

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
 Data File : VW024276.D
 Acq On : 18 Aug 2022 15:47
 Operator : SY/VA
 Sample : N3670-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2022-04

Quant Time: Aug 18 21:05:49 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	253647	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	256817	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	130209	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	109959	20.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
7) Chloroethane-d5	2.873	69	78385	23.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.920%
11) 1,1-Dichloroethene-d2	4.007	63	90792	15.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.120%
21) 2-Butanone-d5	7.080	46	57772	58.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.140%
24) Chloroform-d	7.647	84	179996	23.453	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	8.214	65	78	0.018	ug/L	-0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.275	84	337459	22.280	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.120%
36) 1,2-Dichloropropane-d6	9.274	67	103700	23.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	10.323	98	293524	20.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.920%
43) trans-1,3-Dichloroprop...	10.579	79	44180	22.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.240%
47) 2-Hexanone-d5	10.921	63	44392	53.744	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.480%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	108468	25.000	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	120492	25.288	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	2402	1.076	ug/L	96
5) Vinyl chloride	2.349	62	7215	1.238	ug/L #	44
12) 1,1-Dichloroethene	4.025	96	3220	1.056	ug/L #	1
13) Acetone	4.123	43	2768	3.812	ug/L	99
14) Carbon disulfide	4.379	76	10134	1.039	ug/L #	91
16) Methylene chloride	4.915	84	22440	5.017	ug/L	99
19) 1,1-Dichloroethane	6.202	63	7570	1.220	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	4146	1.072	ug/L #	52
23) Bromochloromethane	7.507	128	2295	1.192	ug/L #	74
25) Chloroform	7.665	83	5236	0.766	ug/L	93
27) 1,2-Dichloroethane	8.397	62	5786	1.258	ug/L #	81
29) Cyclohexane	7.952	56	4423	0.840	ug/L #	89
30) 1,1,1-Trichloroethane	7.866	97	6354	1.097	ug/L	97
33) Benzene	8.323	78	16014	1.056	ug/L	100
34) Trichloroethene	9.085	95	4464	1.113	ug/L	90
35) Methylcyclohexane	9.329	83	5483	0.872	ug/L	90
37) 1,2-Dichloropropane	9.366	63	3859	1.029	ug/L #	90
38) Bromodichloromethane	9.646	83	5591	1.063	ug/L	91
39) cis-1,3-Dichloropropene	10.067	75	5384	0.976	ug/L	88

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

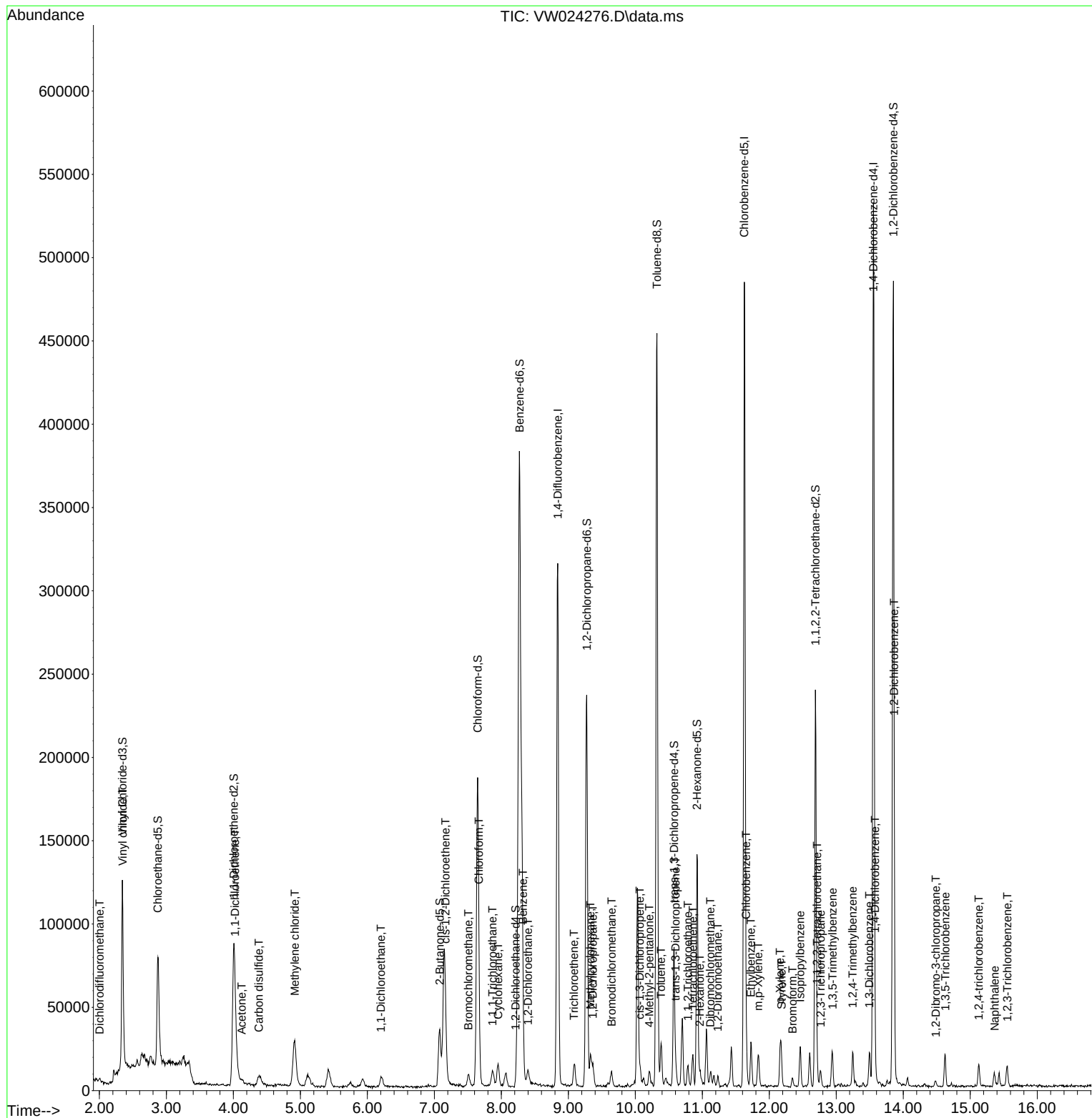
40) 4-Methyl-2-pentanone	10.207	43	5850	2.351	ug/L #	93
42) Toluene	10.384	91	17400	1.080	ug/L	98
44) trans-1,3-Dichloropropene	10.597	75	7970	1.581	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	3592	1.137	ug/L	93
46) Tetrachloroethene	10.860	164	3888	1.198	ug/L	92
48) 2-Hexanone	10.963	43	4319	2.557	ug/L #	93
49) Dibromochloromethane	11.122	129	3930	1.033	ug/L	87
50) 1,2-Dibromoethane	11.231	107	2997	0.990	ug/L #	95
51) Chlorobenzene	11.652	112	11652	1.058	ug/L	90
52) Ethylbenzene	11.725	91	16270	0.921	ug/L	96
53) m,p-Xylene	11.835	106	5851	0.851	ug/L	95
54) o-Xylene	12.158	106	5439	0.838	ug/L	85
55) Styrene	12.182	104	8217	0.728	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	5034	1.275	ug/L #	88
59) Bromoform	12.347	173	2008	1.011	ug/L	97
60) Isopropylbenzene	12.463	105	13036	0.827	ug/L #	96
61) 1,2,3-Trichloropropane	12.768	75	3374	1.302	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	10528	0.808	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	9854	0.768	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	7284	0.944	ug/L	86
65) 1,4-Dichlorobenzene	13.579	146	8521	1.043	ug/L #	78
67) 1,2-Dichlorobenzene	13.865	146	8362	1.141	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	14.487	75	1280	2.114	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	5476	1.082	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	3759	0.927	ug/L #	96
71) Naphthalene	15.365	128	6666	0.844	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.554	180	3153	0.854	ug/L	88

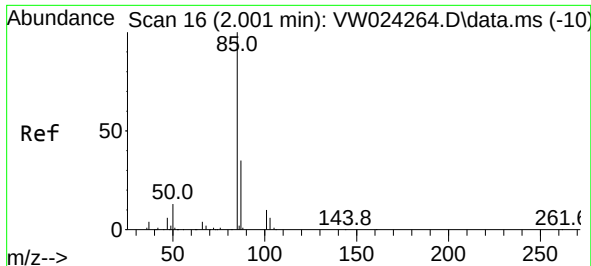
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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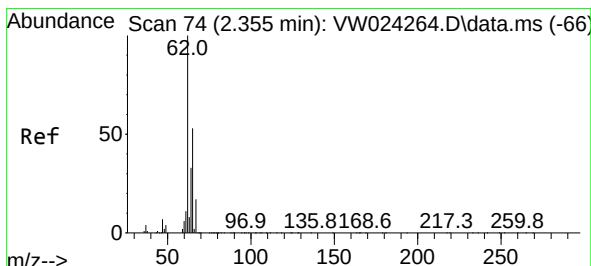
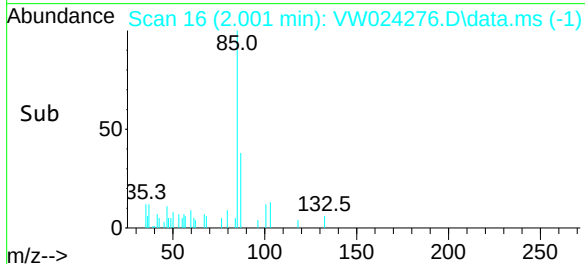
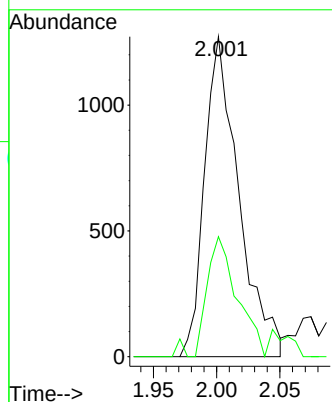
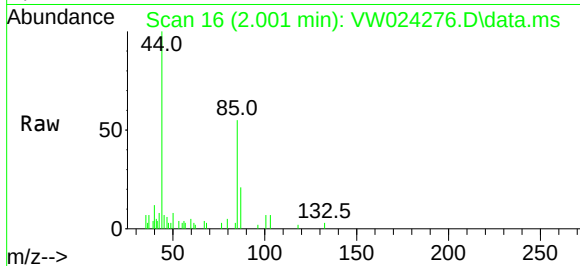




#2
Dichlorodifluoromethane
Concen: 1.076 ug/L
RT: 2.001 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

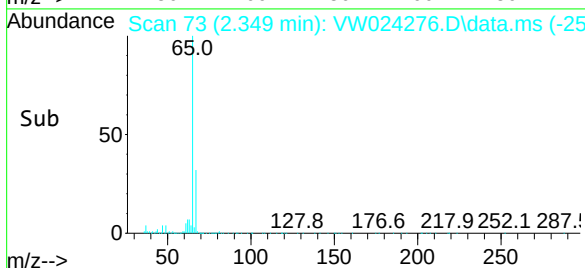
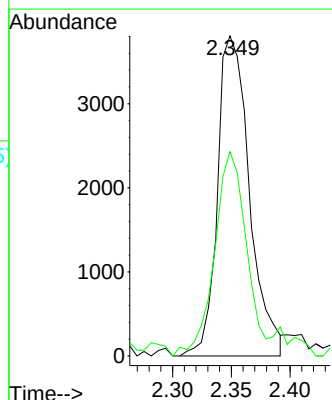
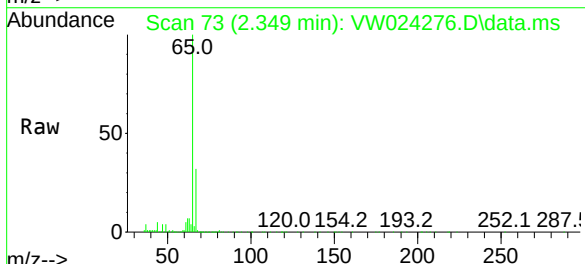
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-04

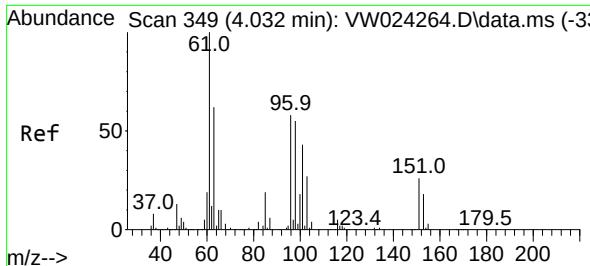
Tgt Ion: 85 Resp: 2402
Ion Ratio Lower Upper
85 100
87 32.7 24.5 36.7



#5
Vinyl chloride
Concen: 1.238 ug/L
RT: 2.349 min Scan# 73
Delta R.T. -0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt Ion: 62 Resp: 7215
Ion Ratio Lower Upper
62 100
64 63.9 22.7 42.3#





#12

1,1-Dichloroethene

Concen: 1.056 ug/L

RT: 4.025 min Scan# 34

Delta R.T. -0.006 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

Instrument :

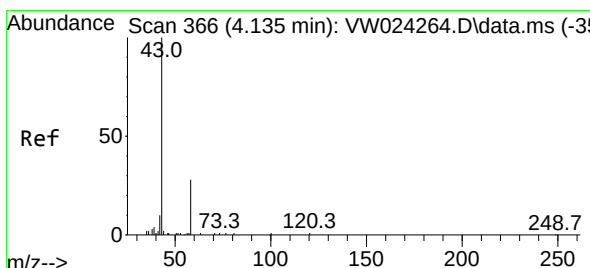
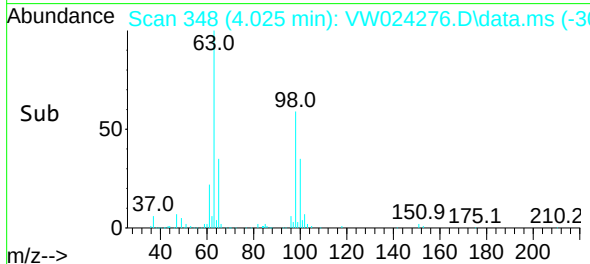
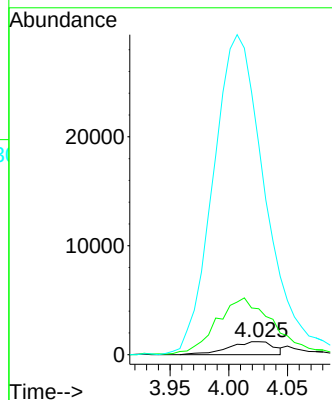
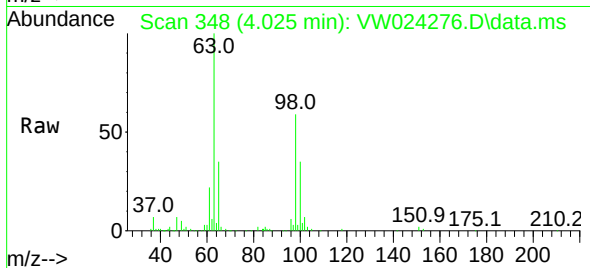
MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-04

Tgt Ion: 96 Resp: 3220

Ion	Ratio	Lower	Upper
96	100		
61	352.4	123.1	228.5#
63	1614.7	84.9	157.7#



#13

Acetone

Concen: 3.812 ug/L

RT: 4.123 min Scan# 364

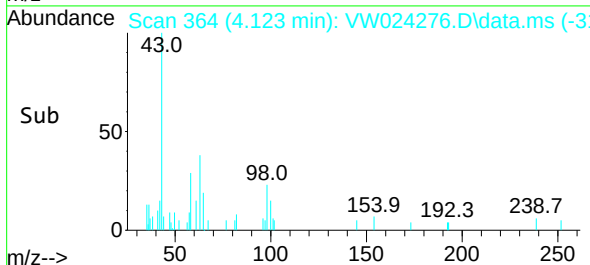
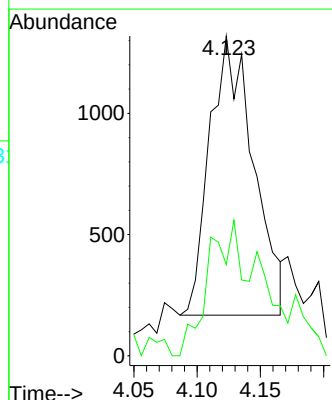
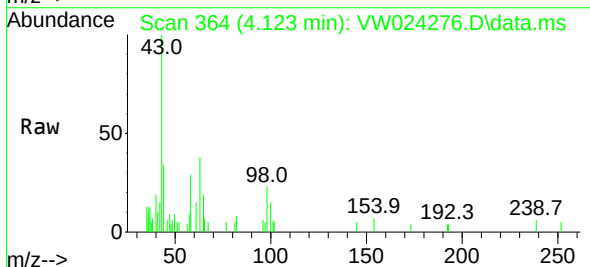
Delta R.T. -0.012 min

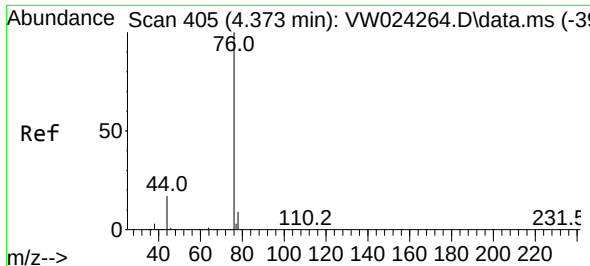
Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

Tgt Ion: 43 Resp: 2768

Ion	Ratio	Lower	Upper
43	100		
58	15.6	0.0	31.8

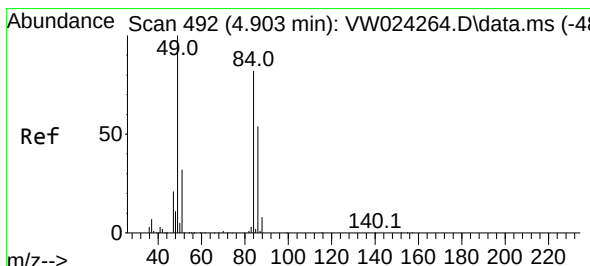
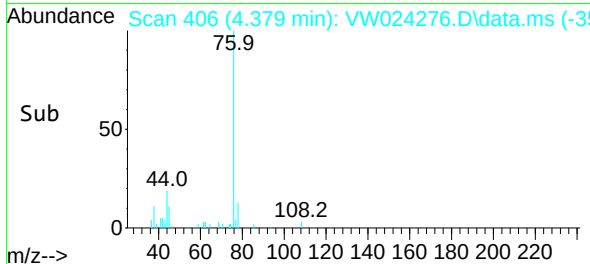
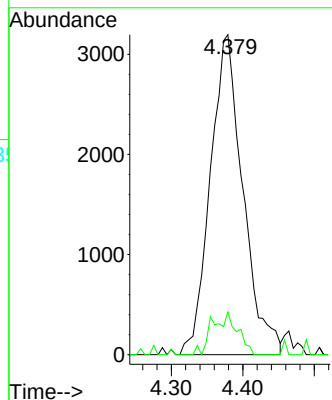
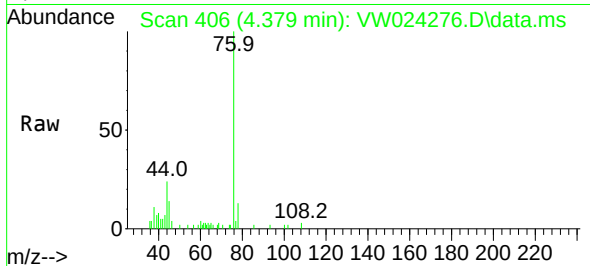




#14
Carbon disulfide
Concen: 1.039 ug/L
RT: 4.379 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

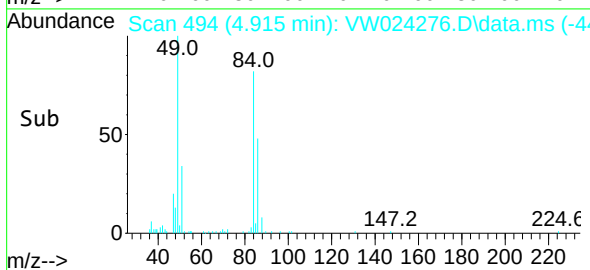
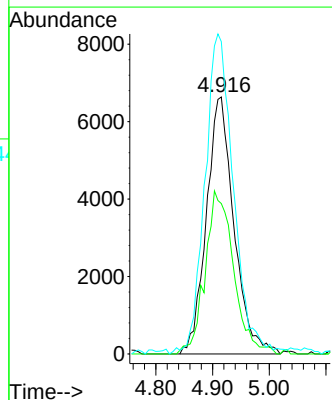
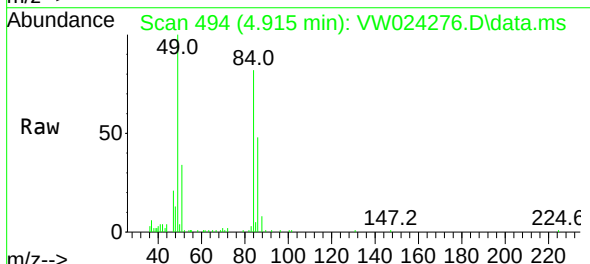
Instrument :
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MDL-SOIL-QT2-2022-04

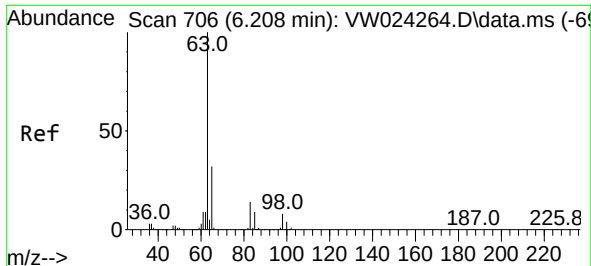
Tgt Ion: 76 Resp: 10134
Ion Ratio Lower Upper
76 100
78 13.4 7.9 11.9#



#16
Methylene chloride
Concen: 5.017 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.012 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt Ion: 84 Resp: 22440
Ion Ratio Lower Upper
84 100
86 58.5 42.8 79.6
49 121.6 85.3 158.3





#19

1,1-Dichloroethane

Concen: 1.220 ug/L

RT: 6.202 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW024276.D

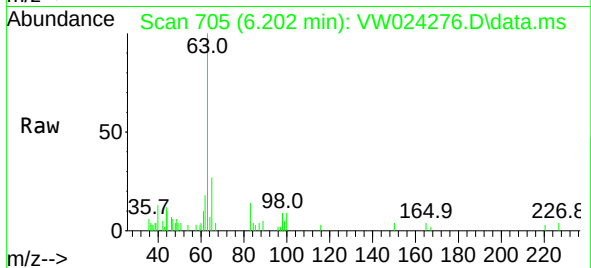
Acq: 18 Aug 2022 15:47

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-04



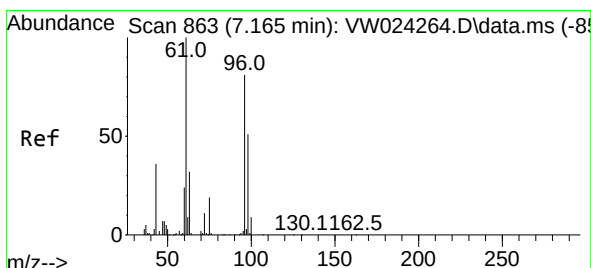
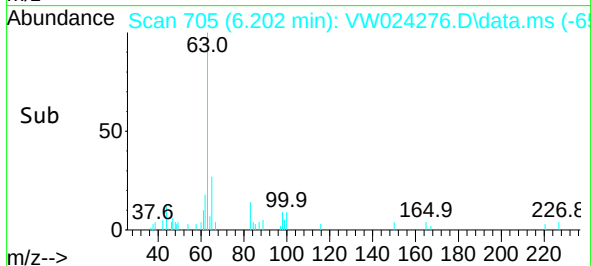
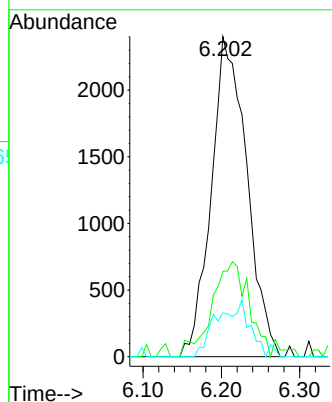
Tgt Ion: 63 Resp: 7570

Ion Ratio Lower Upper

63 100

65 26.7 22.0 41.0

83 13.7 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 1.072 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

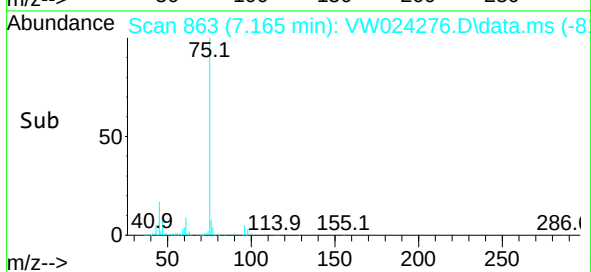
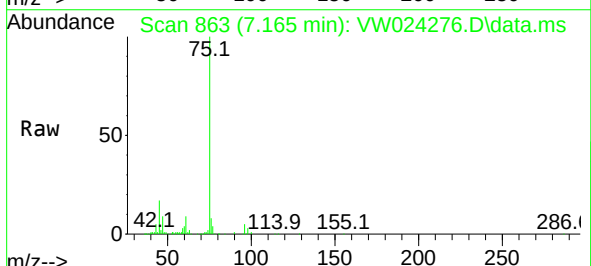
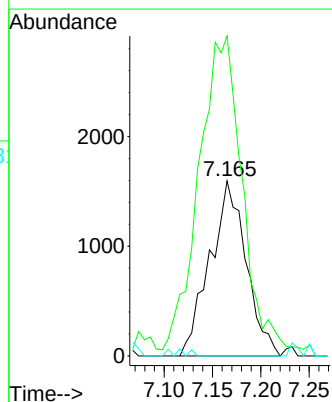
Tgt Ion: 96 Resp: 4146

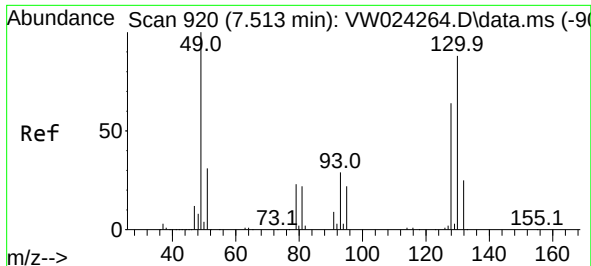
Ion Ratio Lower Upper

96 100

61 182.8 89.5 166.3#

68 0.0 0.1 0.1#

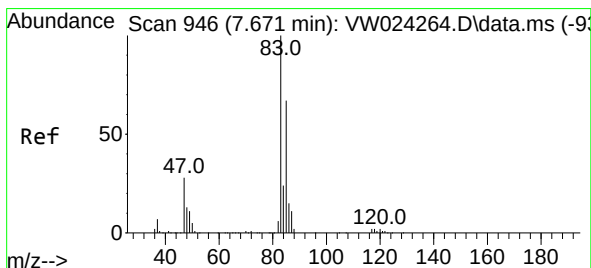
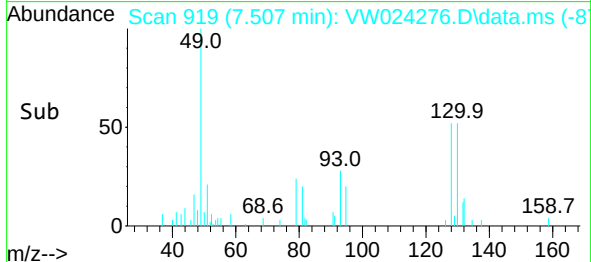
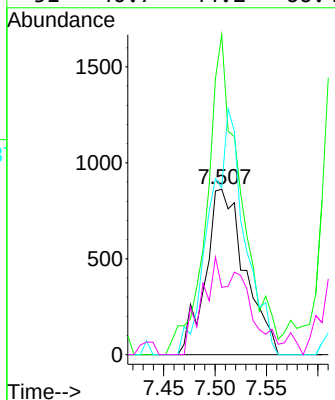
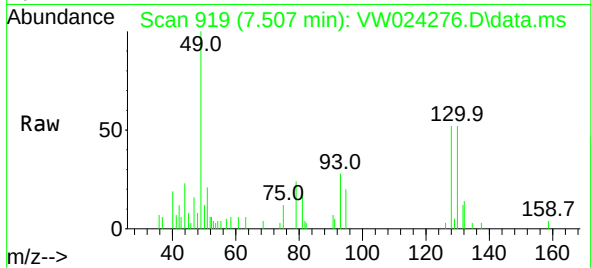




#23
Bromochloromethane
Concen: 1.192 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

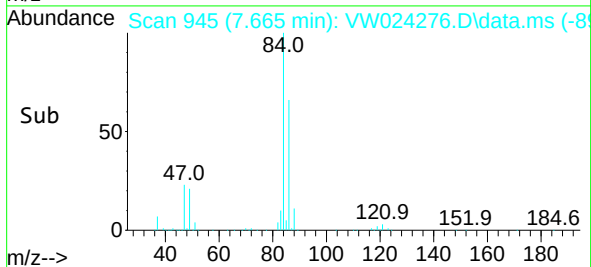
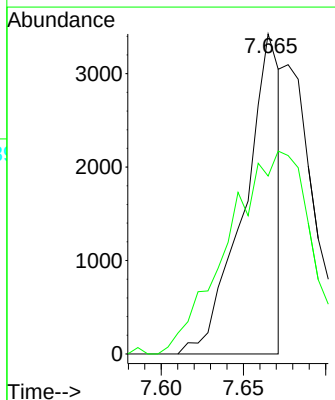
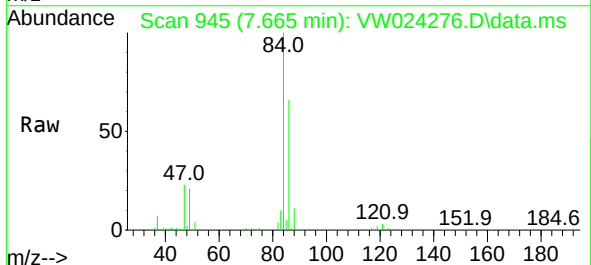
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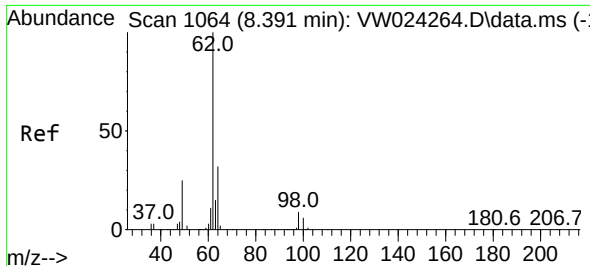
Tgt Ion:	128	Resp:	2295
Ion	Ratio	Lower	Upper
128	100		
49	193.5	106.6	198.0
130	101.0	88.1	163.5
51	40.7	44.2	66.4



#25
Chloroform
Concen: 0.766 ug/L
RT: 7.665 min Scan# 945
Delta R.T. -0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt Ion:	83	Resp:	5236
Ion	Ratio	Lower	Upper
83	100		
85	55.6	42.9	79.7





#27

1,2-Dichloroethane

Concen: 1.258 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

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ClientSampleId :

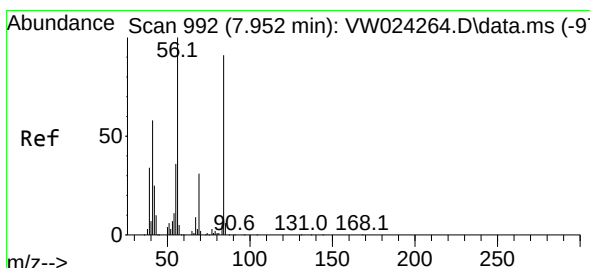
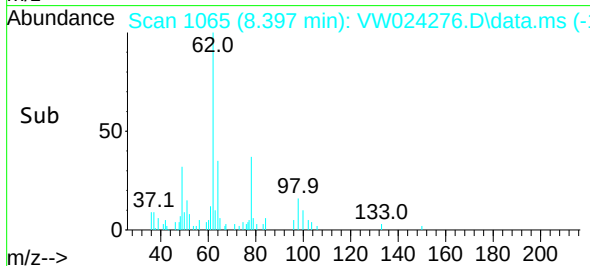
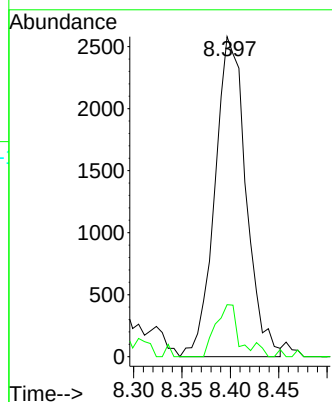
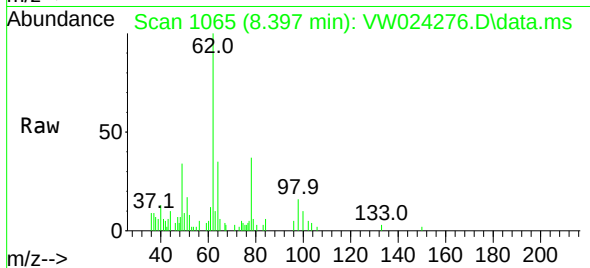
MDL-SOIL-QT2-2022-04

Tgt Ion: 62 Resp: 5786

Ion Ratio Lower Upper

62 100

98 16.3 7.4 11.0#



#29

Cyclohexane

Concen: 0.840 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

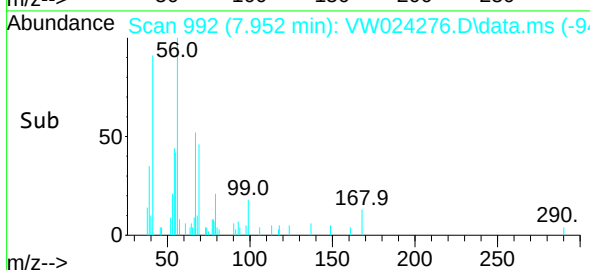
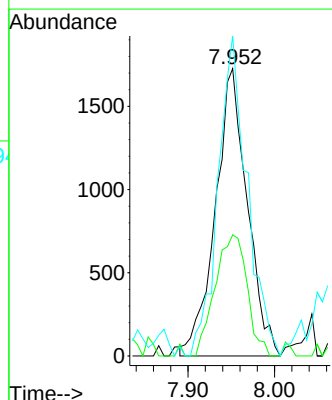
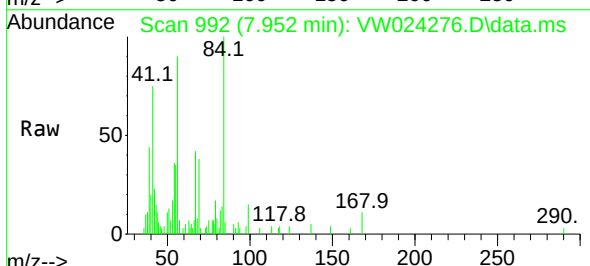
Tgt Ion: 56 Resp: 4423

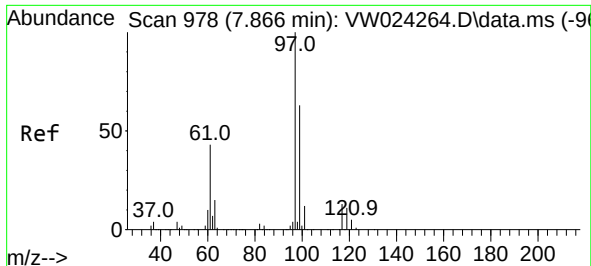
Ion Ratio Lower Upper

56 100

69 42.2 24.5 36.7#

84 101.3 75.5 113.3

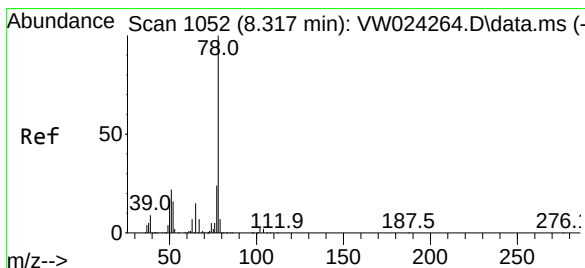
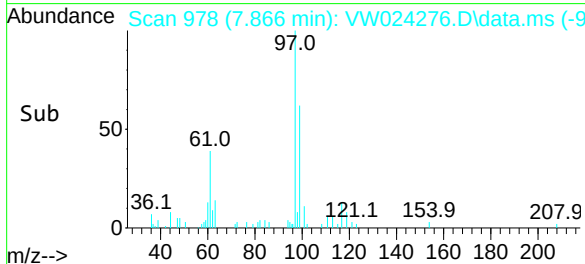
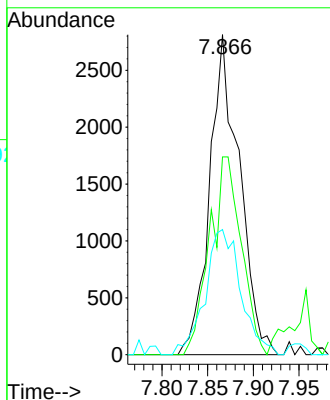
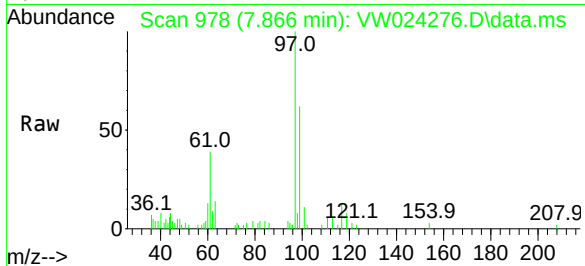




#30
1,1,1-Trichloroethane
Concen: 1.097 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

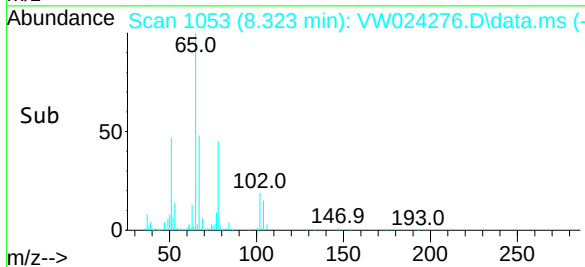
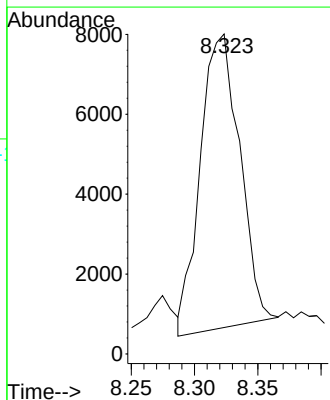
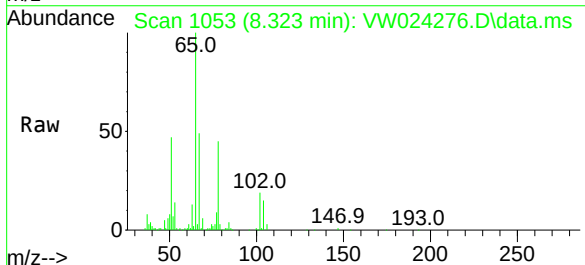
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-04

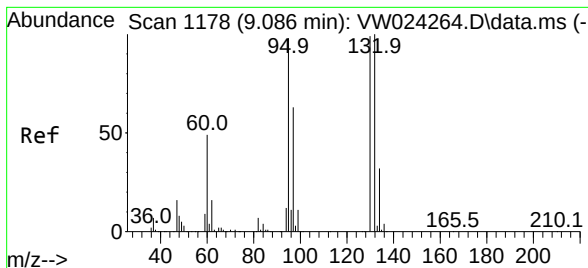
Tgt Ion: 97 Resp: 6354
Ion Ratio Lower Upper
97 100
99 65.6 51.0 76.6
61 47.1 36.2 54.2



#33
Benzene
Concen: 1.056 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt Ion: 78 Resp: 16014





#34

Trichloroethene

Concen: 1.113 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-04

Tgt Ion: 95 Resp: 4464

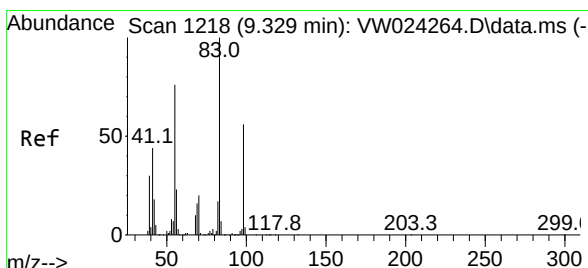
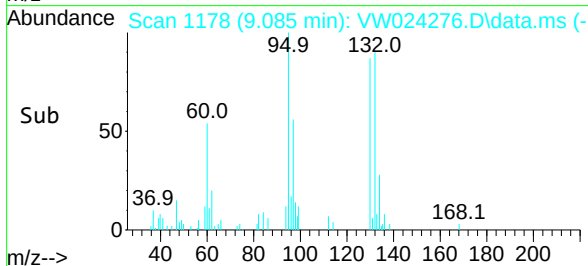
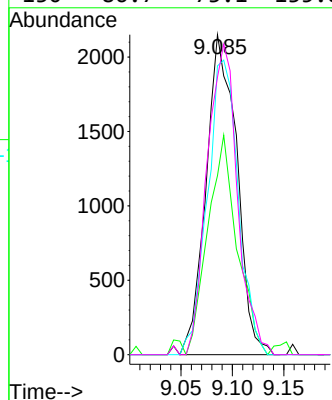
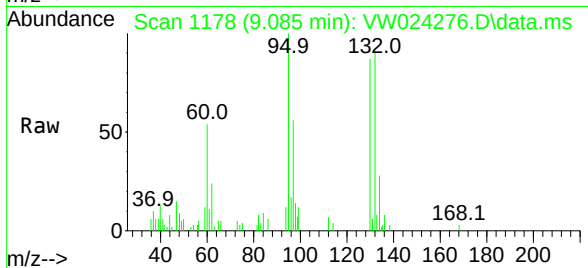
Ion Ratio Lower Upper

95 100

97 55.9 41.6 77.2

132 90.2 67.0 124.4

130 86.7 73.1 135.8



#35

Methylcyclohexane

Concen: 0.872 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

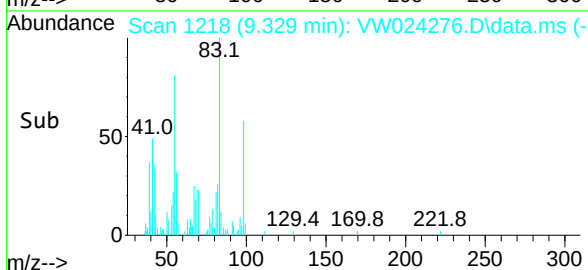
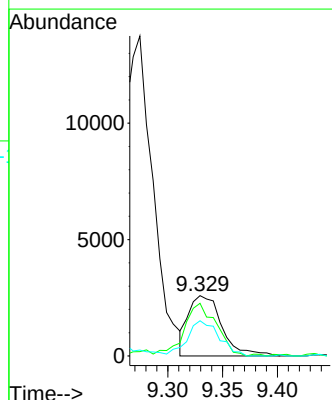
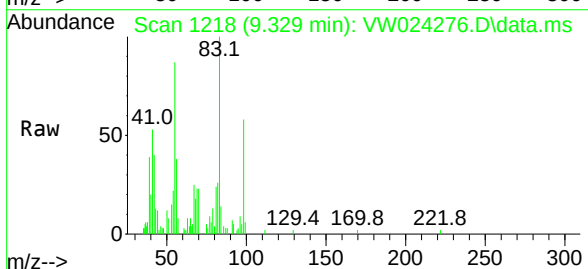
Tgt Ion: 83 Resp: 5483

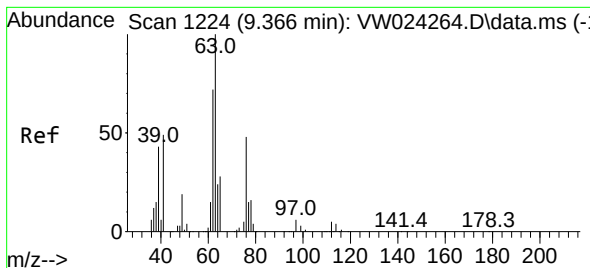
Ion Ratio Lower Upper

83 100

55 84.2 59.1 88.7

98 55.4 40.8 61.2





#37

1,2-Dichloropropane

Concen: 1.029 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

Instrument :

MSVOA_W

ClientSampleId :

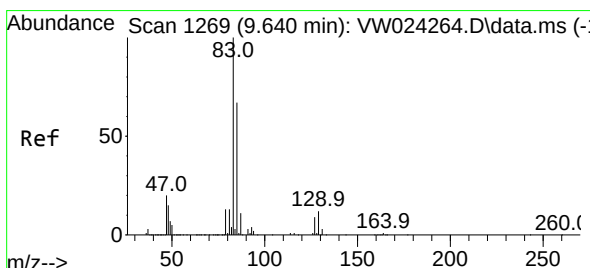
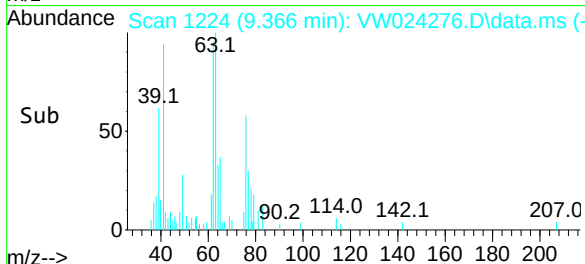
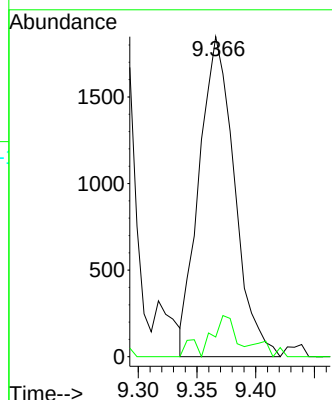
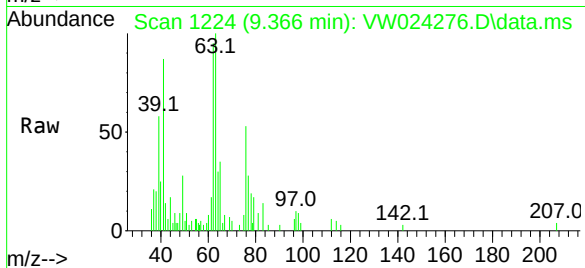
MDL-SOIL-QT2-2022-04

Tgt Ion: 63 Resp: 3859

Ion Ratio Lower Upper

63 100

112 8.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 1.063 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

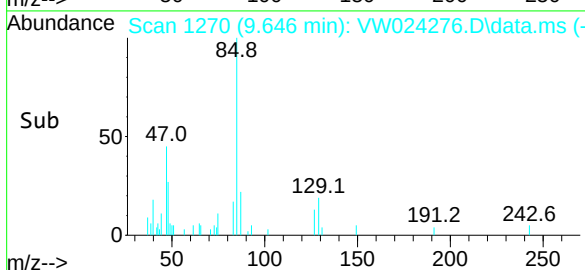
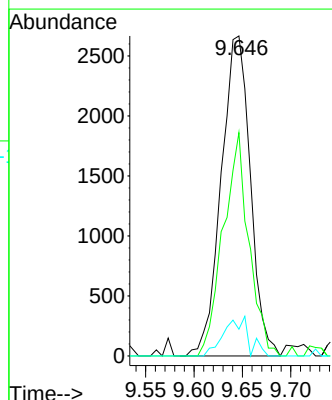
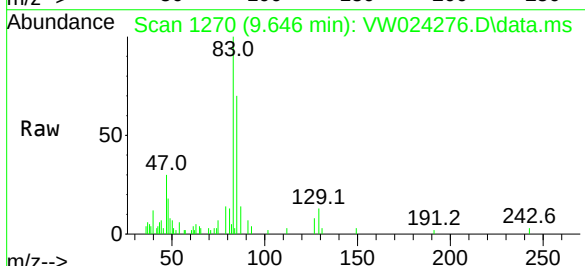
Tgt Ion: 83 Resp: 5591

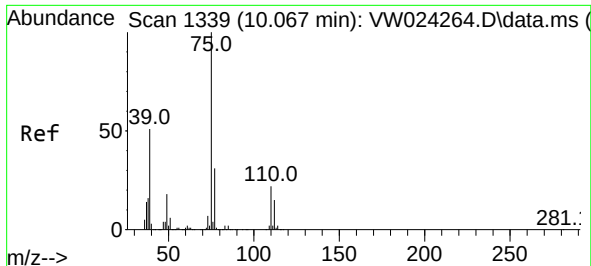
Ion Ratio Lower Upper

83 100

85 69.8 43.7 81.1

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.976 ug/L

RT: 10.067 min Scan# 1339

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

Instrument :

MSVOA_W

ClientSampleId :

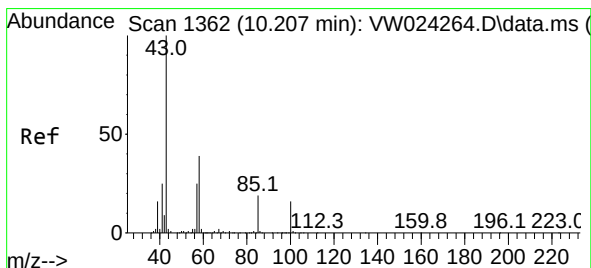
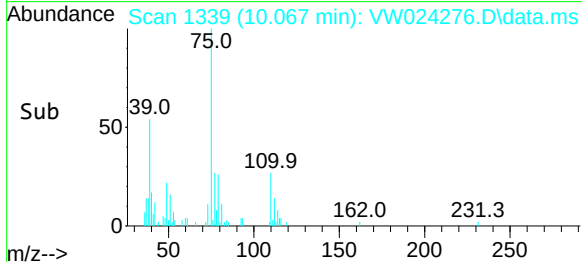
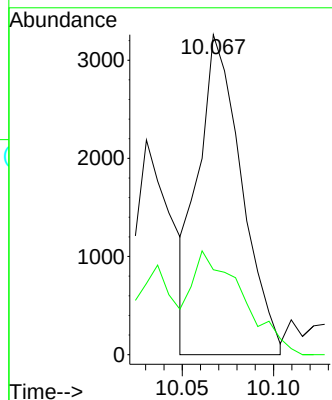
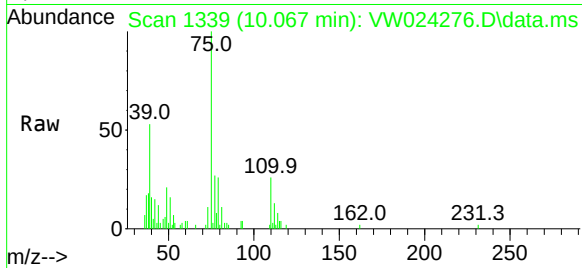
MDL-SOIL-QT2-2022-04

Tgt Ion: 75 Resp: 5384

Ion Ratio Lower Upper

75 100

77 26.5 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 2.351 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

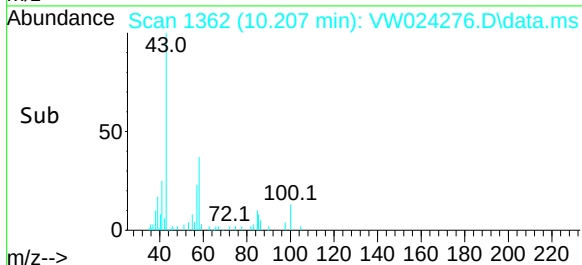
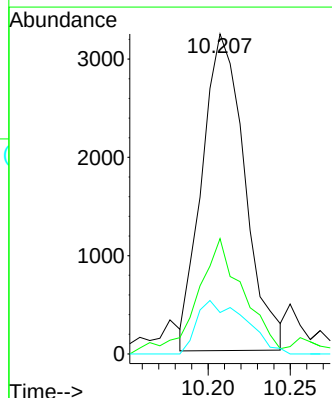
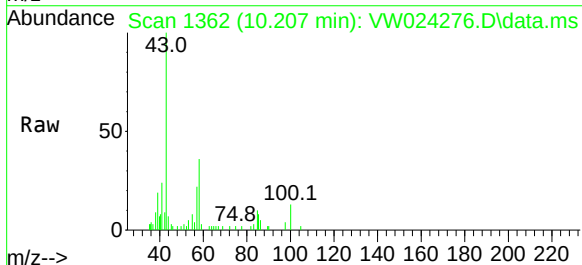
Tgt Ion: 43 Resp: 5850

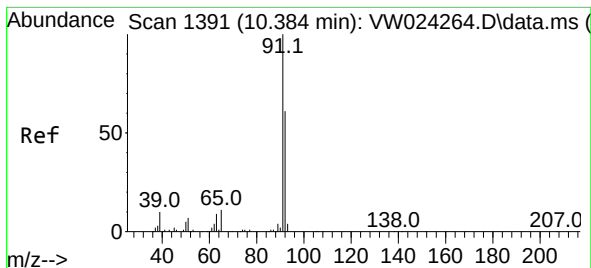
Ion Ratio Lower Upper

43 100

58 39.6 30.5 45.7

100 9.7 13.8 20.6





#42

Toluene

Concen: 1.080 ug/L

RT: 10.384 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

Instrument :

MSVOA_W

ClientSampleId :

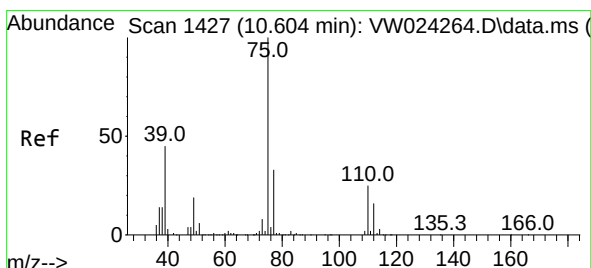
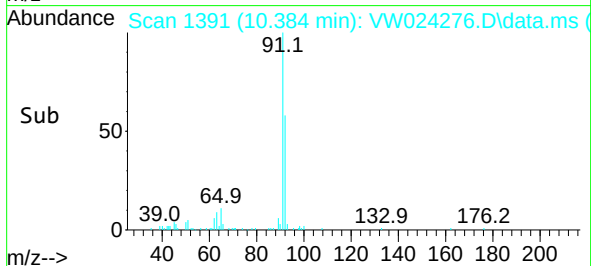
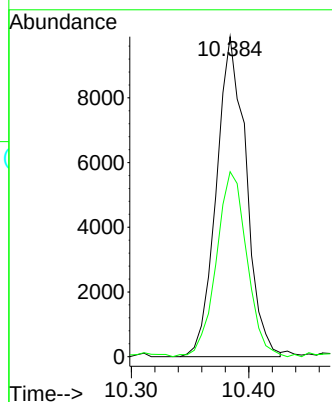
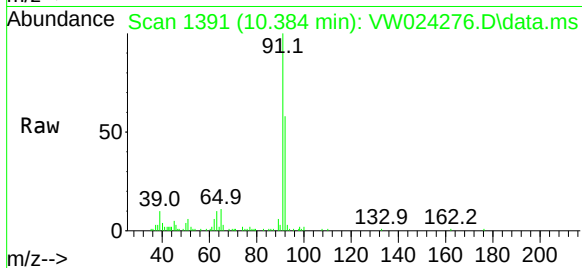
MDL-SOIL-QT2-2022-04

Tgt Ion: 91 Resp: 17400

Ion Ratio Lower Upper

91 100

92 57.8 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 1.581 ug/L

RT: 10.597 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VW024276.D

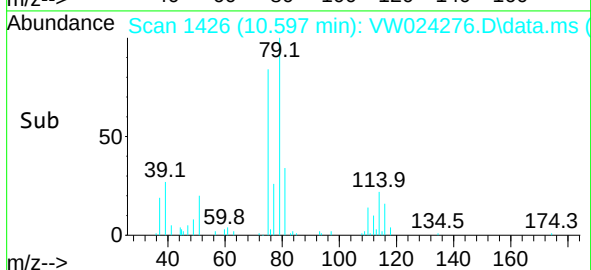
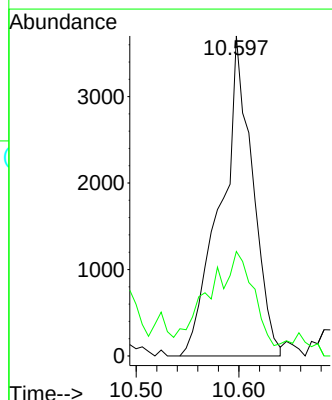
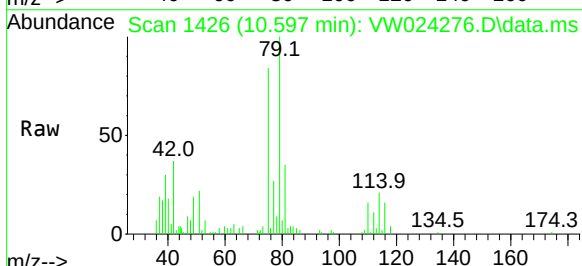
Acq: 18 Aug 2022 15:47

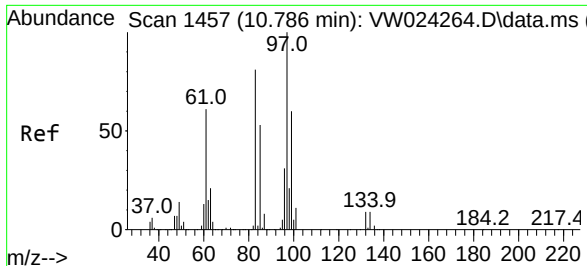
Tgt Ion: 75 Resp: 7970

Ion Ratio Lower Upper

75 100

77 32.7 22.4 41.6

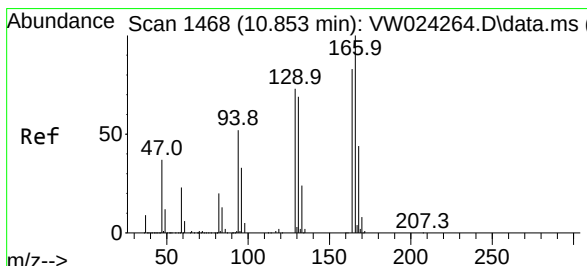
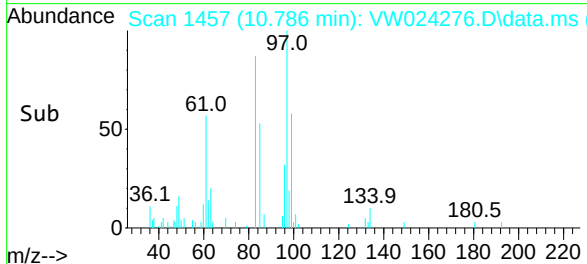
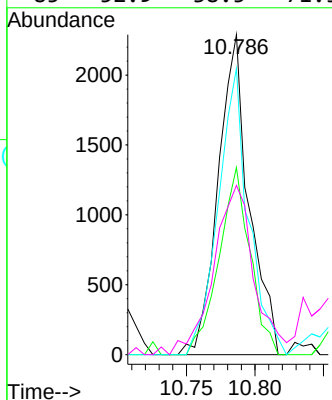
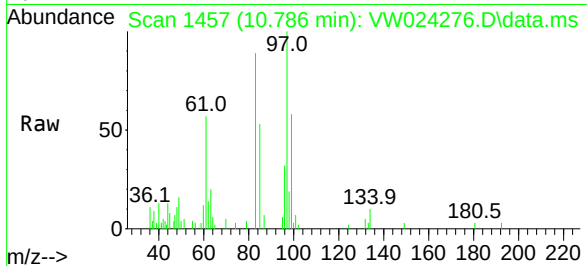




#45
1,1,2-Trichloroethane
Concen: 1.137 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

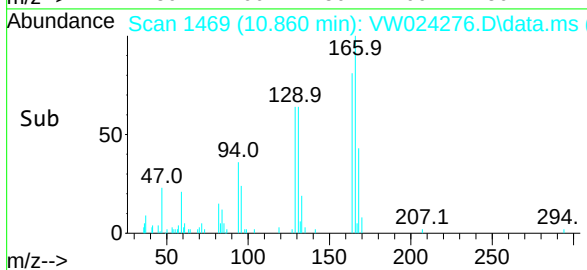
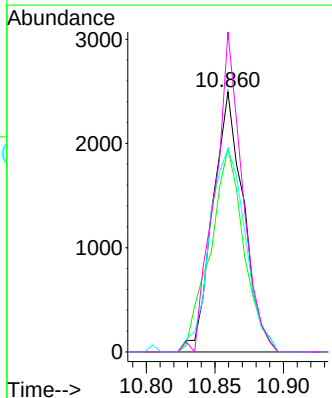
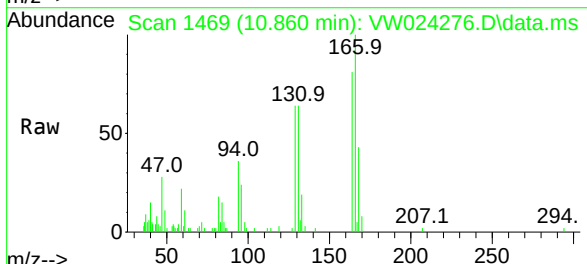
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-04

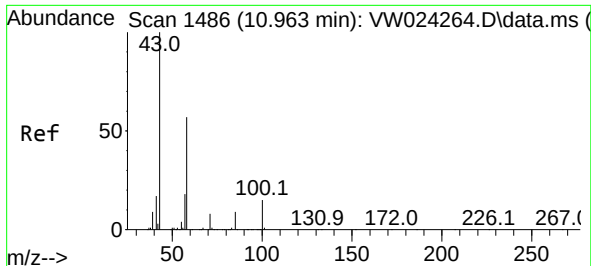
Tgt Ion: 97	Resp:	3592	
Ion	Ratio	Lower	Upper
97	100		
99	58.5	43.8	81.3
83	89.5	56.4	104.7
85	52.9	38.5	71.5



#46
Tetrachloroethene
Concen: 1.198 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt	Ion:164	Resp:	3888
Ion	Ratio	Lower	Upper
164	100		
129	78.2	63.1	117.3
131	78.3	63.9	118.7
166	123.1	86.8	161.2

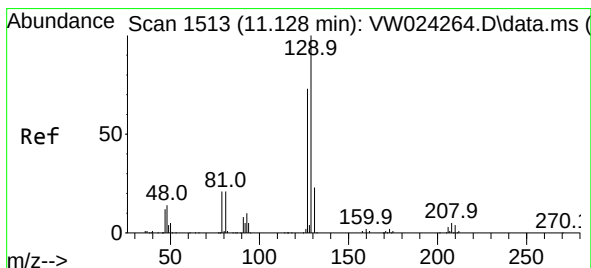
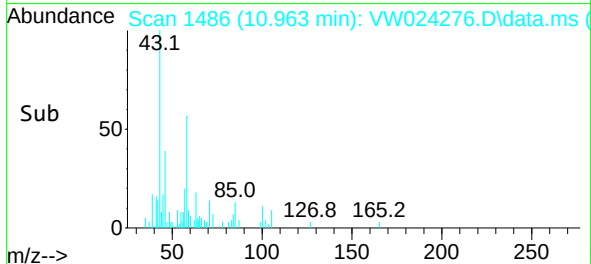
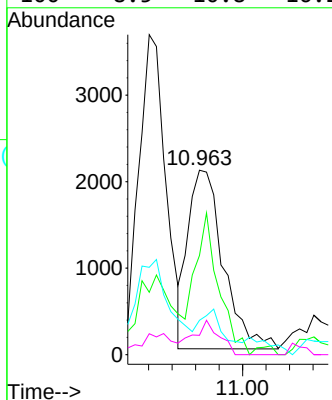
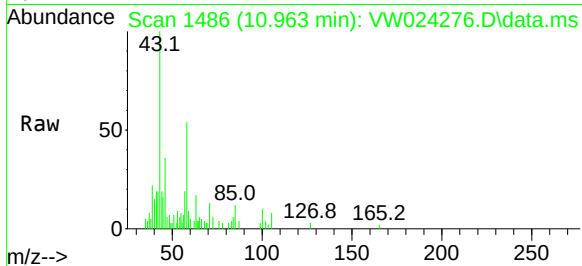




#48
2-Hexanone
Concen: 2.557 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

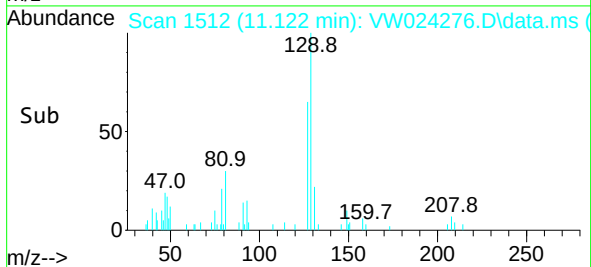
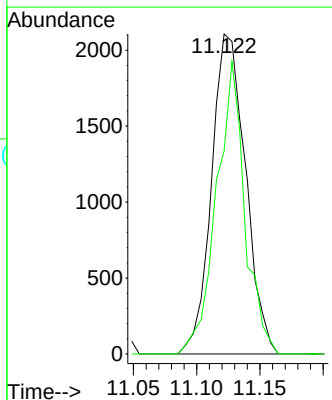
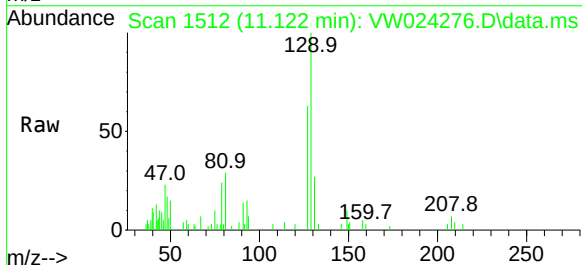
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2022-04

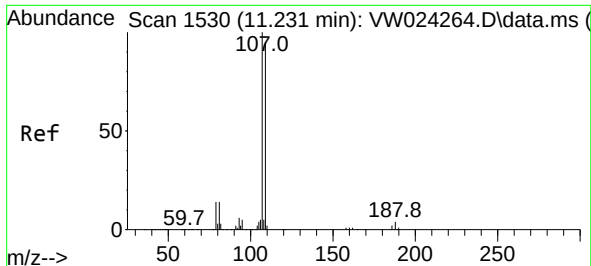
Tgt Ion:	43	Resp:	4319
Ion	Ratio	Lower	Upper
43	100		
58	52.5	43.4	65.0
57	11.5	15.0	22.4#
100	8.5	10.8	16.2#



#49
Dibromochloromethane
Concen: 1.033 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt Ion:	129	Resp:	3930
Ion	Ratio	Lower	Upper
129	100		
127	63.4	52.3	97.1

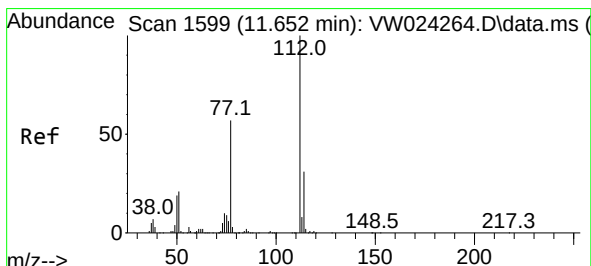
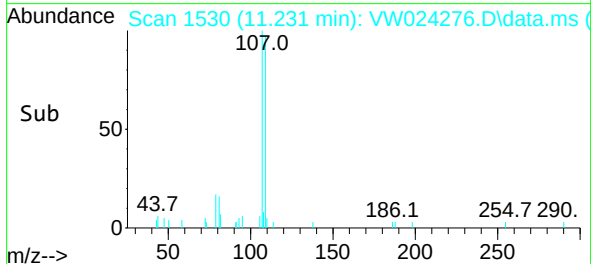
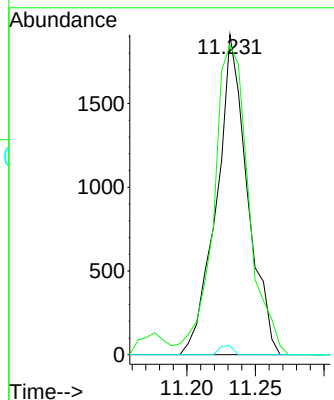
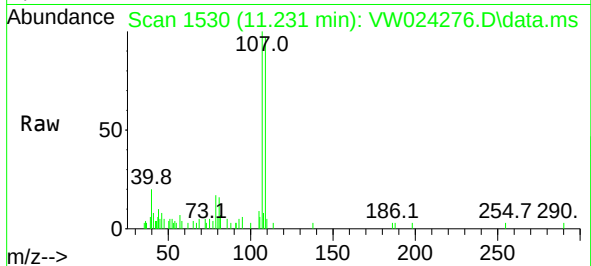




#50
1,2-Dibromoethane
Concen: 0.990 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

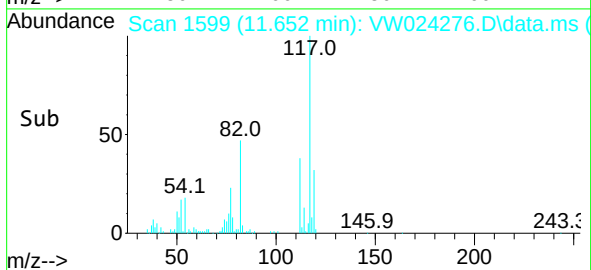
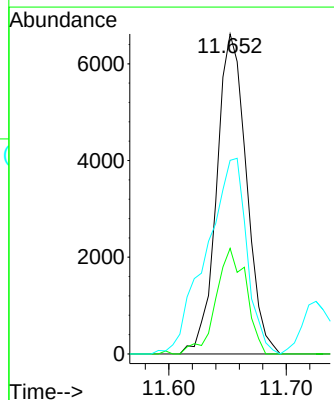
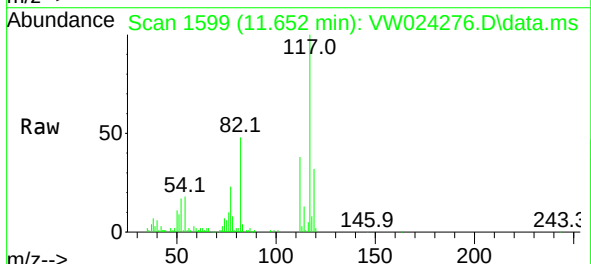
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-04

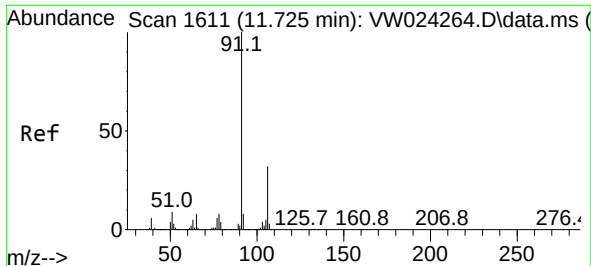
Tgt Ion:107 Resp: 2997
Ion Ratio Lower Upper
107 100
109 96.8 64.0 119.0
188 2.8 3.1 4.7#



#51
Chlorobenzene
Concen: 1.058 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt Ion:112 Resp: 11652
Ion Ratio Lower Upper
112 100
114 33.0 20.7 38.5
77 60.5 41.4 62.2

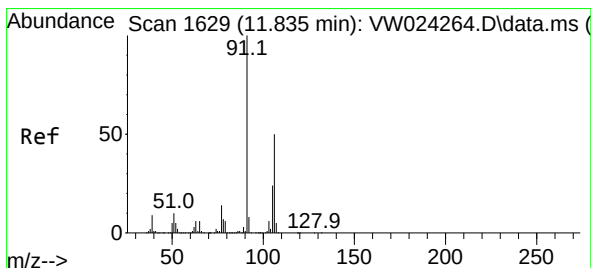
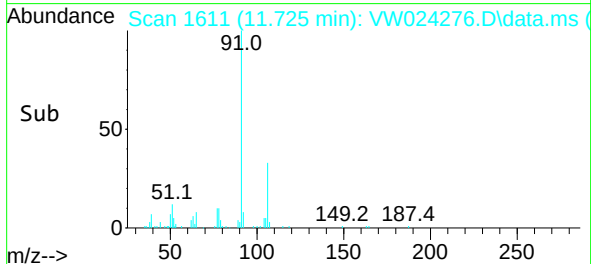
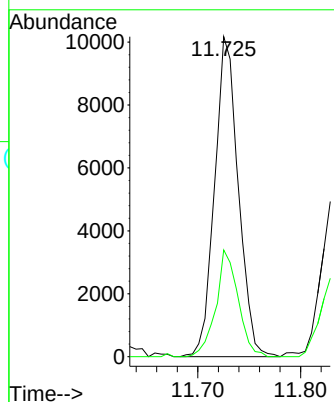
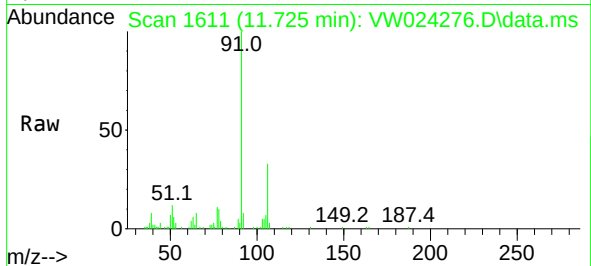




#52
Ethylbenzene
Concen: 0.921 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

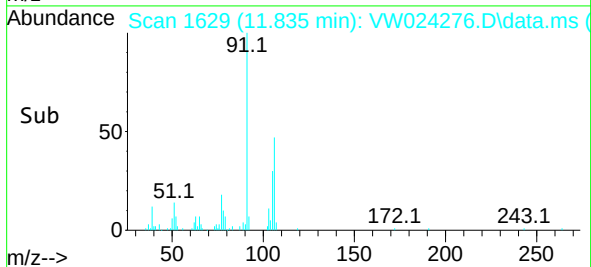
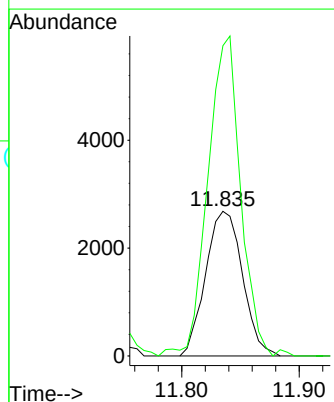
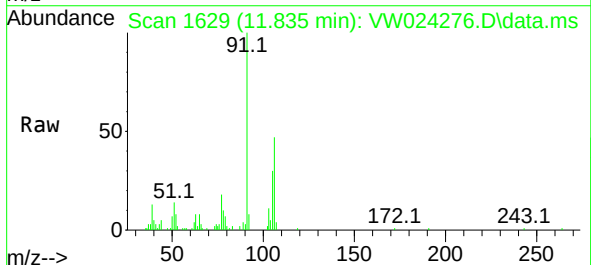
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-04

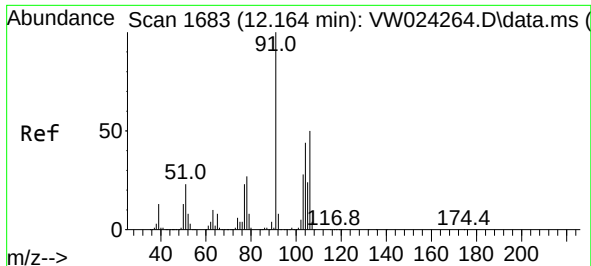
Tgt Ion: 91 Resp: 16270
Ion Ratio Lower Upper
91 100
106 33.3 21.9 40.7



#53
m,p-Xylene
Concen: 0.851 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt Ion: 106 Resp: 5851
Ion Ratio Lower Upper
106 100
91 214.3 144.1 267.7

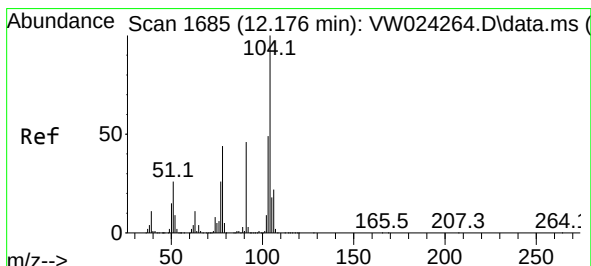
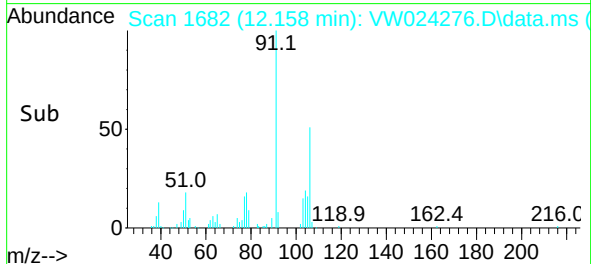
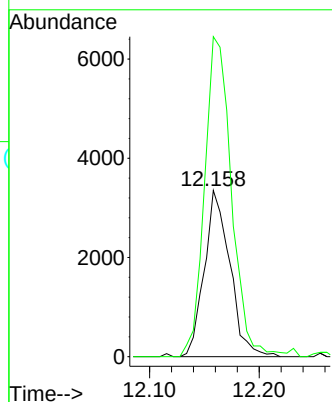
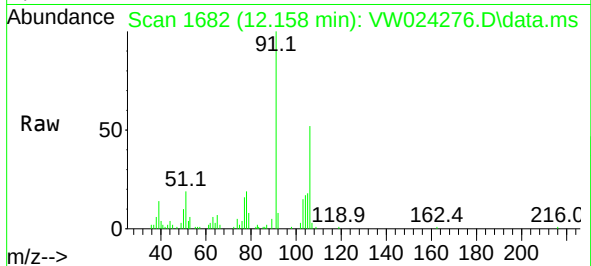




#54
o-Xylene
Concen: 0.838 ug/L
RT: 12.158 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

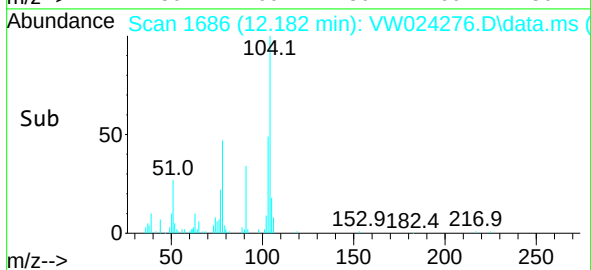
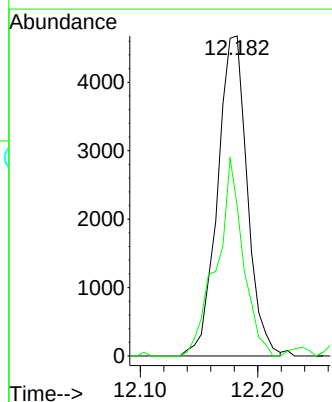
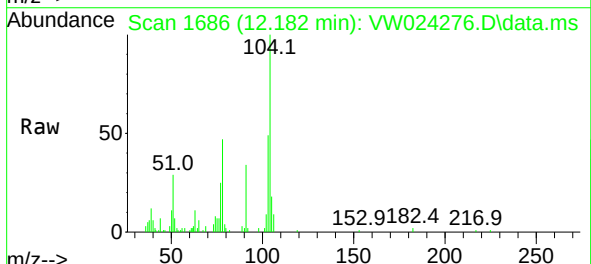
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-04

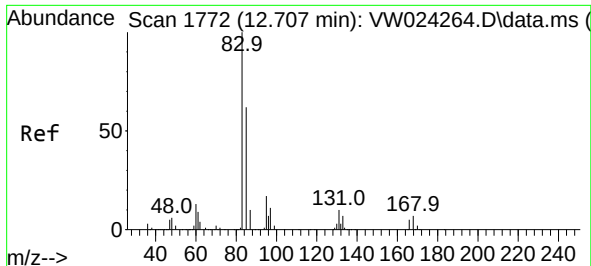
Tgt Ion:106 Resp: 5439
Ion Ratio Lower Upper
106 100
91 192.5 150.9 280.3



#55
Styrene
Concen: 0.728 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt Ion:104 Resp: 8217
Ion Ratio Lower Upper
104 100
78 47.0 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 1.275 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-04

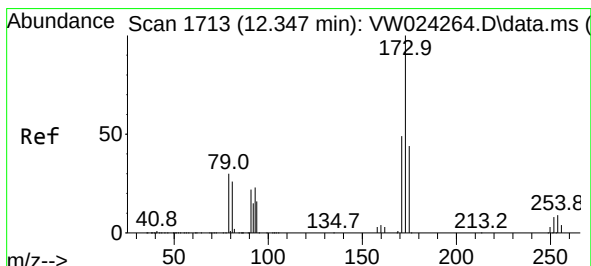
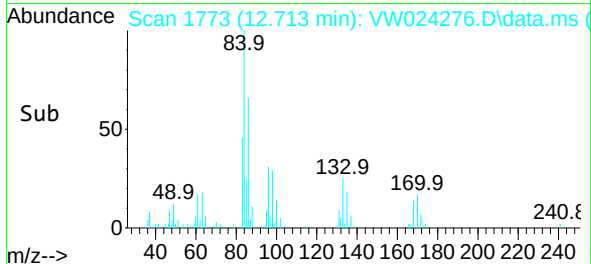
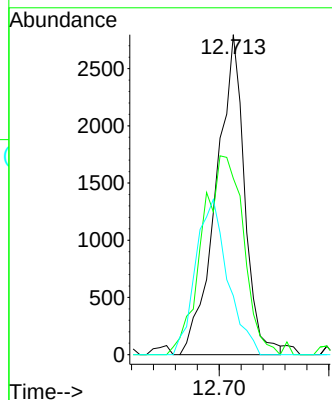
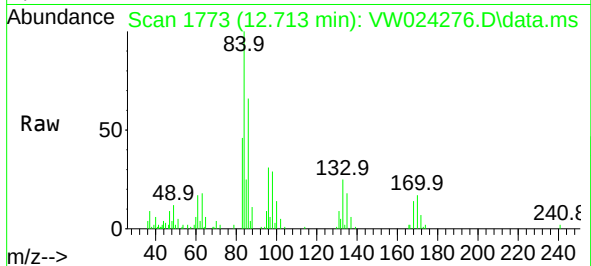
Tgt Ion: 83 Resp: 5034

Ion Ratio Lower Upper

83 100

85 55.1 44.1 81.9

131 18.4 8.3 12.5#



#59

Bromoform

Concen: 1.011 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

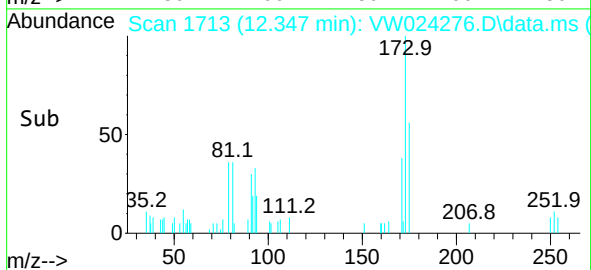
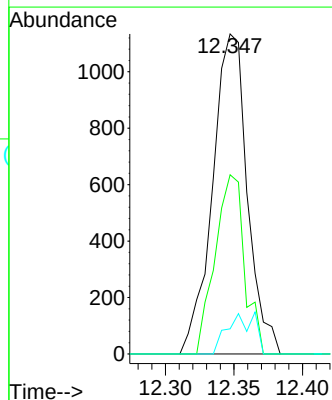
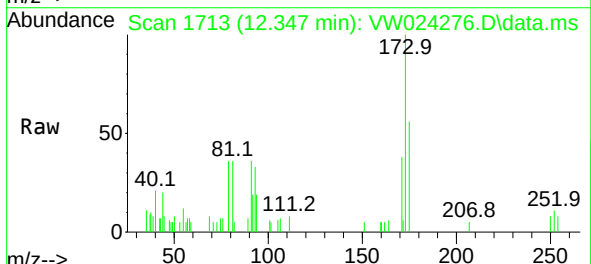
Tgt Ion: 173 Resp: 2008

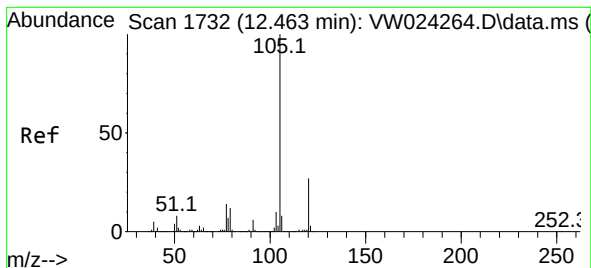
Ion Ratio Lower Upper

173 100

175 47.2 39.0 58.6

254 7.2 6.8 10.2





#60

Isopropylbenzene

Concen: 0.827 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

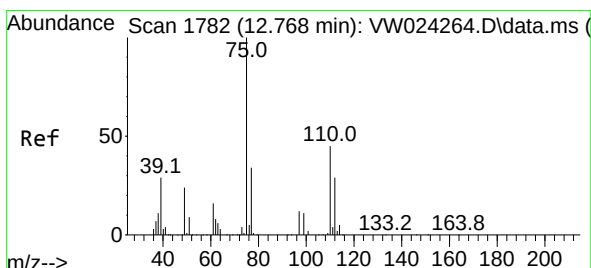
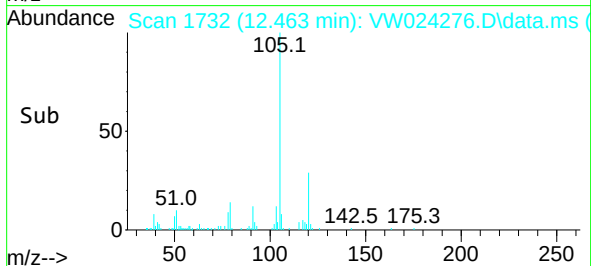
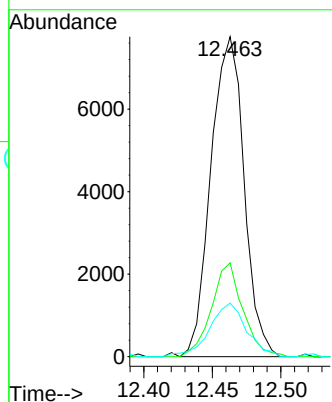
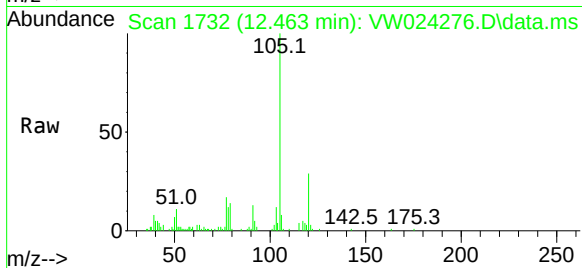
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-04

Tgt Ion:	105	Resp:	13036
Ion Ratio	Lower	Upper	
105	100		
120	27.7	21.4	32.2
77	18.7	12.4	18.6



#61

1,2,3-Trichloropropane

Concen: 1.302 ug/L

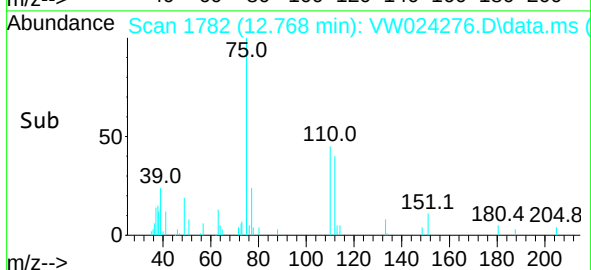
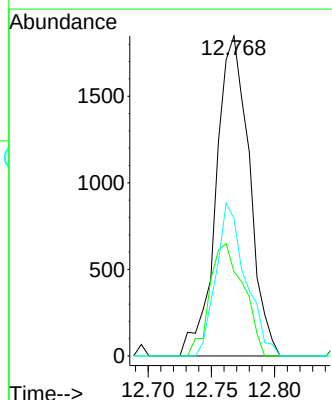
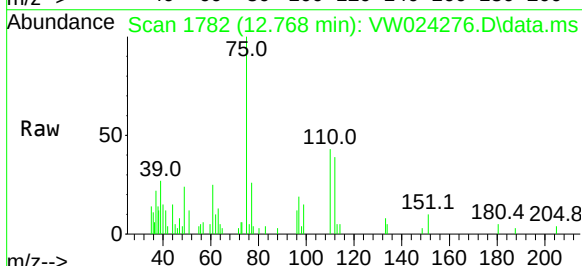
RT: 12.768 min Scan# 1782

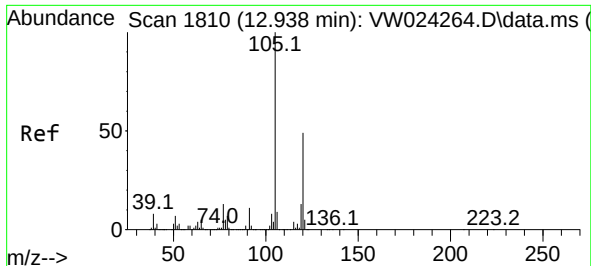
Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

Tgt Ion:	75	Resp:	3374
Ion Ratio	Lower	Upper	
75	100		
77	35.7	26.2	39.4
110	42.7	33.6	50.4





#62

1,3,5-Trimethylbenzene

Concen: 0.808 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

Instrument :

MSVOA_W

ClientSampleId :

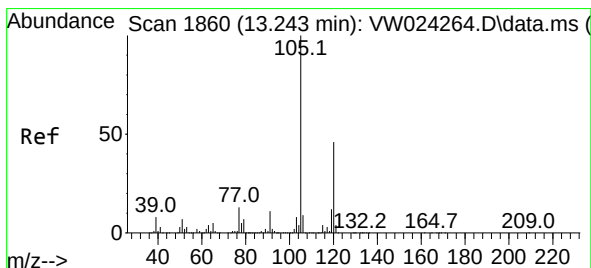
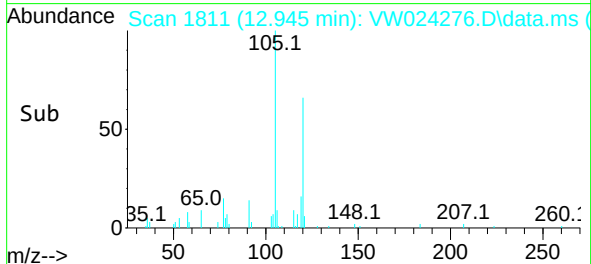
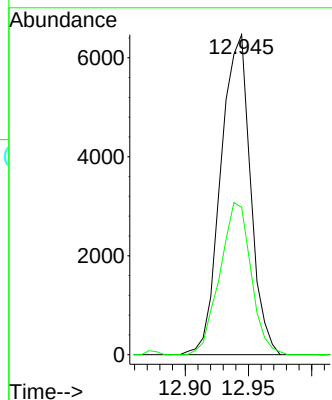
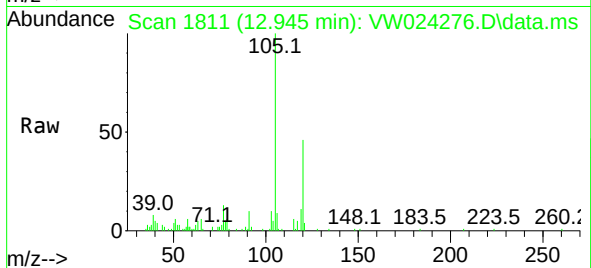
MDL-SOIL-QT2-2022-04

Tgt Ion:105 Resp: 10528

Ion Ratio Lower Upper

105 100

120 50.0 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.768 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VW024276.D

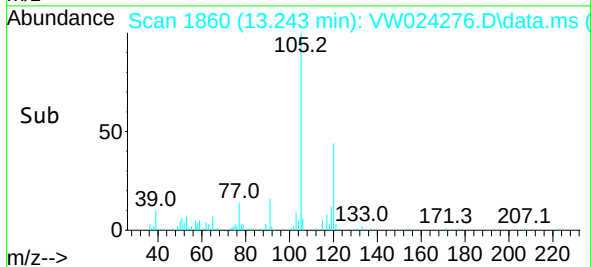
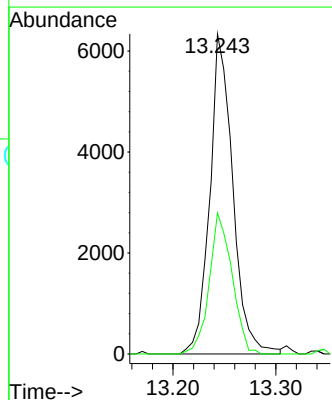
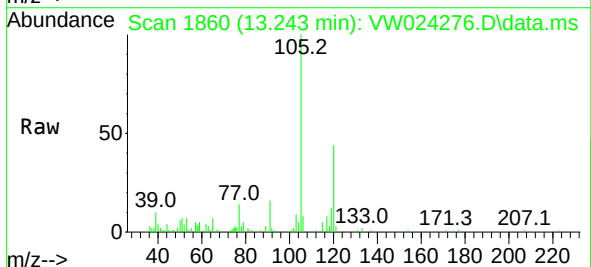
Acq: 18 Aug 2022 15:47

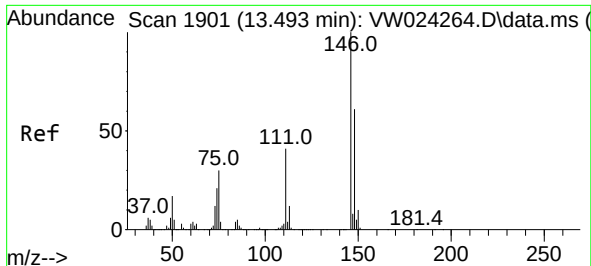
Tgt Ion:105 Resp: 9854

Ion Ratio Lower Upper

105 100

120 43.6 36.4 54.6

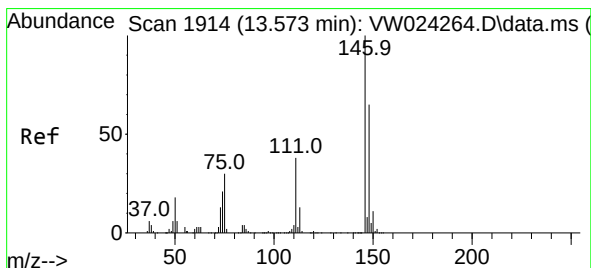
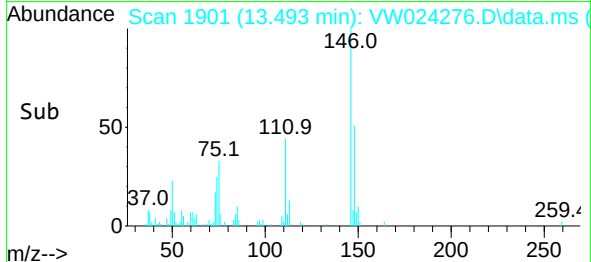
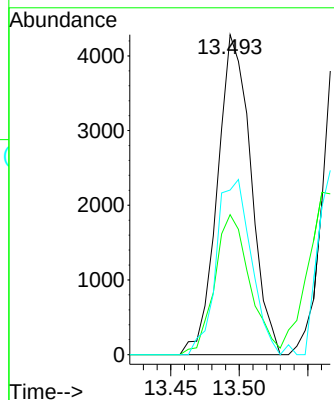
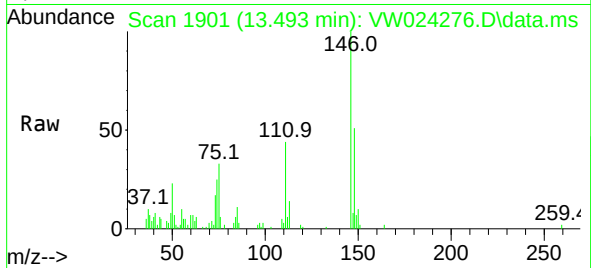




#64
1,3-Dichlorobenzene
Concen: 0.944 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

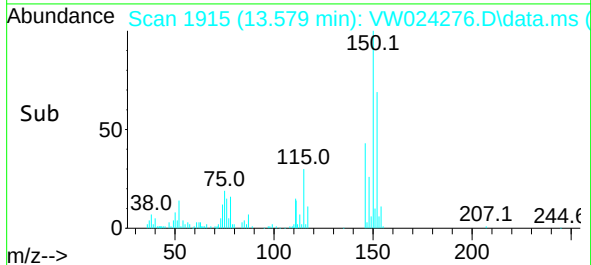
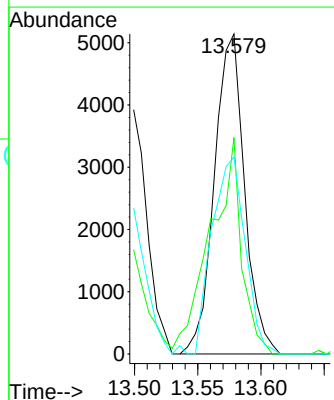
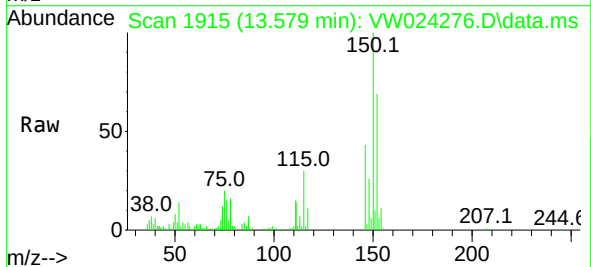
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-04

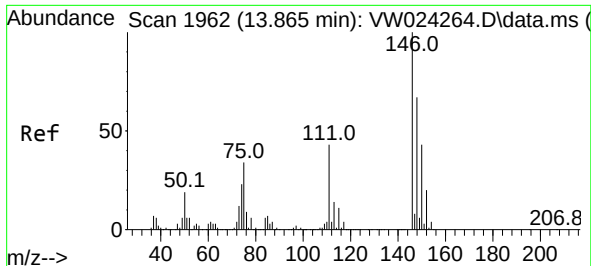
Tgt Ion:146	Resp:	7284	
Ion	Ratio	Lower	Upper
146	100		
111	43.7	28.0	52.0
148	51.5	46.5	86.3



#65
1,4-Dichlorobenzene
Concen: 1.043 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt Ion:146	Resp:	8521	
Ion	Ratio	Lower	Upper
146	100		
111	67.7	27.6	51.4#
148	61.5	40.5	75.3





#67

1,2-Dichlorobenzene

Concen: 1.141 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024276.D

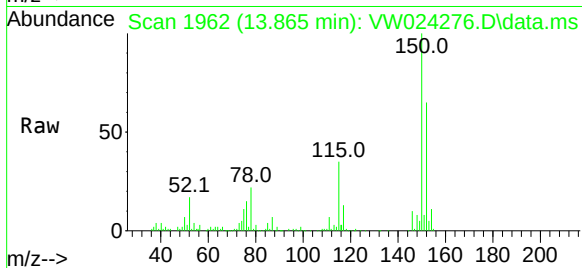
Acq: 18 Aug 2022 15:47

Instrument :

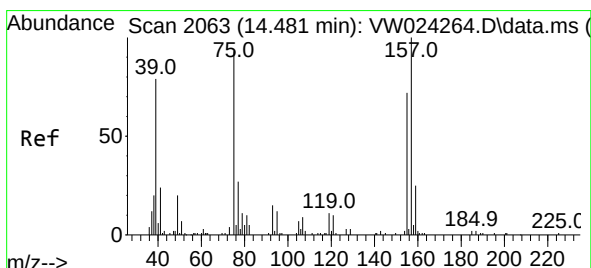
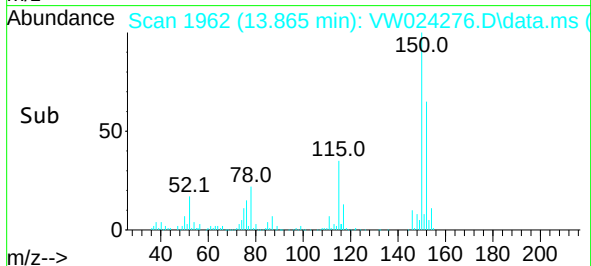
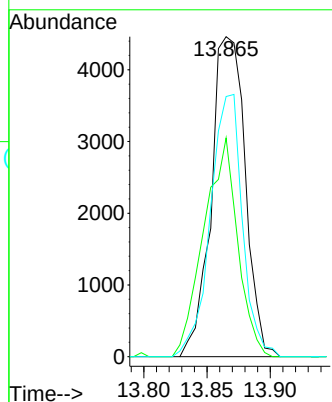
MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-04



Tgt Ion:	146	Resp:	8362
Ion Ratio	Lower	Upper	
146	100		
111	68.3	29.0	43.6#
148	81.3	47.8	71.8#



#68

1,2-Dibromo-3-chloropropane

Concen: 2.114 ug/L

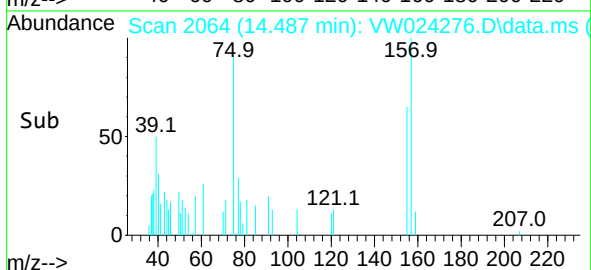
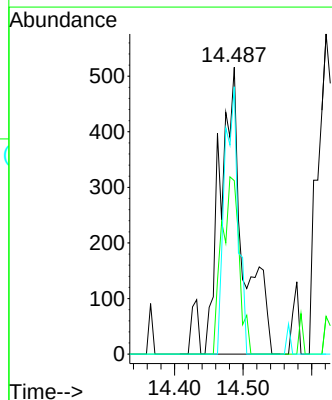
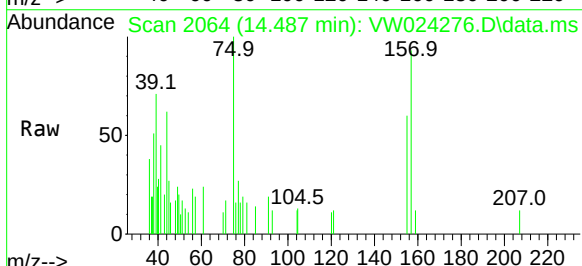
RT: 14.487 min Scan# 2064

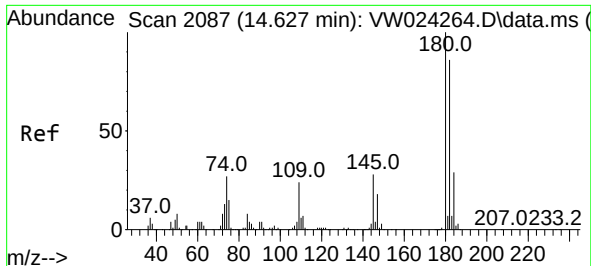
Delta R.T. 0.006 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

Tgt Ion:	75	Resp:	1280
Ion Ratio	Lower	Upper	
75	100		
155	60.5	68.8	103.2#
157	93.2	91.5	137.3





#69

1,3,5-Trichlorobenzene

Concen: 1.082 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW024276.D

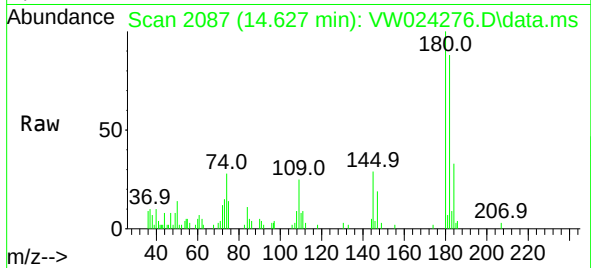
Acq: 18 Aug 2022 15:47

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2022-04



Tgt Ion:180 Resp: 5476

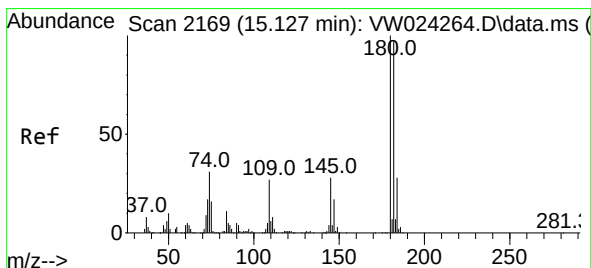
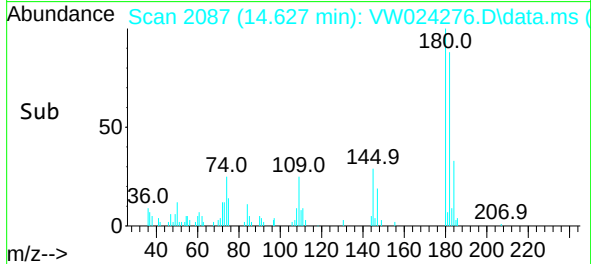
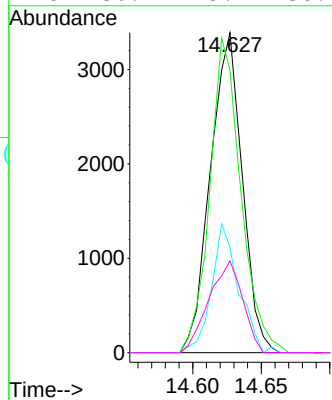
Ion Ratio Lower Upper

180 100

182 96.1 78.4 117.6

184 34.1 24.7 37.1

145 30.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 0.927 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024276.D

Acq: 18 Aug 2022 15:47

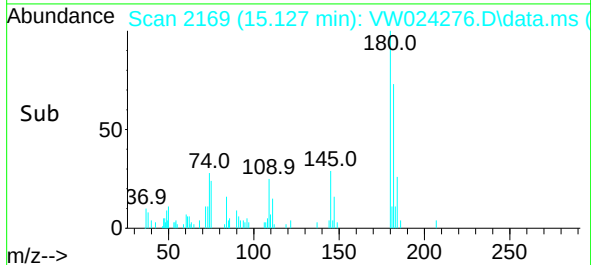
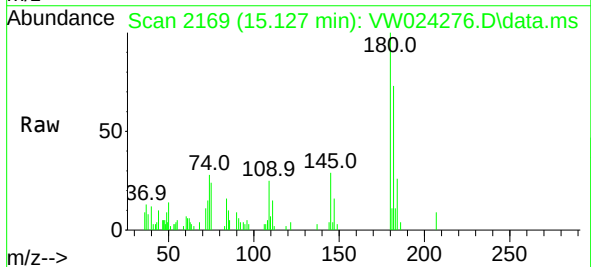
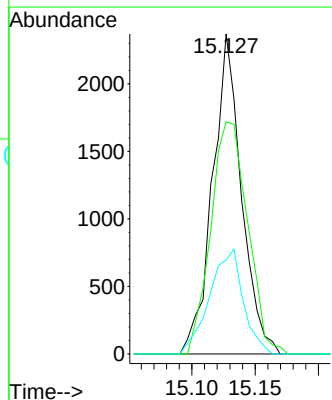
Tgt Ion:180 Resp: 3759

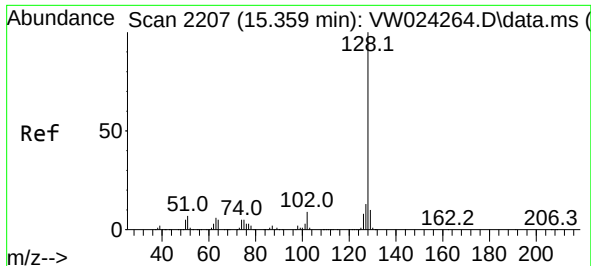
Ion Ratio Lower Upper

180 100

182 92.6 75.0 112.4

145 38.1 25.1 37.7#

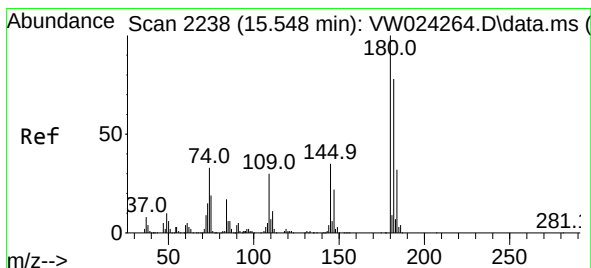
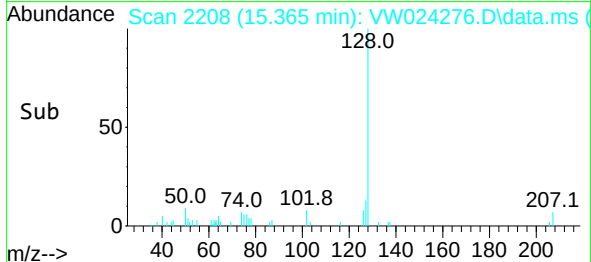
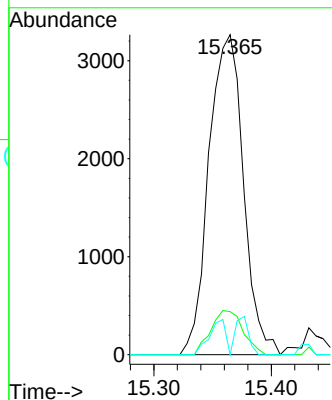
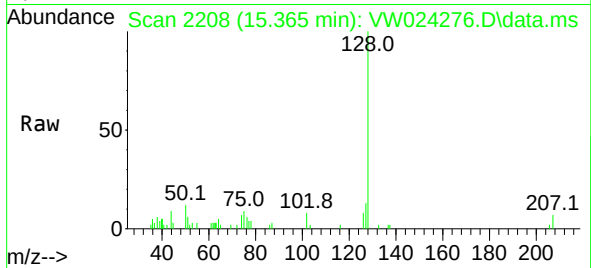




#71
Naphthalene
Concen: 0.844 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2022-04

Tgt Ion:128 Resp: 6666
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 5.2 8.8 13.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.854 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW024276.D
Acq: 18 Aug 2022 15:47

Tgt Ion:180 Resp: 3153
Ion Ratio Lower Upper
180 100
182 108.4 75.4 113.2
145 36.6 26.9 40.3

