

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
 Data File : VW024275.D
 Acq On : 18 Aug 2022 15:22
 Operator : SY/VA
 Sample : N3670-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2022-03

Quant Time: Aug 18 21:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	252268	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	246922	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	126739	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	113145	21.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
7) Chloroethane-d5	2.873	69	75488	22.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.920%
11) 1,1-Dichloroethene-d2	4.001	63	92976	15.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.880%
21) 2-Butanone-d5	7.074	46	50029	50.997	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
24) Chloroform-d	7.647	84	177592	23.266	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	8.299	65	104087	24.562	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.269	84	329926	22.656	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	9.275	67	100547	23.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	10.323	98	289784	21.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.160%
43) trans-1,3-Dichloroprop...	10.573	79	41738	22.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.927	63	39309	49.497	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	100649	24.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	114056	24.592	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	1911	0.861	ug/L #	82
13) Acetone	4.123	43	4379	6.063	ug/L	95
14) Carbon disulfide	4.379	76	9843	1.014	ug/L #	91
16) Methylene chloride	4.916	84	24227	5.446	ug/L	98
19) 1,1-Dichloroethane	6.214	63	6322	1.025	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	4077	1.060	ug/L #	65
23) Bromochloromethane	7.519	128	1401	0.731	ug/L #	72
25) Chloroform	7.677	83	7578	1.115	ug/L	97
27) 1,2-Dichloroethane	8.403	62	5042	1.102	ug/L	96
29) Cyclohexane	7.946	56	4516	0.892	ug/L #	95
30) 1,1,1-Trichloroethane	7.866	97	5692	1.022	ug/L	92
31) Carbon tetrachloride	8.061	117	5065	0.964	ug/L	99
33) Benzene	8.317	78	18804	1.289	ug/L	100
34) Trichloroethene	9.092	95	4033	1.046	ug/L	89
35) Methylcyclohexane	9.329	83	5212	0.862	ug/L #	88
37) 1,2-Dichloropropane	9.366	63	4019	1.115	ug/L #	86
38) Bromodichloromethane	9.640	83	5183	1.025	ug/L	85
39) cis-1,3-Dichloropropene	10.073	75	5512	1.039	ug/L	91
40) 4-Methyl-2-pentanone	10.207	43	5147	2.151	ug/L	92

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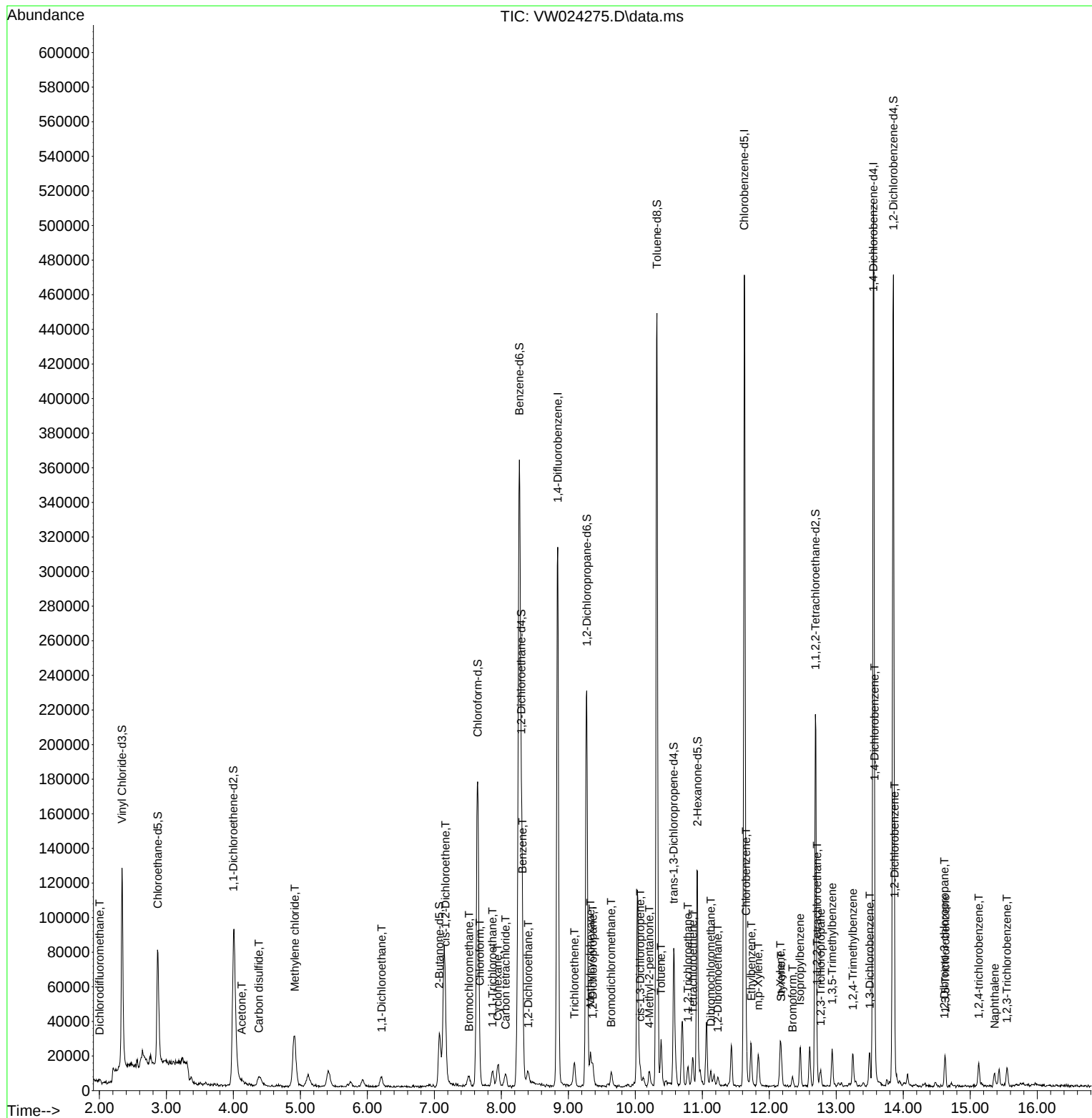
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42) Toluene	10.384	91	15910	1.027	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	3299	1.086	ug/L	97
46) Tetrachloroethene	10.860	164	3256	1.043	ug/L	92
49) Dibromochloromethane	11.128	129	3322	0.908	ug/L	91
50) 1,2-Dibromoethane	11.232	107	3108	1.068	ug/L	91
51) Chlorobenzene	11.652	112	11050	1.044	ug/L	95
52) Ethylbenzene	11.731	91	15078	0.888	ug/L	94
53) m,p-Xylene	11.835	106	5376	0.813	ug/L	80
54) o-Xylene	12.164	106	4890	0.783	ug/L	86
55) Styrene	12.176	104	7897	0.727	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.713	83	3586	0.944	ug/L #	91
59) Bromoform	12.347	173	1885	0.975	ug/L #	98
60) Isopropylbenzene	12.457	105	12242	0.798	ug/L #	95
61) 1,2,3-Trichloropropane	12.768	75	2821	1.118	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.939	105	9478	0.748	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	9376	0.751	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	7003	0.932	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	8168	1.027	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	8001	1.121	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.615	75	1090	1.850	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.627	180	5324	1.081	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	3353	0.850	ug/L	95
71) Naphthalene	15.365	128	5763	0.750	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.548	180	3080	0.857	ug/L	98

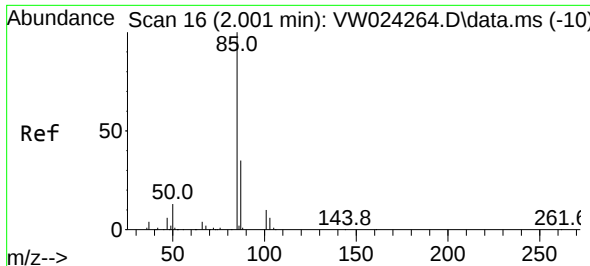
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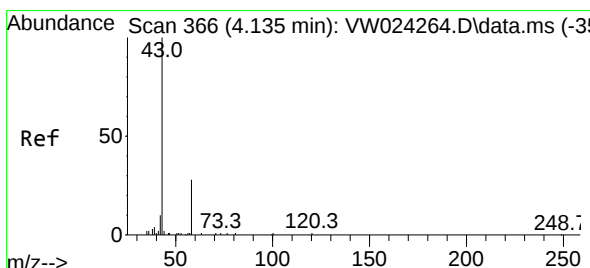
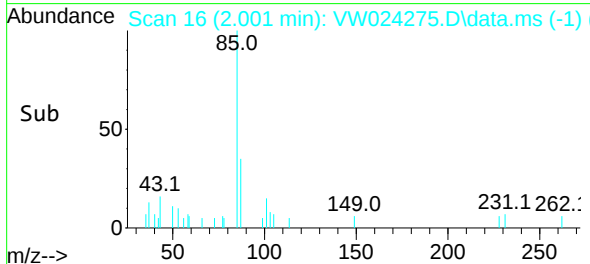
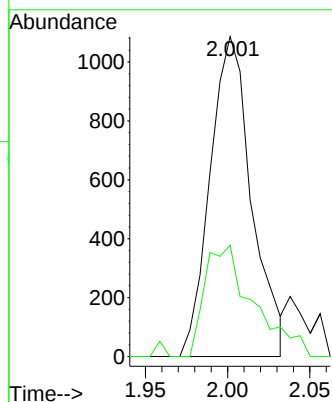
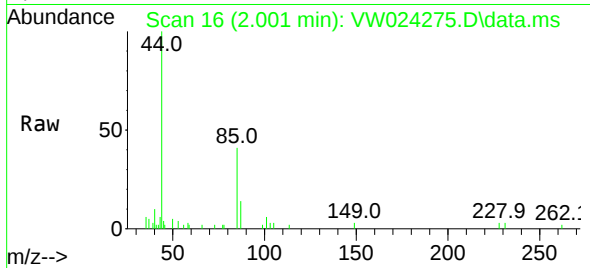




#2
 Dichlorodifluoromethane
 Concen: 0.861 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024275.D
 Acq: 18 Aug 2022 15:22

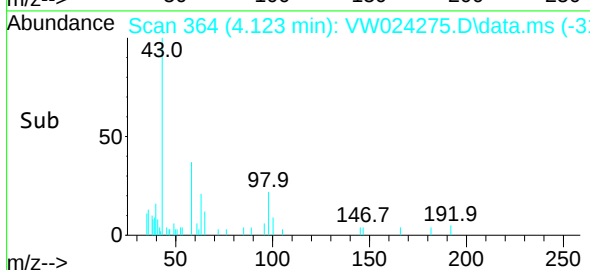
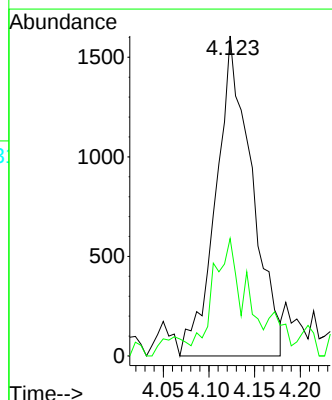
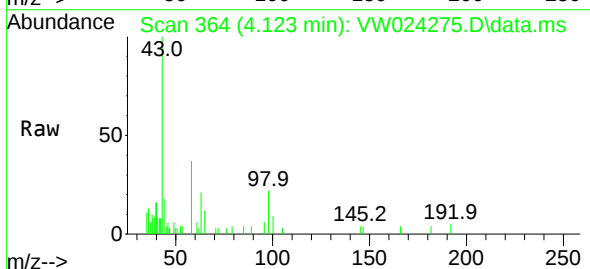
Instrument :
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 ClientSampleId :
 MDL-SOIL-QT2-2022-03

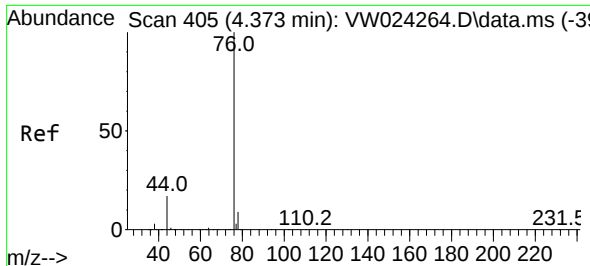
Tgt Ion: 85 Resp: 1911
 Ion Ratio Lower Upper
 85 100
 87 40.6 24.5 36.7#



#13
 Acetone
 Concen: 6.063 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.012 min
 Lab File: VW024275.D
 Acq: 18 Aug 2022 15:22

Tgt Ion: 43 Resp: 4379
 Ion Ratio Lower Upper
 43 100
 58 13.9 0.0 31.8

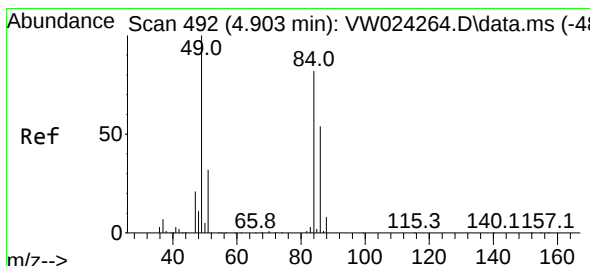
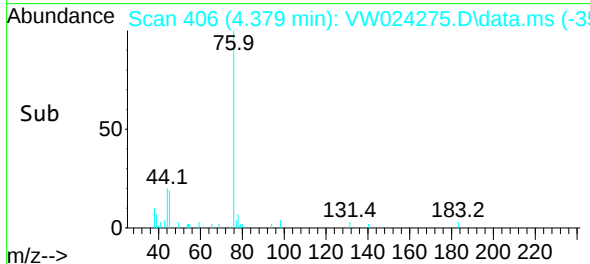
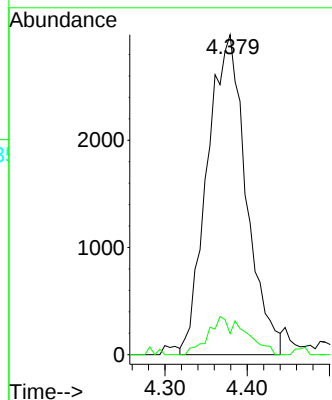
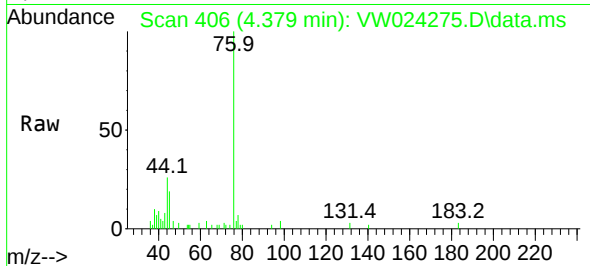




#14
Carbon disulfide
Concen: 1.014 ug/L
RT: 4.379 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

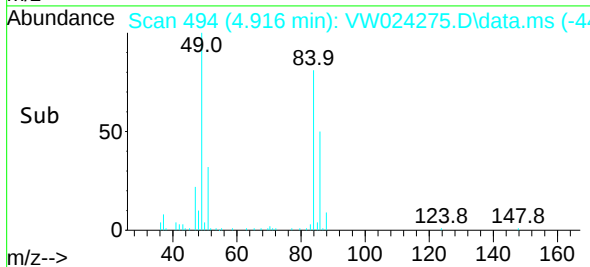
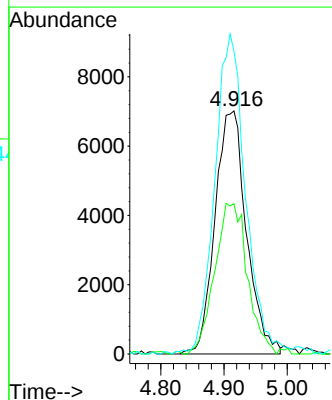
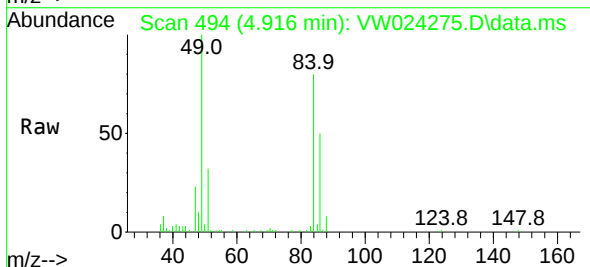
Instrument :
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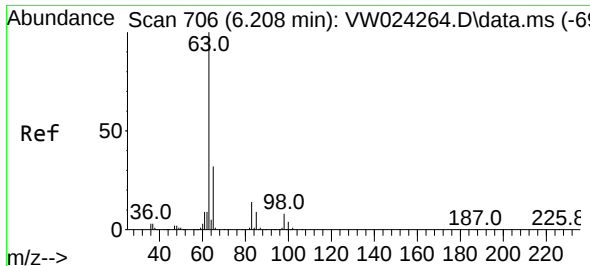
Tgt Ion: 76 Resp: 9843
Ion Ratio Lower Upper
76 100
78 6.6 7.9 11.9#



#16
Methylene chloride
Concen: 5.446 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.012 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion: 84 Resp: 24227
Ion Ratio Lower Upper
84 100
86 61.8 42.8 79.6
49 124.5 85.3 158.3

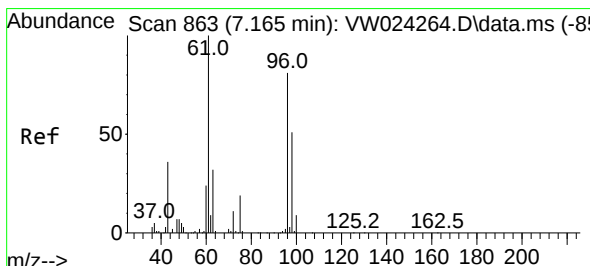
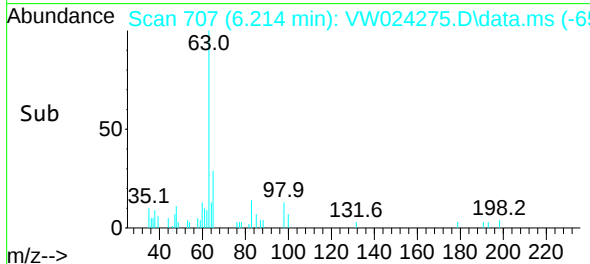
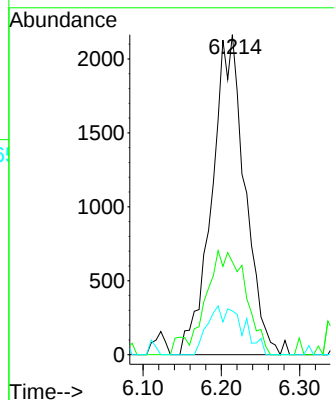
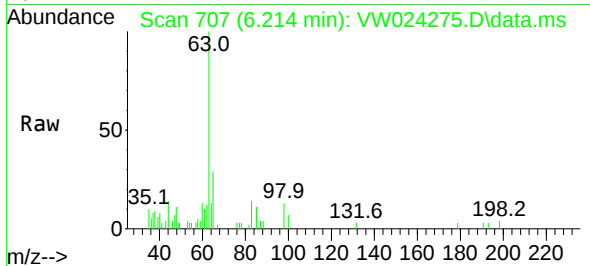




#19
 1,1-Dichloroethane
 Concen: 1.025 ug/L
 RT: 6.214 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VW024275.D
 Acq: 18 Aug 2022 15:22

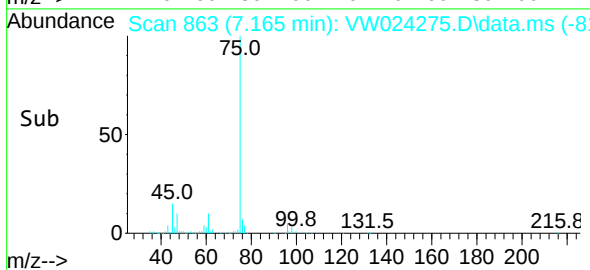
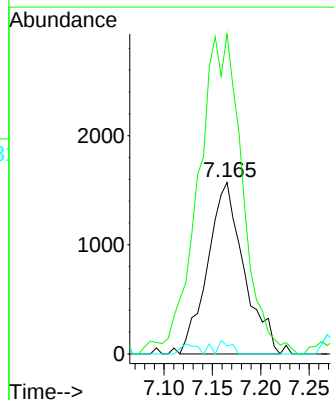
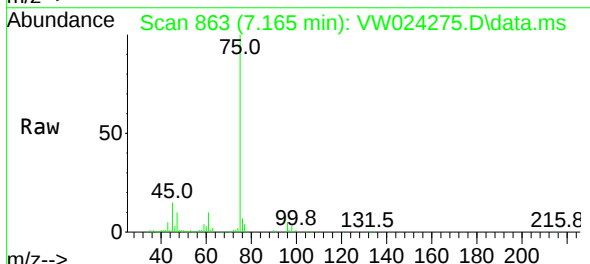
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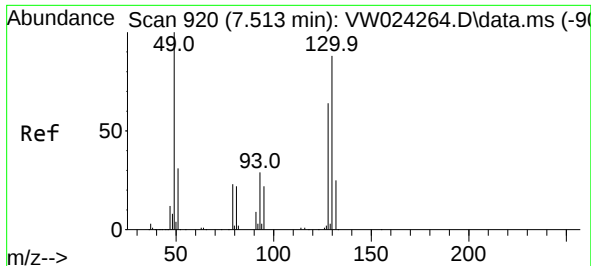
Tgt Ion: 63 Resp: 6322
 Ion Ratio Lower Upper
 63 100
 65 29.0 22.0 41.0
 83 13.7 9.2 17.0



#20
 cis-1,2-Dichloroethene
 Concen: 1.060 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW024275.D
 Acq: 18 Aug 2022 15:22

Tgt Ion: 96 Resp: 4077
 Ion Ratio Lower Upper
 96 100
 61 168.5 89.5 166.3#
 68 4.3 0.1 0.1#

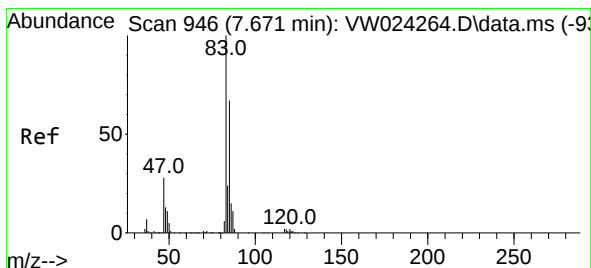
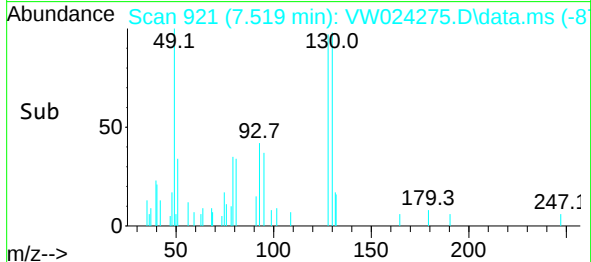
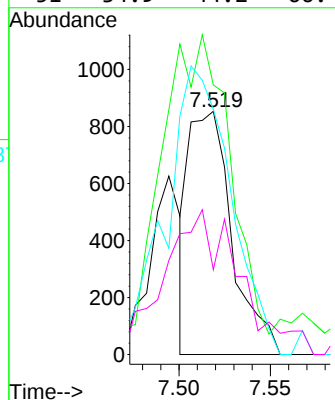
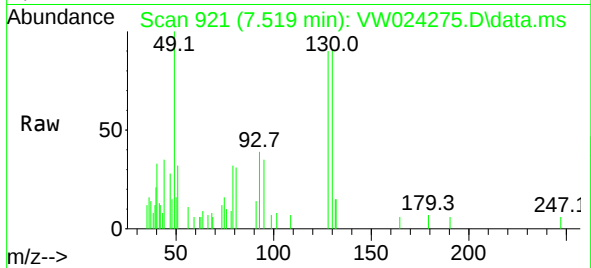




#23
Bromochloromethane
Concen: 0.731 ug/L
RT: 7.519 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

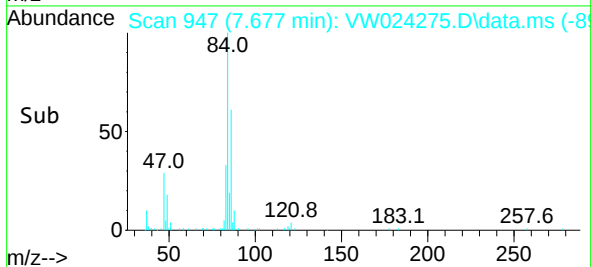
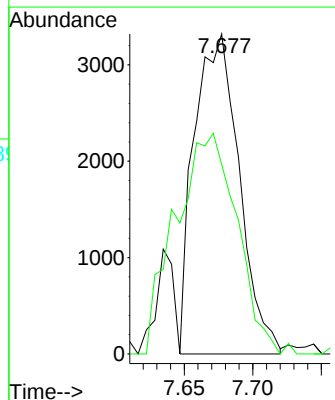
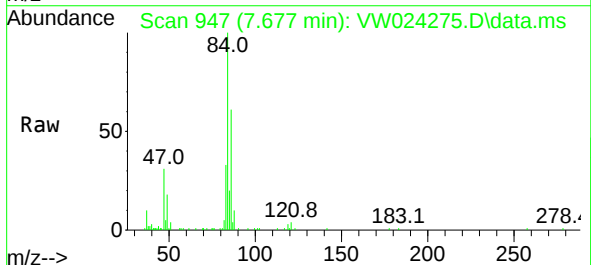
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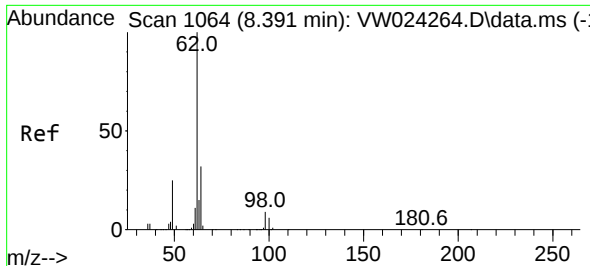
Tgt Ion:	128	Resp:	1401
Ion	Ratio	Lower	Upper
128	100		
49	110.9	106.6	198.0
130	100.8	88.1	163.5
51	34.9	44.2	66.4



#25
Chloroform
Concen: 1.115 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW024275.D
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Tgt Ion:	83	Resp:	7578
Ion	Ratio	Lower	Upper
83	100		
85	59.3	42.9	79.7





#27

1,2-Dichloroethane

Concen: 1.102 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.012 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Instrument :

MSVOA_W

ClientSampleId :

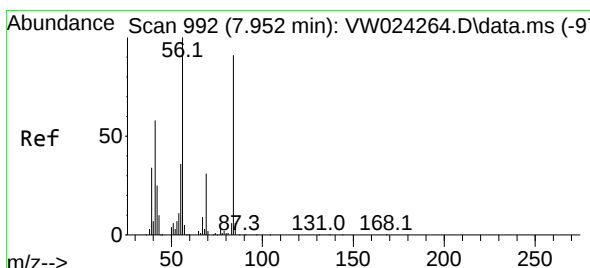
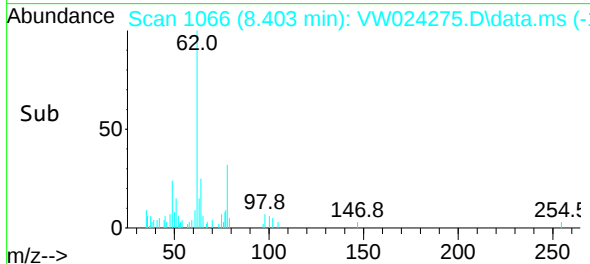
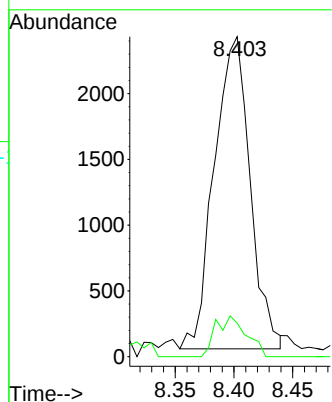
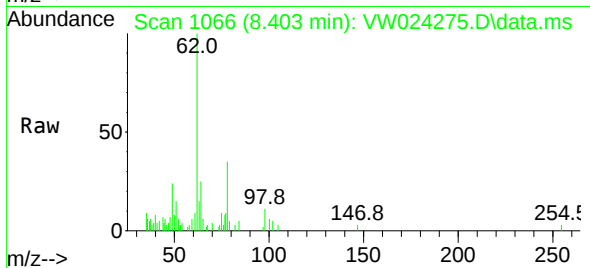
MDL-SOIL-QT2-2022-03

Tgt Ion: 62 Resp: 5042

Ion Ratio Lower Upper

62 100

98 10.5 7.4 11.0



#29

Cyclohexane

Concen: 0.892 ug/L

RT: 7.946 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

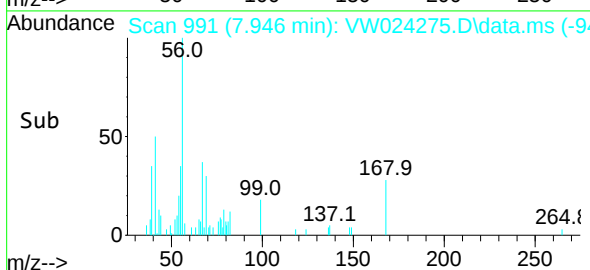
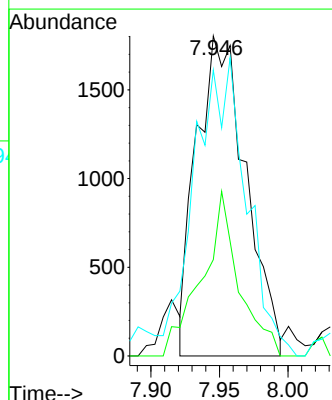
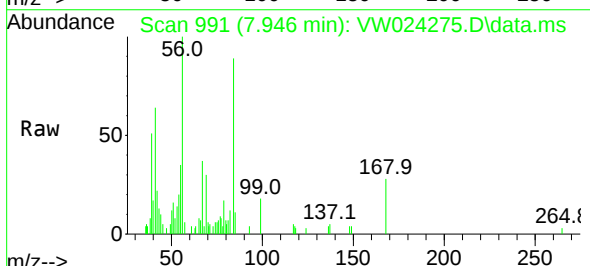
Tgt Ion: 56 Resp: 4516

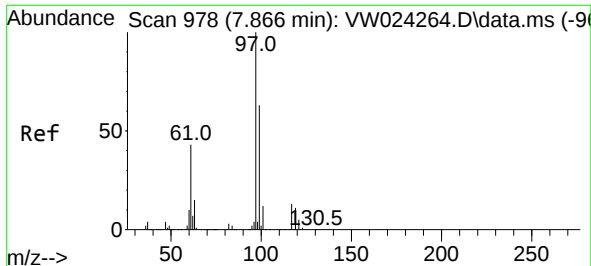
Ion Ratio Lower Upper

56 100

69 38.6 24.5 36.7#

84 96.6 75.5 113.3

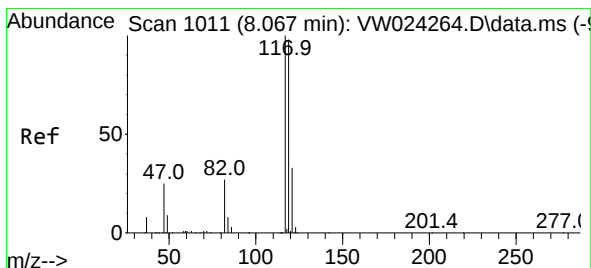
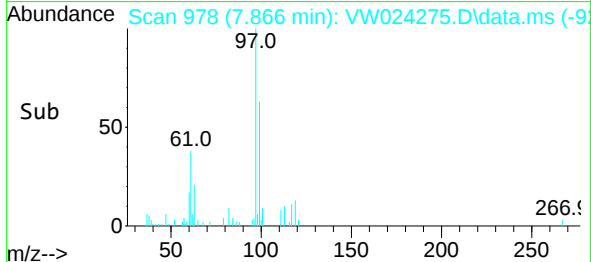
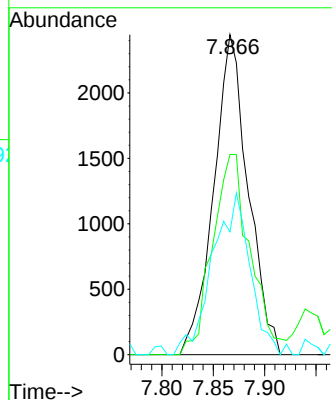
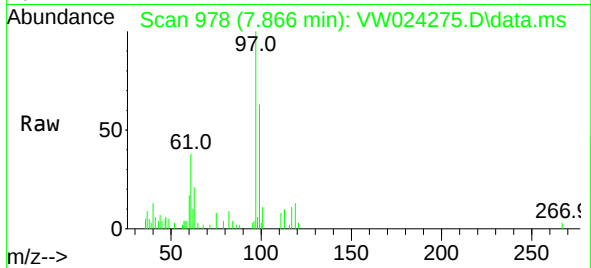




#30
1,1,1-Trichloroethane
Concen: 1.022 ug/L
RT: 7.866 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

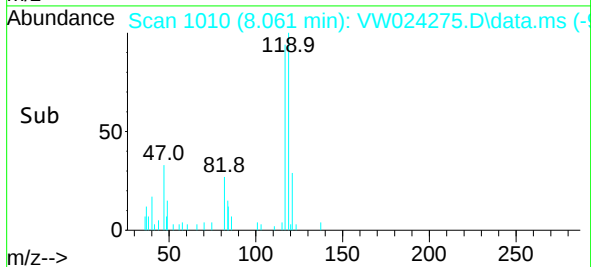
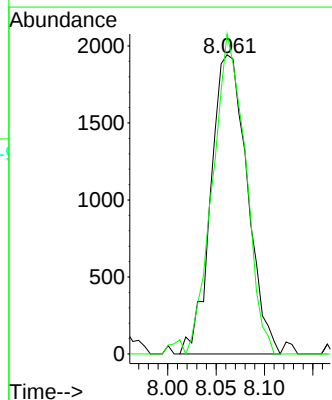
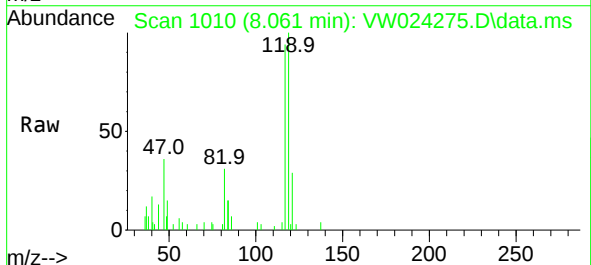
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03

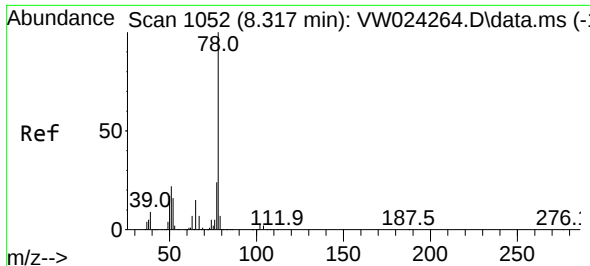
Tgt Ion:	97	Resp:	5692
Ion	Ratio	Lower	Upper
97	100		
99	59.9	51.0	76.6
61	52.5	36.2	54.2



#31
Carbon tetrachloride
Concen: 0.964 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion:	117	Resp:	5065
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.8	116.8





#33

Benzene

Concen: 1.289 ug/L

RT: 8.317 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

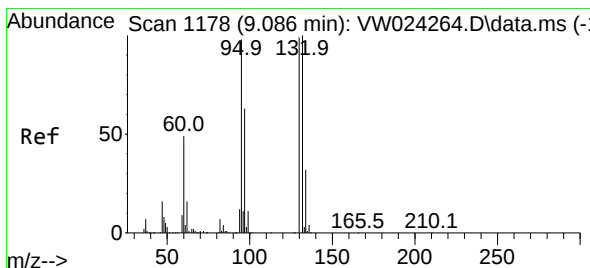
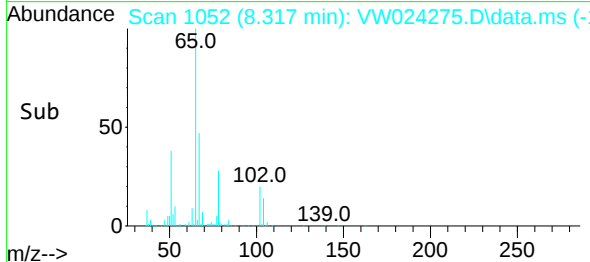
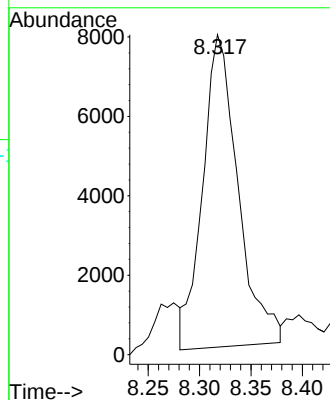
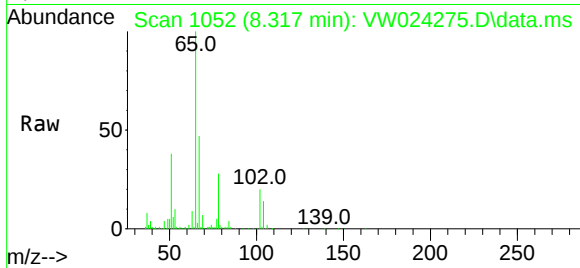
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-03

Tgt Ion: 78 Resp: 18804



#34

Trichloroethene

Concen: 1.046 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Tgt Ion: 95 Resp: 4033

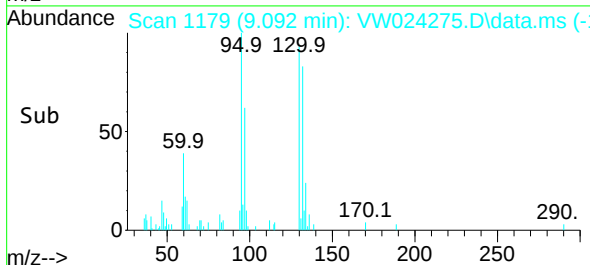
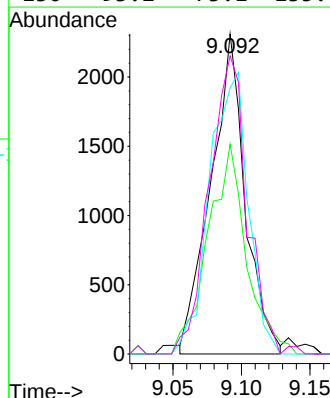
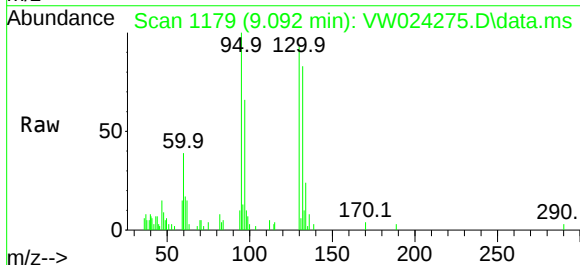
Ion Ratio Lower Upper

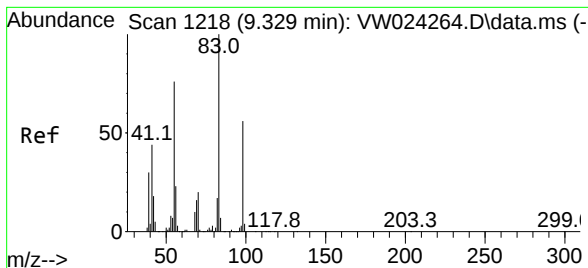
95 100

97 65.6 41.6 77.2

132 83.2 67.0 124.4

130 93.2 73.1 135.8





#35

Methylcyclohexane

Concen: 0.862 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-03

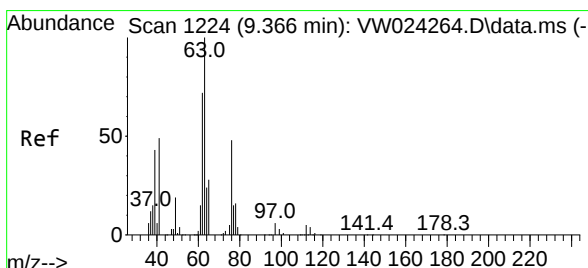
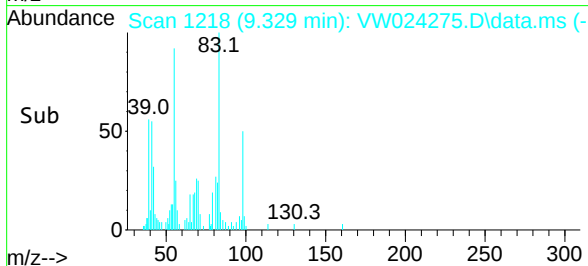
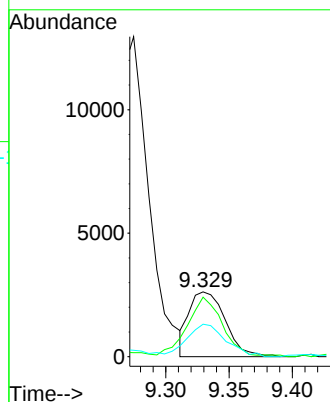
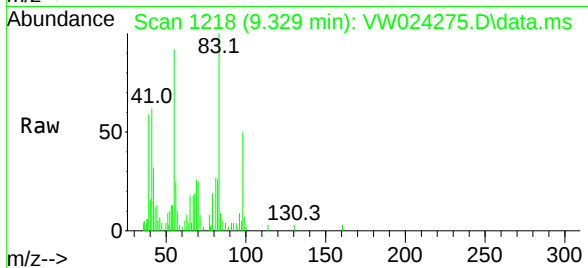
Tgt Ion: 83 Resp: 5212

Ion Ratio Lower Upper

83 100

55 89.3 59.1 88.7#

98 53.7 40.8 61.2



#37

1,2-Dichloropropane

Concen: 1.115 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024275.D

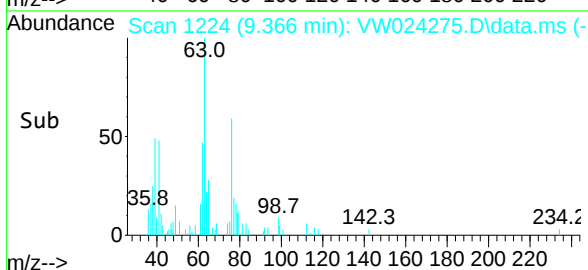
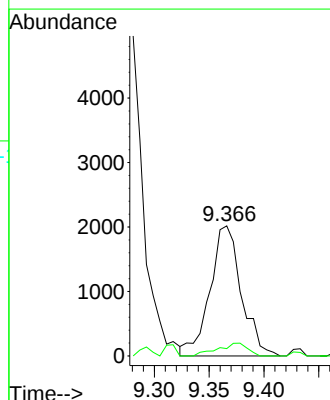
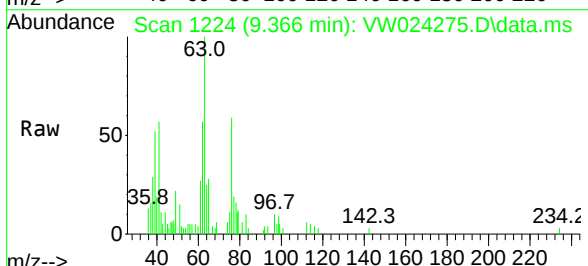
Acq: 18 Aug 2022 15:22

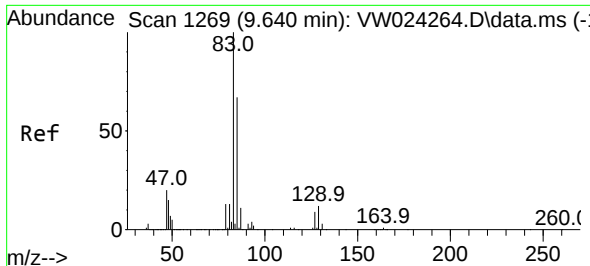
Tgt Ion: 63 Resp: 4019

Ion Ratio Lower Upper

63 100

112 9.3 3.8 5.6#

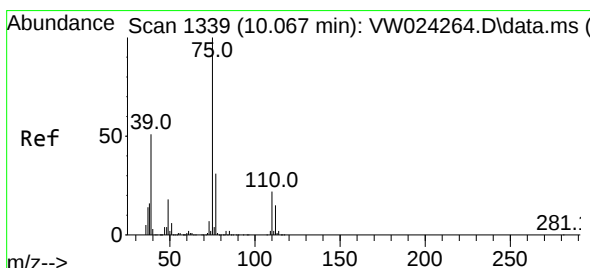
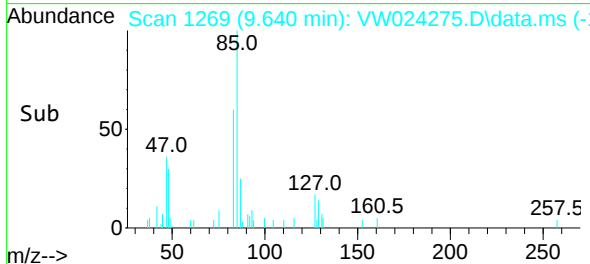
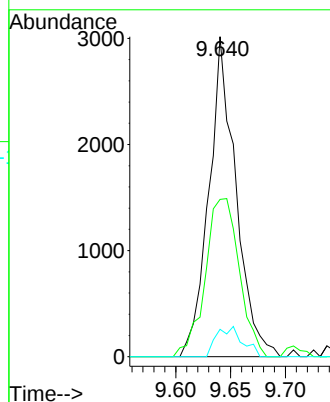
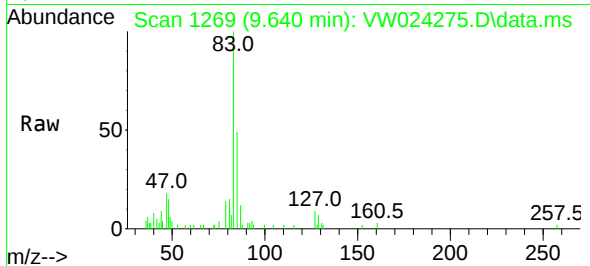




#38
Bromodichloromethane
Concen: 1.025 ug/L
RT: 9.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

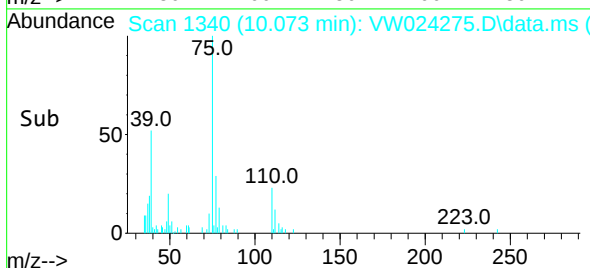
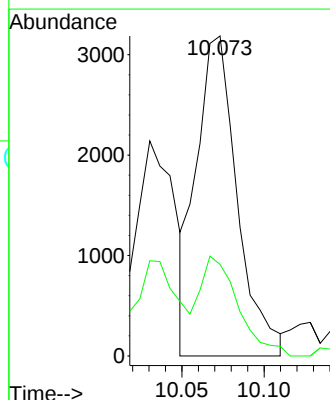
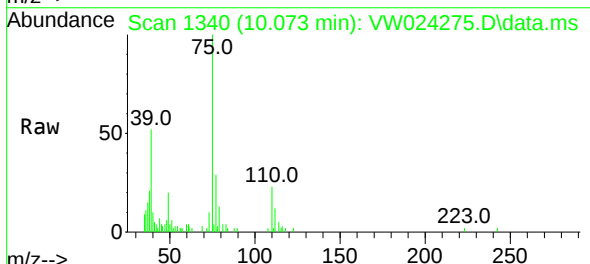
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03

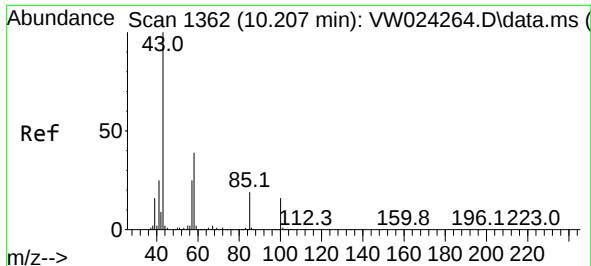
Tgt Ion: 83	Resp: 5183
Ion Ratio	Lower Upper
83 100	
85 49.2	43.7 81.1
127 8.6	6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 1.039 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion: 75	Resp: 5512
Ion Ratio	Lower Upper
75 100	
77 28.6	23.4 43.6

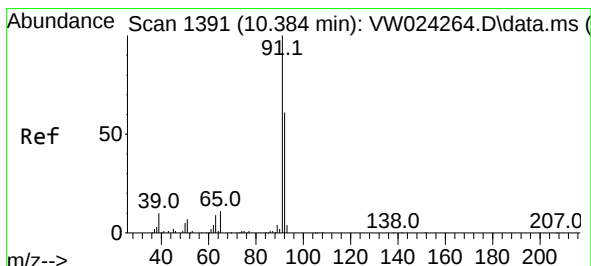
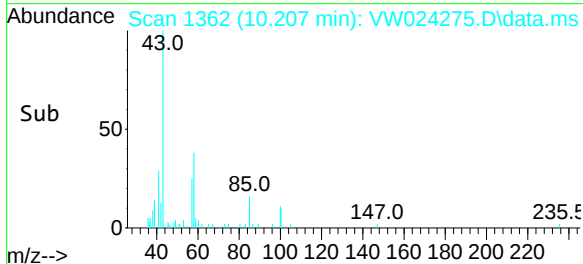
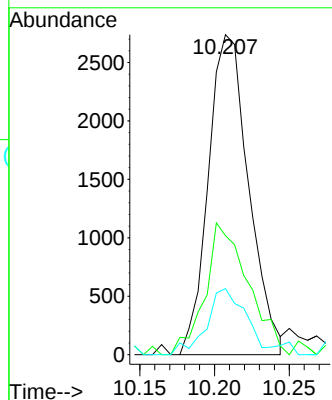
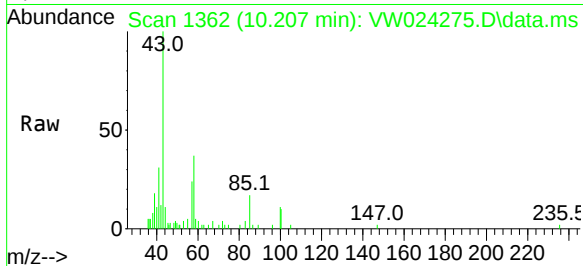




#40
4-Methyl-2-pentanone
Concen: 2.151 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

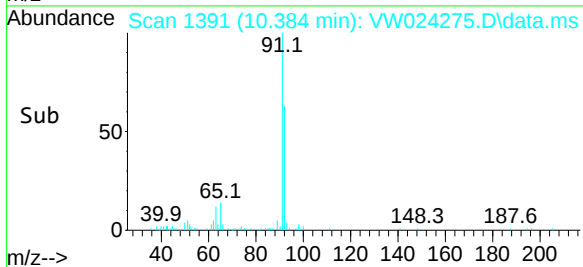
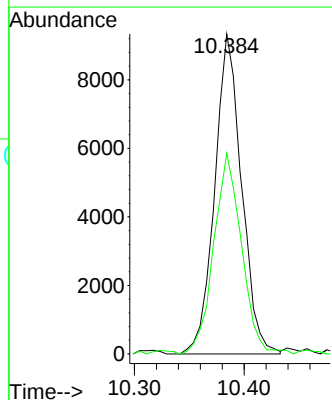
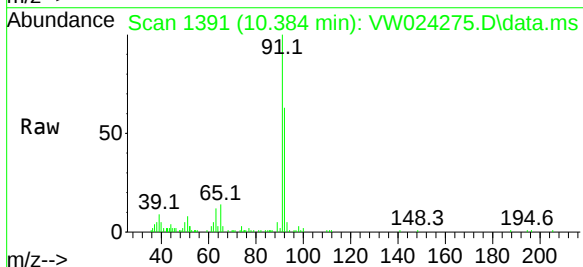
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2022-03

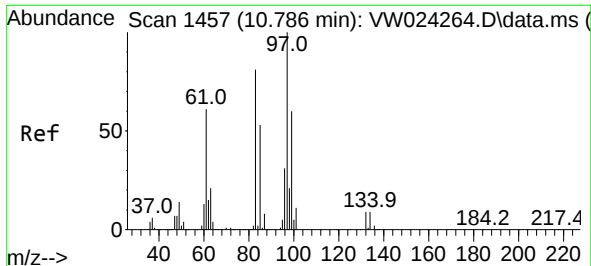
Tgt Ion:	43	Resp:	5147
Ion Ratio	Lower	Upper	
43	100		
58	43.7	30.5	45.7
100	19.6	13.8	20.6



#42
Toluene
Concen: 1.027 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion:	91	Resp:	15910
Ion Ratio	Lower	Upper	
91	100		
92	62.7	41.4	77.0

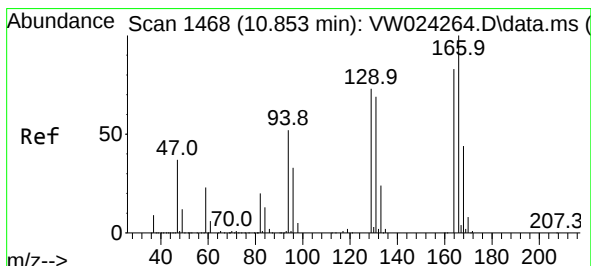
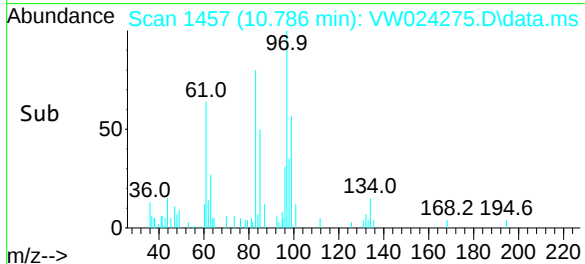
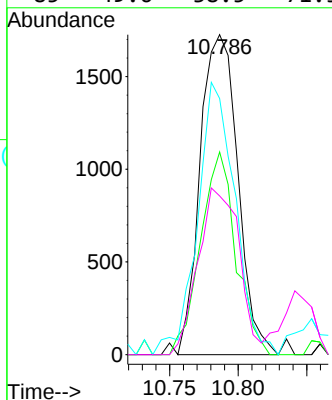
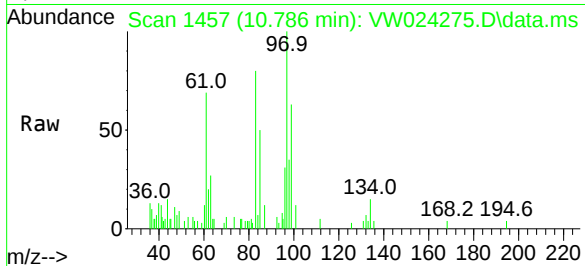




#45
1,1,2-Trichloroethane
Concen: 1.086 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

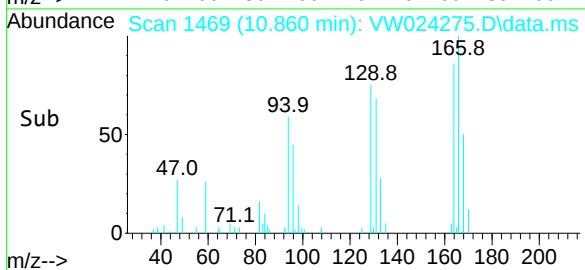
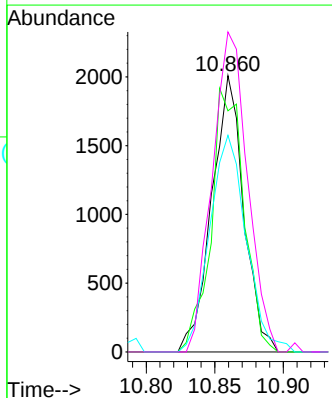
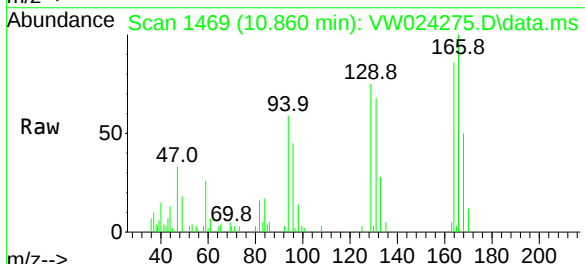
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03

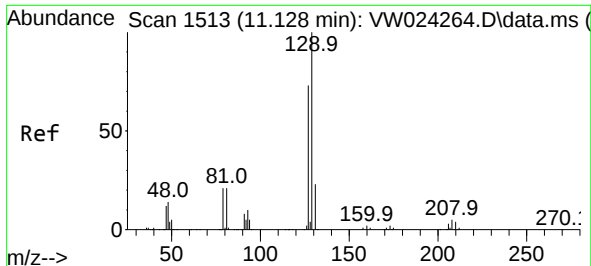
Tgt Ion: 97	Resp: 3299
Ion Ratio	Lower Upper
97 100	
99 63.3	43.8 81.3
83 80.1	56.4 104.7
85 49.6	38.5 71.5



#46
Tetrachloroethene
Concen: 1.043 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt	Ion:164	Resp:	3256
Ion	Ratio	Lower	Upper
164	100		
129	87.3	63.1	117.3
131	78.4	63.9	118.7
166	115.8	86.8	161.2





#49

Dibromochloromethane

Concen: 0.908 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Instrument :

MSVOA_W

ClientSampleId :

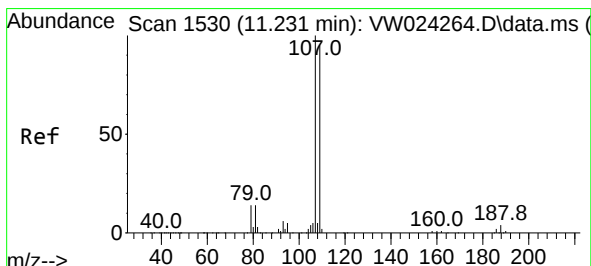
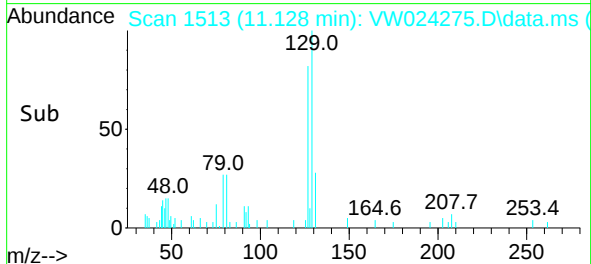
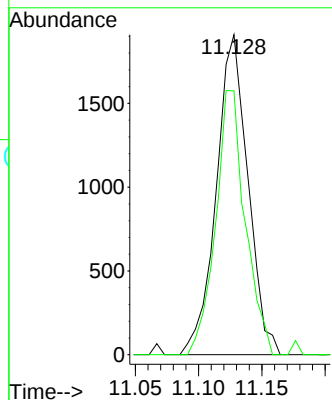
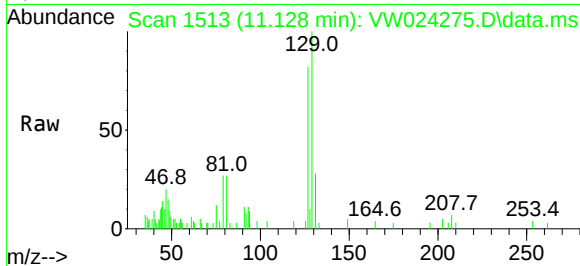
MDL-SOIL-QT2-2022-03

Tgt Ion:129 Resp: 3322

Ion Ratio Lower Upper

129 100

127 82.5 52.3 97.1



#50

1,2-Dibromoethane

Concen: 1.068 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

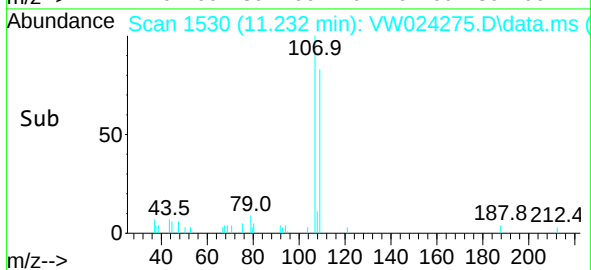
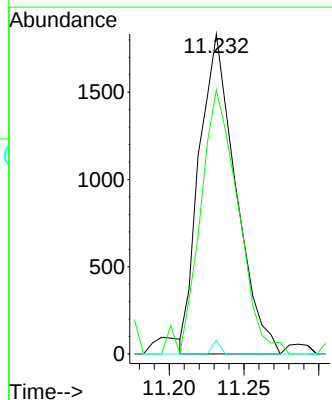
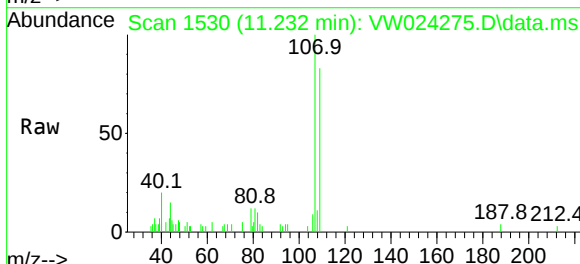
Tgt Ion:107 Resp: 3108

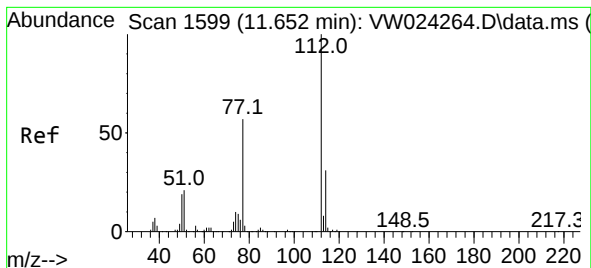
Ion Ratio Lower Upper

107 100

109 82.6 64.0 119.0

188 4.3 3.1 4.7





#51

Chlorobenzene

Concen: 1.044 ug/L

RT: 11.652 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-03

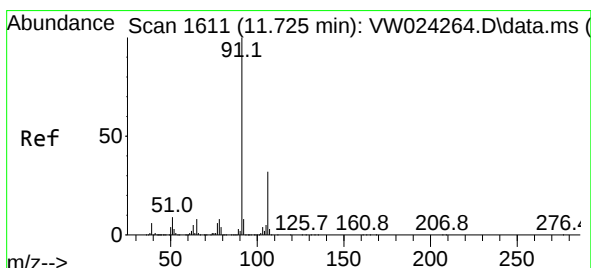
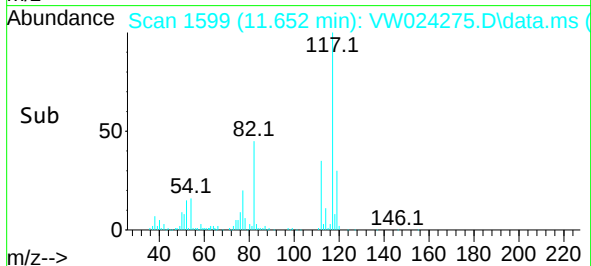
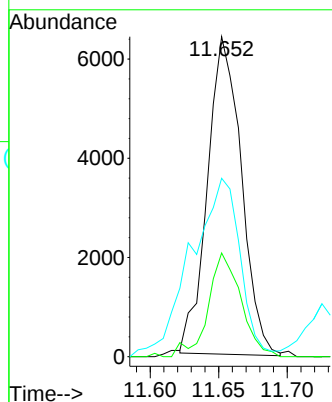
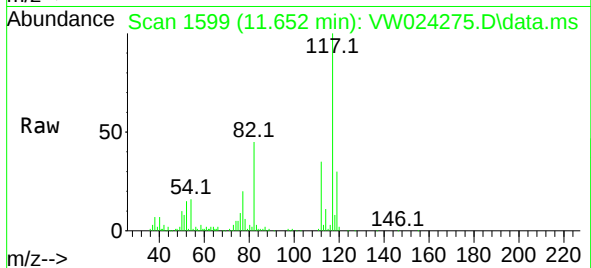
Tgt Ion:112 Resp: 11050

Ion Ratio Lower Upper

112 100

114 32.4 20.7 38.5

77 55.8 41.4 62.2



#52

Ethylbenzene

Concen: 0.888 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.006 min

Lab File: VW024275.D

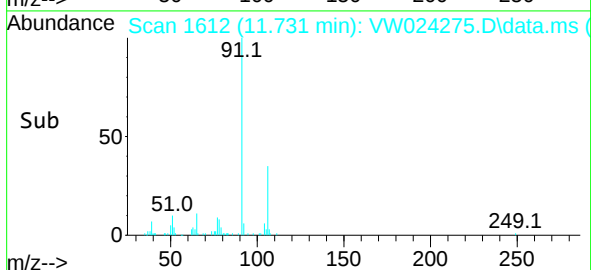
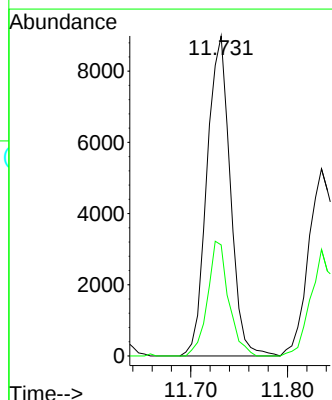
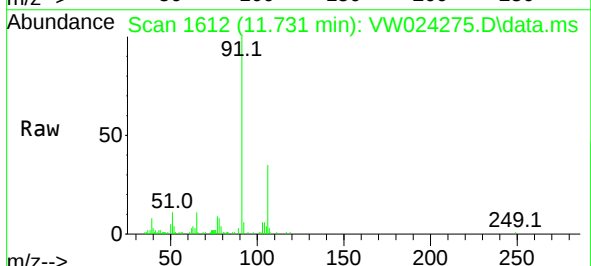
Acq: 18 Aug 2022 15:22

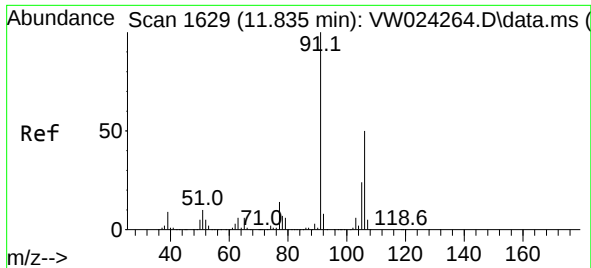
Tgt Ion: 91 Resp: 15078

Ion Ratio Lower Upper

91 100

106 34.7 21.9 40.7

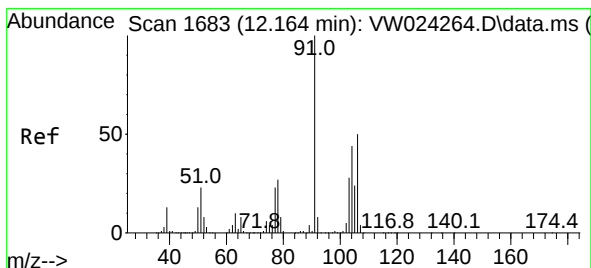
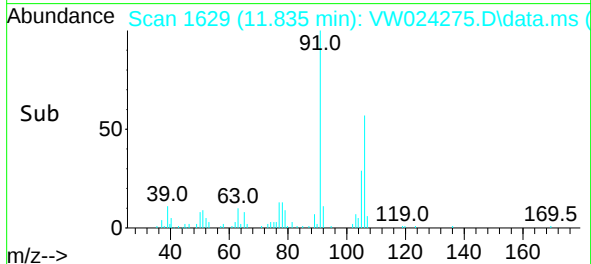
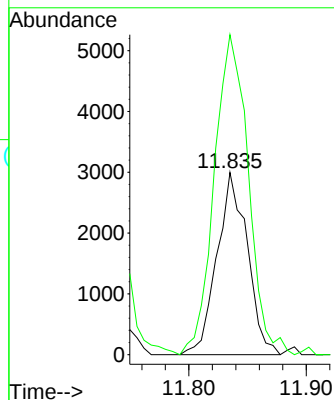
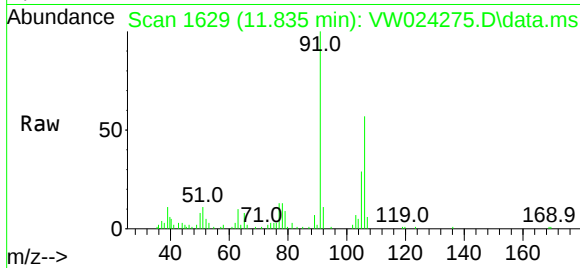




#53
m,p-Xylene
Concen: 0.813 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

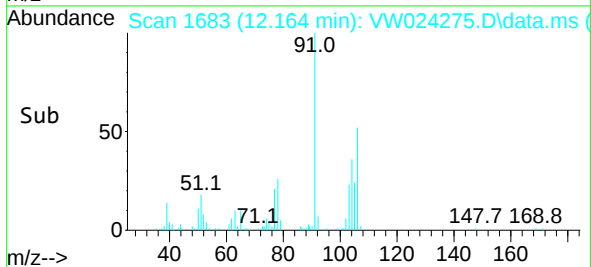
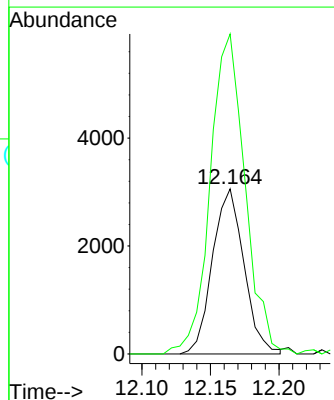
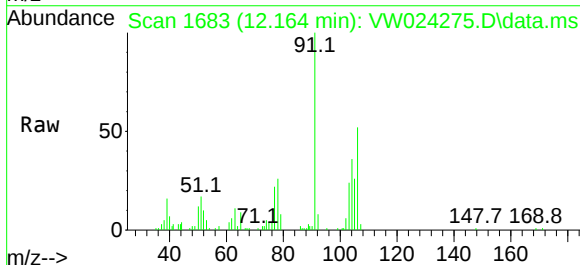
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03

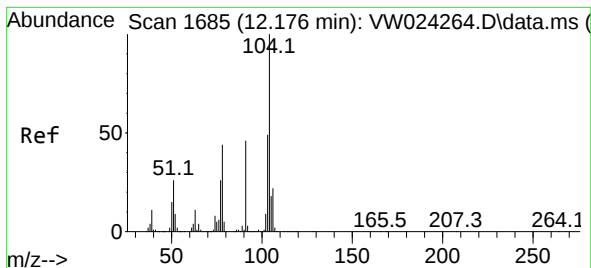
Tgt Ion:106 Resp: 5376
Ion Ratio Lower Upper
106 100
91 175.6 144.1 267.7



#54
o-Xylene
Concen: 0.783 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion:106 Resp: 4890
Ion Ratio Lower Upper
106 100
91 193.7 150.9 280.3





#55

Styrene

Concen: 0.727 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Instrument :

MSVOA_W

ClientSampleId :

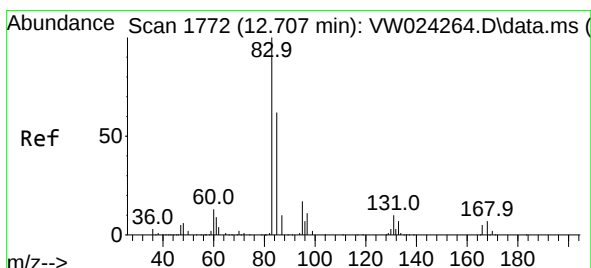
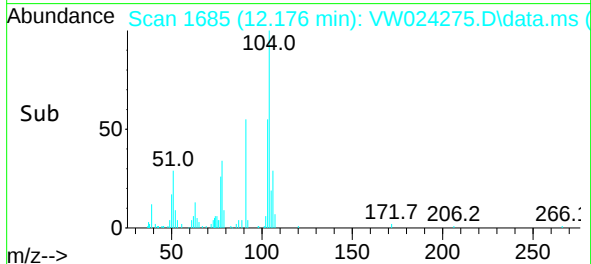
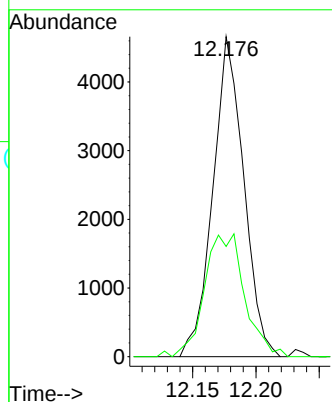
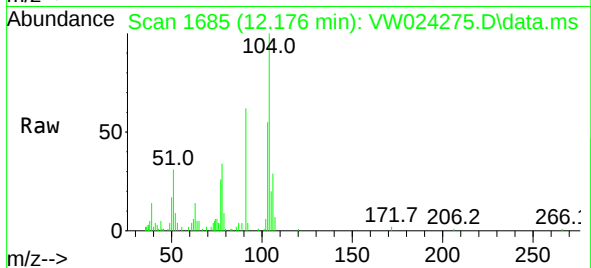
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Tgt Ion:104 Resp: 7897

Ion Ratio Lower Upper

104 100

78 34.4 31.1 57.7



#57

1,1,2,2-Tetrachloroethane

Concen: 0.944 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

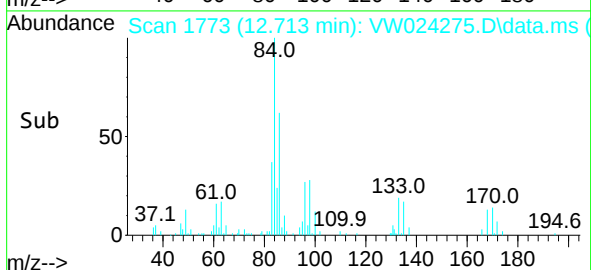
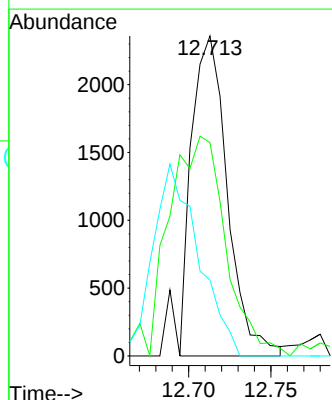
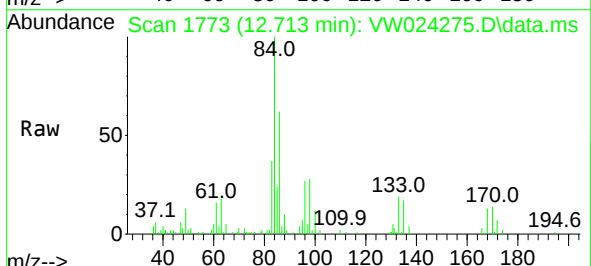
Tgt Ion: 83 Resp: 3586

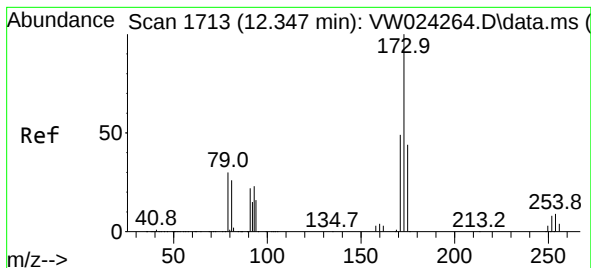
Ion Ratio Lower Upper

83 100

85 66.7 44.1 81.9

131 23.7 8.3 12.5#





#59

Bromoform

Concen: 0.975 ug/L

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

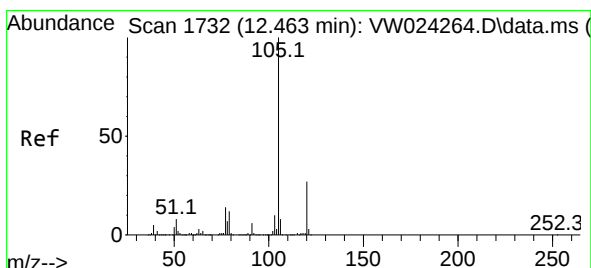
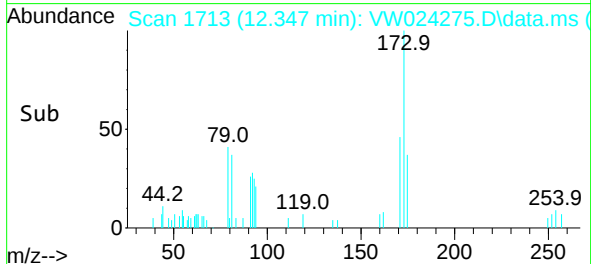
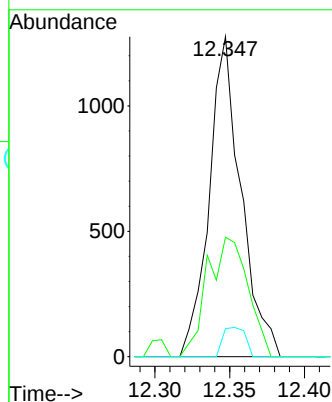
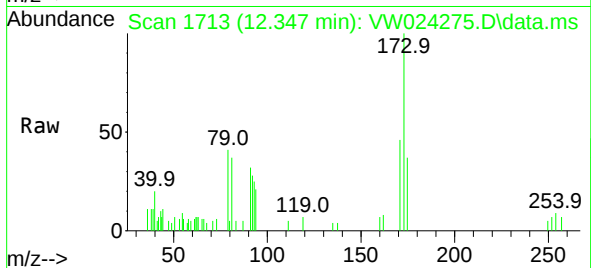
Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion:	173	Resp:	1885
Ion Ratio	Lower	Upper	
173	100		
175	47.8	39.0	58.6
254	6.5	6.8	10.2#



#60

Isopropylbenzene

Concen: 0.798 ug/L

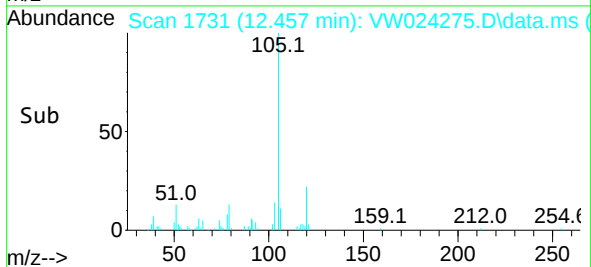
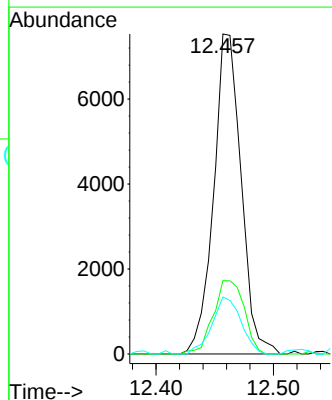
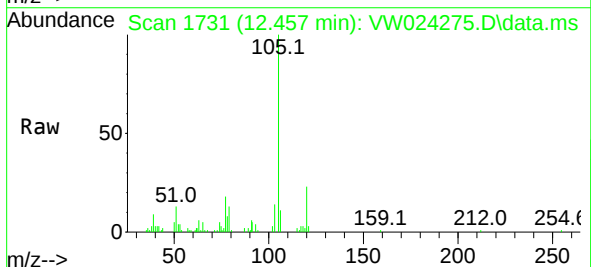
RT: 12.457 min Scan# 1731

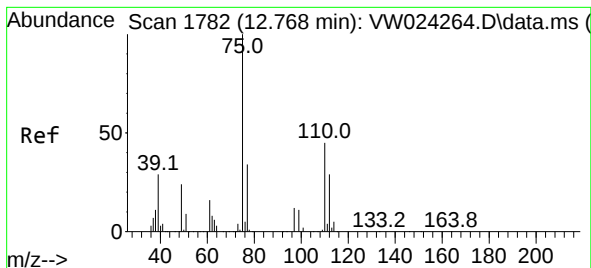
Delta R.T. -0.006 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Tgt Ion:	105	Resp:	12242
Ion Ratio	Lower	Upper	
105	100		
120	25.3	21.4	32.2
77	18.7	12.4	18.6#





#61

1,2,3-Trichloropropane

Concen: 1.118 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

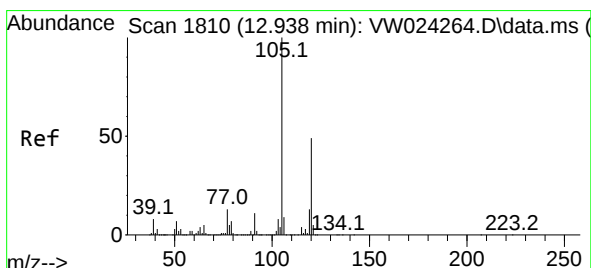
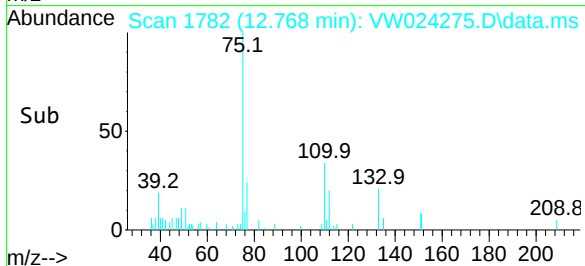
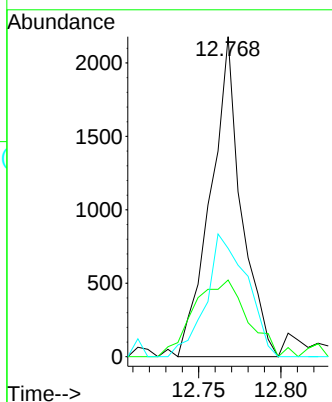
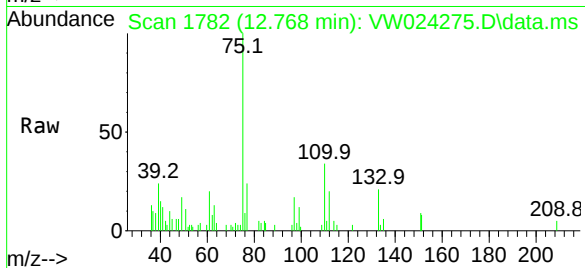
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-03

Tgt Ion:	75	Resp:	2821
Ion Ratio	Lower	Upper	
75	100		
77	41.7	26.2	39.4#
110	51.2	33.6	50.4#



#62

1,3,5-Trimethylbenzene

Concen: 0.748 ug/L

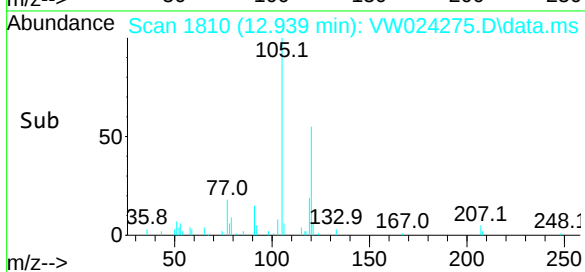
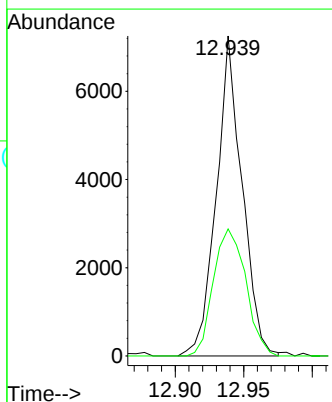
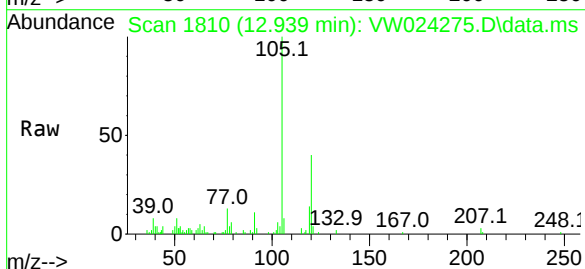
RT: 12.939 min Scan# 1810

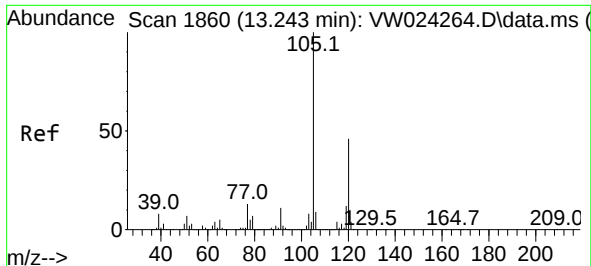
Delta R.T. 0.000 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

Tgt Ion:	105	Resp:	9478
Ion Ratio	Lower	Upper	
105	100		
120	50.0	39.7	59.5

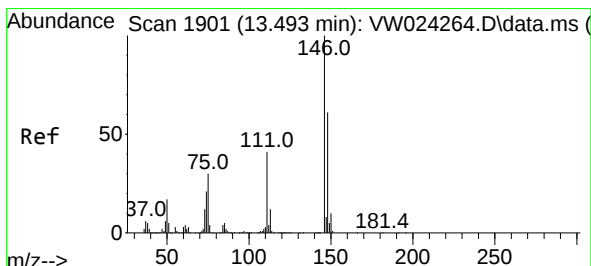
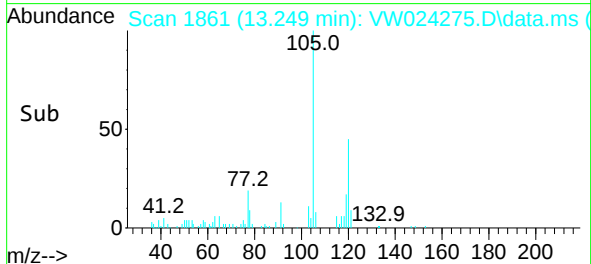
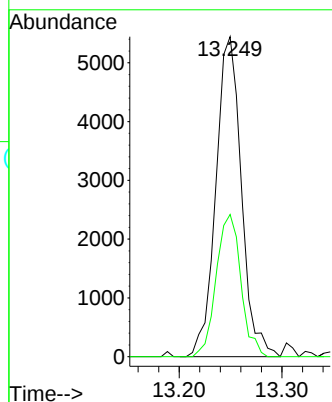
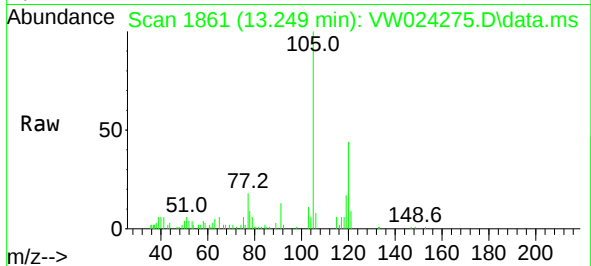




#63
1,2,4-Trimethylbenzene
Concen: 0.751 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

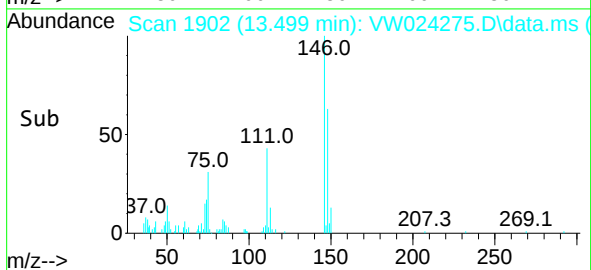
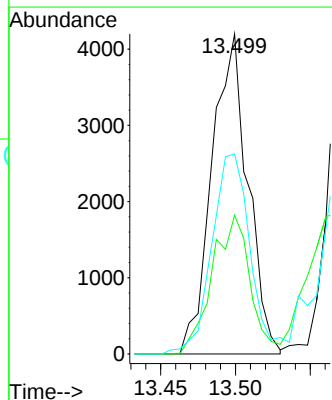
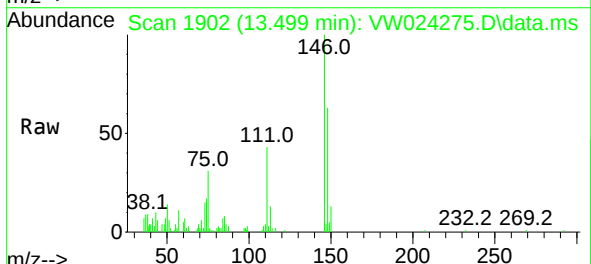
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03

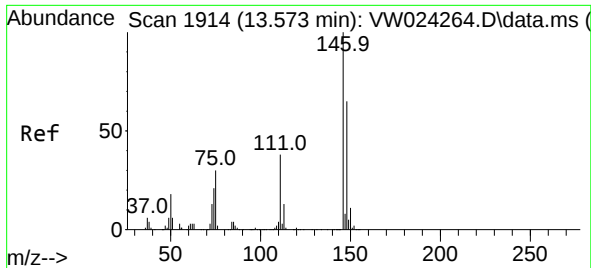
Tgt Ion:105 Resp: 9376
Ion Ratio Lower Upper
105 100
120 43.0 36.4 54.6



#64
1,3-Dichlorobenzene
Concen: 0.932 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion:146 Resp: 7003
Ion Ratio Lower Upper
146 100
111 43.3 28.0 52.0
148 62.5 46.5 86.3

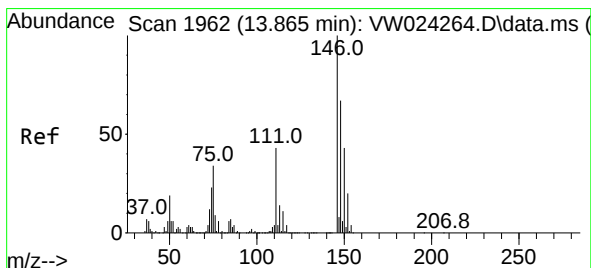
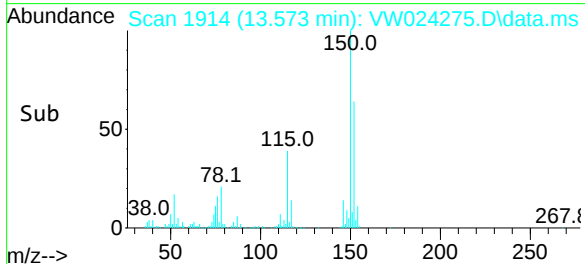
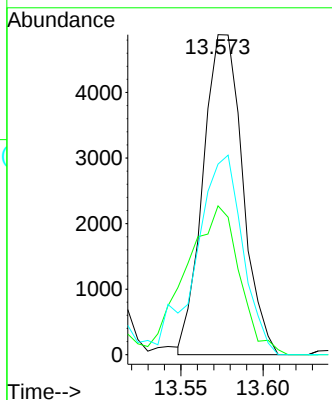
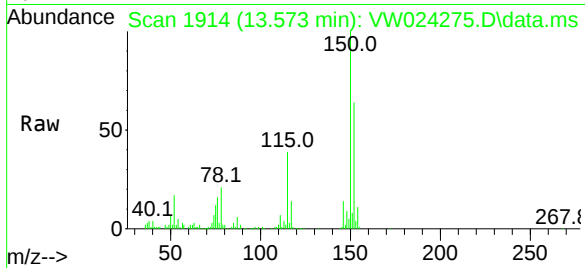




#65
1,4-Dichlorobenzene
Concen: 1.027 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

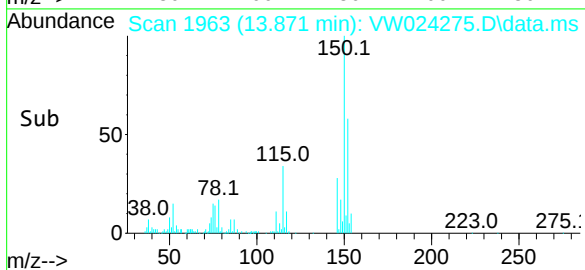
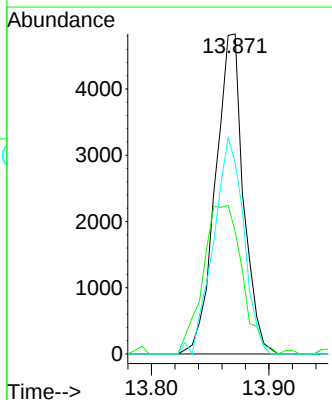
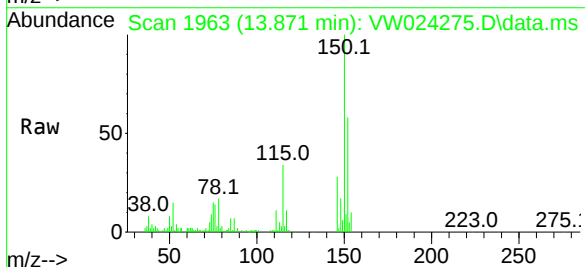
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03

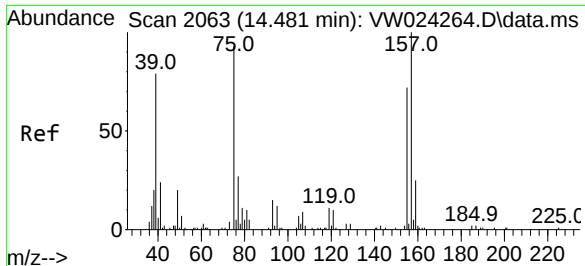
Tgt Ion:	146	Resp:	8168
Ion Ratio	Lower	Upper	
146	100		
111	46.5	27.6	51.4
148	59.5	40.5	75.3



#67
1,2-Dichlorobenzene
Concen: 1.121 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion:	146	Resp:	8001
Ion Ratio	Lower	Upper	
146	100		
111	38.3	29.0	43.6
148	59.8	47.8	71.8

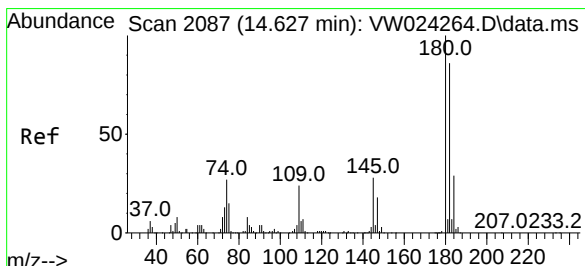
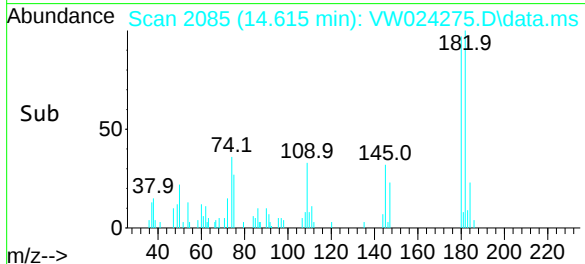
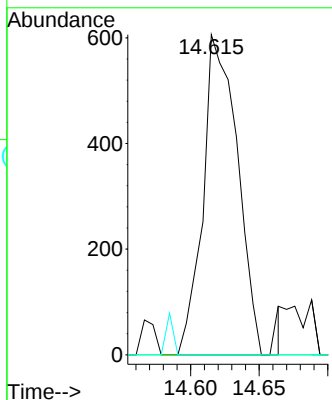
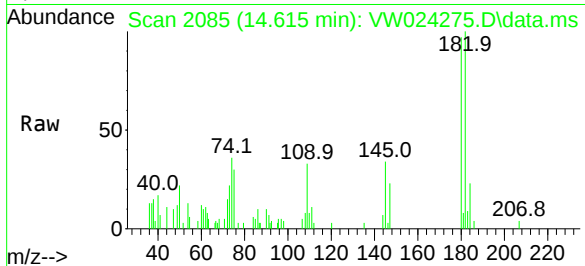




#68
1,2-Dibromo-3-chloropropane
Concen: 1.850 ug/L
RT: 14.615 min Scan# 2085
Delta R.T. 0.134 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

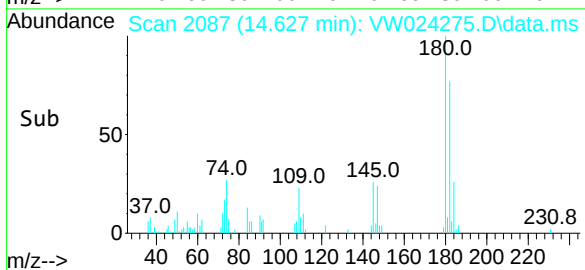
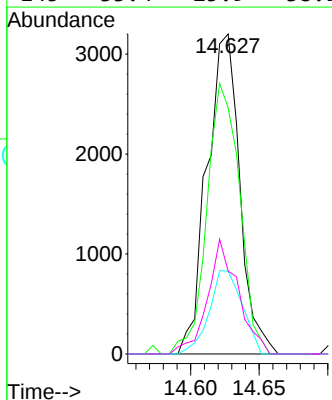
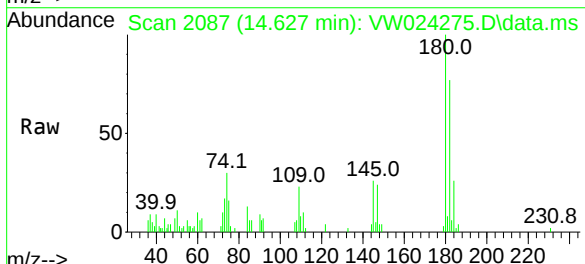
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-03

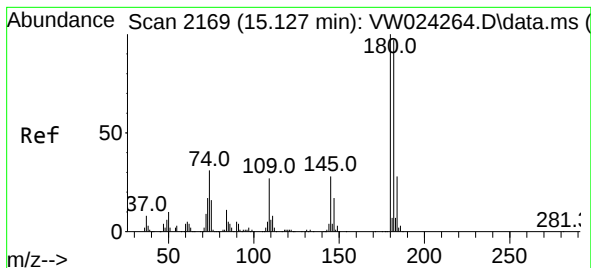
Tgt Ion: 75 Resp: 1090
Ion Ratio Lower Upper
75 100
155 0.0 68.8 103.2#
157 0.0 91.5 137.3#



#69
1,3,5-Trichlorobenzene
Concen: 1.081 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW024275.D
Acq: 18 Aug 2022 15:22

Tgt Ion: 180 Resp: 5324
Ion Ratio Lower Upper
180 100
182 84.6 78.4 117.6
184 26.3 24.7 37.1
145 33.4 25.9 38.9





#70

1,2,4-trichlorobenzene

Concen: 0.850 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024275.D

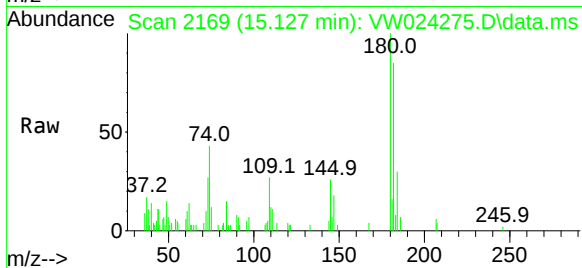
Acq: 18 Aug 2022 15:22

Instrument :

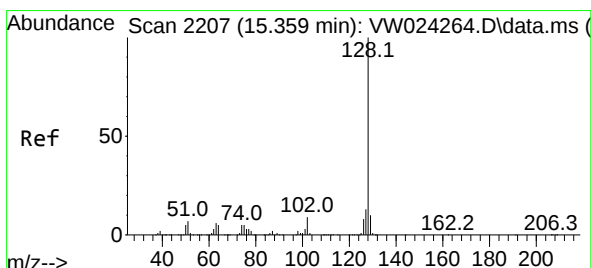
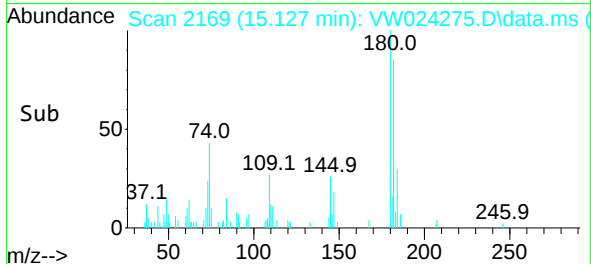
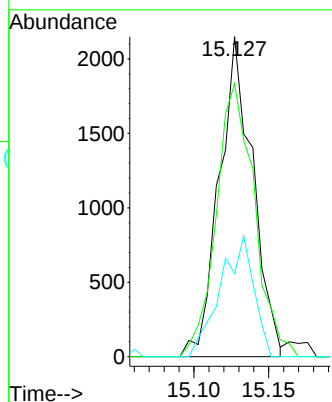
MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-03



Tgt Ion:	180	Resp:	3353
Ion Ratio	Lower	Upper	
180	100		
182	96.7	75.0	112.4
145	37.5	25.1	37.7



#71

Naphthalene

Concen: 0.750 ug/L

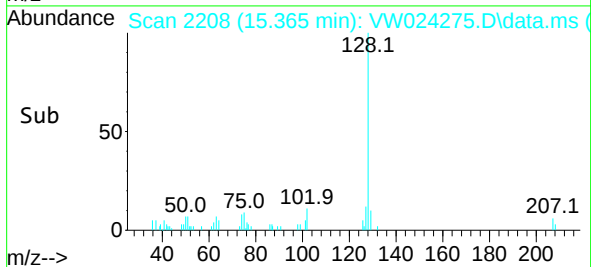
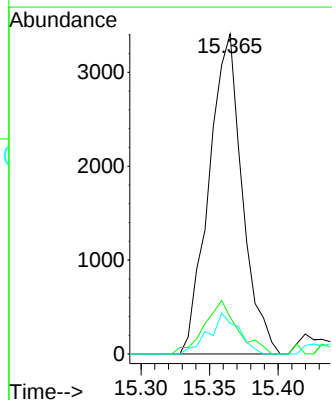
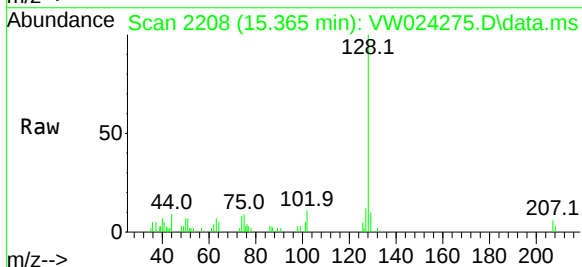
RT: 15.365 min Scan# 2208

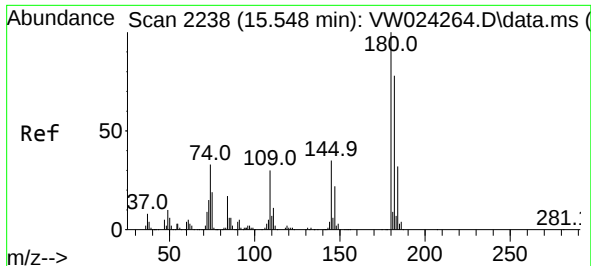
Delta R.T. 0.006 min

Lab File: VW024275.D

Acq: 18 Aug 2022 15:22

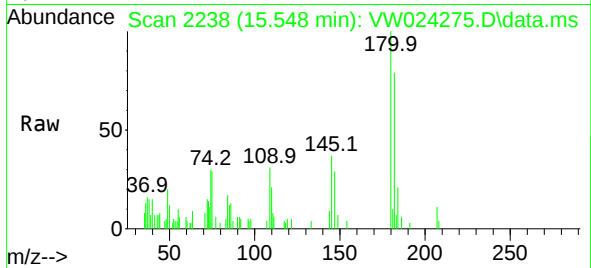
Tgt Ion:	128	Resp:	5763
Ion Ratio	Lower	Upper	
128	100		
127	16.7	10.7	16.1#
129	11.5	8.8	13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.857 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW024275.D
 Acq: 18 Aug 2022 15:22

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2022-03



Tgt Ion:	180	Resp:	3080
Ion	Ratio	Lower	Upper
180	100		
182	92.4	75.4	113.2
145	35.8	26.9	40.3

