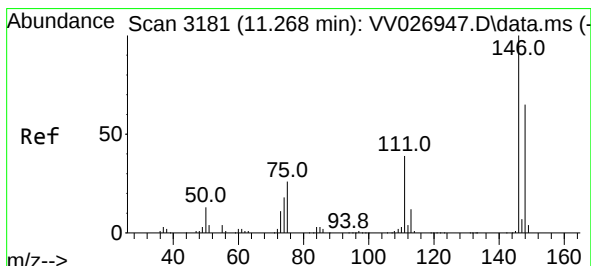
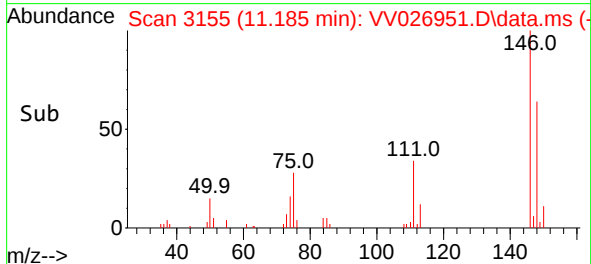
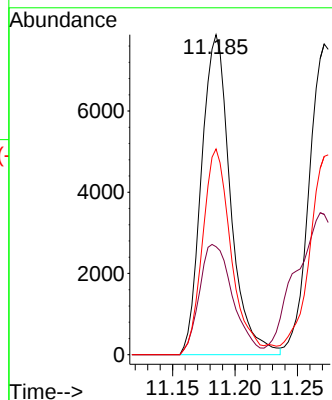
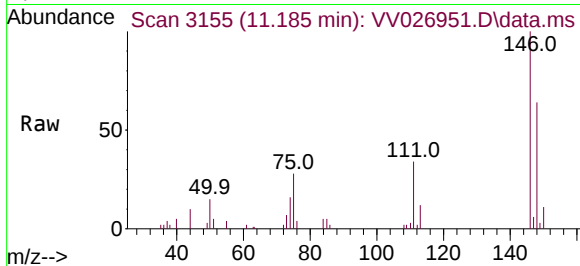




#64
1,3-Dichlorobenzene
Concen: 2.006 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

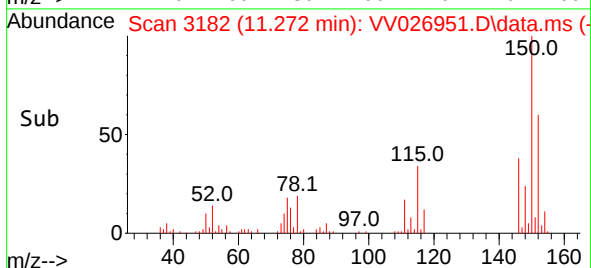
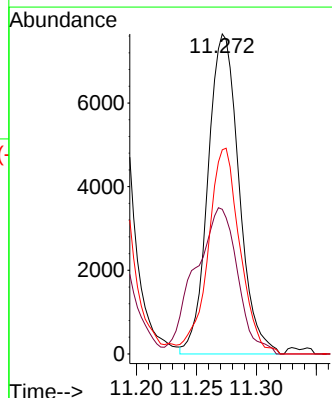
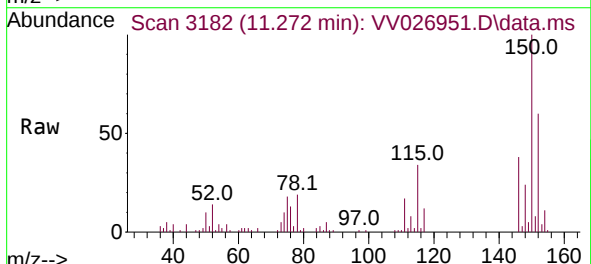
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

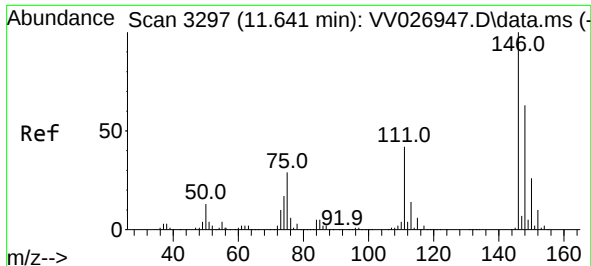
Tgt Ion:146 Resp: 12712
Ion Ratio Lower Upper
146 100
111 33.7 27.9 51.9
148 64.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 2.051 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion:146 Resp: 13771
Ion Ratio Lower Upper
146 100
111 45.2 27.4 51.0
148 63.8 44.4 82.4

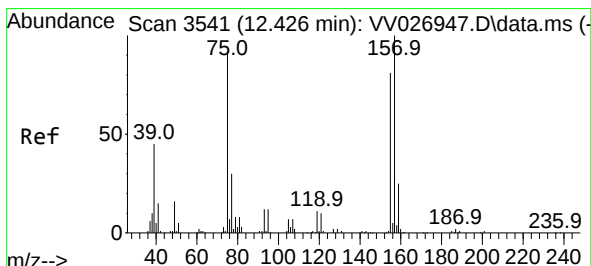
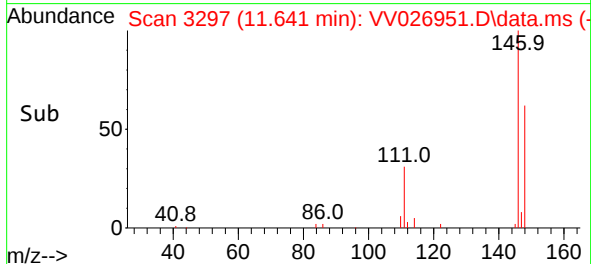
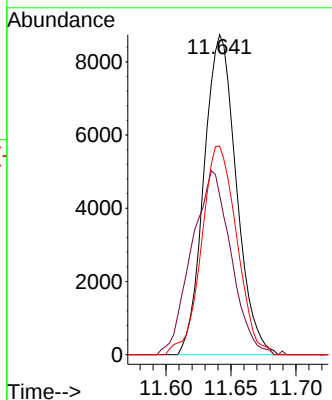
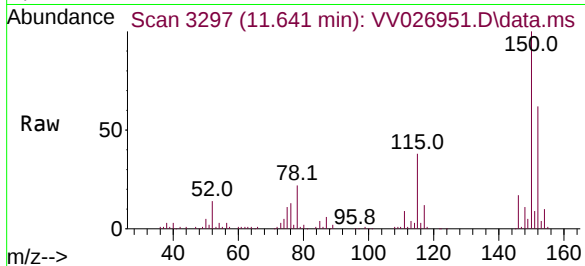




#67
1,2-Dichlorobenzene
Concen: 2.328 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

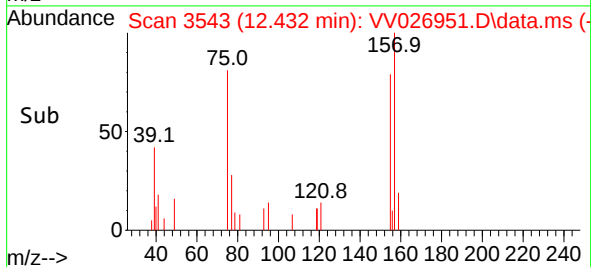
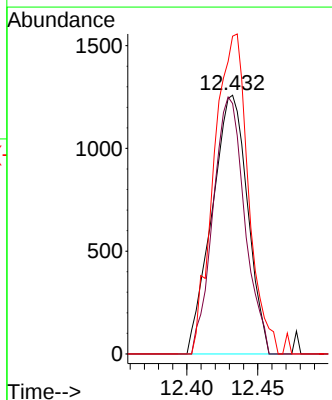
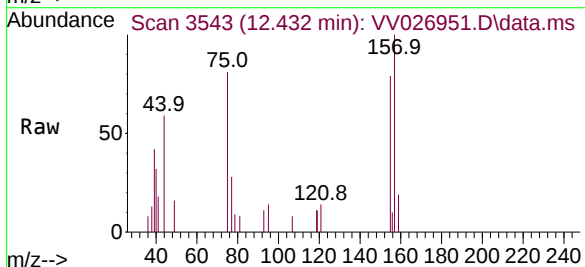
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

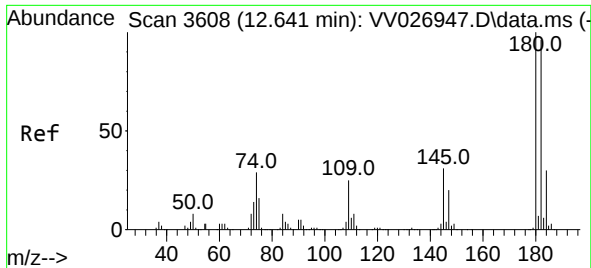
Tgt Ion:146 Resp: 15135
Ion Ratio Lower Upper
146 100
111 49.9 33.2 49.8#
148 65.2 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 1.951 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.006 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion: 75 Resp: 2195
Ion Ratio Lower Upper
75 100
155 96.7 67.7 101.5
157 122.8 87.1 130.7

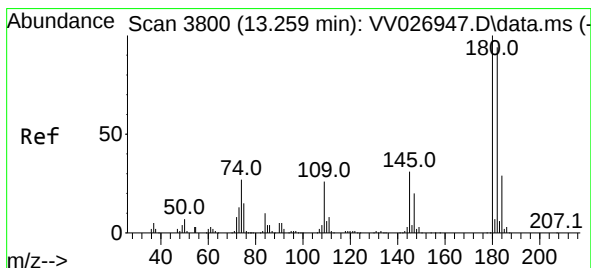
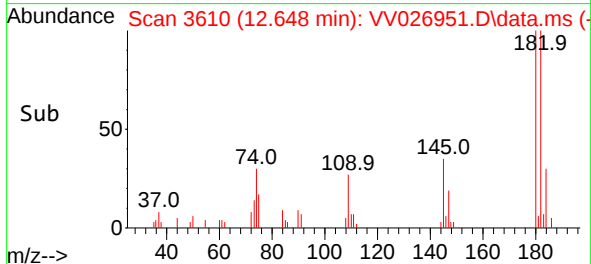
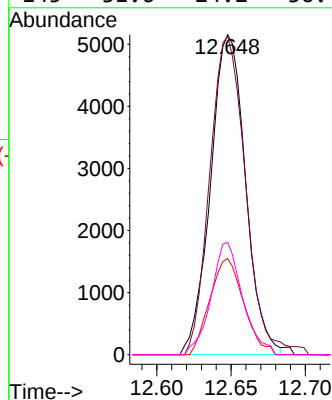
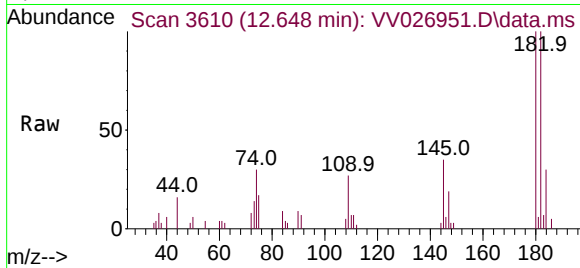




#69
 1,3,5-Trichlorobenzene
 Concen: 1.880 ug/L
 RT: 12.648 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VV026951.D
 Acq: 26 Jul 2022 14:52

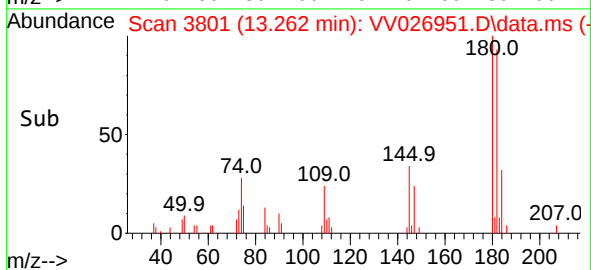
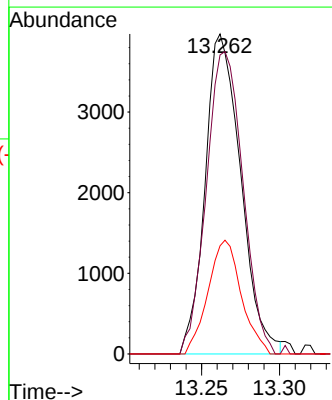
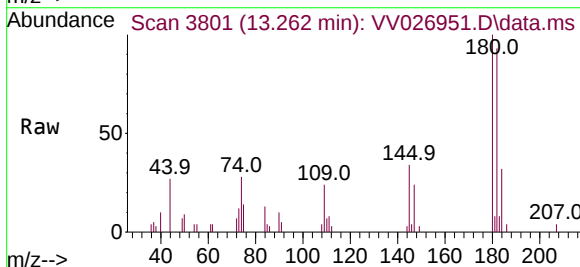
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2022-04

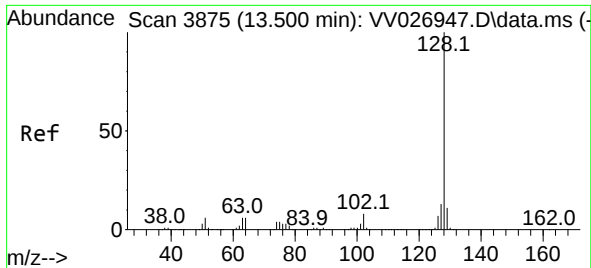
Tgt Ion:180	Resp:	8432
Ion Ratio	Lower	Upper
180	100	
182	101.8	75.6 113.4
184	28.8	23.8 35.8
145	31.6	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 1.668 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026951.D
 Acq: 26 Jul 2022 14:52

Tgt Ion:180	Resp:	6302
Ion Ratio	Lower	Upper
180	100	
182	96.9	76.2 114.4
145	33.2	25.0 37.6

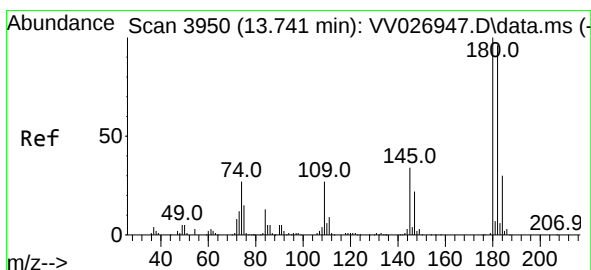
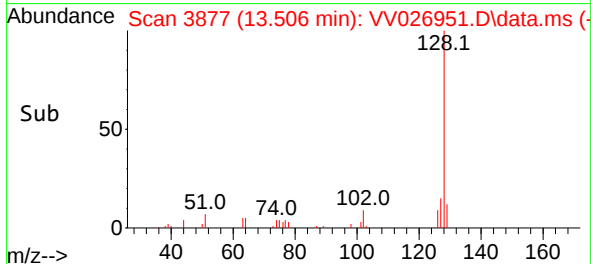
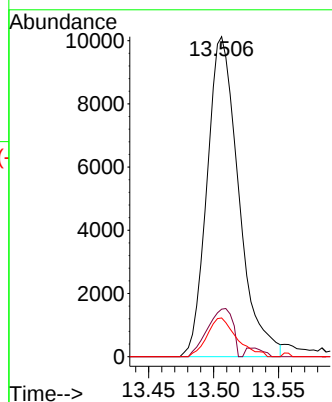
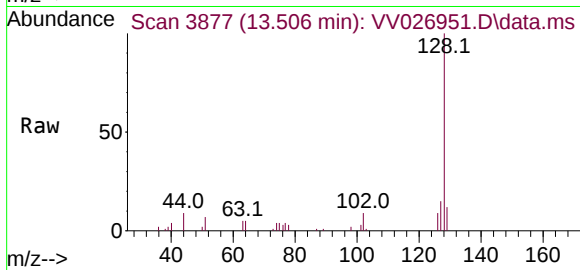




#71
Naphthalene
Concen: 1.442 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2022-04

Tgt Ion:128	Resp:	17143
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.4 15.6
129	10.9	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.770 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026951.D
Acq: 26 Jul 2022 14:52

Tgt Ion:180	Resp:	6979
Ion Ratio	Lower	Upper
180	100	
182	90.5	75.4 113.2
145	32.8	26.6 40.0

