

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030122\
 Data File : VW024845.D
 Acq On : 01 Mar 2022 13:48
 Operator : SY/MD
 Sample : N1331-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT1-2022-02

Quant Time: Mar 02 01:21:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 02 01:20:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	311475	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	303319	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	144165	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	122043	38.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.060%
7) Chloroethane-d5	1.568	69	105136	42.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.620%
11) 1,1-Dichloroethene-d2	2.108	63	171436	32.250	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.500%
21) 2-Butanone-d5	3.886	46	172571	95.745	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.740%
24) Chloroform-d	4.346	84	236827	42.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.680%
26) 1,2-Dichloroethane-d4	5.027	65	145980	44.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.500%
32) Benzene-d6	5.047	84	496895	44.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.066	67	159609	45.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.140%
41) Toluene-d8	7.313	98	434548	43.629	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.260%
43) trans-1,3-Dichloroprop...	7.619	79	65515	43.045	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.080%
47) 2-Hexanone-d5	8.085	63	123145	92.621	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	191050	45.985	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.960%
66) 1,2-Dichlorobenzene-d4	11.622	152	154282	46.458	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	7010	2.384	ug/L	98
3) Chloromethane	1.243	50	8183	2.690	ug/L	98
5) Vinyl chloride	1.310	62	8122	2.602	ug/L #	72
6) Bromomethane	1.523	94	5108	2.739	ug/L	97
8) Chloroethane	1.587	64	4563	2.494	ug/L	95
9) Trichlorofluoromethane	1.754	101	9353	2.343	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7179	3.032	ug/L	86
12) 1,1-Dichloroethene	2.118	96	6713	2.912	ug/L #	1
13) Acetone	2.182	43	6298	4.576	ug/L	93
14) Carbon disulfide	2.294	76	16009	2.273	ug/L	97
15) Methyl Acetate	2.442	43	5947	2.515	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	5808	2.329	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	17960	2.362	ug/L	97
19) 1,1-Dichloroethane	3.191	63	11179	2.487	ug/L	94
20) cis-1,2-Dichloroethene	3.912	96	6310	2.338	ug/L	90
23) Bromochloromethane	4.256	128	3041	2.253	ug/L	91
27) 1,2-Dichloroethane	5.140	62	7665	2.352	ug/L	100
29) Cyclohexane	4.677	56	8856	2.232	ug/L	91
30) 1,1,1-Trichloroethane	4.609	97	9079	2.273	ug/L	98

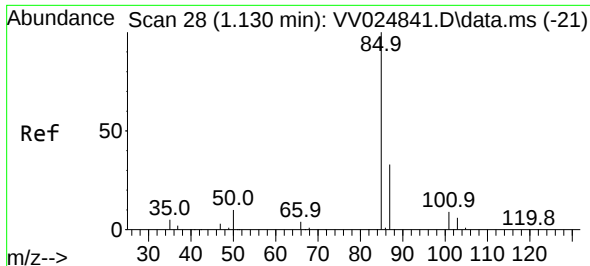
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 QLast Update : Wed Mar 02 01:20:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.828	117	7299	2.149	ug/L	96
33) Benzene	5.101	78	24389	2.383	ug/L	100
35) Methylcyclohexane	6.130	83	10131	2.380	ug/L	99
37) 1,2-Dichloropropane	6.175	63	6266	2.439	ug/L #	89
38) Bromodichloromethane	6.513	83	7418	2.204	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	7648	1.978	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	13643	4.455	ug/L	99
42) Toluene	7.391	91	32449	3.038	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	8343	2.349	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	5845	2.342	ug/L	97
46) Tetrachloroethene	7.976	164	4496	2.481	ug/L	94
48) 2-Hexanone	8.143	43	25327	10.508	ug/L	90
49) Dibromochloromethane	8.246	129	5107	2.117	ug/L	88
50) 1,2-Dibromoethane	8.355	107	5909	2.296	ug/L #	97
51) Chlorobenzene	8.883	112	15943	2.366	ug/L	93
52) Ethylbenzene	9.014	91	26030	2.310	ug/L	98
53) m,p-Xylene	9.140	106	9974	2.304	ug/L	97
54) o-Xylene	9.542	106	10132	2.422	ug/L	89
55) Styrene	9.564	104	14721	2.074	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	9495	2.720	ug/L #	95
59) Bromoform	9.731	173	2695	2.052	ug/L #	91
60) Isopropylbenzene	9.931	105	24993	2.387	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	7571	2.625	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	16001	2.265	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	19475	2.249	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	11360	2.473	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	11949	2.540	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	11874	2.568	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	1374	2.086	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	7423	2.394	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	6310	2.335	ug/L	99
71) Naphthalene	13.503	128	19541	2.232	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	6407	2.405	ug/L	100

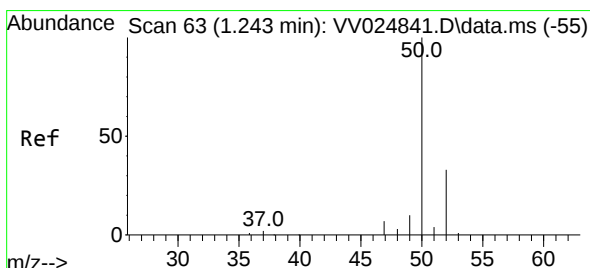
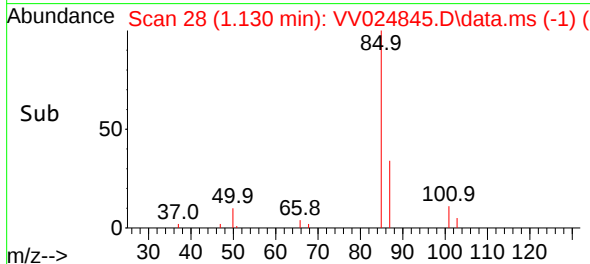
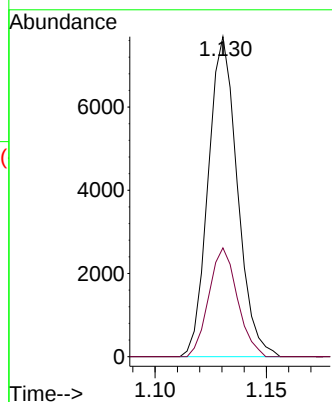
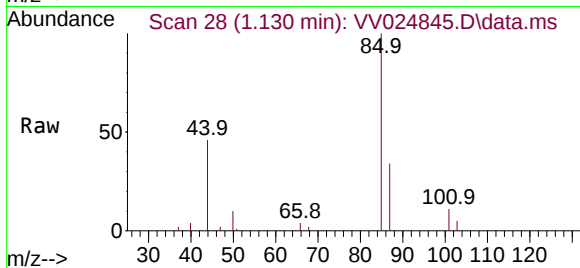
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#2
Dichlorodifluoromethane
Concen: 2.384 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

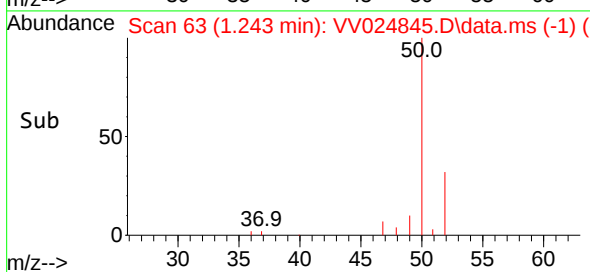
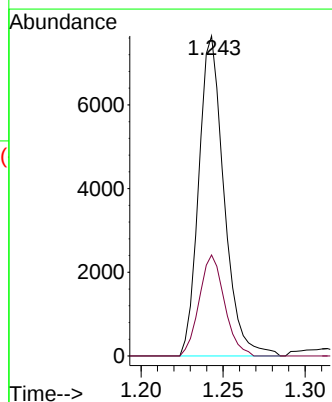
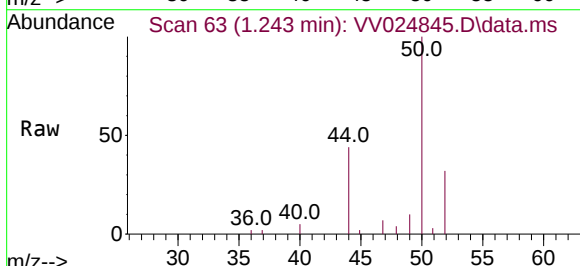
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT1-2022-02

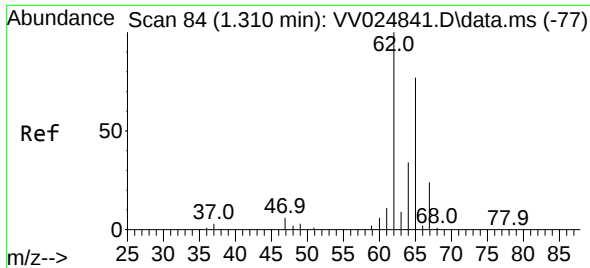
Tgt Ion: 85 Resp: 7010
Ion Ratio Lower Upper
85 100
87 33.3 25.8 38.8



#3
Chloromethane
Concen: 2.690 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion: 50 Resp: 8183
Ion Ratio Lower Upper
50 100
52 31.5 22.8 42.4

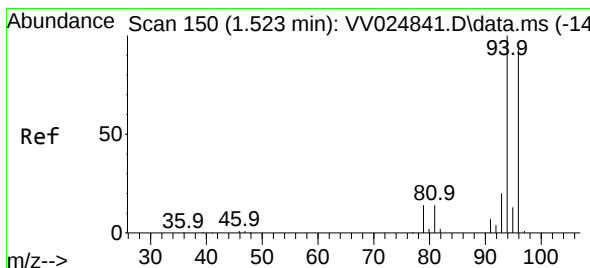
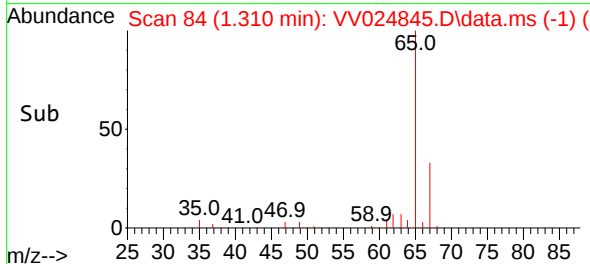
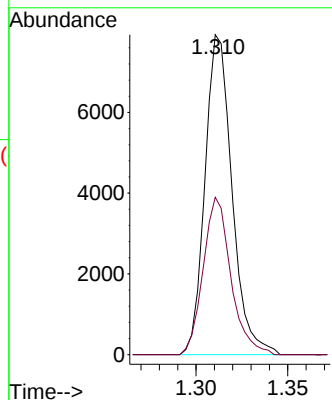
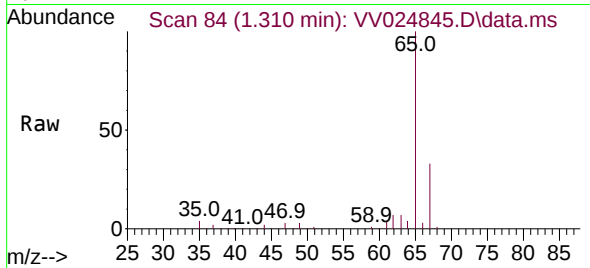




#5
 Vinyl chloride
 Concen: 2.602 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024845.D
 Acq: 01 Mar 2022 13:48

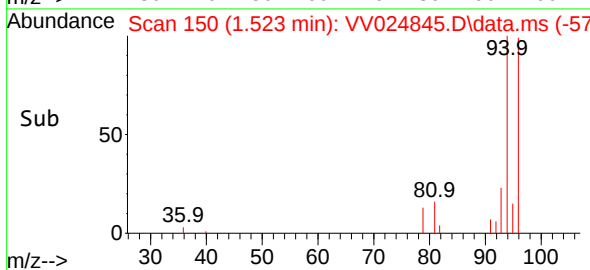
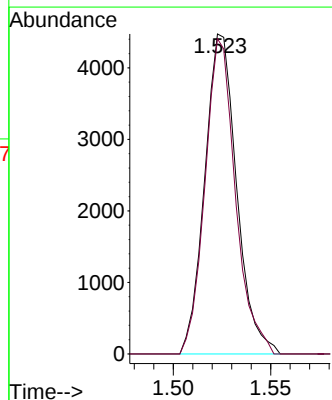
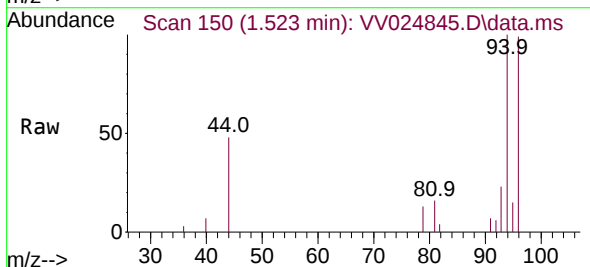
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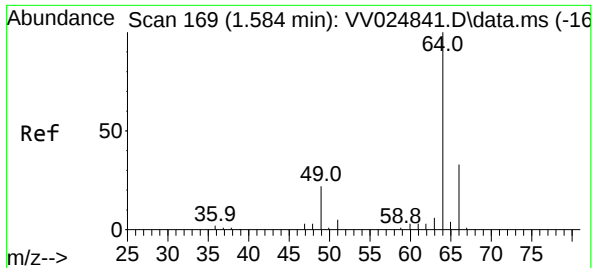
Tgt Ion: 62 Resp: 8122
 Ion Ratio Lower Upper
 62 100
 64 49.2 23.2 43.0#



#6
 Bromomethane
 Concen: 2.739 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024845.D
 Acq: 01 Mar 2022 13:48

Tgt Ion: 94 Resp: 5108
 Ion Ratio Lower Upper
 94 100
 96 98.5 66.7 123.9

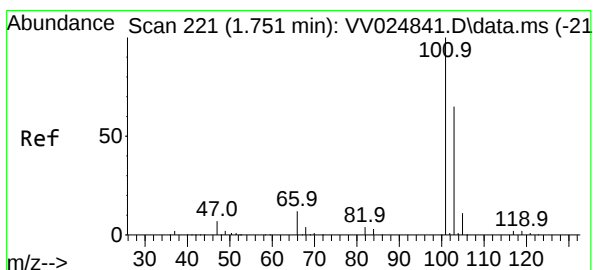
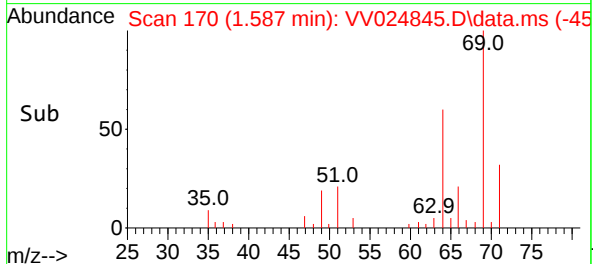
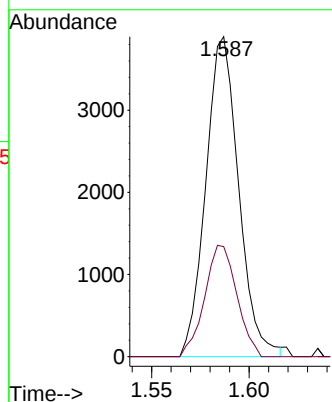
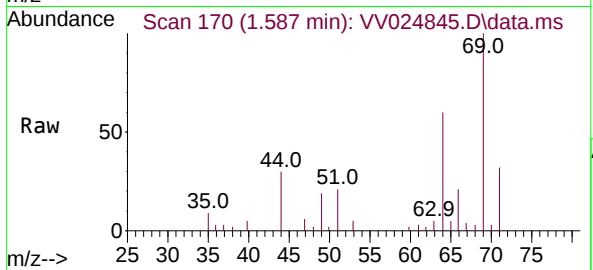




#8
Chloroethane
Concen: 2.494 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

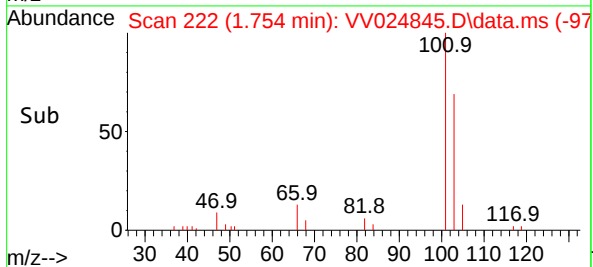
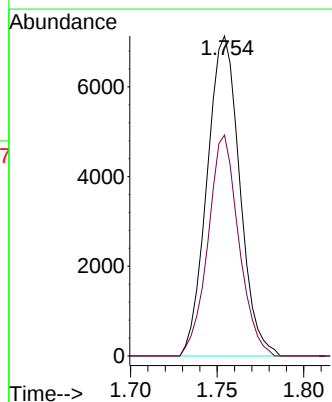
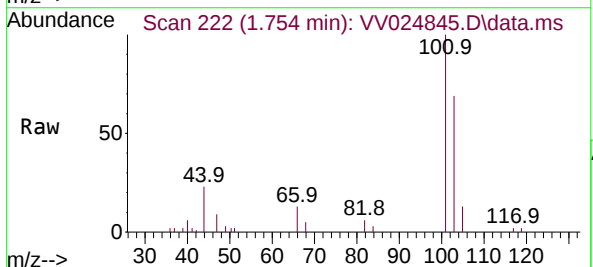
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MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

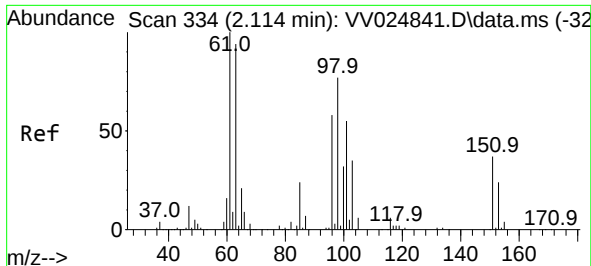
Tgt Ion: 64 Resp: 4563
Ion Ratio Lower Upper
64 100
66 34.4 22.2 41.2



#9
Trichlorofluoromethane
Concen: 2.343 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion: 101 Resp: 9353
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.032 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

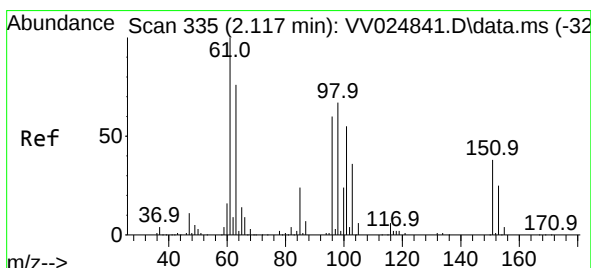
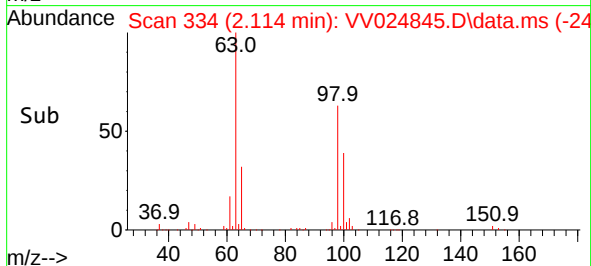
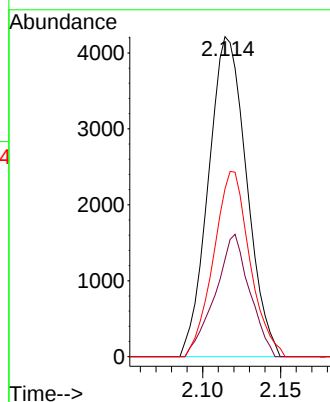
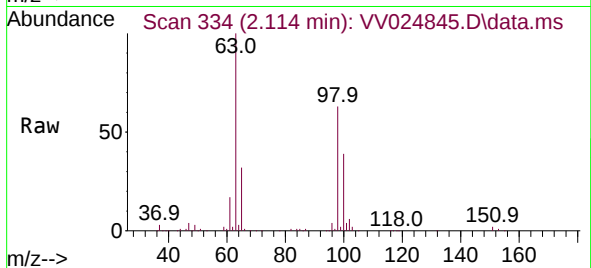
Tgt Ion:101 Resp: 7179

Ion Ratio Lower Upper

101 100

85 34.5 33.8 50.8

151 55.1 54.1 81.1



#12

1,1-Dichloroethene

Concen: 2.912 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

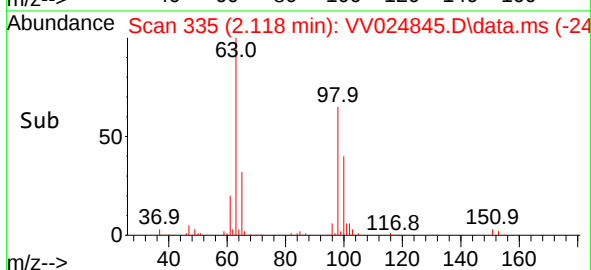
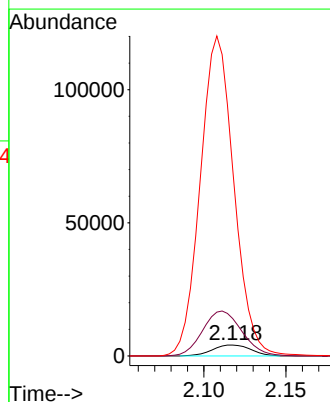
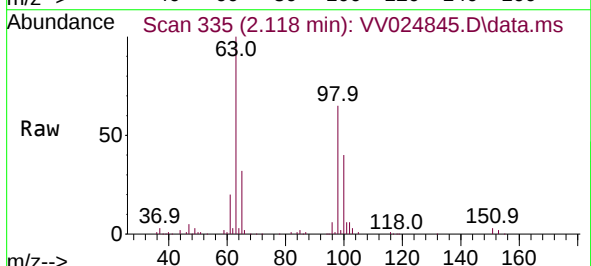
Tgt Ion: 96 Resp: 6713

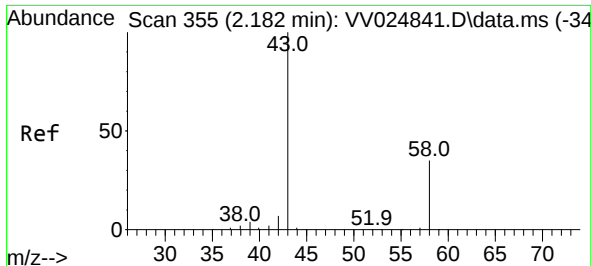
Ion Ratio Lower Upper

96 100

61 343.2 117.6 218.4#

63 1713.3 105.3 195.5#





#13

Acetone

Concen: 4.576 ug/L

RT: 2.182 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

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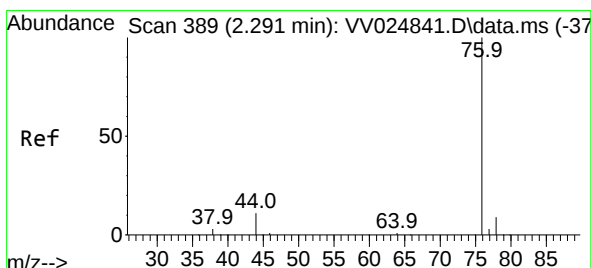
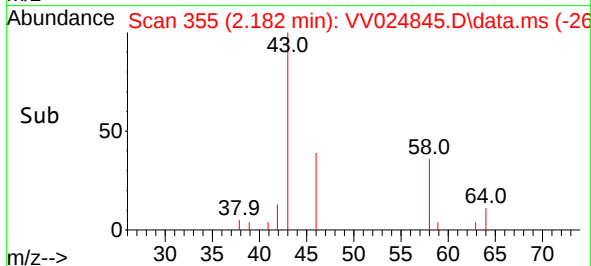
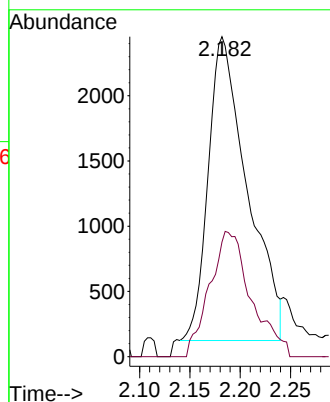
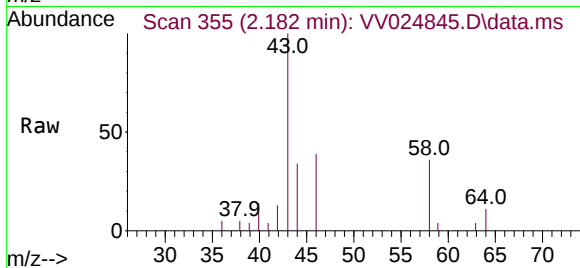
MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 43 Resp: 6298

Ion Ratio Lower Upper

43 100

58 39.0 0.0 70.0



#14

Carbon disulfide

Concen: 2.273 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV024845.D

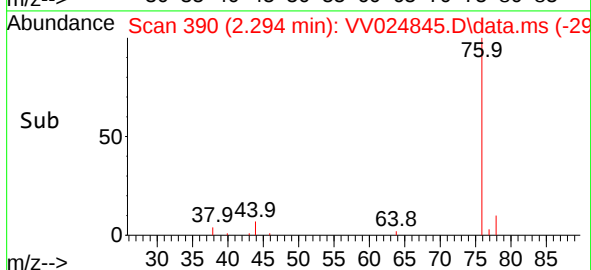
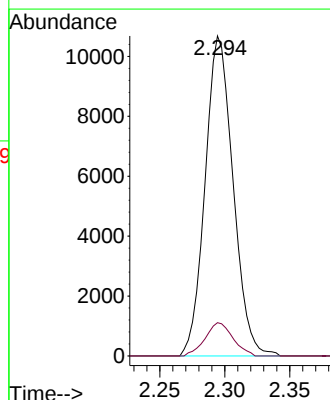
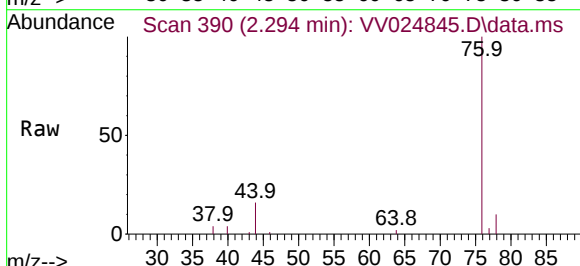
Acq: 01 Mar 2022 13:48

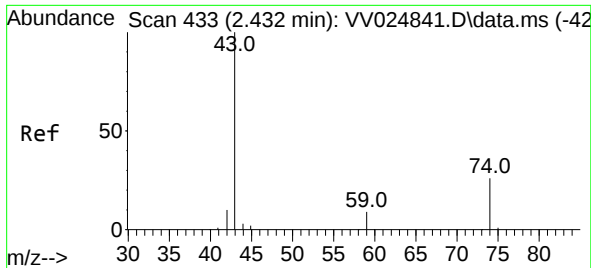
Tgt Ion: 76 Resp: 16009

Ion Ratio Lower Upper

76 100

78 10.4 7.4 11.0





#15

Methyl Acetate

Concen: 2.515 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

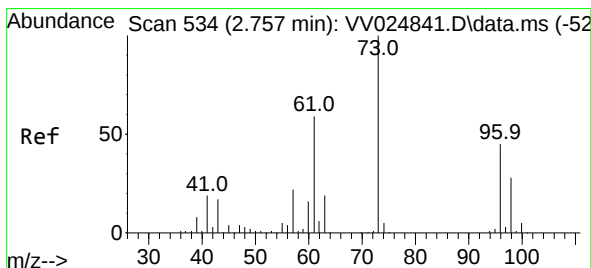
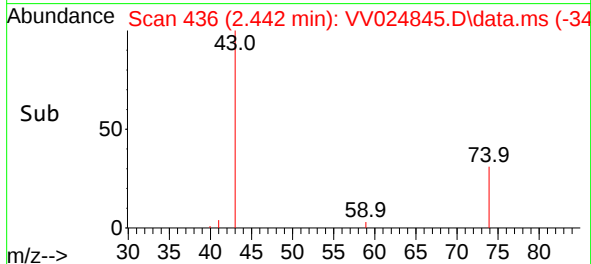
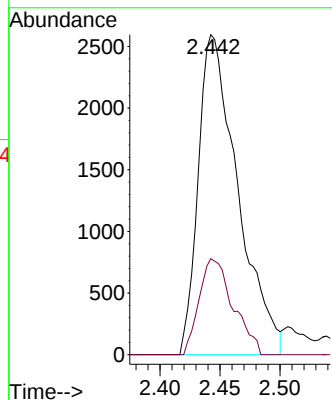
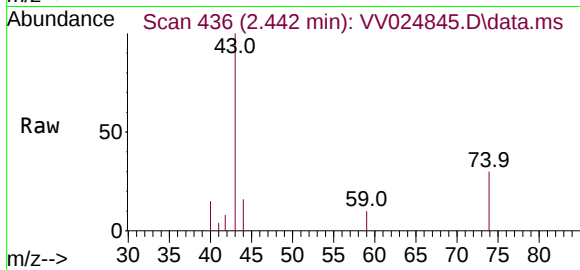
MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 43 Resp: 5947

Ion Ratio Lower Upper

43 100

74 25.8 21.0 31.4



#17

trans-1,2-Dichloroethene

Concen: 2.329 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.007 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

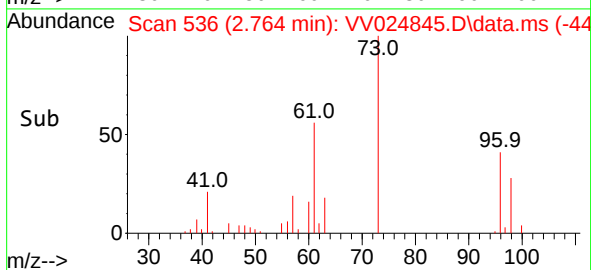
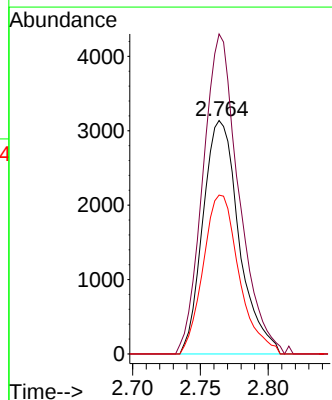
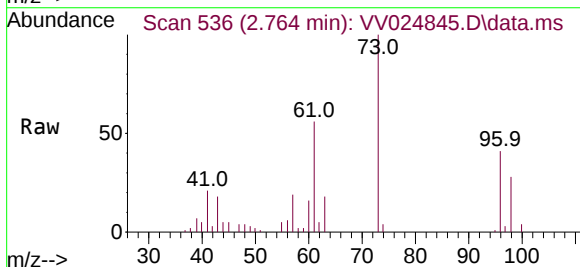
Tgt Ion: 96 Resp: 5808

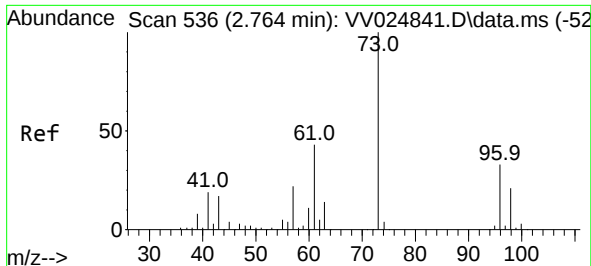
Ion Ratio Lower Upper

96 100

61 137.1 93.7 173.9

98 68.0 43.7 81.1

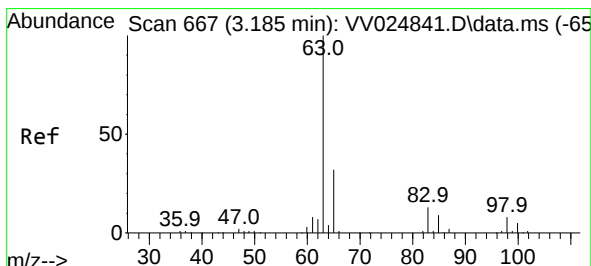
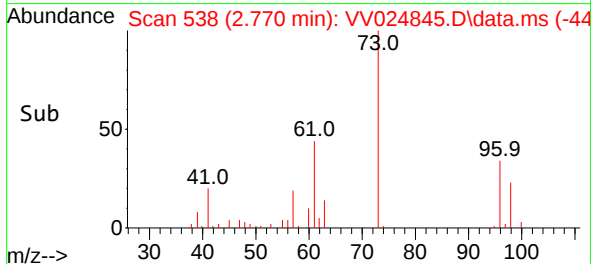
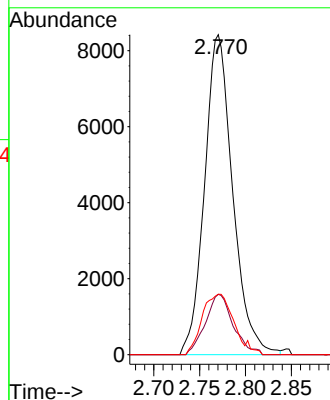
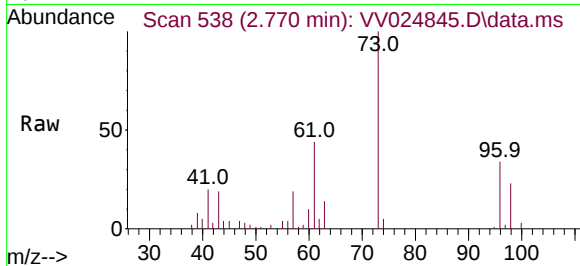




#18
Methyl tert-butyl Ether
Concen: 2.362 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

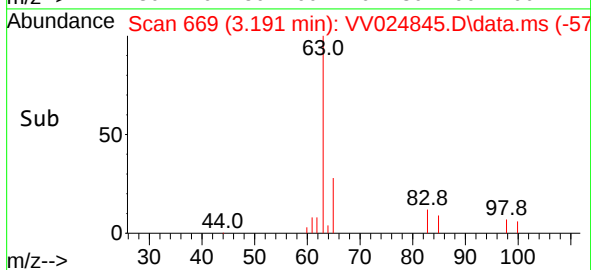
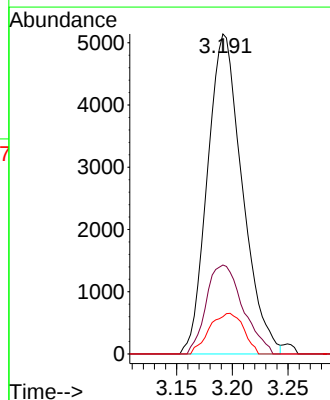
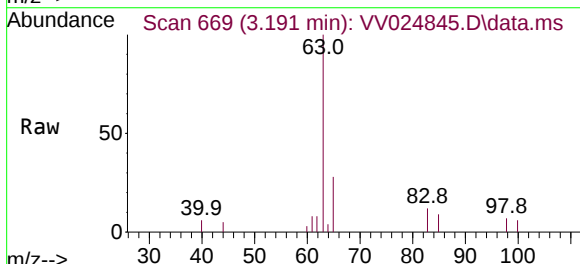
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

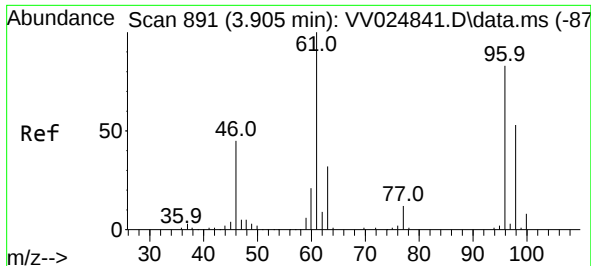
Tgt Ion: 73	Resp:	17960
Ion	Ratio	Lower Upper
73	100	
43	18.3	13.6 20.4
57	20.3	17.4 26.2



#19
1,1-Dichloroethane
Concen: 2.487 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.007 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion: 63	Resp:	11179
Ion	Ratio	Lower Upper
63	100	
65	27.8	22.0 40.8
83	11.6	9.2 17.0

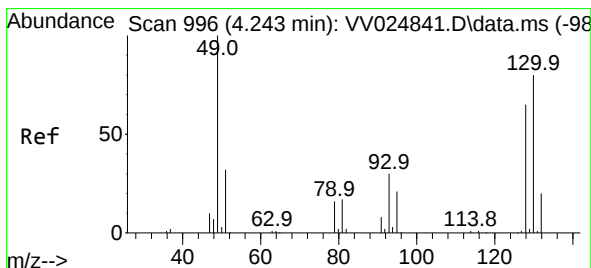
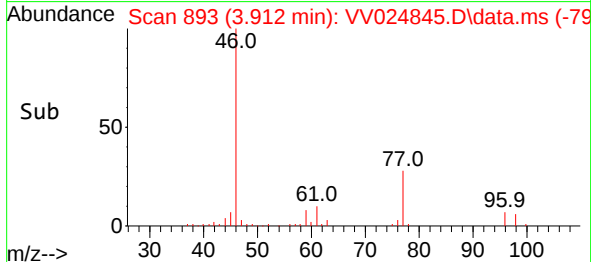
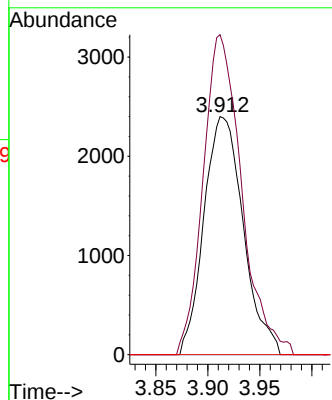
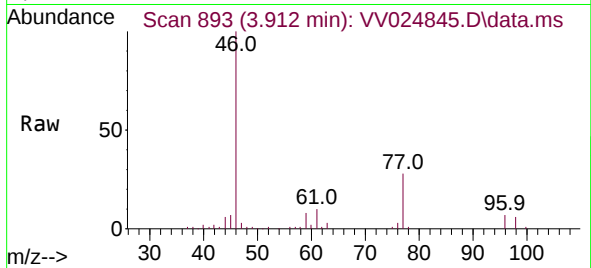




#20
 cis-1,2-Dichloroethene
 Concen: 2.338 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV024845.D
 Acq: 01 Mar 2022 13:48

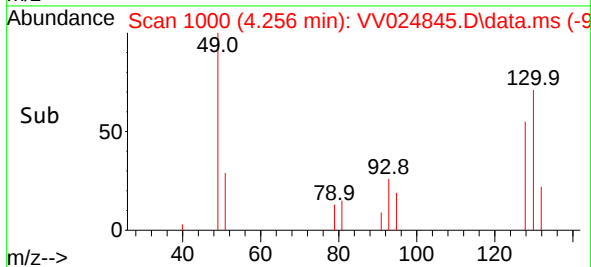
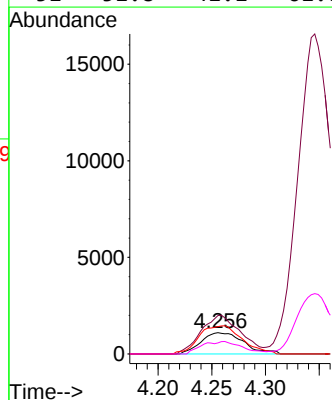
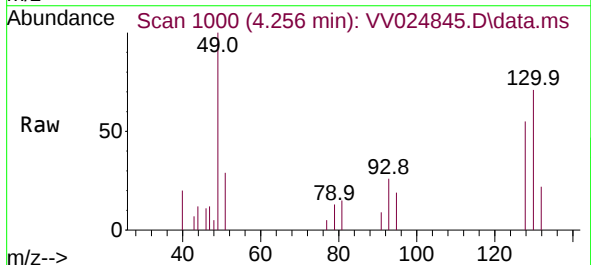
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT1-2022-02

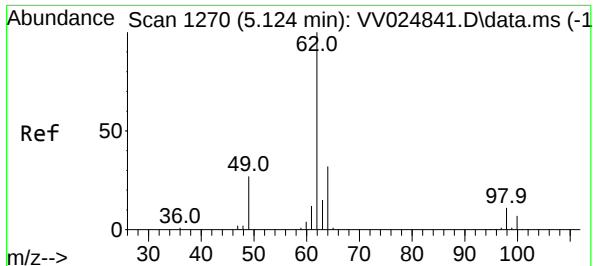
Tgt Ion: 96 Resp: 6310
 Ion Ratio Lower Upper
 96 100
 61 134.4 86.1 159.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 2.253 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.013 min
 Lab File: VV024845.D
 Acq: 01 Mar 2022 13:48

Tgt Ion: 128 Resp: 3041
 Ion Ratio Lower Upper
 128 100
 49 181.0 110.9 205.9
 130 128.6 88.5 164.3
 51 51.8 41.1 61.7

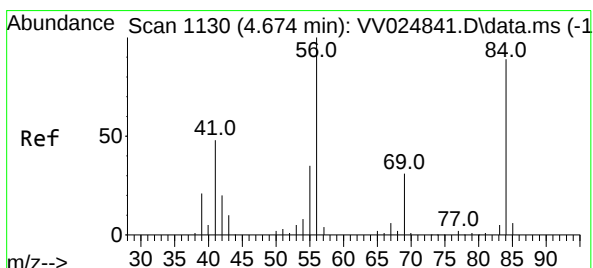
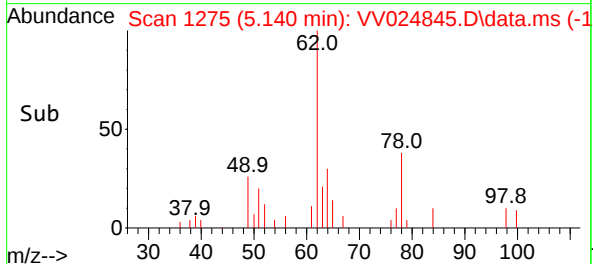
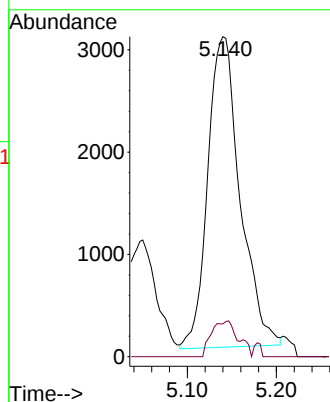
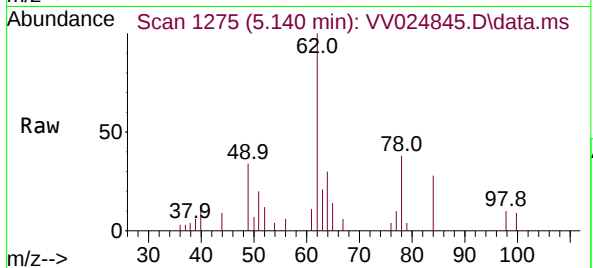




#27
1,2-Dichloroethane
Concen: 2.352 ug/L
RT: 5.140 min Scan# 1127
Delta R.T. 0.016 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

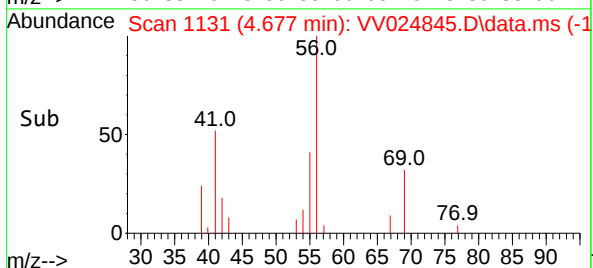
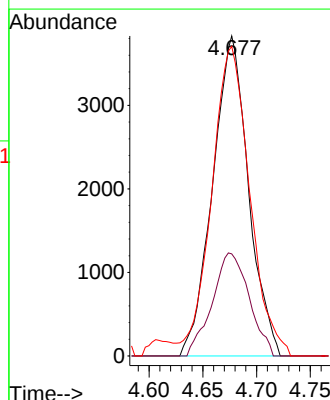
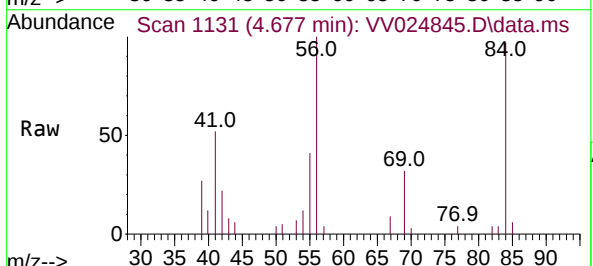
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

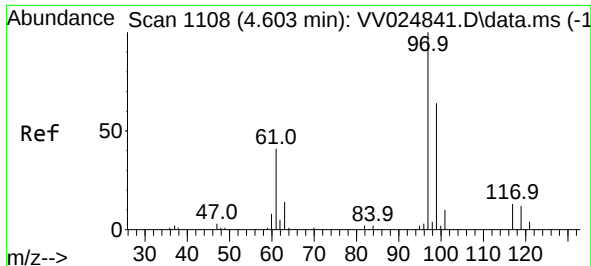
Tgt Ion: 62 Resp: 7665
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.4



#29
Cyclohexane
Concen: 2.232 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion: 56 Resp: 8856
Ion Ratio Lower Upper
56 100
69 33.2 25.0 37.6
84 102.4 73.4 110.2





#30

1,1,1-Trichloroethane

Concen: 2.273 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

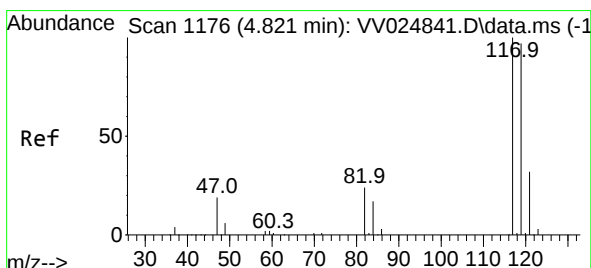
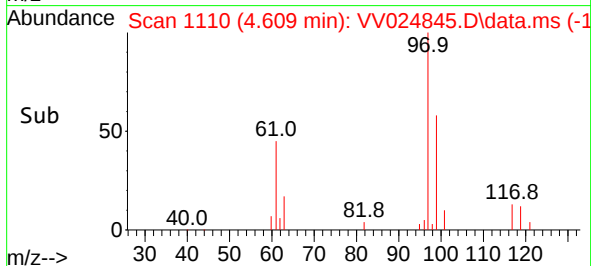
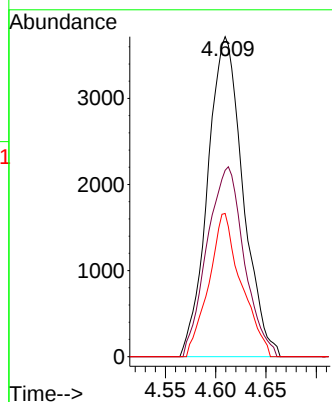
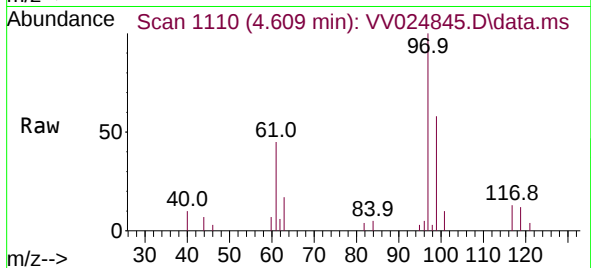
Tgt Ion: 97 Resp: 9079

Ion Ratio Lower Upper

97 100

99 62.4 51.5 77.3

61 41.1 33.8 50.8



#31

Carbon tetrachloride

Concen: 2.149 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.007 min

Lab File: VV024845.D

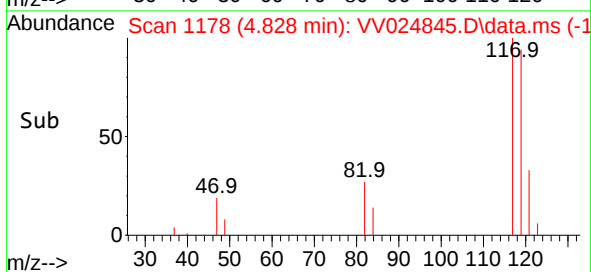
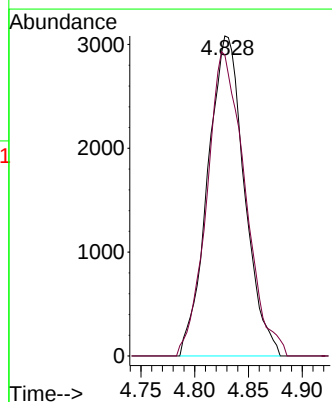
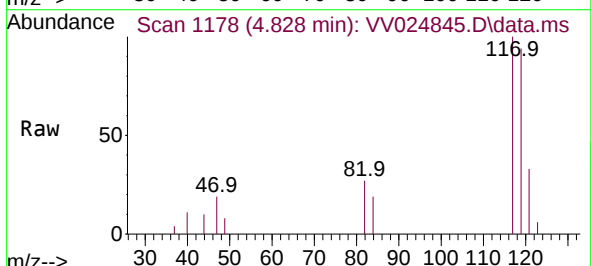
Acq: 01 Mar 2022 13:48

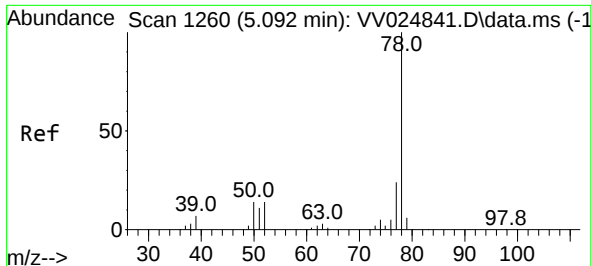
Tgt Ion: 117 Resp: 7299

Ion Ratio Lower Upper

117 100

119 99.1 75.8 113.8

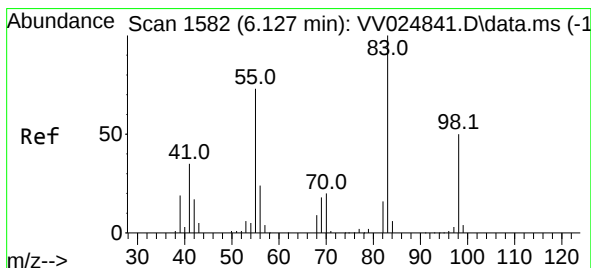
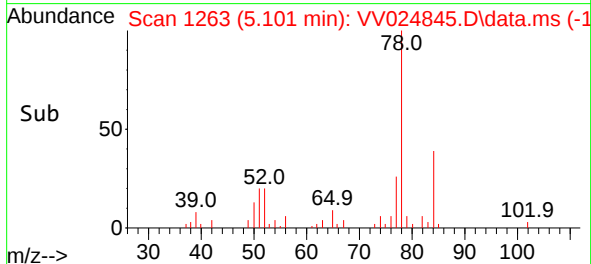
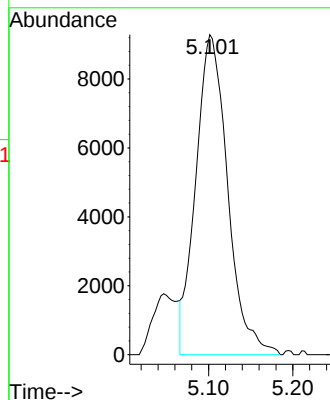
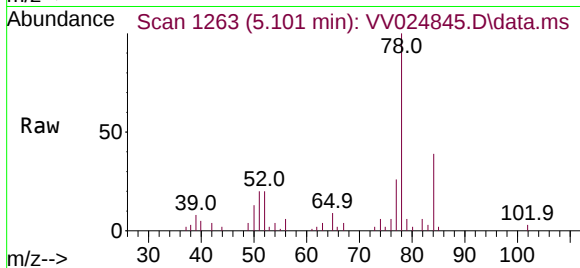




#33
Benzene
Concen: 2.383 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

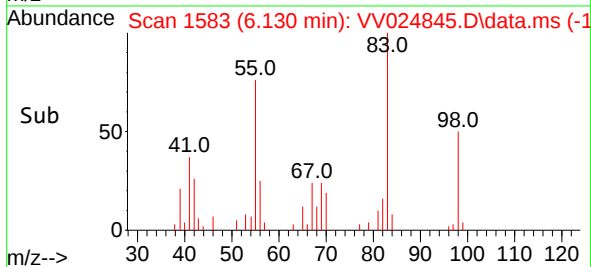
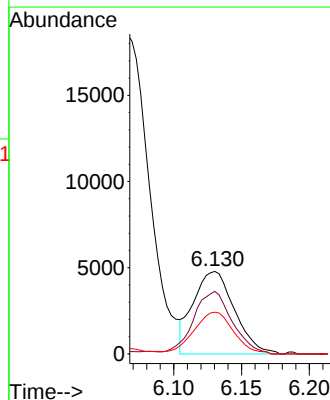
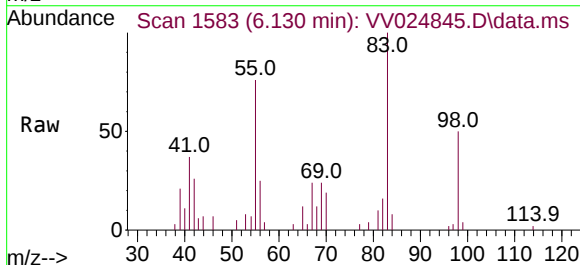
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT1-2022-02

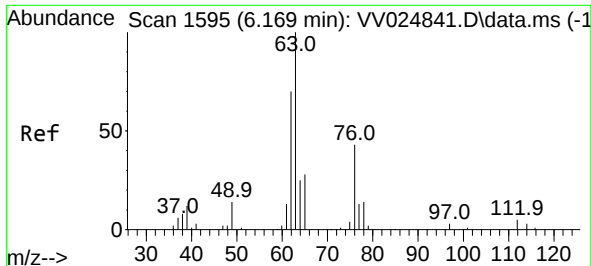
Tgt Ion: 78 Resp: 24389



#35
Methylcyclohexane
Concen: 2.380 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion: 83 Resp: 10131
Ion Ratio Lower Upper
83 100
55 71.4 57.7 86.5
98 48.9 38.9 58.3





#37

1,2-Dichloropropane

Concen: 2.439 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

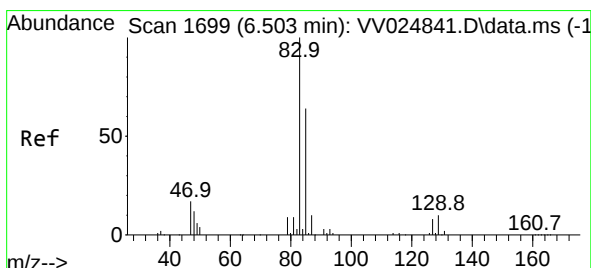
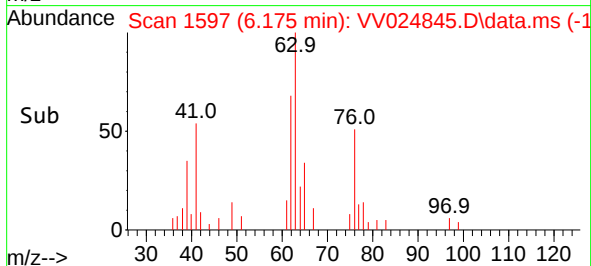
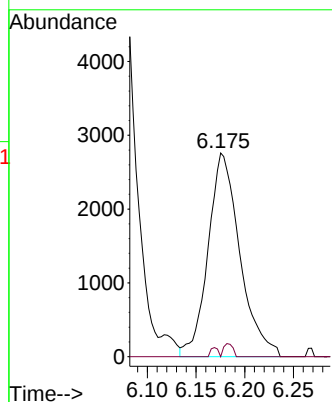
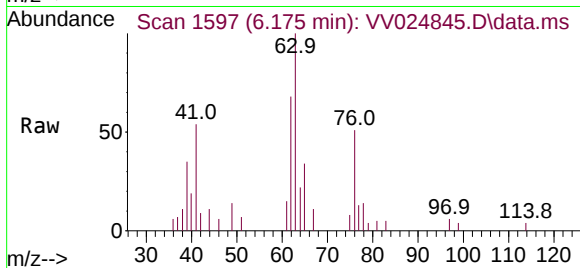
MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 63 Resp: 6266

Ion Ratio Lower Upper

63 100

112 1.0 3.6 5.4#



#38

Bromodichloromethane

Concen: 2.204 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.010 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

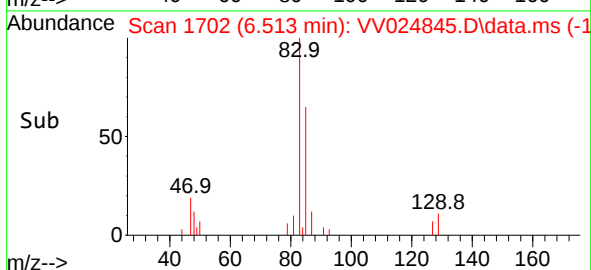
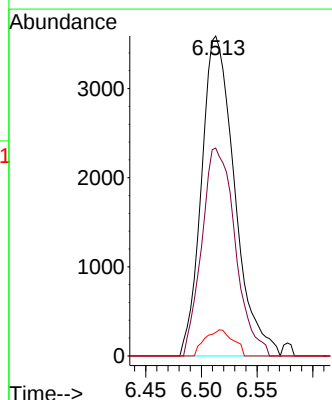
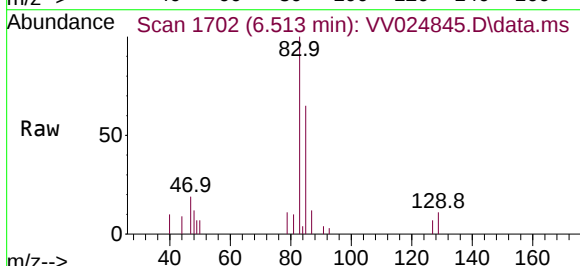
Tgt Ion: 83 Resp: 7418

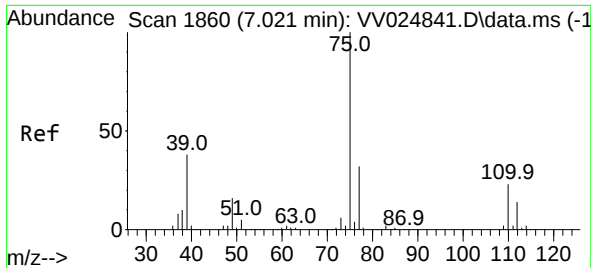
Ion Ratio Lower Upper

83 100

85 64.9 44.5 82.7

127 7.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 1.978 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

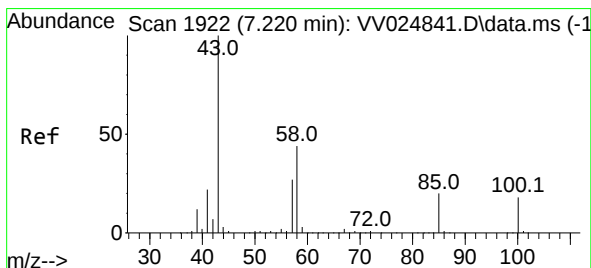
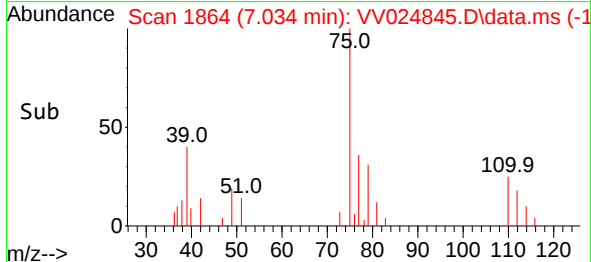
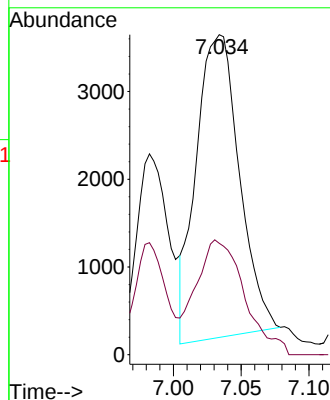
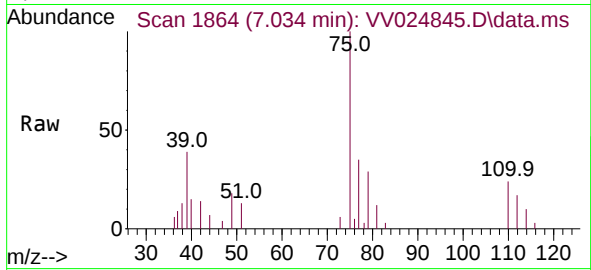
MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 75 Resp: 7648

Ion Ratio Lower Upper

75 100

77 34.8 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 4.455 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.010 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

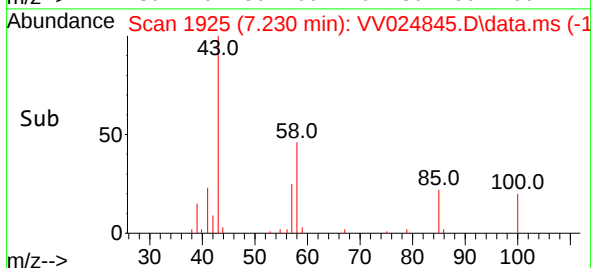
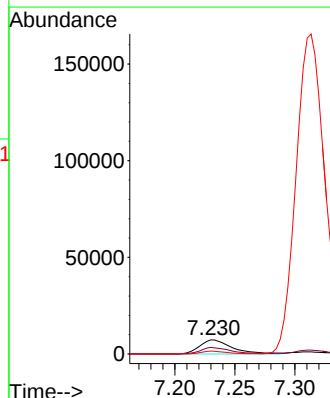
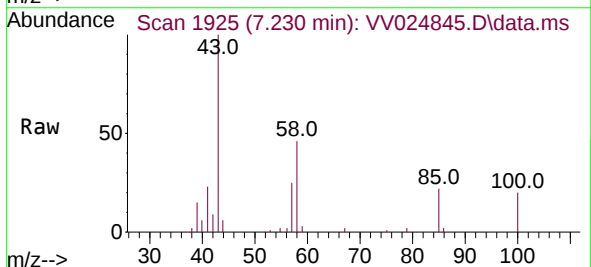
Tgt Ion: 43 Resp: 13643

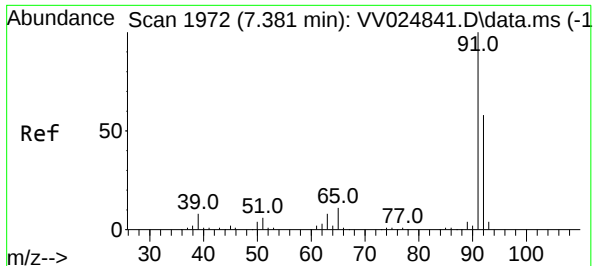
Ion Ratio Lower Upper

43 100

58 43.4 34.8 52.2

100 16.7 14.2 21.2

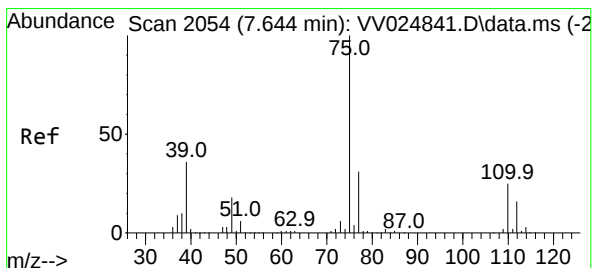
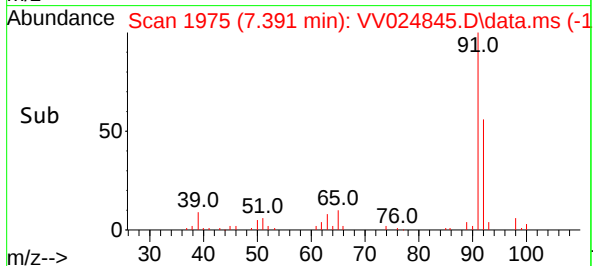
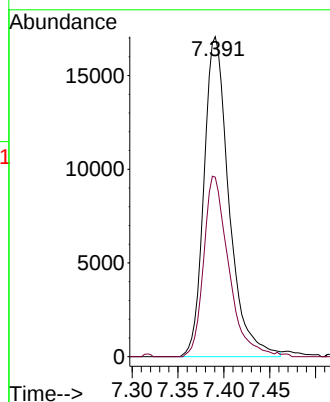
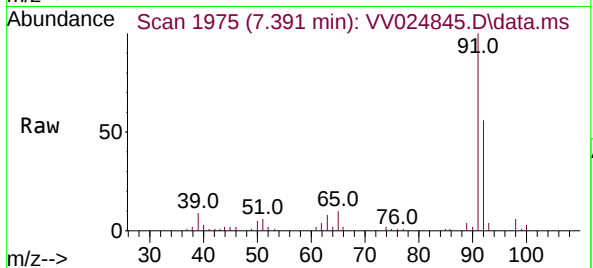




#42
Toluene
Concen: 3.038 ug/L
RT: 7.391 min Scan# 1972
Delta R.T. 0.010 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

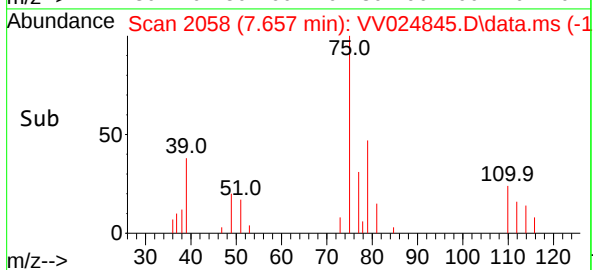
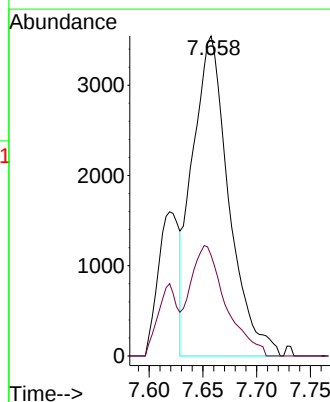
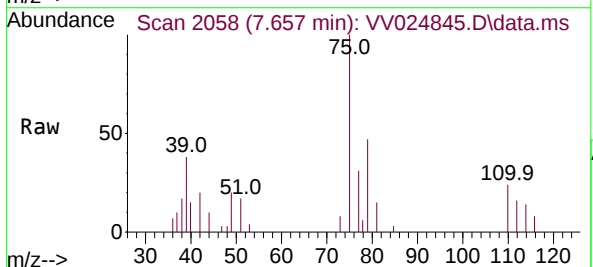
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT1-2022-02

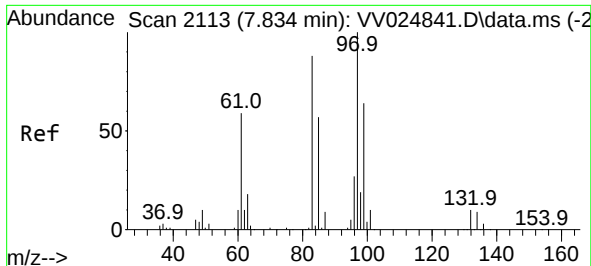
Tgt Ion: 91 Resp: 32449
Ion Ratio Lower Upper
91 100
92 56.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 2.349 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.013 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion: 75 Resp: 8343
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 2.342 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.007 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

Tgt Ion: 97 Resp: 5845

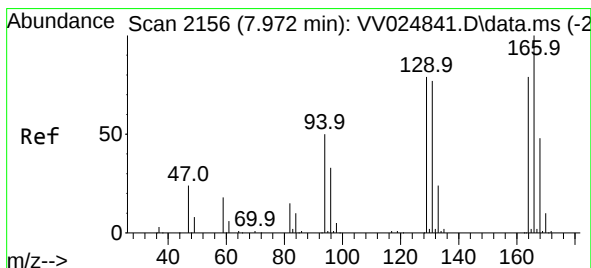
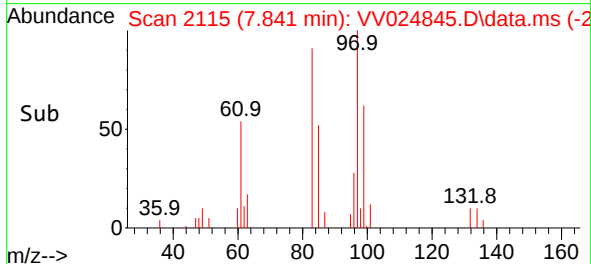
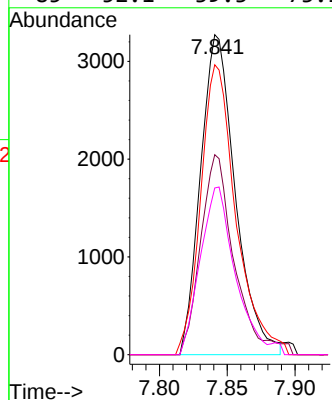
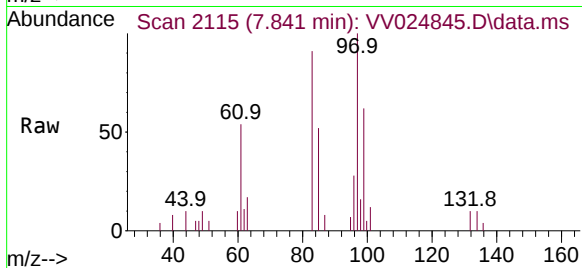
Ion Ratio Lower Upper

97 100

99 62.5 43.9 81.5

83 90.6 61.7 114.5

85 52.1 39.3 73.1



#46

Tetrachloroethene

Concen: 2.481 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Tgt Ion: 164 Resp: 4496

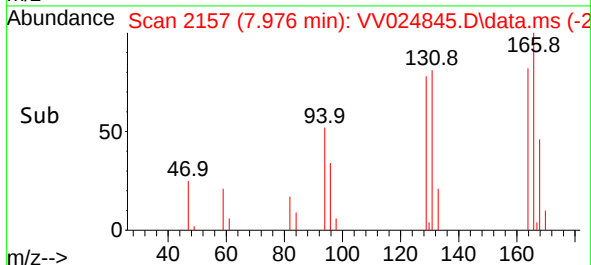
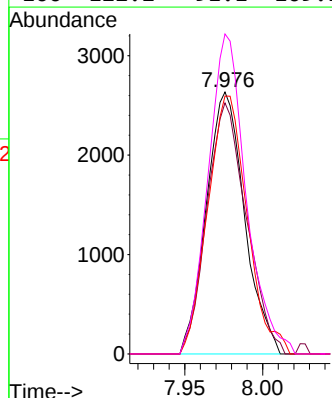
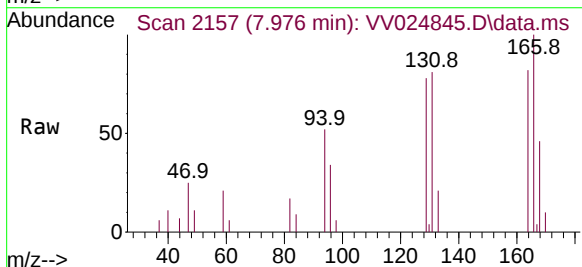
Ion Ratio Lower Upper

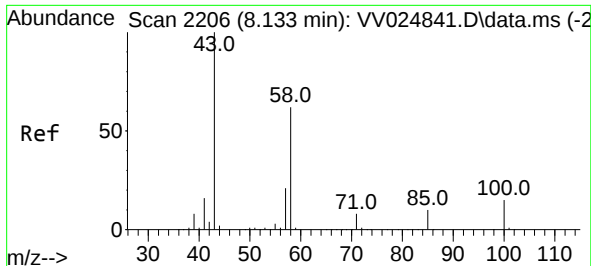
164 100

129 95.9 74.1 137.7

131 98.4 70.1 130.1

166 122.2 91.1 169.1

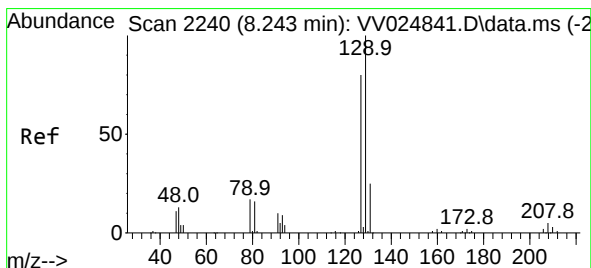
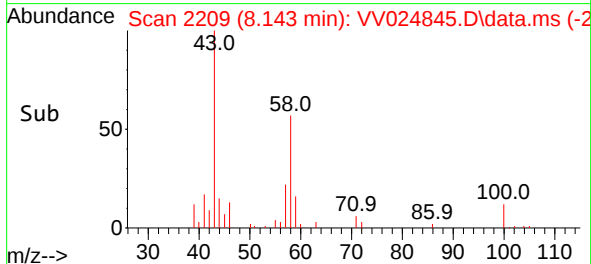
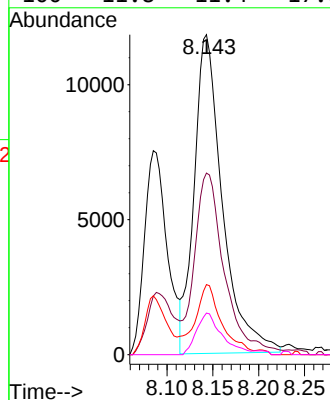
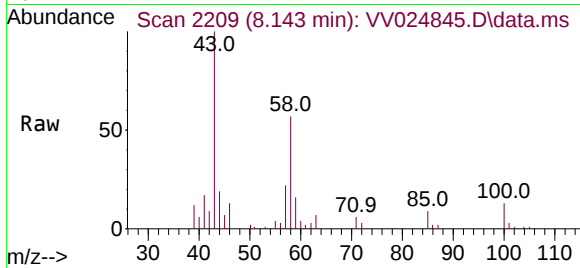




#48
2-Hexanone
Concen: 10.508 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

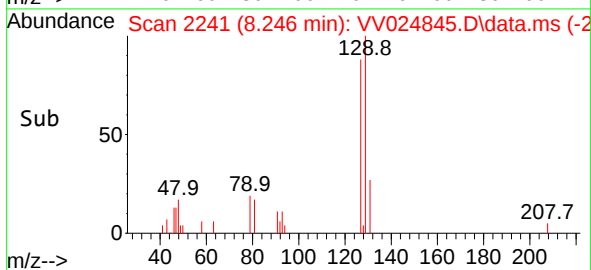
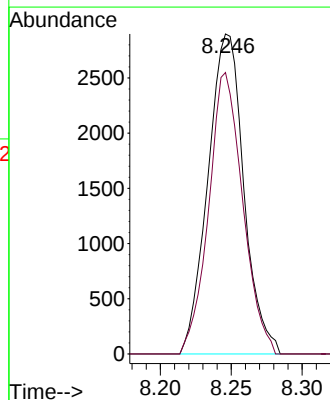
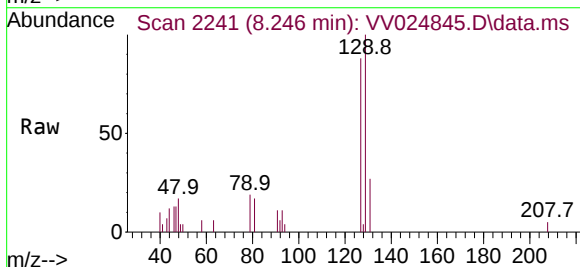
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

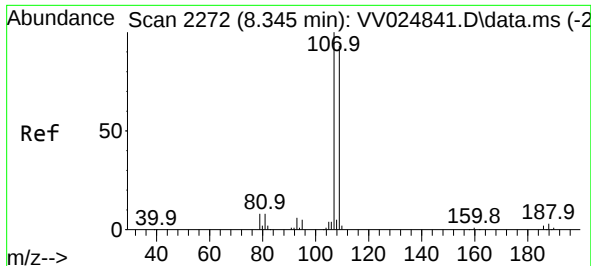
Tgt Ion:	43	Resp:	25327
Ion	Ratio	Lower	Upper
43	100		
58	50.3	48.6	72.8
57	19.7	16.5	24.7
100	11.8	11.4	17.0



#49
Dibromochloromethane
Concen: 2.117 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion:	129	Resp:	5107
Ion	Ratio	Lower	Upper
129	100		
127	88.0	54.2	100.6





#50

1,2-Dibromoethane

Concen: 2.296 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

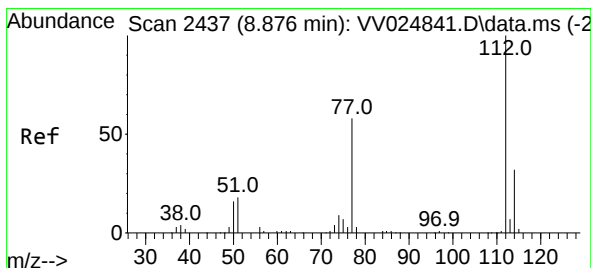
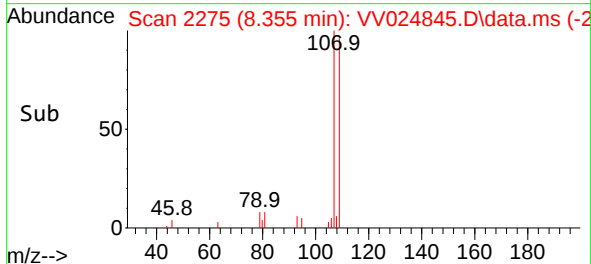
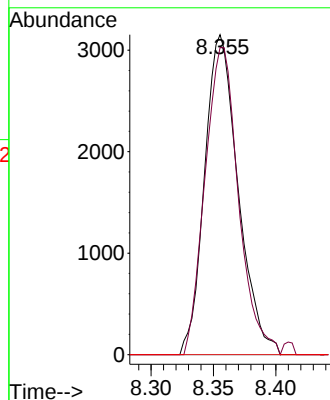
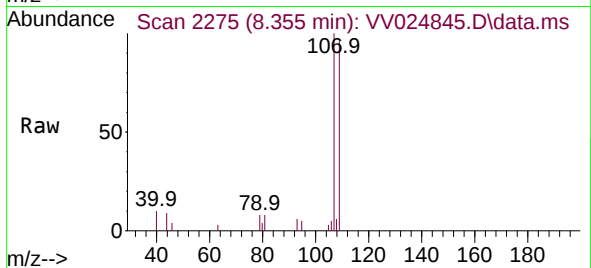
Tgt Ion:107 Resp: 5909

Ion Ratio Lower Upper

107 100

109 95.9 65.6 121.8

188 0.0 2.4 3.6#



#51

Chlorobenzene

Concen: 2.366 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.007 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

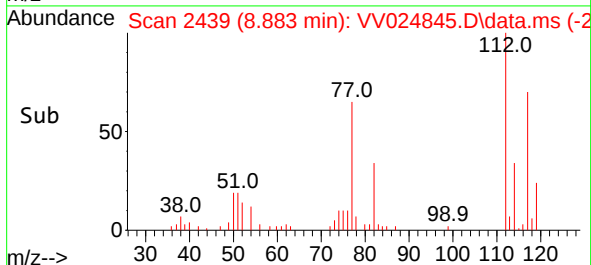
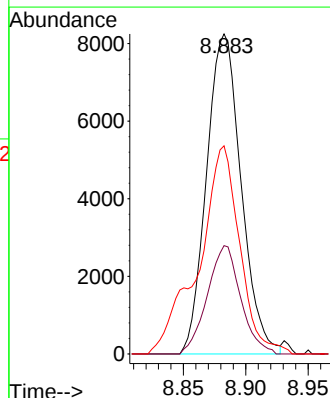
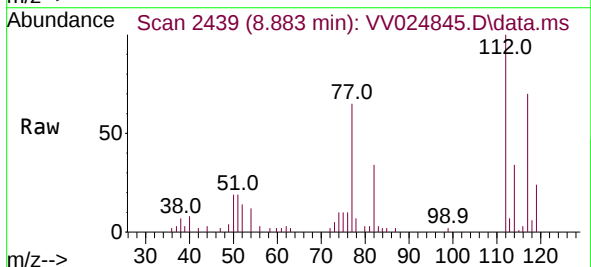
Tgt Ion:112 Resp: 15943

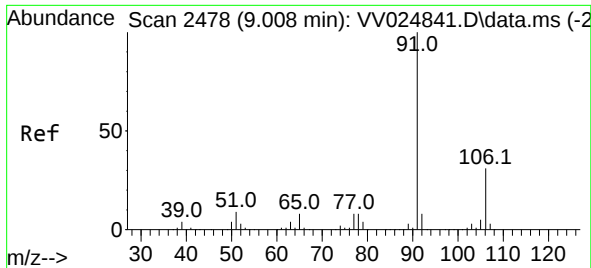
Ion Ratio Lower Upper

112 100

114 33.8 22.3 41.5

77 65.1 46.7 70.1

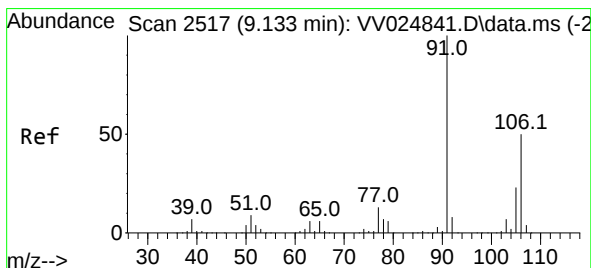
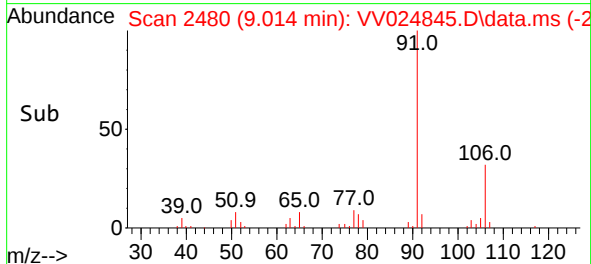
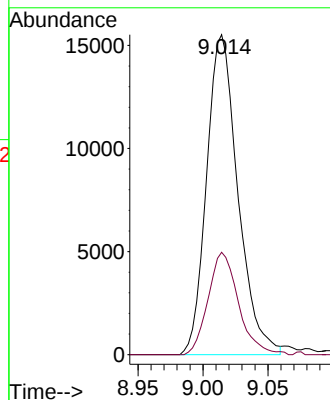
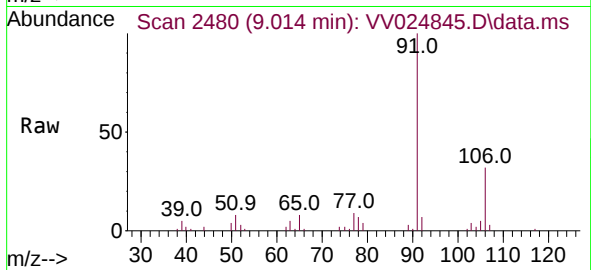




#52
Ethylbenzene
Concen: 2.310 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.007 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

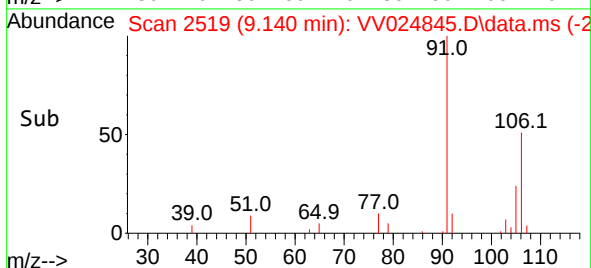
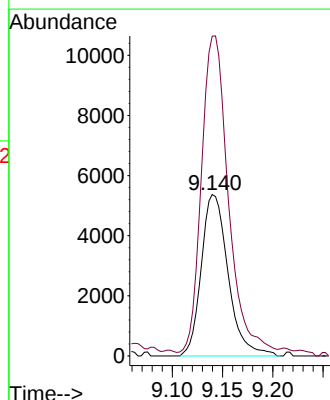
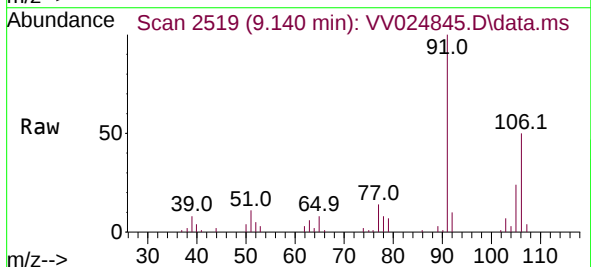
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

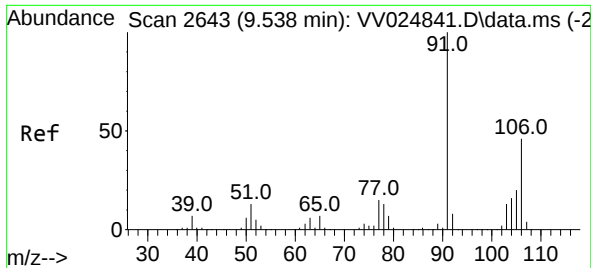
Tgt Ion: 91 Resp: 26030
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.2



#53
m,p-Xylene
Concen: 2.304 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.007 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion: 106 Resp: 9974
Ion Ratio Lower Upper
106 100
91 198.0 142.2 264.2

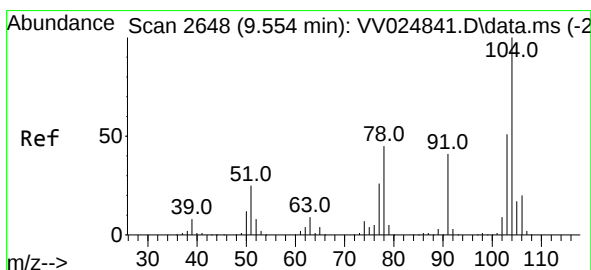
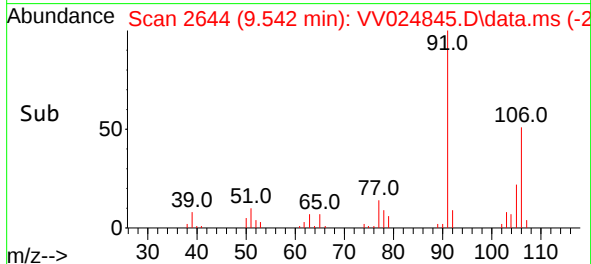
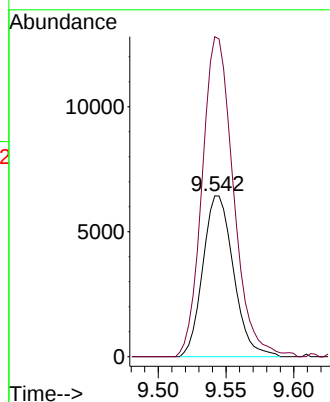
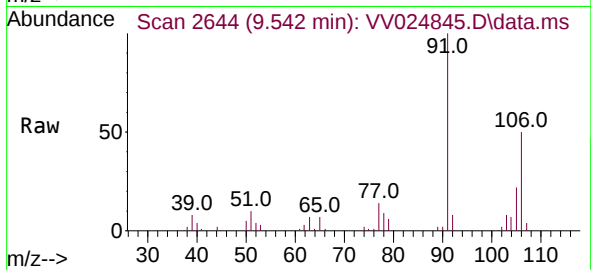




#54
o-Xylene
Concen: 2.422 ug/L
RT: 9.542 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

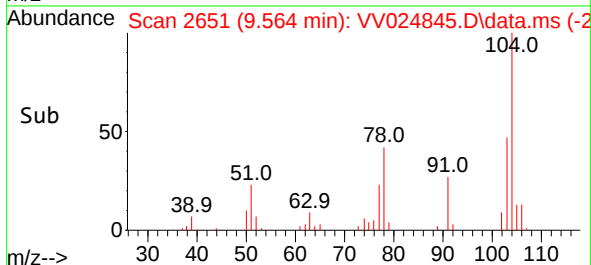
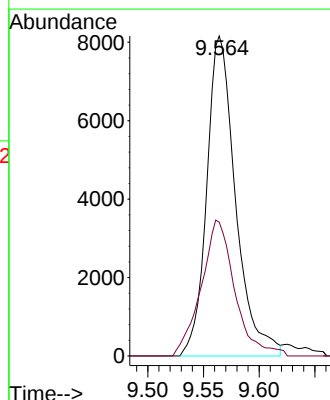
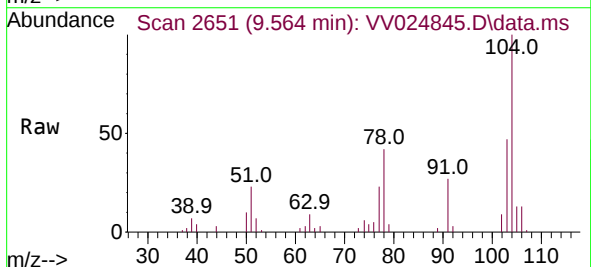
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

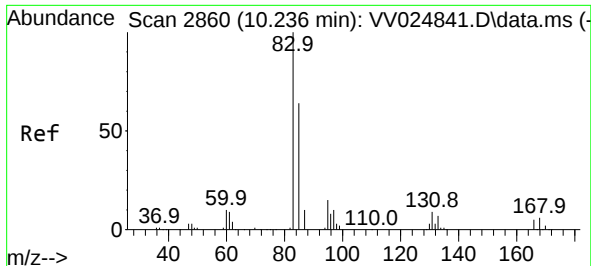
Tgt Ion:106 Resp: 10132
Ion Ratio Lower Upper
106 100
91 199.1 151.6 281.6



#55
Styrene
Concen: 2.074 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.010 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion:104 Resp: 14721
Ion Ratio Lower Upper
104 100
78 41.8 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 2.720 ug/L

RT: 10.236 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2022-02

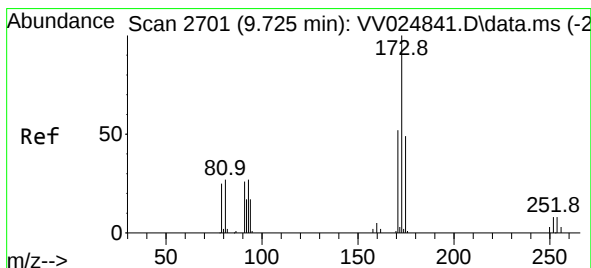
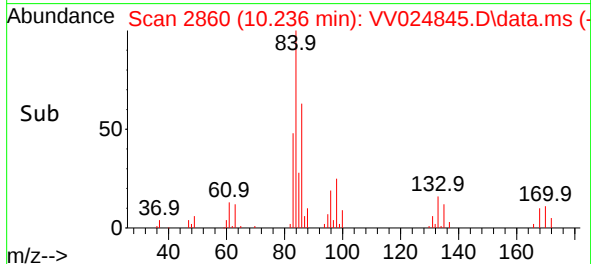
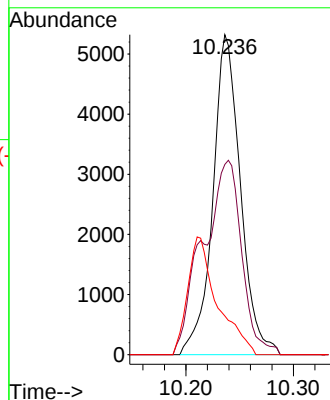
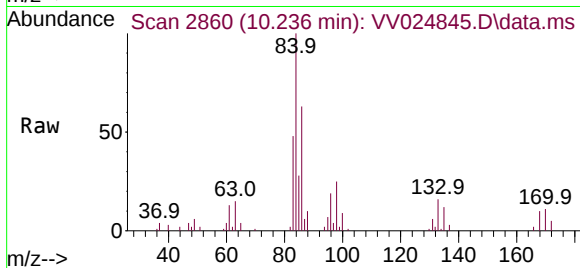
Tgt Ion: 83 Resp: 9495

Ion Ratio Lower Upper

83 100

85 59.4 44.2 82.2

131 12.1 7.0 10.4#



#59

Bromoform

Concen: 2.052 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.007 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

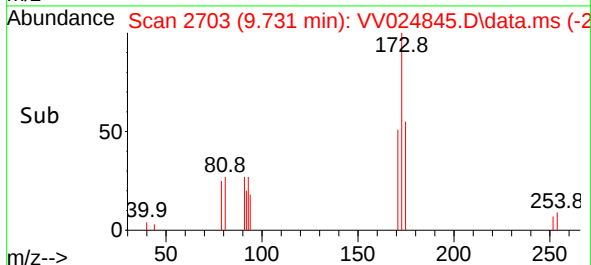
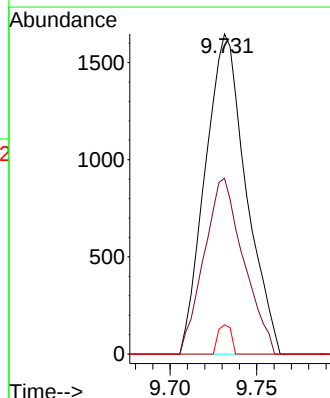
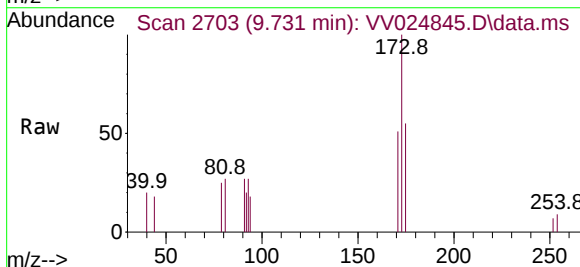
Tgt Ion: 173 Resp: 2695

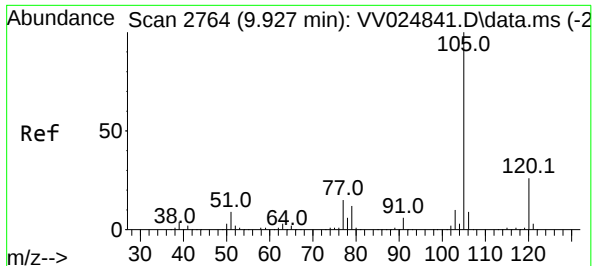
Ion Ratio Lower Upper

173 100

175 53.1 37.9 56.9

254 3.0 6.2 9.4#

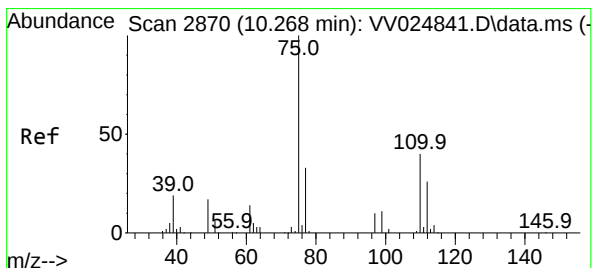
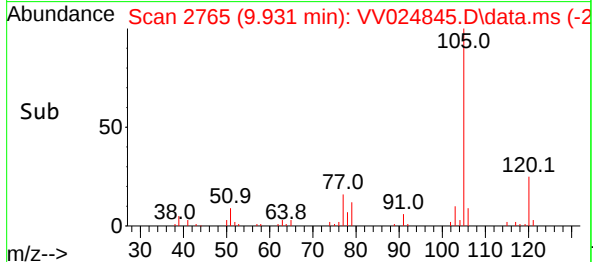
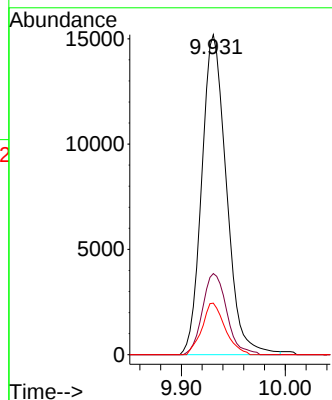
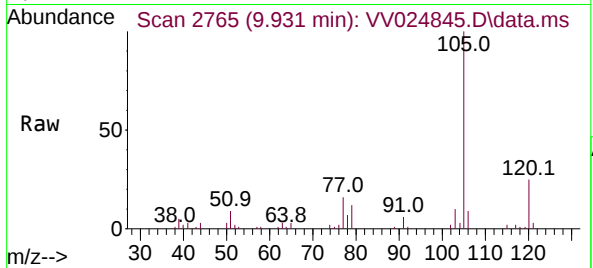




#60
Isopropylbenzene
Concen: 2.387 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

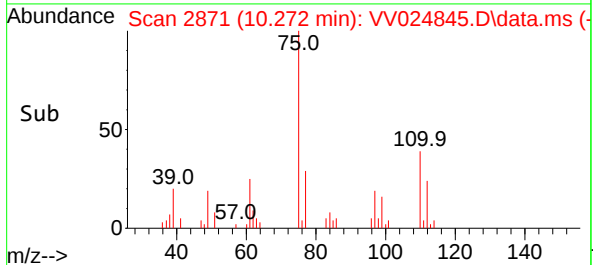
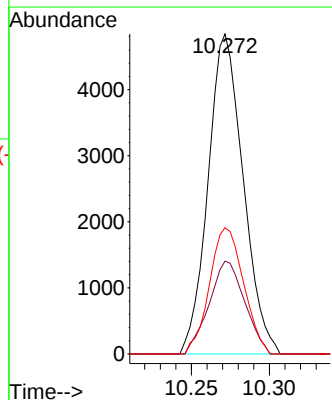
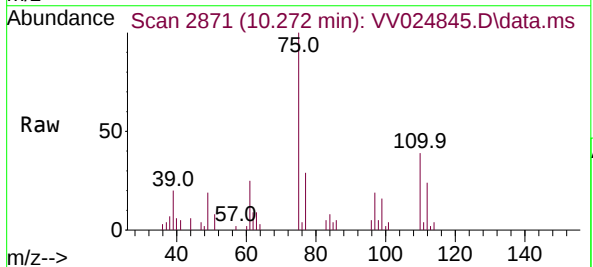
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

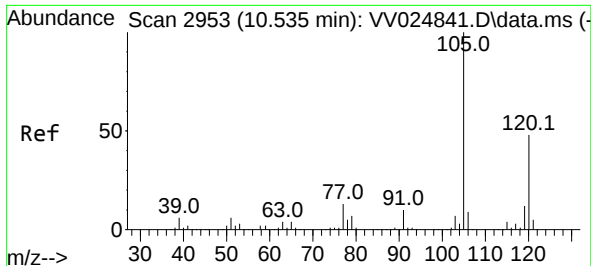
Tgt Ion:105 Resp: 24993
Ion Ratio Lower Upper
105 100
120 25.0 20.6 31.0
77 15.1 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 2.625 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion: 75 Resp: 7571
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0
110 38.3 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 2.265 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

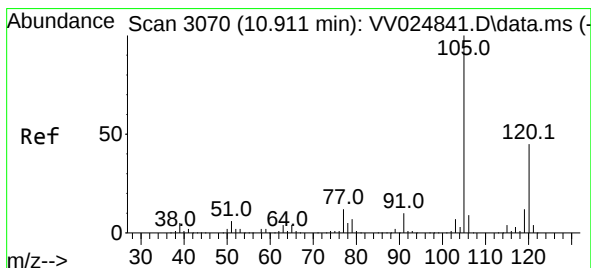
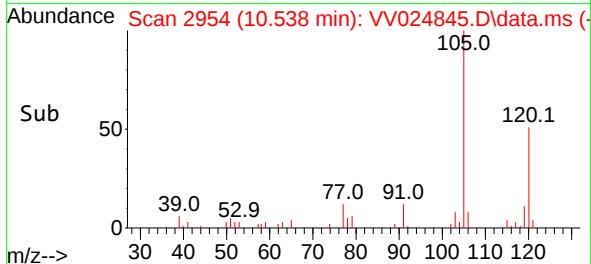
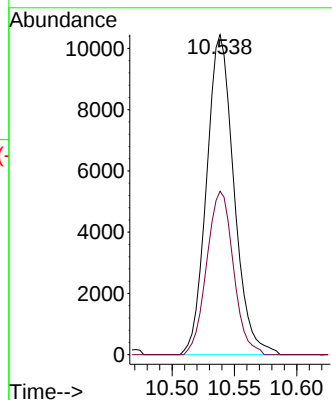
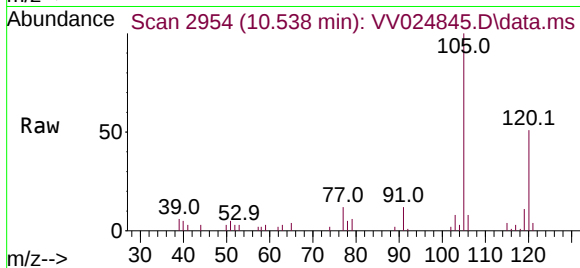
MDL-MED-SOIL-QT1-2022-02

Tgt Ion:105 Resp: 16001

Ion Ratio Lower Upper

105 100

120 49.7 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 2.249 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024845.D

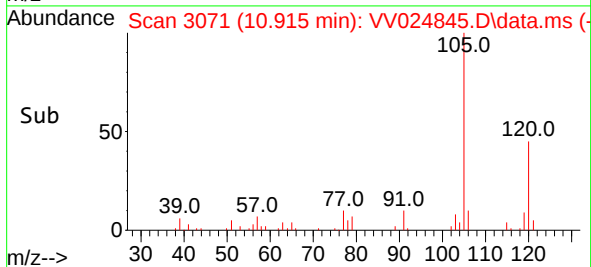
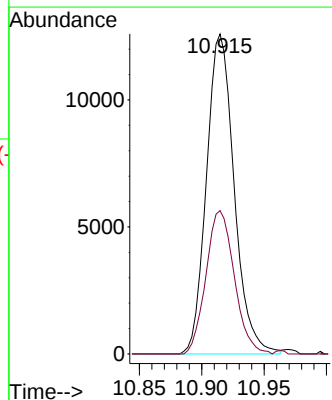
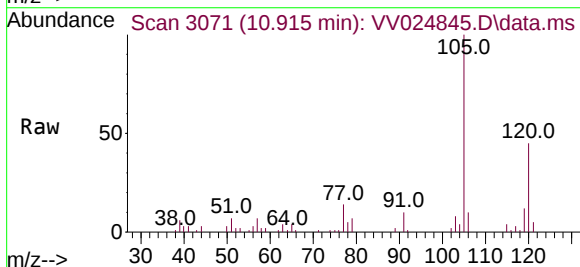
Acq: 01 Mar 2022 13:48

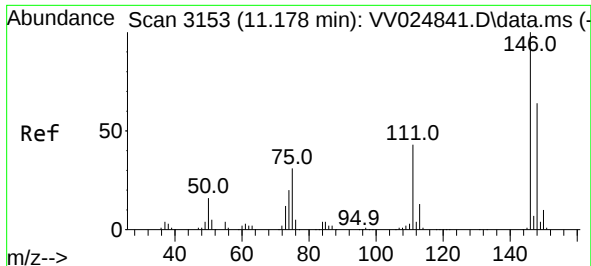
Tgt Ion:105 Resp: 19475

Ion Ratio Lower Upper

105 100

120 45.8 36.1 54.1

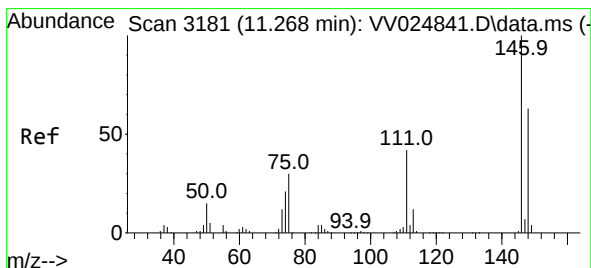
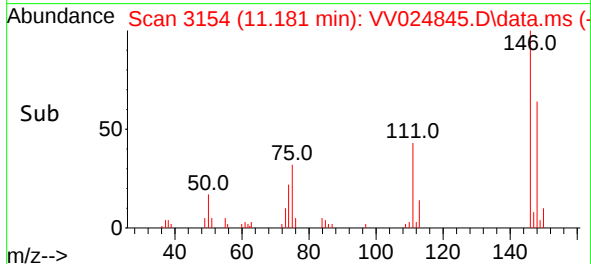
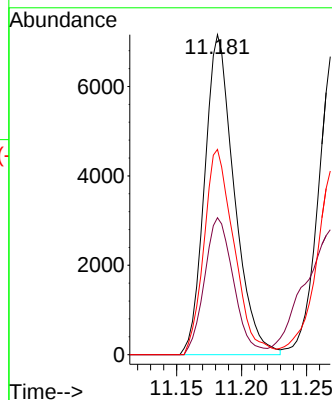
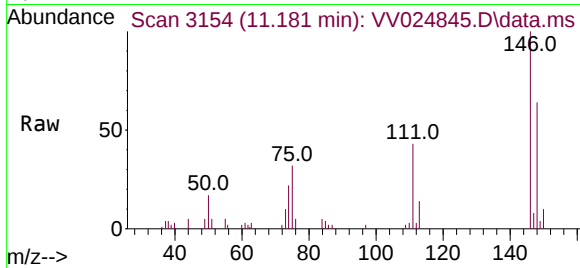




#64
1,3-Dichlorobenzene
Concen: 2.473 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

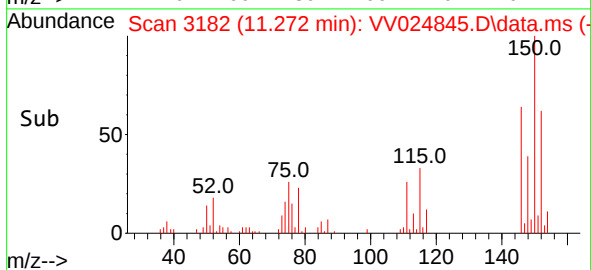
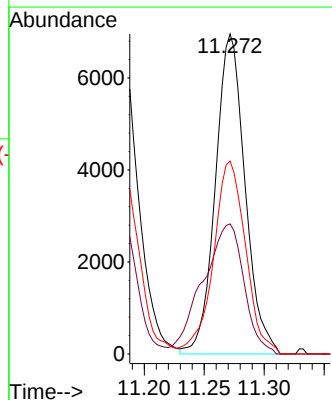
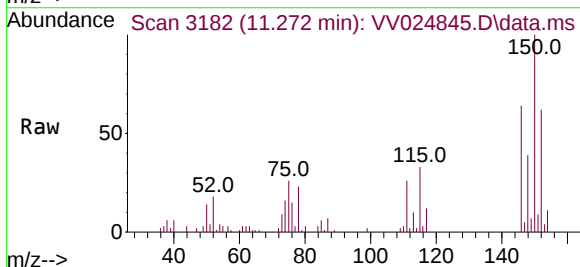
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

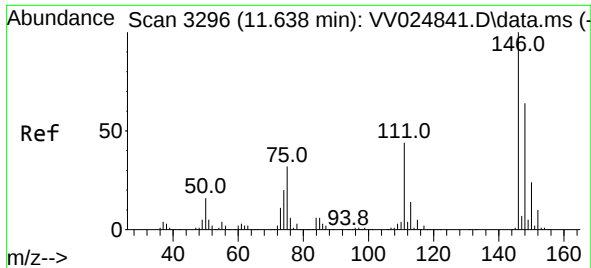
Tgt Ion:146 Resp: 11360
Ion Ratio Lower Upper
146 100
111 42.8 29.7 55.1
148 64.2 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 2.540 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion:146 Resp: 11949
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.0
148 60.2 43.7 81.1

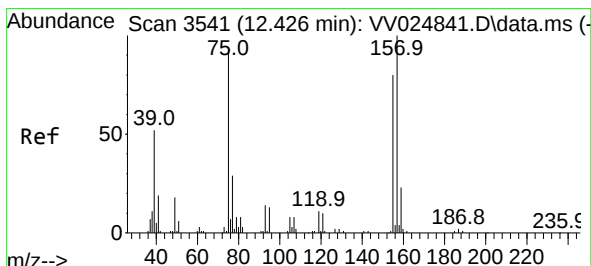
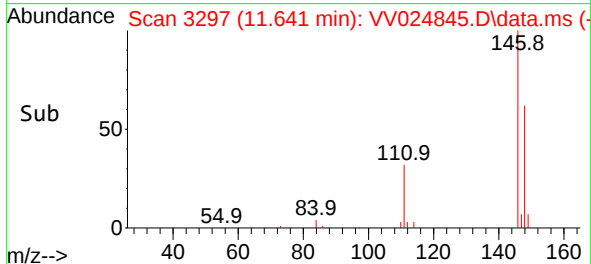
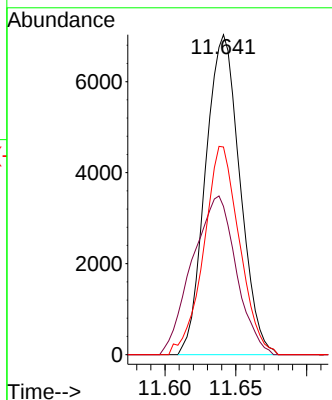
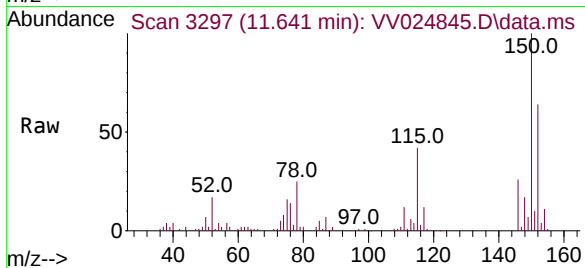




#67
1,2-Dichlorobenzene
Concen: 2.568 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

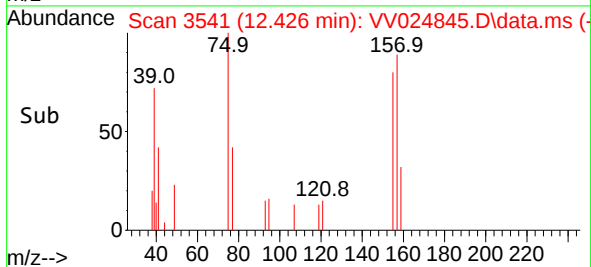
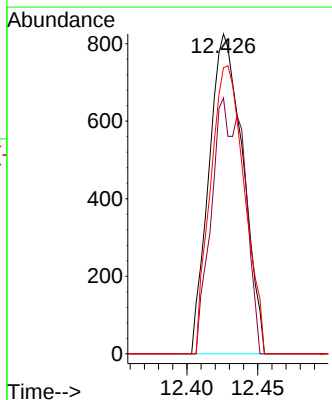
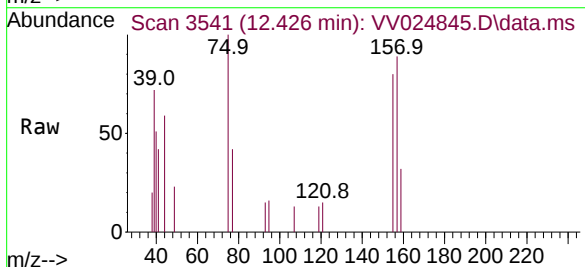
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

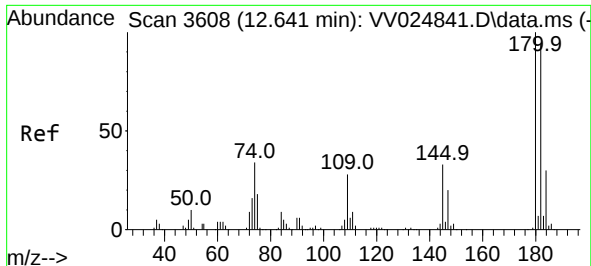
Tgt Ion:146 Resp: 11874
Ion Ratio Lower Upper
146 100
111 46.3 34.9 52.3
148 64.9 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 2.086 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion: 75 Resp: 1374
Ion Ratio Lower Upper
75 100
155 80.0 63.8 95.8
157 89.5 79.3 118.9





#69

1,3,5-Trichlorobenzene

Concen: 2.394 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:180 Resp: 7423

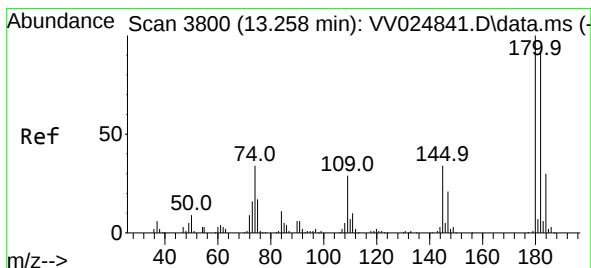
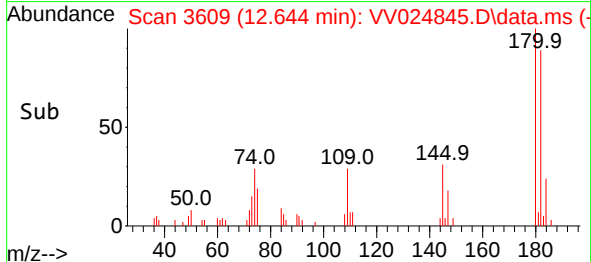
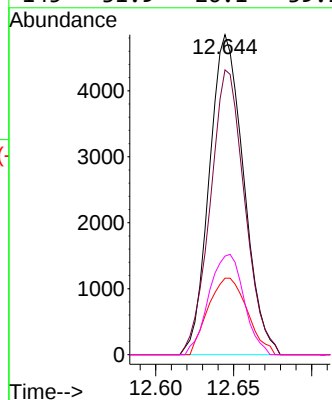
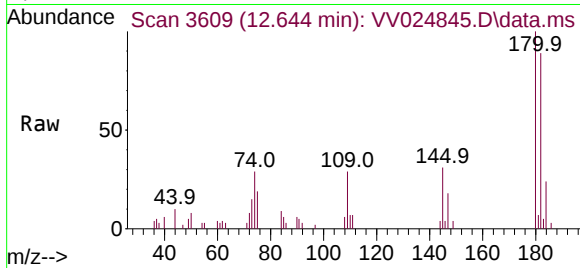
Ion Ratio Lower Upper

180 100

182 89.3 75.1 112.7

184 27.2 23.9 35.9

145 31.9 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 2.335 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV024845.D

Acq: 01 Mar 2022 13:48

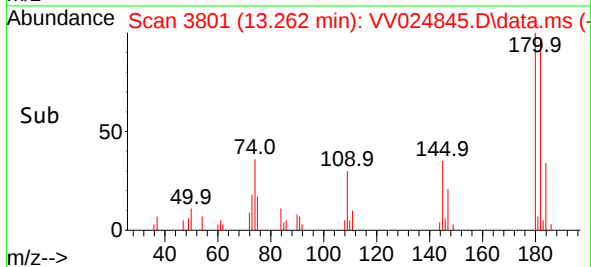
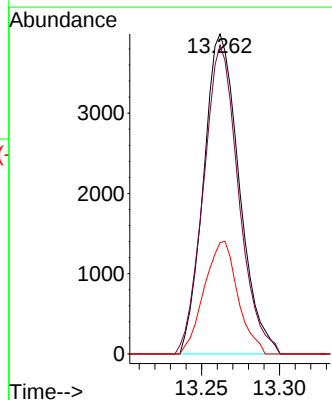
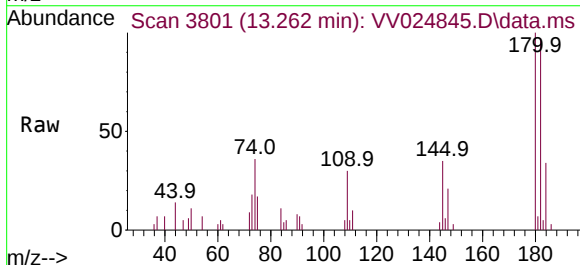
Tgt Ion:180 Resp: 6310

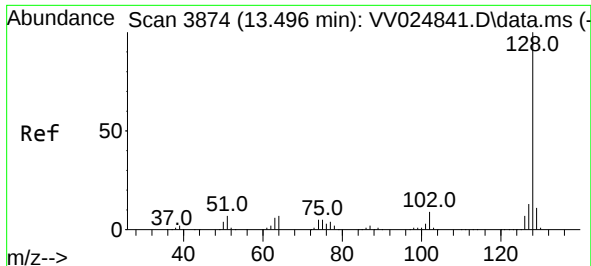
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 33.3 27.6 41.4

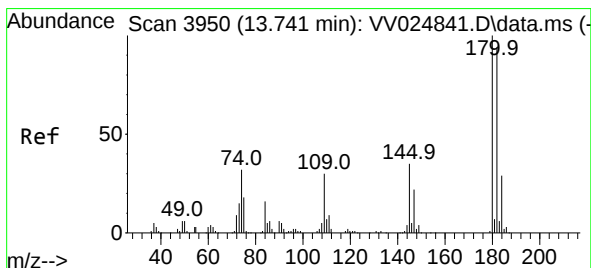
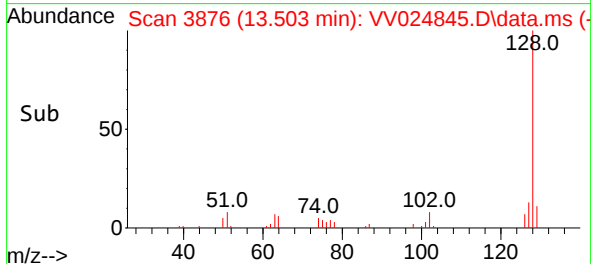
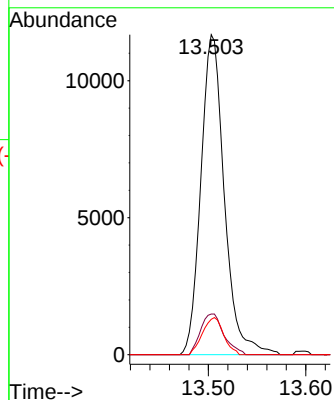
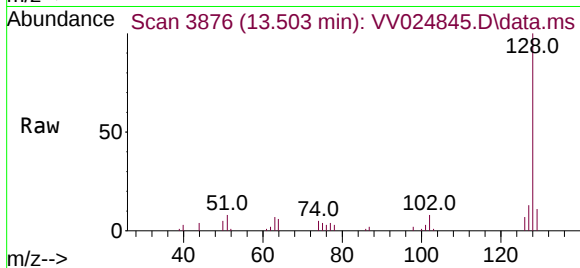




#71
Naphthalene
Concen: 2.232 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.007 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2022-02

Tgt Ion:128	Resp:	19541
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.2 15.4
129	10.4	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.405 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024845.D
Acq: 01 Mar 2022 13:48

Tgt Ion:180	Resp:	6407
Ion Ratio	Lower	Upper
180	100	
182	94.9	75.9 113.9
145	36.6	28.7 43.1

