

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024593.D
 Acq On : 09 Sep 2022 10:40
 Operator : SY/VA
 Sample : N4519-03 MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2022-07

Quant Time: Sep 10 00:39:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 10 00:38:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	263735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	267326	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	115244	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	154546	28.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.520%
7) Chloroethane-d5	2.873	69	119897	29.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.440%
11) 1,1-Dichloroethene-d2	4.007	63	101864	17.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.920%
21) 2-Butanone-d5	7.073	46	42746	48.664	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.320%
24) Chloroform-d	7.646	84	160023	23.823	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.280%
26) 1,2-Dichloroethane-d4	8.305	65	98932	26.123	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.480%
32) Benzene-d6	8.274	84	327589	24.912	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.640%
36) 1,2-Dichloropropane-d6	9.274	67	93386	24.087	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	10.323	98	305606	23.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.579	79	39695	22.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.926	63	33506	47.017	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	80190	21.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.320%
66) 1,2-Dichlorobenzene-d4	13.846	152	96680	26.487	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.960%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.025	96	4191	1.390	ug/L #	1
13) Acetone	4.129	43	3040	4.068	ug/L	100
18) Methyl tert-butyl Ether	5.421	73	4642	0.755	ug/L #	89
19) 1,1-Dichloroethane	6.201	63	6979	1.111	ug/L	97
23) Bromochloromethane	7.512	128	2155	1.215	ug/L #	56
25) Chloroform	7.671	83	8584	1.230	ug/L	96
27) 1,2-Dichloroethane	8.402	62	5578	1.189	ug/L #	93
29) Cyclohexane	7.951	56	5268	1.018	ug/L #	58
30) 1,1,1-Trichloroethane	7.878	97	6259	1.068	ug/L	91
33) Benzene	8.317	78	17632	1.162	ug/L	100
34) Trichloroethene	9.091	95	4134	1.043	ug/L	82
35) Methylcyclohexane	9.329	83	6221	0.981	ug/L	92
37) 1,2-Dichloropropane	9.366	63	4394	1.160	ug/L #	92
38) Bromodichloromethane	9.640	83	5744	1.073	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	6310	1.139	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	5329	2.132	ug/L #	52
42) Toluene	10.390	91	19599	1.172	ug/L	89
44) trans-1,3-Dichloropropene	10.603	75	7519	1.437	ug/L	88
45) 1,1,2-Trichloroethane	10.780	97	3340	1.055	ug/L	95

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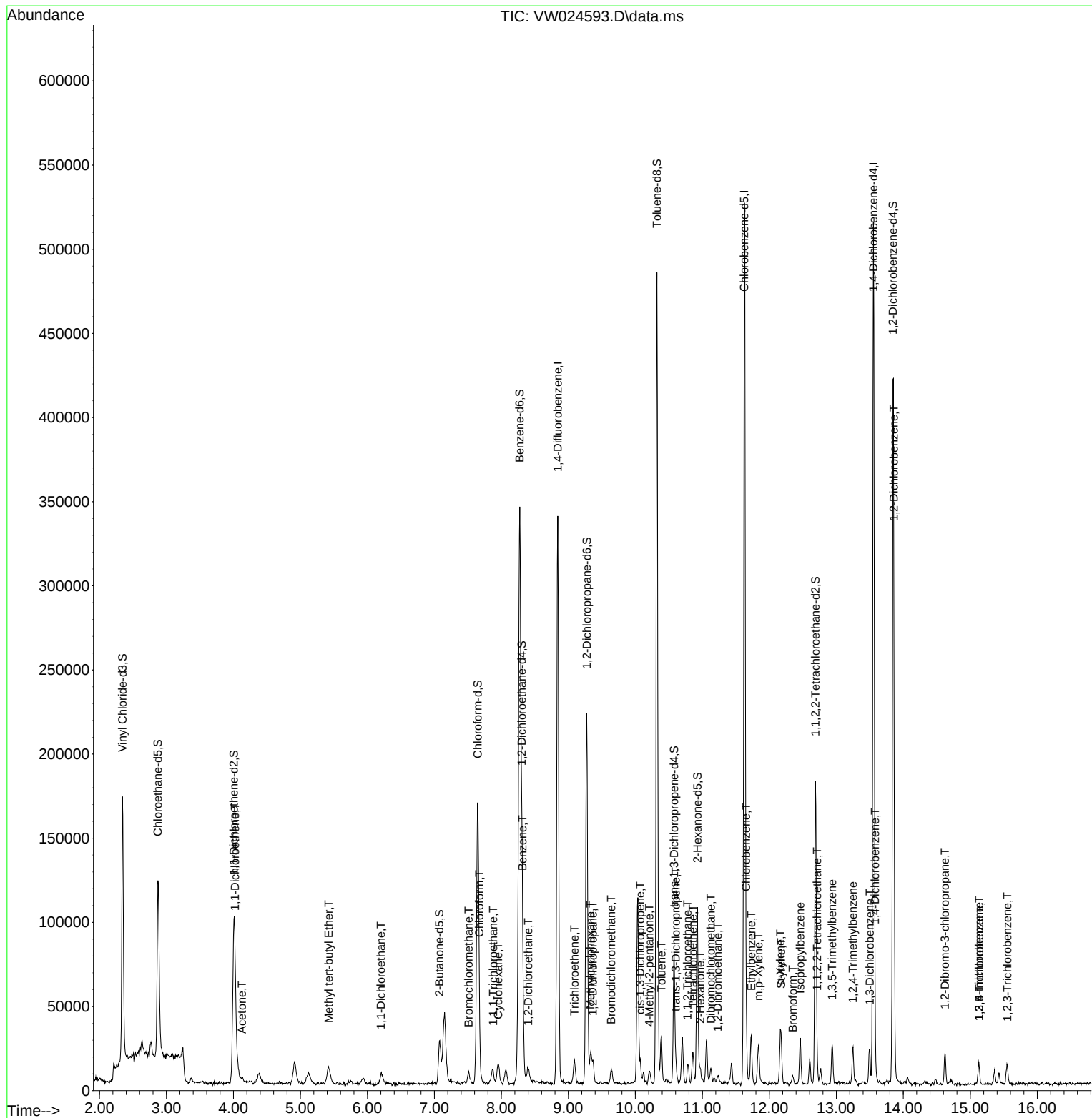
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.859	164	3022	1.035	ug/L	96
48) 2-Hexanone	10.969	43	4189	2.444	ug/L #	90
49) Dibromochloromethane	11.127	129	3712	1.003	ug/L	95
50) 1,2-Dibromoethane	11.231	107	3058	0.995	ug/L #	94
51) Chlorobenzene	11.652	112	12333	1.067	ug/L	91
52) Ethylbenzene	11.731	91	18912	0.996	ug/L	93
53) m,p-Xylene	11.841	106	6917	0.932	ug/L	98
54) o-Xylene	12.164	106	6190	0.876	ug/L	86
55) Styrene	12.176	104	9172	0.738	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	4972	1.240	ug/L	90
59) Bromoform	12.353	173	1585	0.946	ug/L #	91
60) Isopropylbenzene	12.463	105	14690	0.941	ug/L #	94
62) 1,3,5-Trimethylbenzene	12.938	105	10714	0.827	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	10927	0.847	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	7039	1.001	ug/L #	78
65) 1,4-Dichlorobenzene	13.578	146	8624	1.164	ug/L	95
67) 1,2-Dichlorobenzene	13.859	146	7811	1.191	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	14.621	75	1351	2.395	ug/L #	4
69) 1,3,5-Trichlorobenzene	15.133	180	3378	0.740	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	3378	0.932	ug/L	98
72) 1,2,3-Trichlorobenzene	15.553	180	2888	0.857	ug/L	91

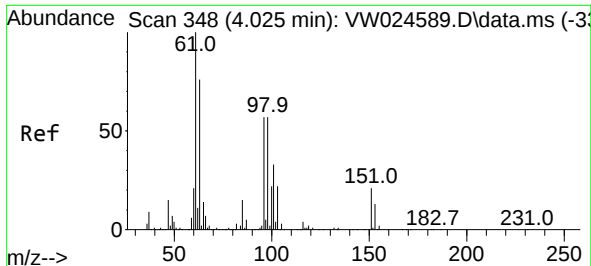
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#12

1,1-Dichloroethene

Concen: 1.390 ug/L

RT: 4.025 min Scan# 34

Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-07

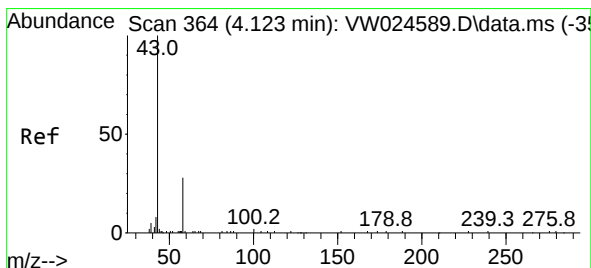
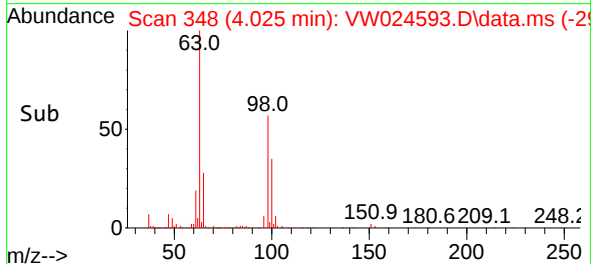
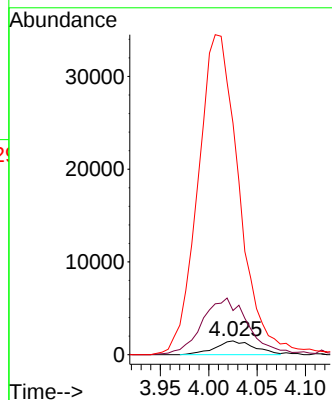
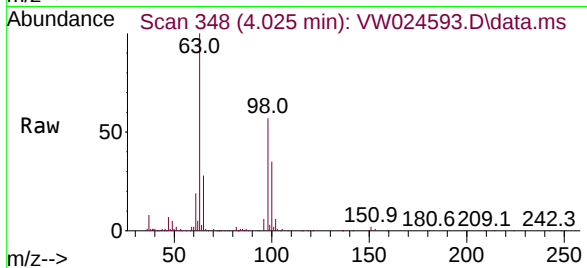
Tgt Ion: 96 Resp: 4191

Ion Ratio Lower Upper

96 100

61 322.3 119.8 222.6#

63 1688.8 89.6 166.4#



#13

Acetone

Concen: 4.068 ug/L

RT: 4.129 min Scan# 365

Delta R.T. 0.006 min

Lab File: VW024593.D

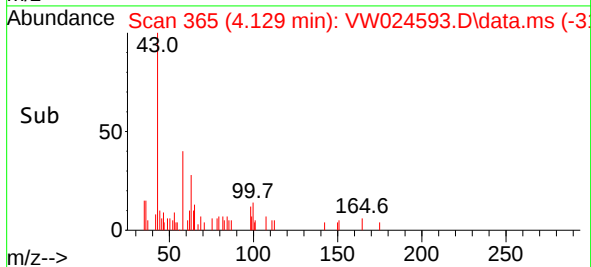
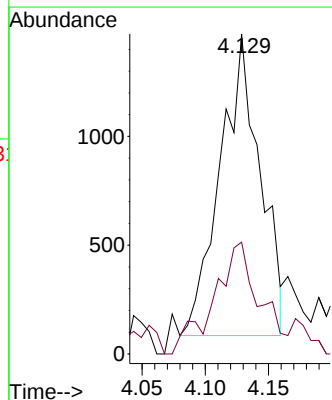
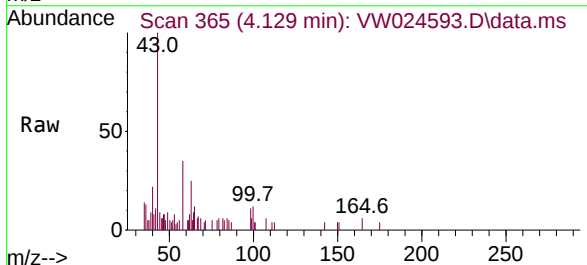
Acq: 09 Sep 2022 10:40

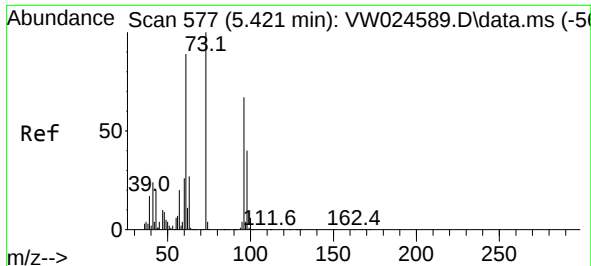
Tgt Ion: 43 Resp: 3040

Ion Ratio Lower Upper

43 100

58 29.1 0.0 57.8

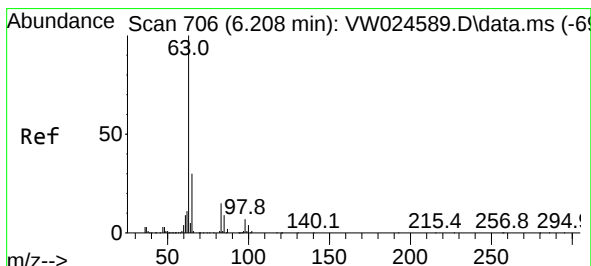
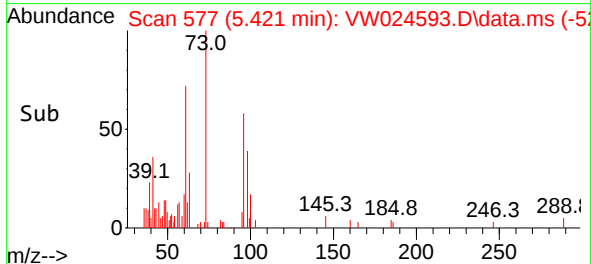
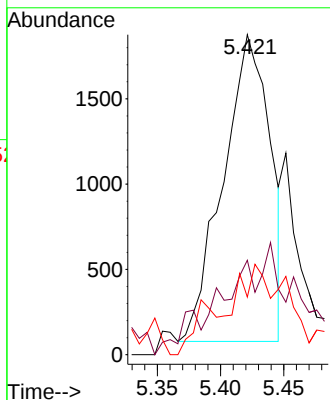
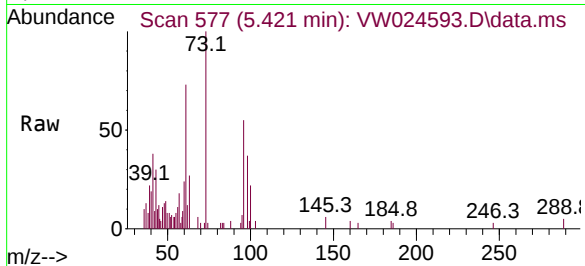




#18
Methyl tert-butyl Ether
Concen: 0.755 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

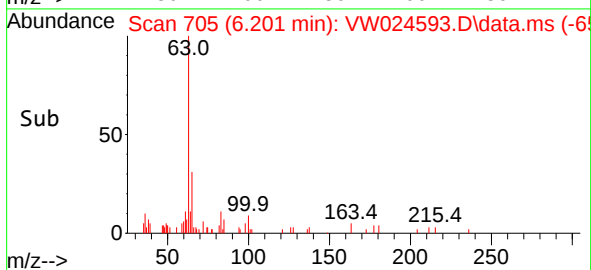
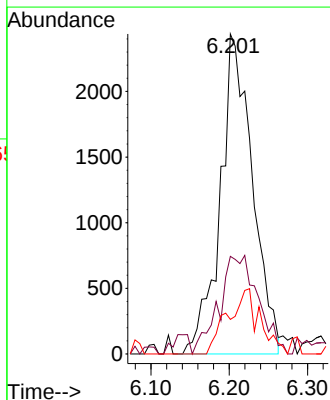
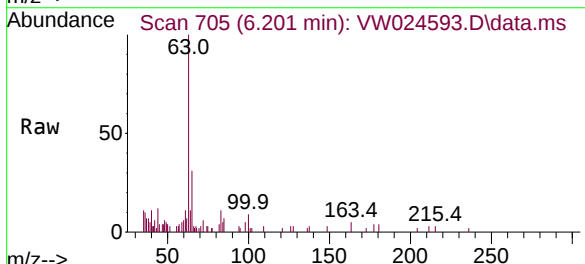
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07

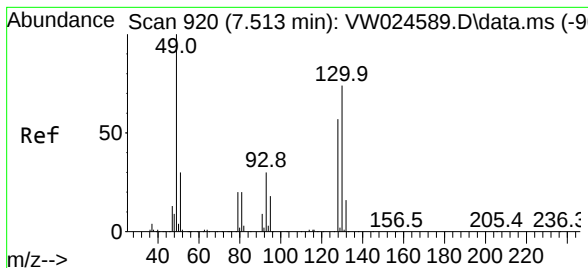
Tgt Ion: 73 Resp: 4642
Ion Ratio Lower Upper
73 100
43 12.6 16.7 25.1#
57 18.7 16.8 25.2



#19
1,1-Dichloroethane
Concen: 1.111 ug/L
RT: 6.201 min Scan# 705
Delta R.T. -0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt Ion: 63 Resp: 6979
Ion Ratio Lower Upper
63 100
65 30.5 22.0 41.0
83 10.8 9.5 17.7





#23

Bromochloromethane

Concen: 1.215 ug/L

RT: 7.512 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-07

Tgt Ion:128 Resp: 2155

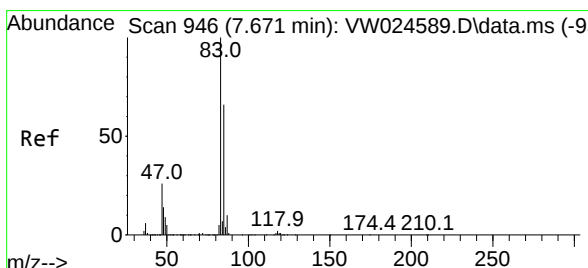
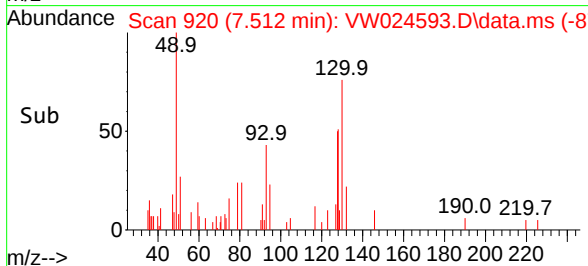
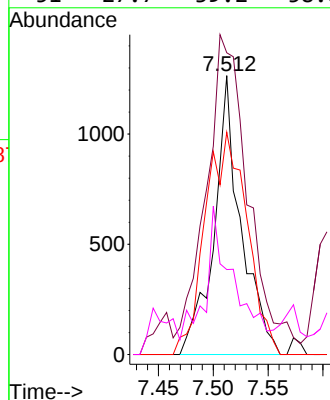
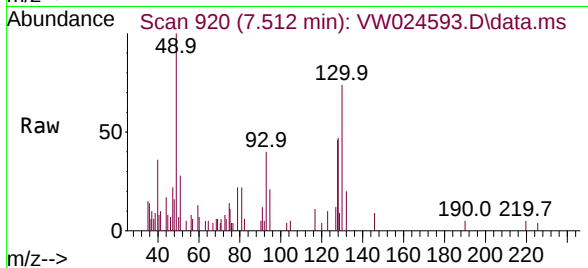
Ion Ratio Lower Upper

128 100

49 98.1 110.0 204.2#

130 72.3 88.3 163.9#

51 27.7 39.2 58.8#



#25

Chloroform

Concen: 1.230 ug/L

RT: 7.671 min Scan# 946

Delta R.T. -0.000 min

Lab File: VW024593.D

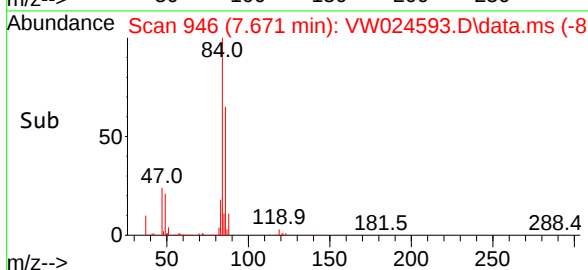
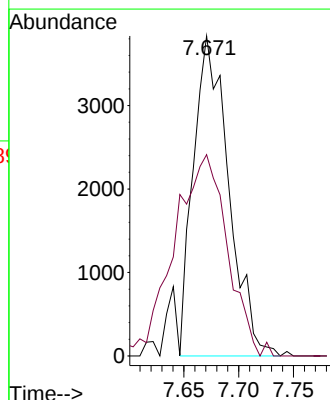
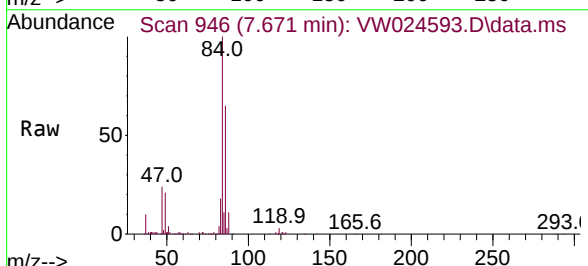
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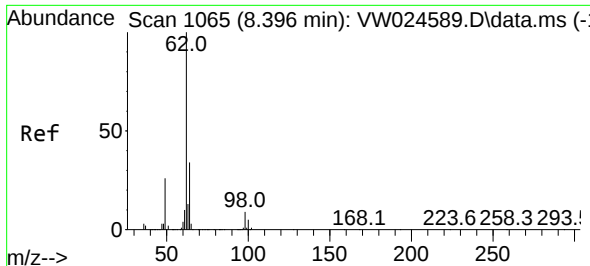
Tgt Ion: 83 Resp: 8584

Ion Ratio Lower Upper

83 100

85 62.9 46.4 86.2





#27

1,2-Dichloroethane

Concen: 1.189 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

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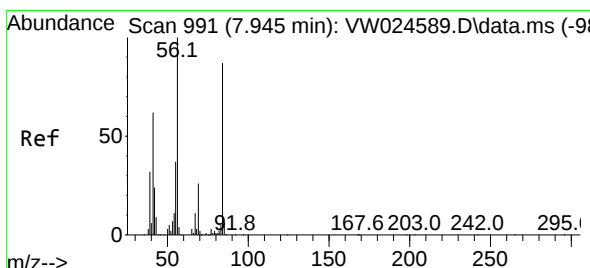
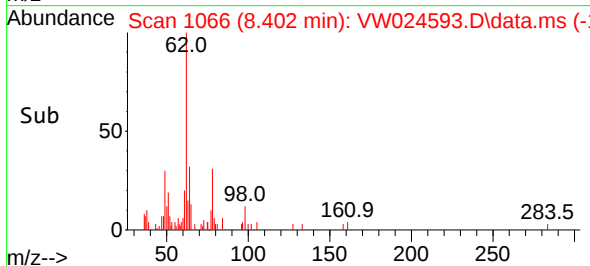
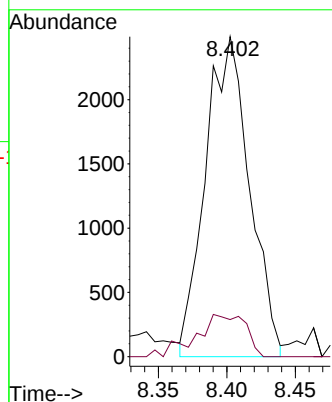
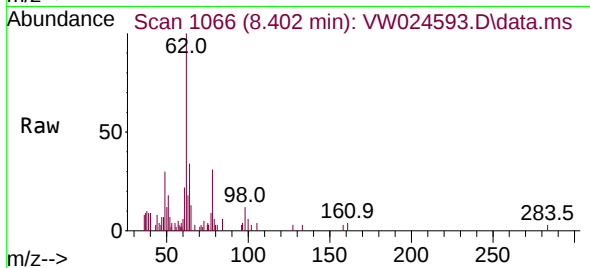
MDL-SOIL-QT4-2022-07

Tgt Ion: 62 Resp: 5578

Ion Ratio Lower Upper

62 100

98 11.6 7.4 11.0#



#29

Cyclohexane

Concen: 1.018 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

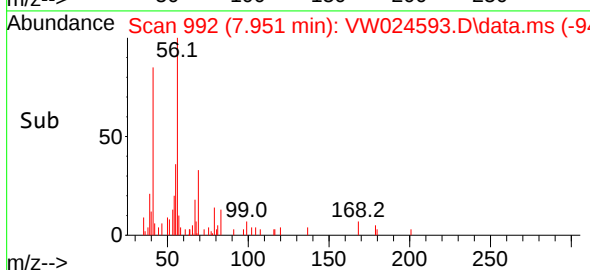
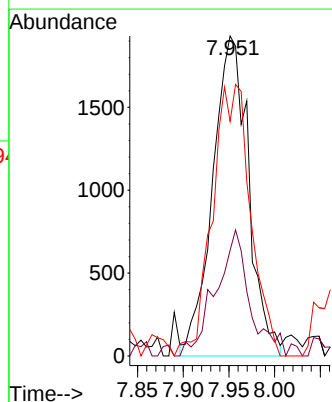
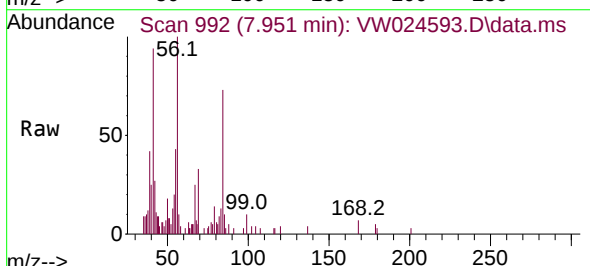
Tgt Ion: 56 Resp: 5268

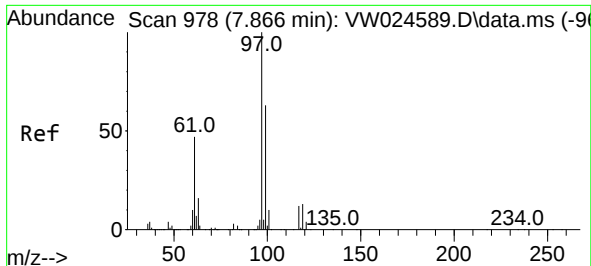
Ion Ratio Lower Upper

56 100

69 25.7 24.5 36.7

84 43.4 75.7 113.5#





#30

1,1,1-Trichloroethane

Concen: 1.068 ug/L

RT: 7.878 min Scan# 91

Delta R.T. 0.012 min

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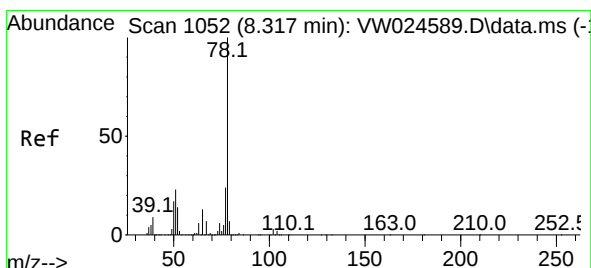
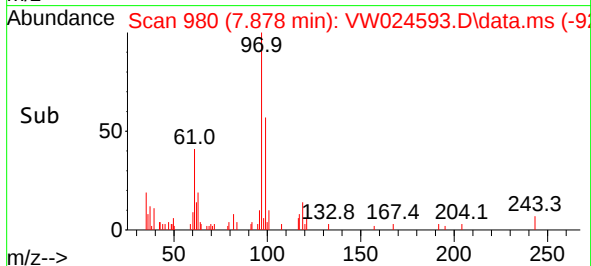
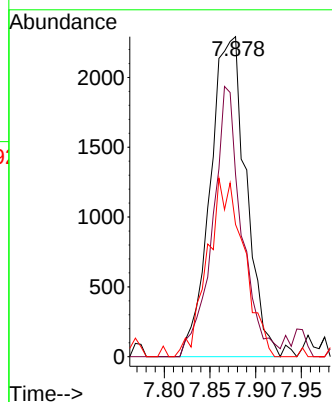
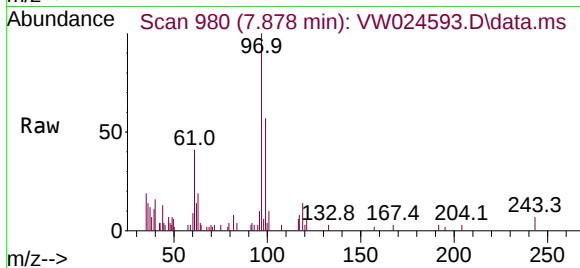
Tgt Ion: 97 Resp: 6259

Ion Ratio Lower Upper

97 100

99 68.7 51.5 77.3

61 55.1 37.2 55.8



#33

Benzene

Concen: 1.162 ug/L

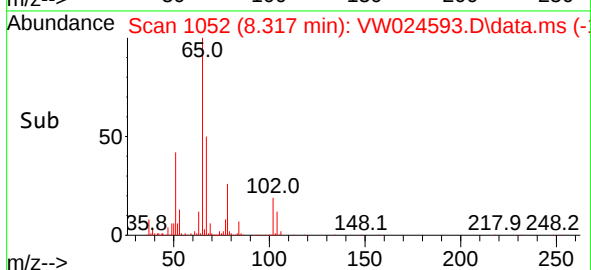
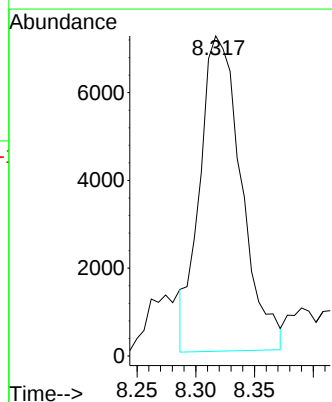
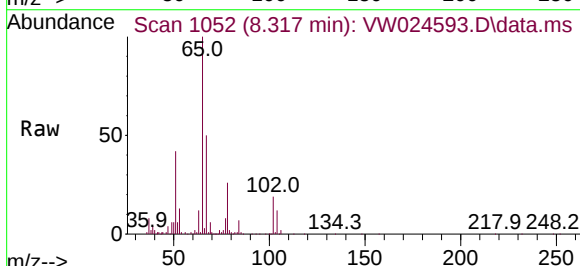
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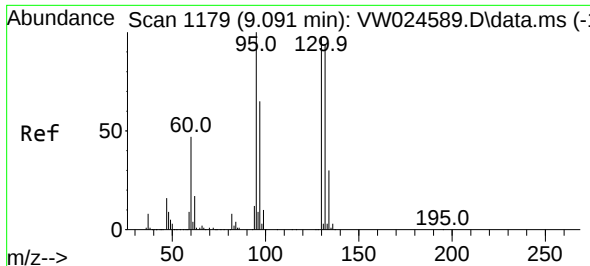
Delta R.T. -0.000 min

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Tgt Ion: 78 Resp: 17632

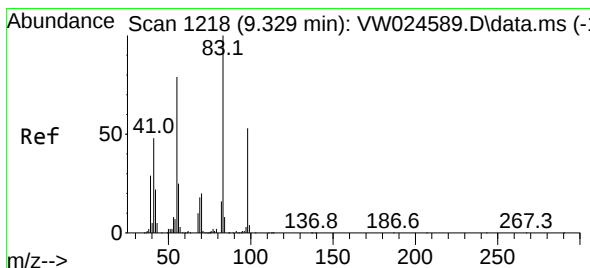
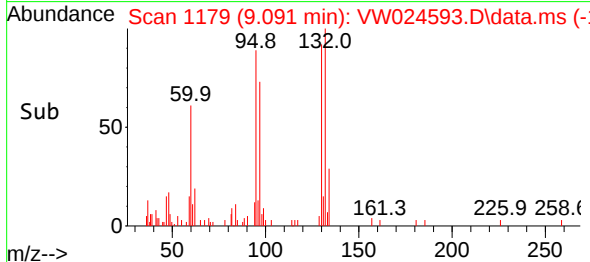
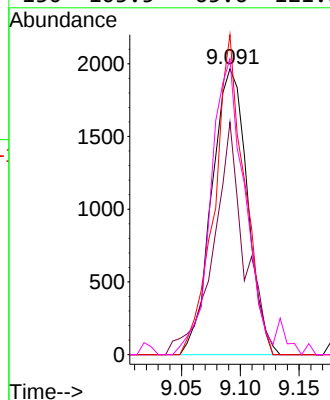
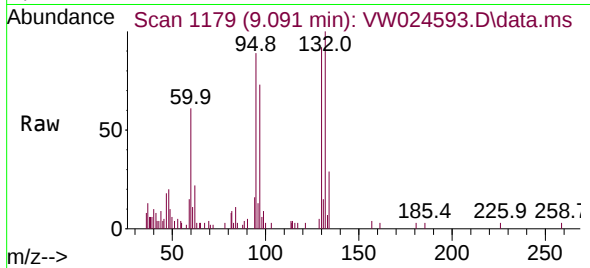




#34
Trichloroethene
Concen: 1.043 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

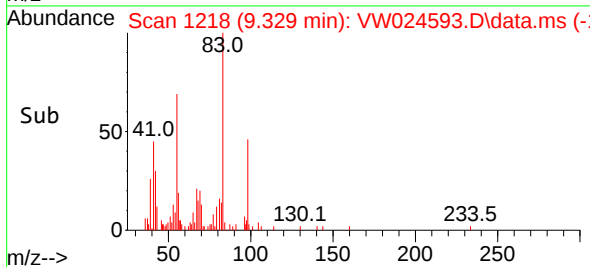
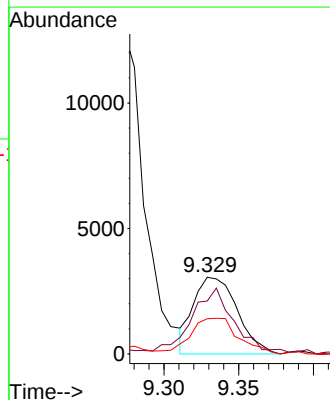
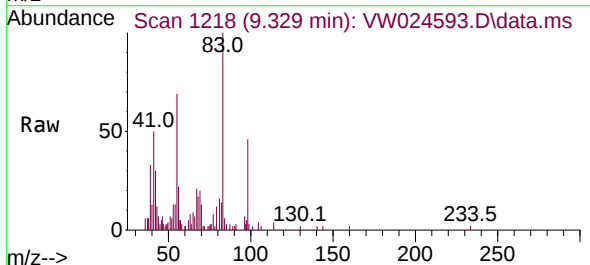
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07

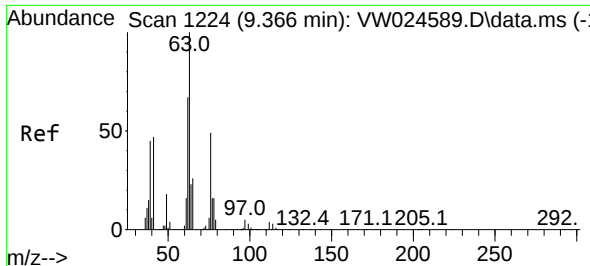
Tgt Ion: 95	Resp: 4134
Ion Ratio	Lower Upper
95 100	
97 81.3	45.9 85.3
132 111.9	62.6 116.2
130 103.5	65.6 121.8



#35
Methylcyclohexane
Concen: 0.981 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt Ion: 83	Resp: 6221
Ion Ratio	Lower Upper
83 100	
55 82.6	57.3 85.9
98 50.5	40.4 60.6





#37

1,2-Dichloropropane

Concen: 1.160 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

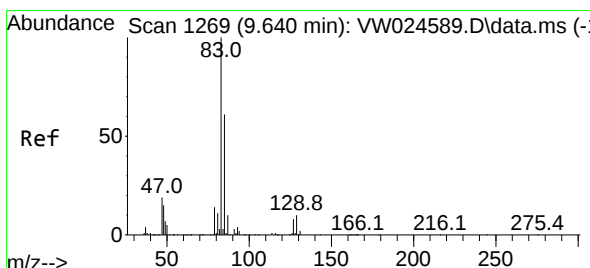
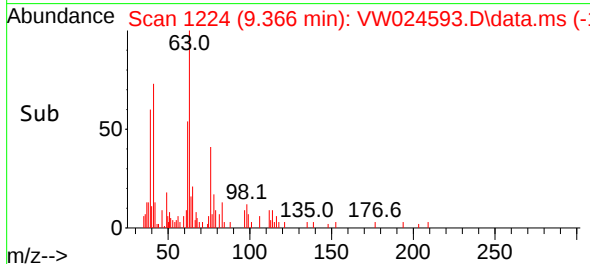
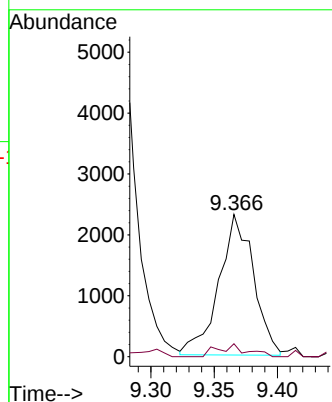
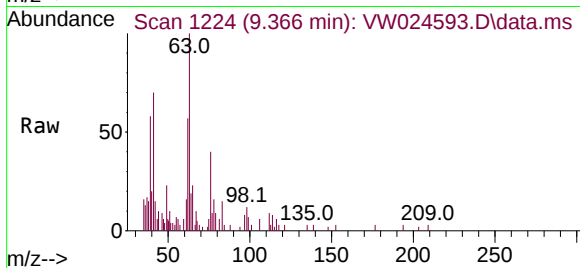
MDL-SOIL-QT4-2022-07

Tgt Ion: 63 Resp: 4394

Ion Ratio Lower Upper

63 100

112 2.3 3.9 5.9#



#38

Bromodichloromethane

Concen: 1.073 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

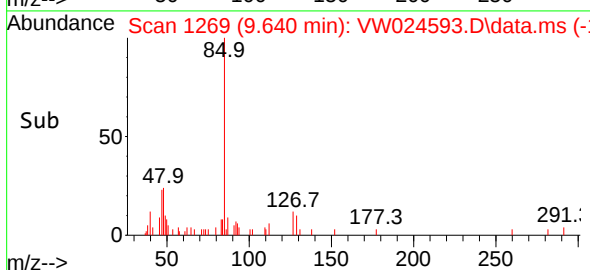
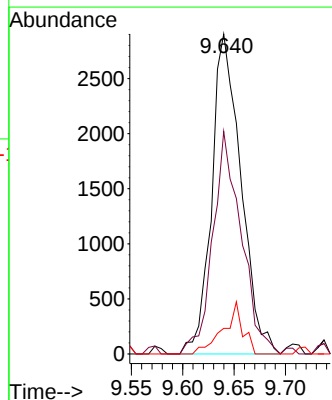
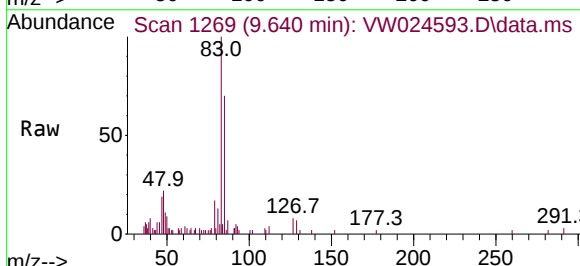
Tgt Ion: 83 Resp: 5744

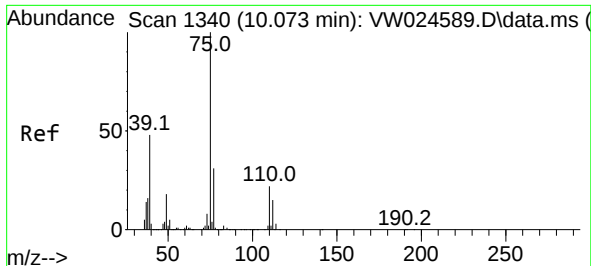
Ion Ratio Lower Upper

83 100

85 69.6 45.1 83.9

127 8.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 1.139 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

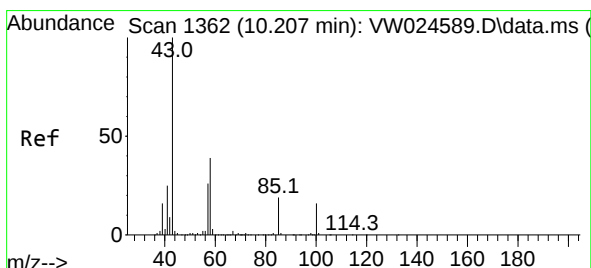
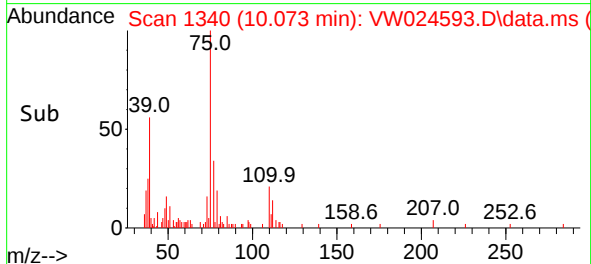
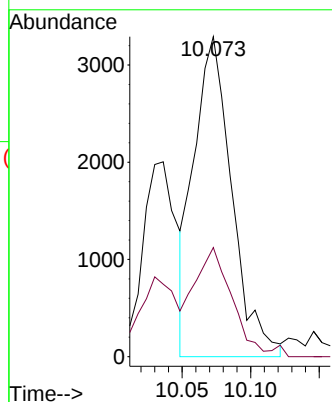
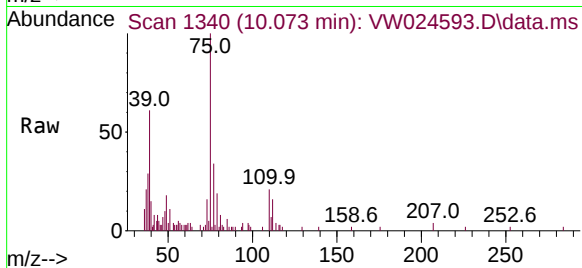
MDL-SOIL-QT4-2022-07

Tgt Ion: 75 Resp: 6310

Ion Ratio Lower Upper

75 100

77 34.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 2.132 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

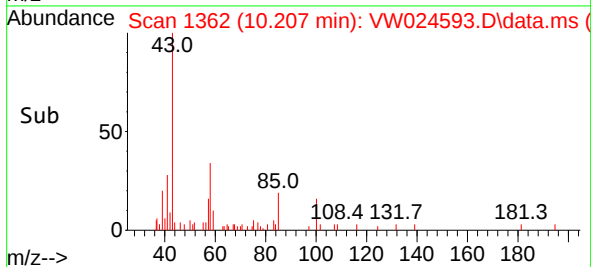
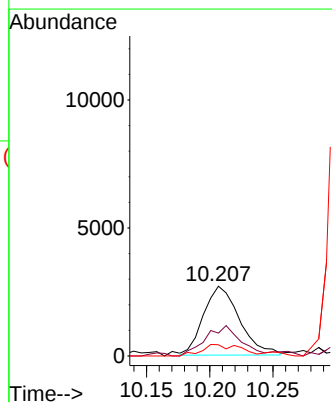
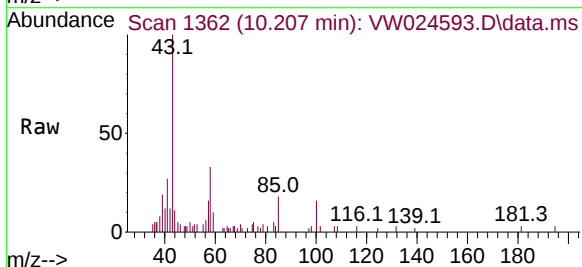
Tgt Ion: 43 Resp: 5329

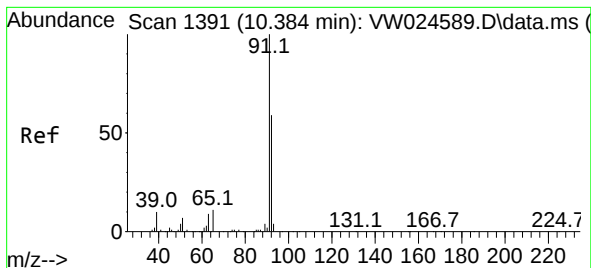
Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#

100 11.0 13.3 19.9#





#42

Toluene

Concen: 1.172 ug/L

RT: 10.390 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

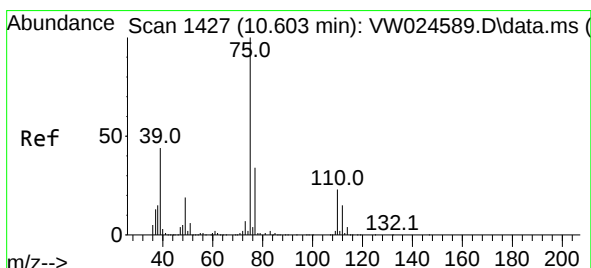
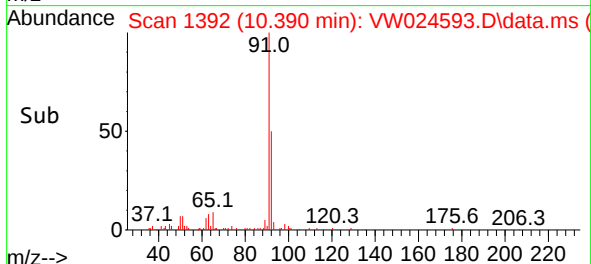
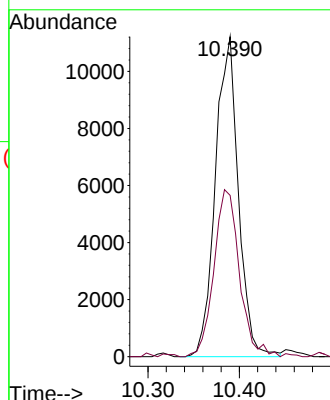
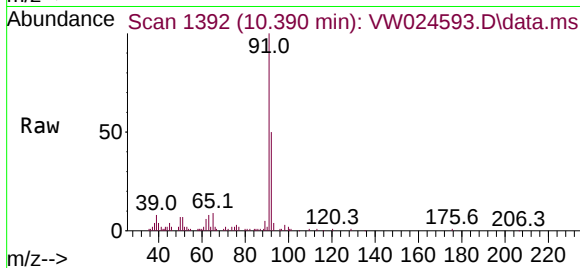
MDL-SOIL-QT4-2022-07

Tgt Ion: 91 Resp: 19599

Ion Ratio Lower Upper

91 100

92 50.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 1.437 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024593.D

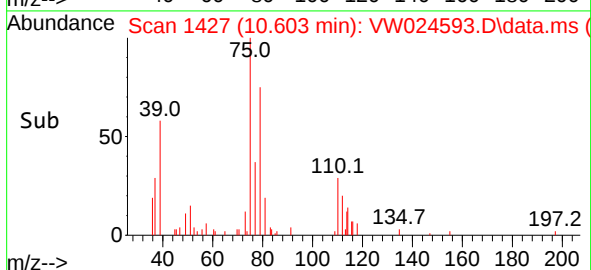
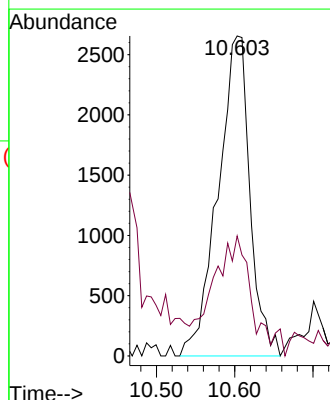
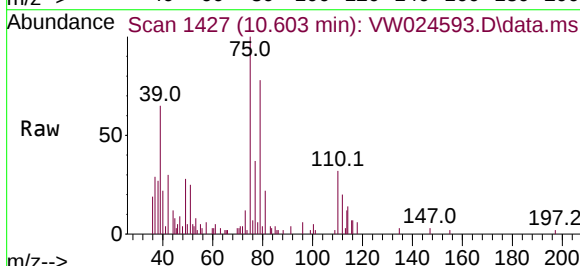
Acq: 09 Sep 2022 10:40

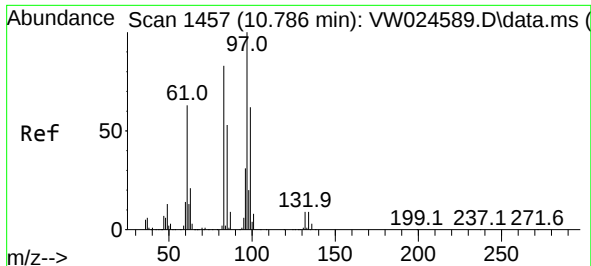
Tgt Ion: 75 Resp: 7519

Ion Ratio Lower Upper

75 100

77 37.5 21.8 40.4

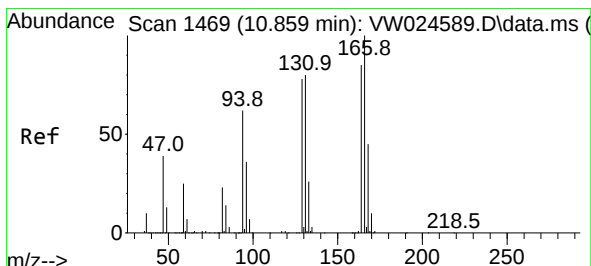
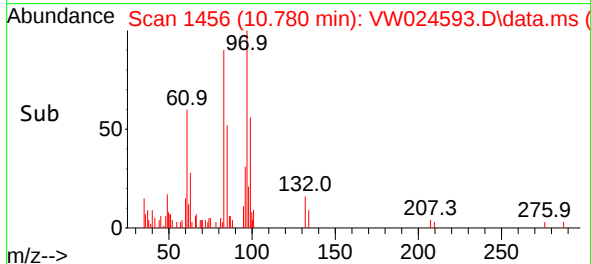
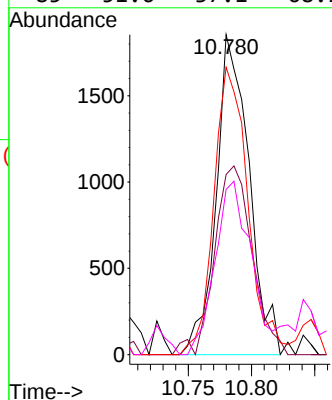
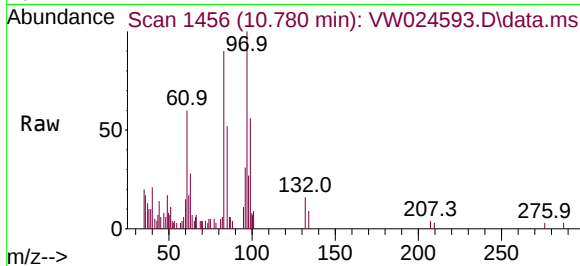




#45
1,1,2-Trichloroethane
Concen: 1.055 ug/L
RT: 10.780 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

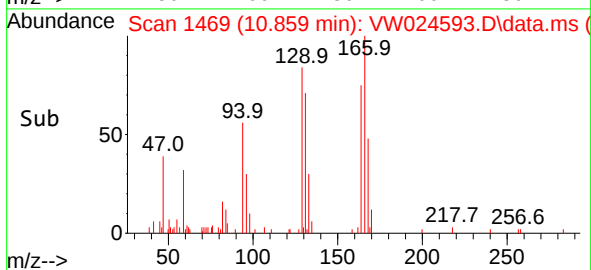
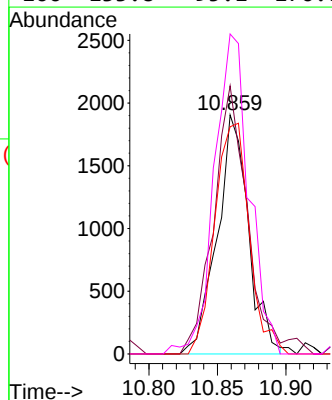
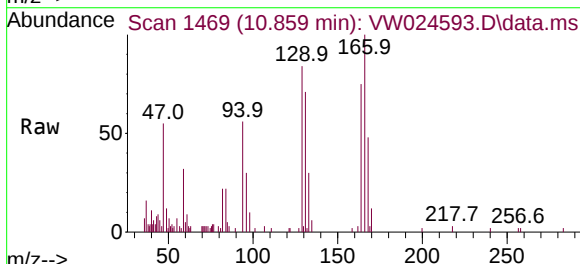
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07

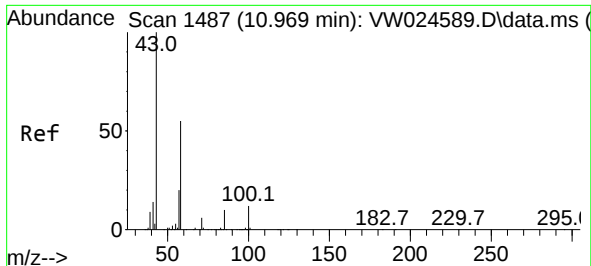
Tgt Ion: 97	Resp: 3340
Ion Ratio	Lower Upper
97 100	
99 56.3	41.9 77.9
83 89.8	58.2 108.0
85 51.6	37.1 68.9



#46
Tetrachloroethene
Concen: 1.035 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt	Ion:164	Resp:	3022
Ion	Ratio	Lower	Upper
164	100		
129	112.2	75.0	139.2
131	95.0	70.1	130.1
166	133.8	95.1	176.7

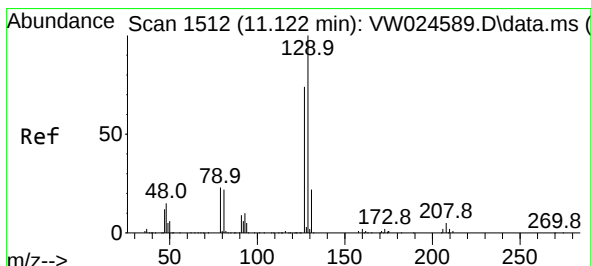
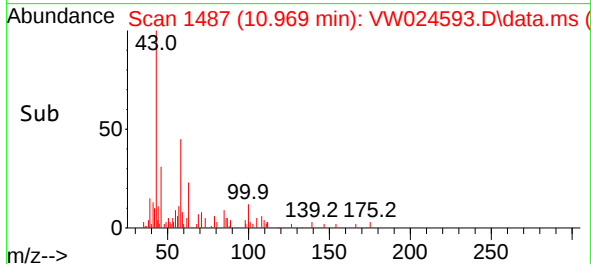
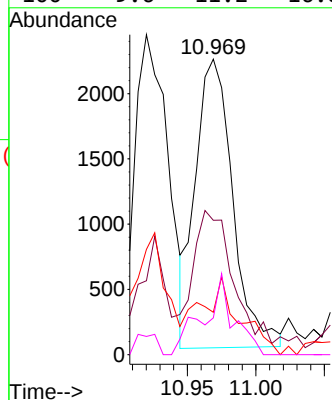
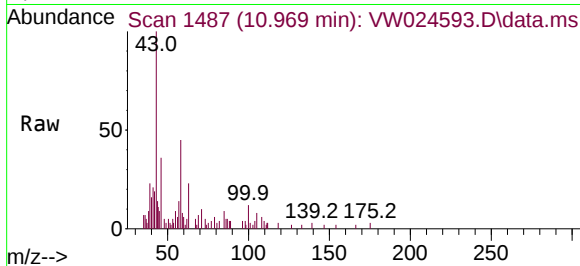




#48
2-Hexanone
Concen: 2.444 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

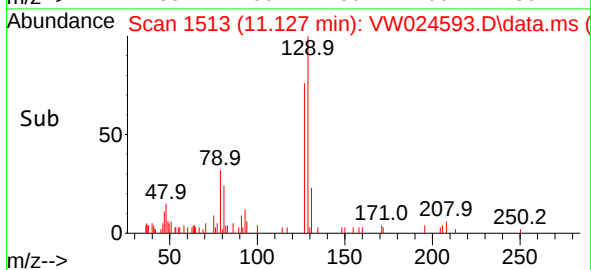
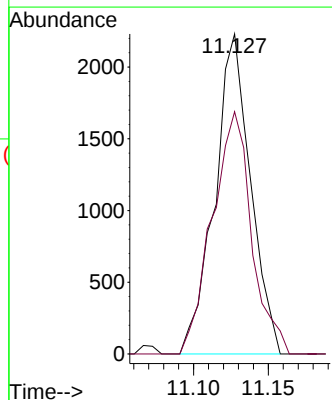
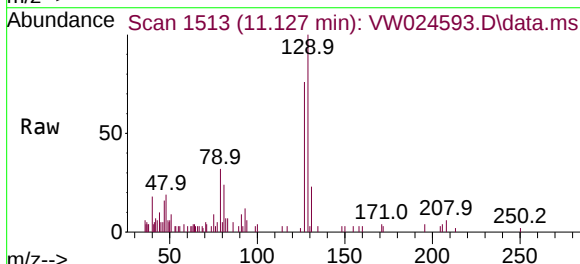
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07

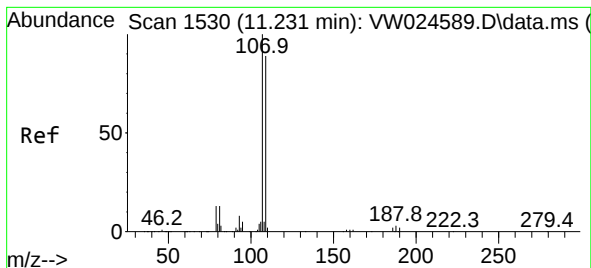
Tgt Ion:	43	Resp:	4189
Ion	Ratio	Lower	Upper
43	100		
58	57.8	43.7	65.5
57	8.2	15.3	22.9#
100	9.6	11.2	16.8#



#49
Dibromochloromethane
Concen: 1.003 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt Ion:	129	Resp:	3712
Ion	Ratio	Lower	Upper
129	100		
127	75.7	56.1	104.1

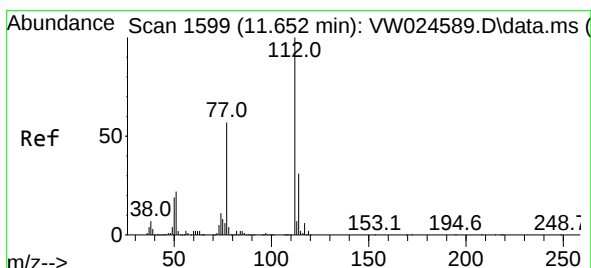
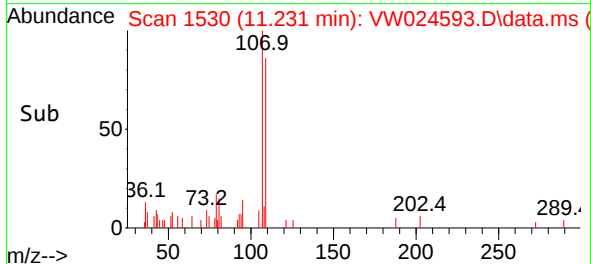
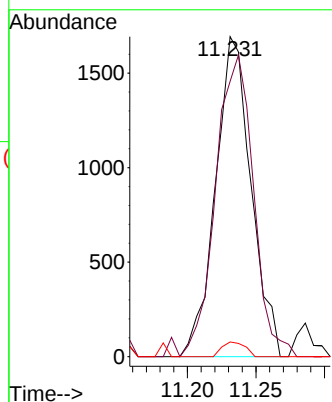
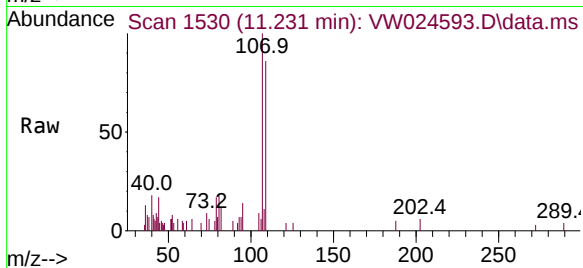




#50
1,2-Dibromoethane
Concen: 0.995 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

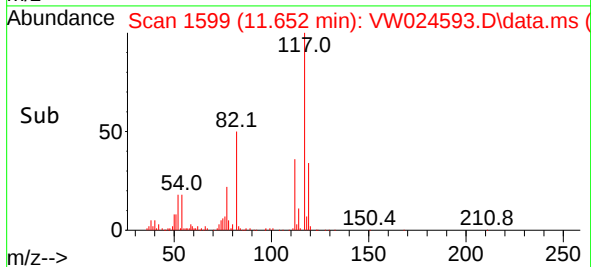
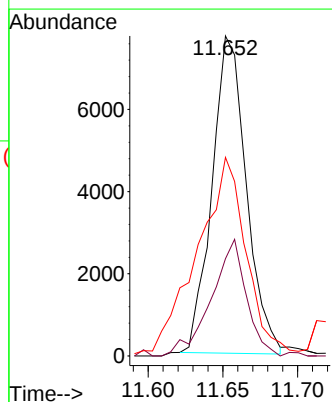
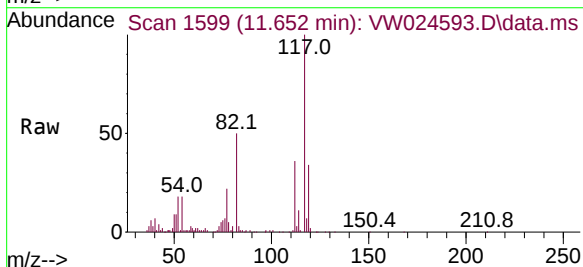
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2022-07

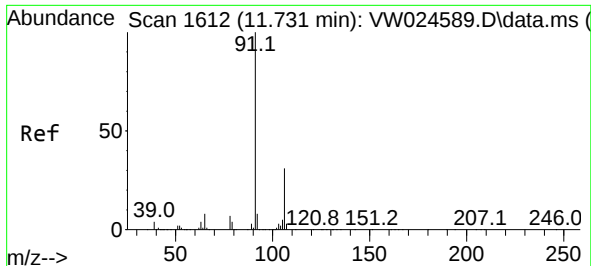
Tgt Ion:107 Resp: 3058
Ion Ratio Lower Upper
107 100
109 86.1 64.5 119.9
188 4.6 3.0 4.4#



#51
Chlorobenzene
Concen: 1.067 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt Ion:112 Resp: 12333
Ion Ratio Lower Upper
112 100
114 30.4 20.0 37.2
77 62.1 42.6 63.8

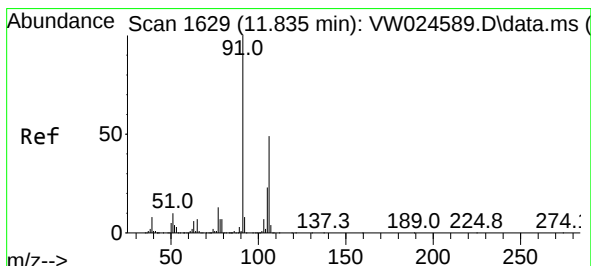
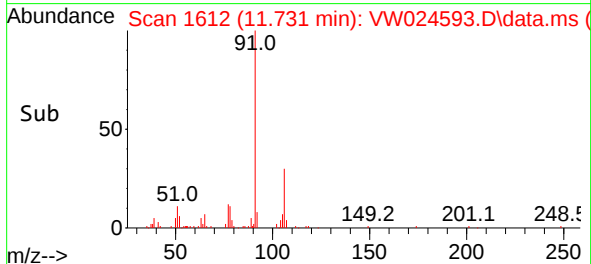
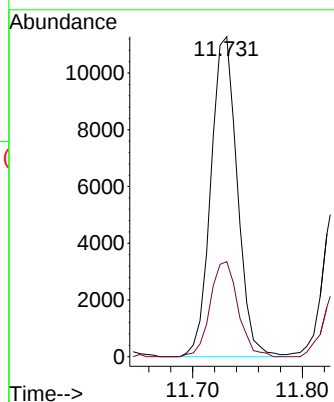
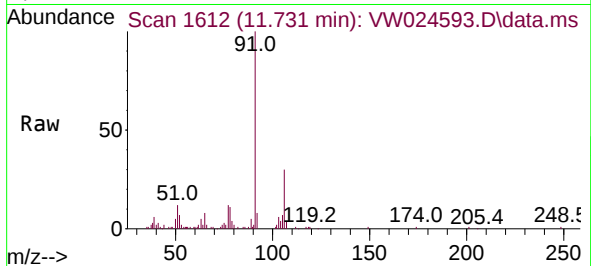




#52
Ethylbenzene
Concen: 0.996 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

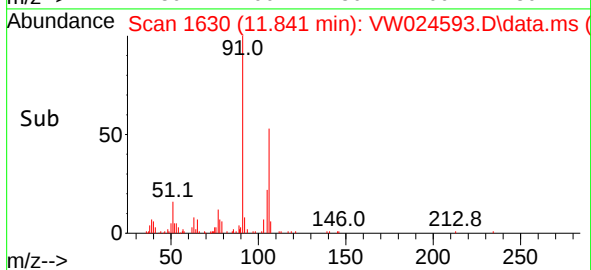
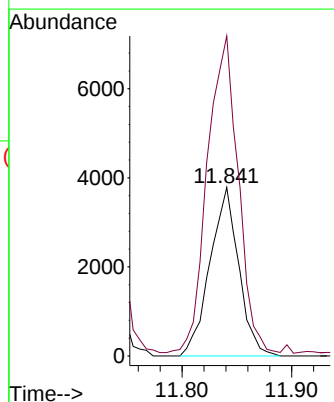
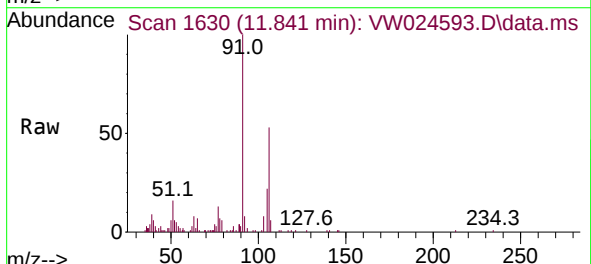
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07

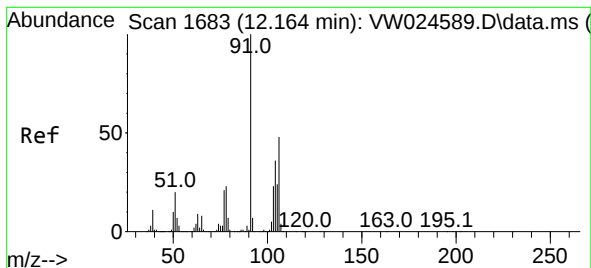
Tgt Ion: 91 Resp: 18912
Ion Ratio Lower Upper
91 100
106 29.7 23.8 44.2



#53
m,p-Xylene
Concen: 0.932 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt Ion: 106 Resp: 6917
Ion Ratio Lower Upper
106 100
91 190.0 131.3 243.8





#54

o-Xylene

Concen: 0.876 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

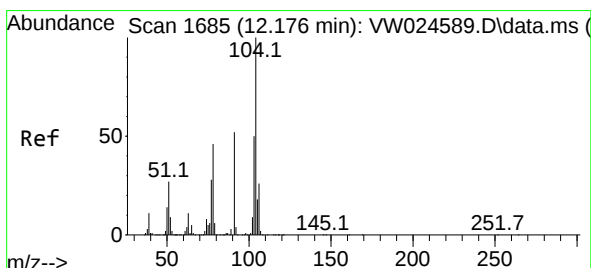
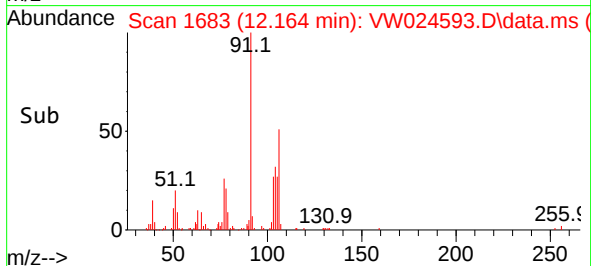
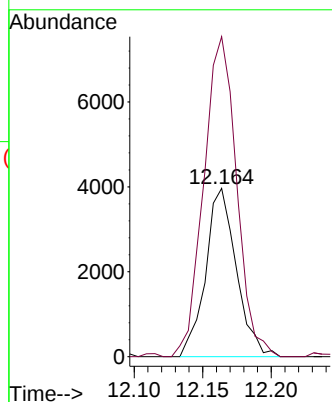
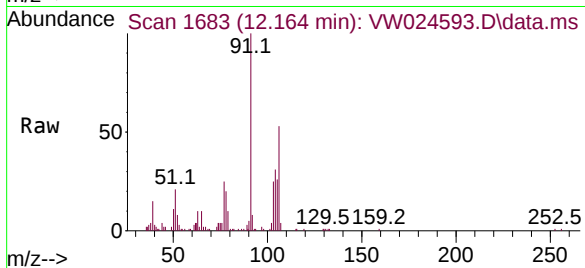
MDL-SOIL-QT4-2022-07

Tgt Ion:106 Resp: 6190

Ion Ratio Lower Upper

106 100

91 190.2 148.7 276.3



#55

Styrene

Concen: 0.738 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024593.D

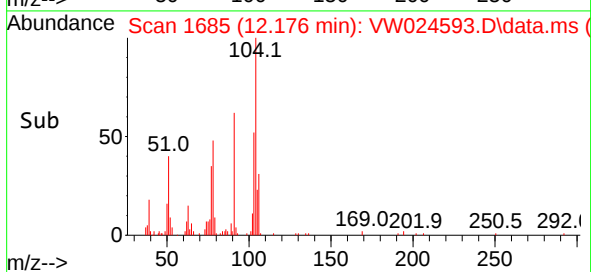
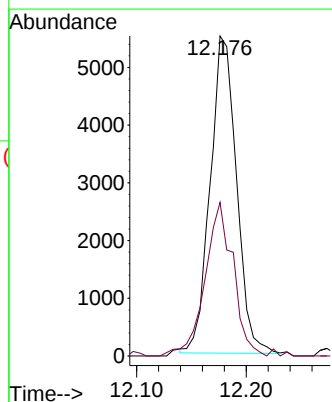
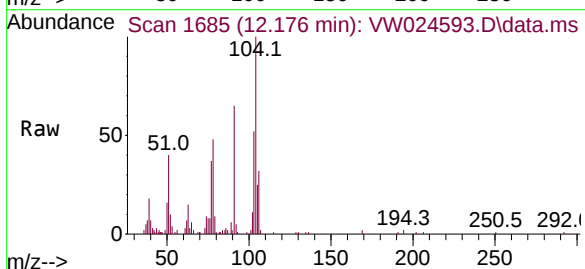
Acq: 09 Sep 2022 10:40

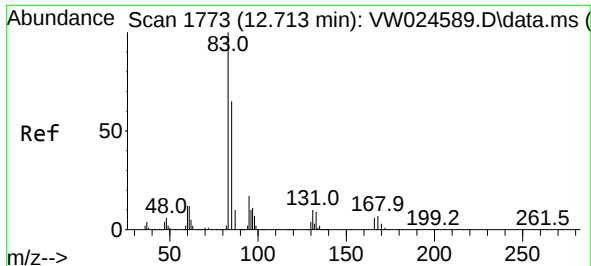
Tgt Ion:104 Resp: 9172

Ion Ratio Lower Upper

104 100

78 48.0 33.0 61.4





#57

1,1,2-Tetrachloroethane

Concen: 1.240 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-07

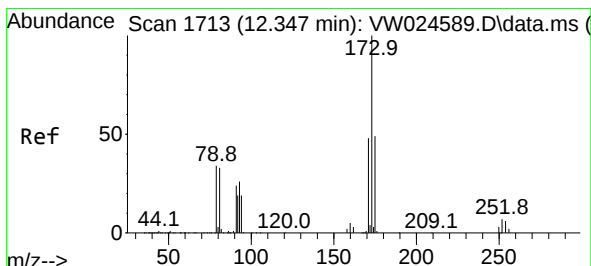
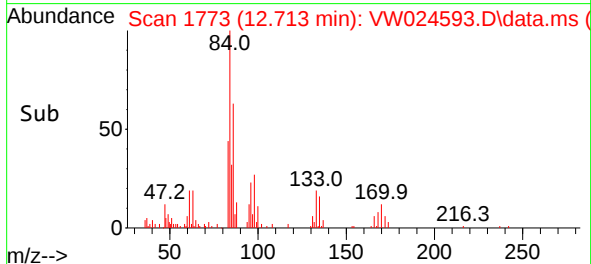
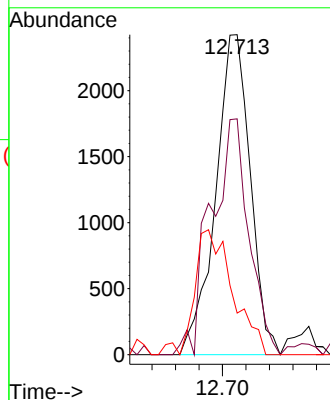
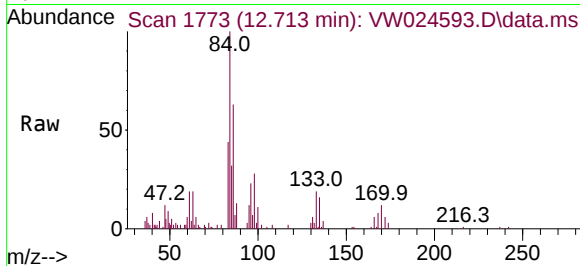
Tgt Ion: 83 Resp: 4972

Ion Ratio Lower Upper

83 100

85 73.7 45.6 84.8

131 13.0 9.0 13.4



#59

Bromoform

Concen: 0.946 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

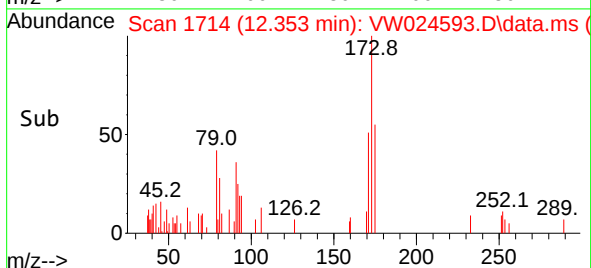
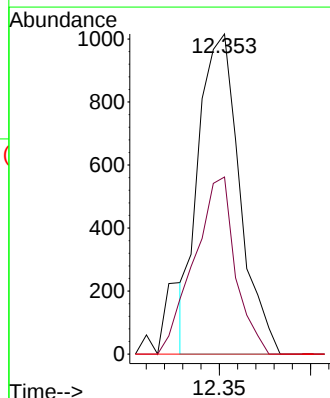
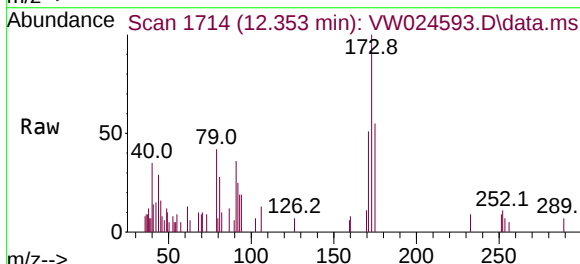
Tgt Ion: 173 Resp: 1585

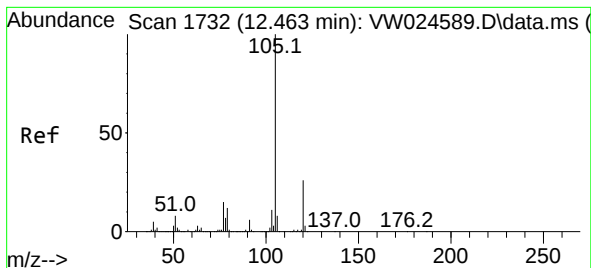
Ion Ratio Lower Upper

173 100

175 55.5 40.5 60.7

254 0.0 6.4 9.6#





#60

Isopropylbenzene

Concen: 0.941 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

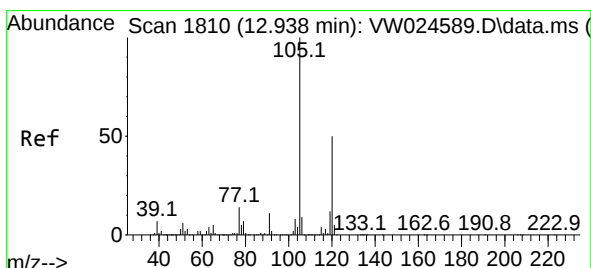
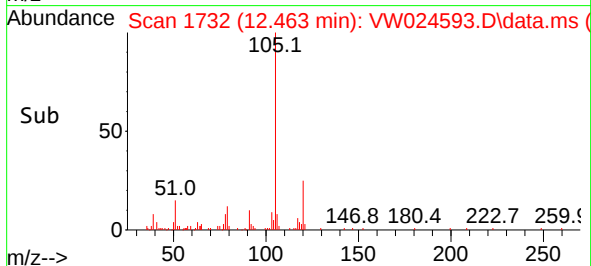
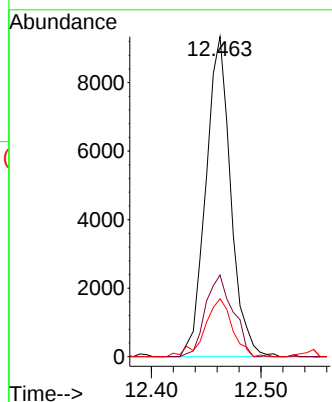
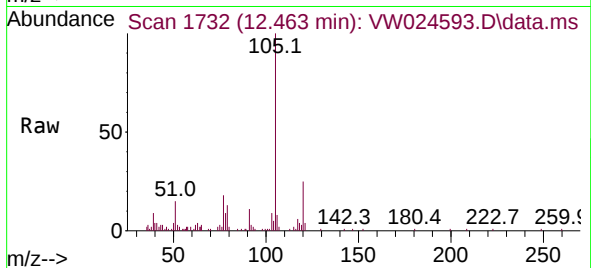
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-07

Tgt Ion:	105	Resp:	14690
Ion	Ratio	Lower	Upper
105	100		
120	28.2	20.9	31.3
77	19.9	12.6	19.0



#62

1,3,5-Trimethylbenzene

Concen: 0.827 ug/L

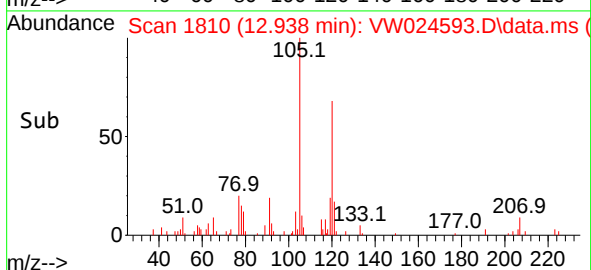
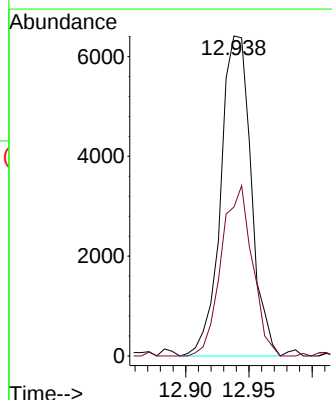
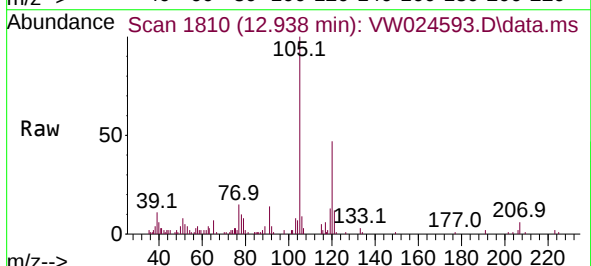
RT: 12.938 min Scan# 1810

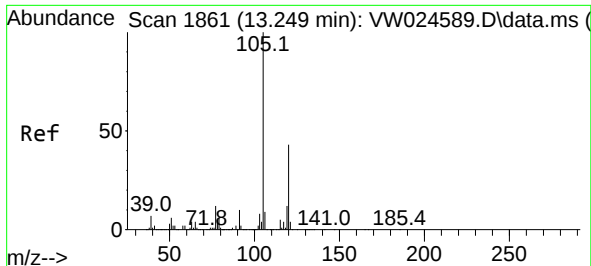
Delta R.T. -0.000 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Tgt Ion:	105	Resp:	10714
Ion	Ratio	Lower	Upper
105	100		
120	54.2	39.5	59.3

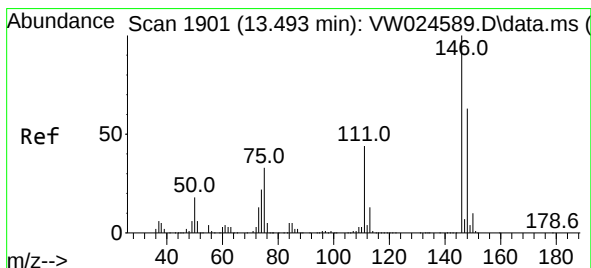
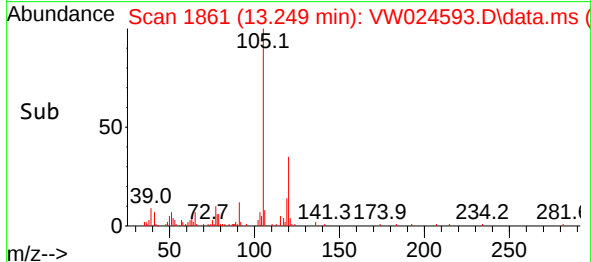
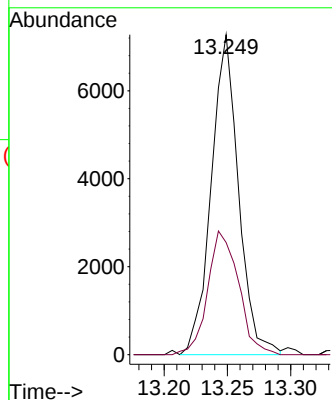
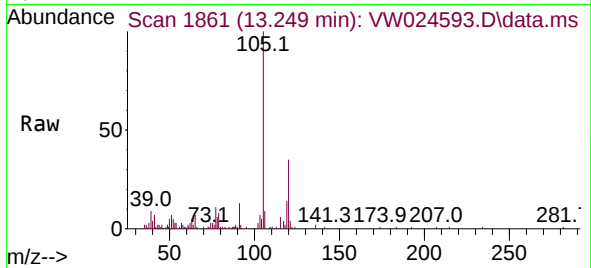




#63
1,2,4-Trimethylbenzene
Concen: 0.847 ug/L
RT: 13.249 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

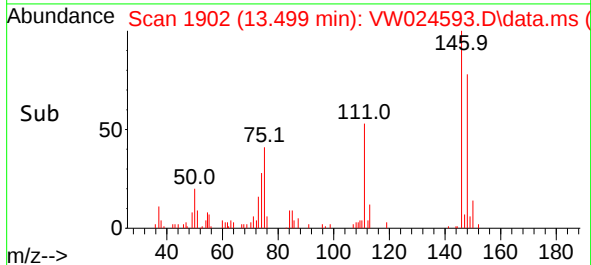
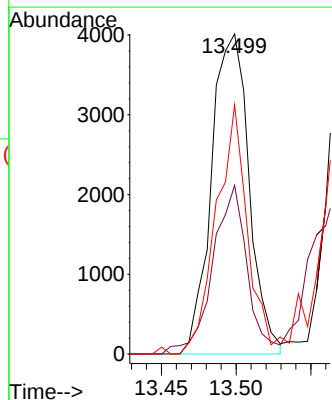
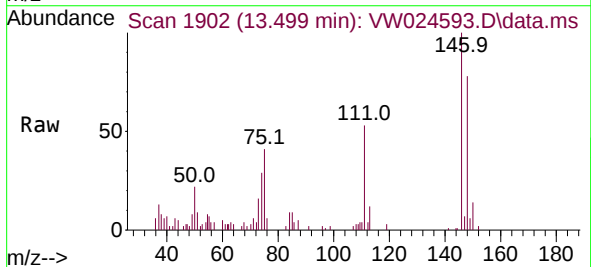
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07

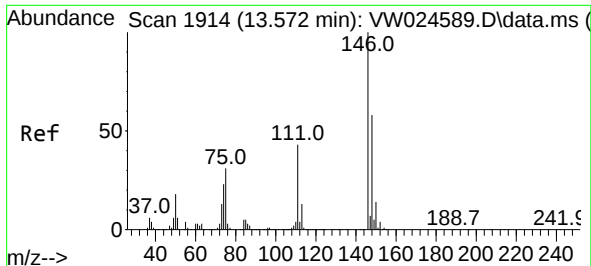
Tgt Ion:105 Resp: 10927
Ion Ratio Lower Upper
105 100
120 43.6 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 1.001 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt Ion:146 Resp: 7039
Ion Ratio Lower Upper
146 100
111 52.7 28.3 52.5#
148 77.9 42.2 78.4

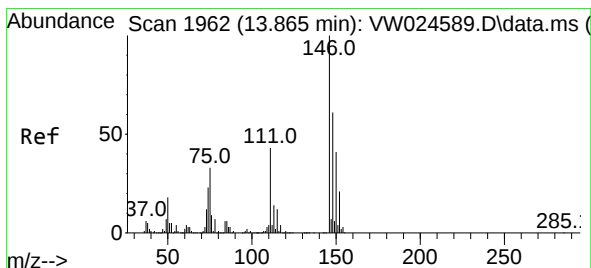
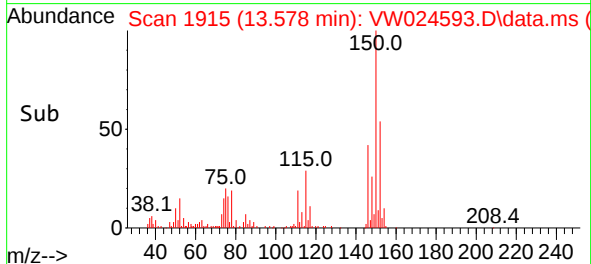
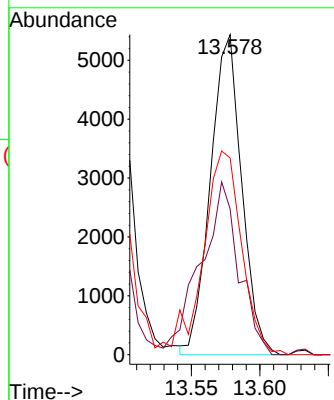
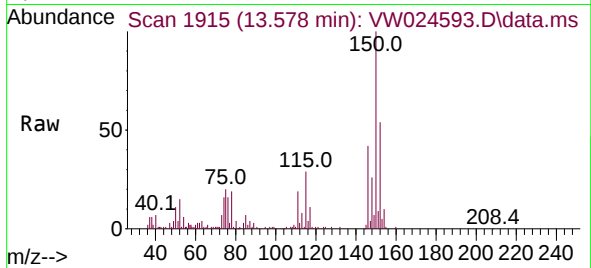




#65
1,4-Dichlorobenzene
Concen: 1.164 ug/L
RT: 13.578 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

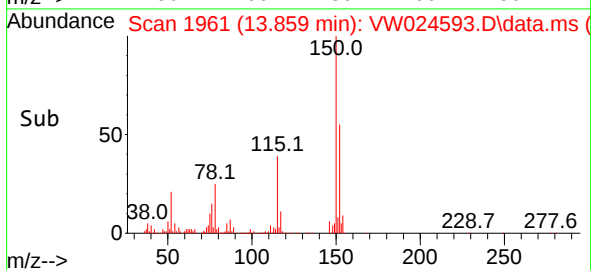
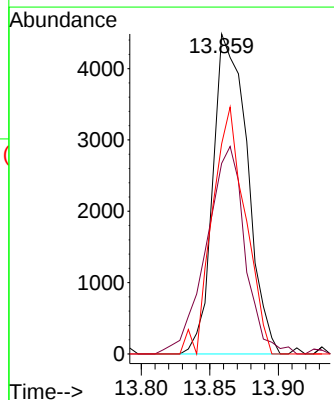
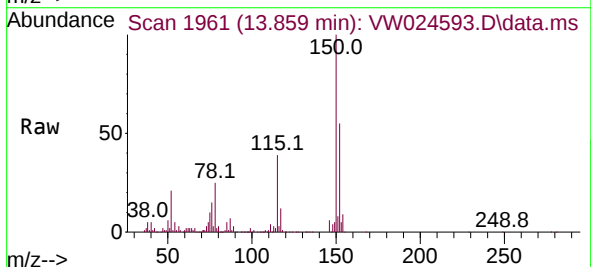
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-07

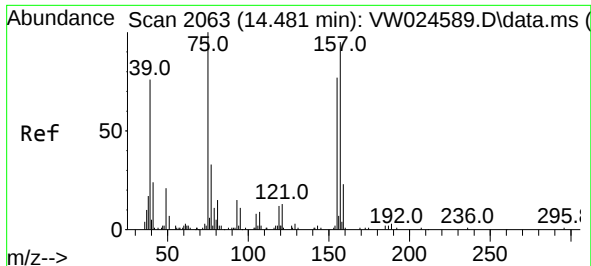
Tgt Ion:146	Resp:	8624	
Ion	Ratio	Lower	Upper
146	100		
111	45.6	29.3	54.3
148	61.5	45.9	85.3



#67
1,2-Dichlorobenzene
Concen: 1.191 ug/L
RT: 13.859 min Scan# 1961
Delta R.T. -0.006 min
Lab File: VW024593.D
Acq: 09 Sep 2022 10:40

Tgt Ion:146	Resp:	7811	
Ion	Ratio	Lower	Upper
146	100		
111	59.5	32.2	48.4#
148	65.6	48.3	72.5





#68

1,2-Dibromo-3-chloropropane

Concen: 2.395 ug/L

RT: 14.621 min Scan# 2063

Delta R.T. 0.140 min

Lab File: VW024593.D

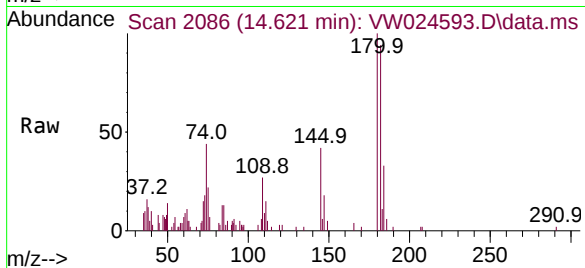
Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-07



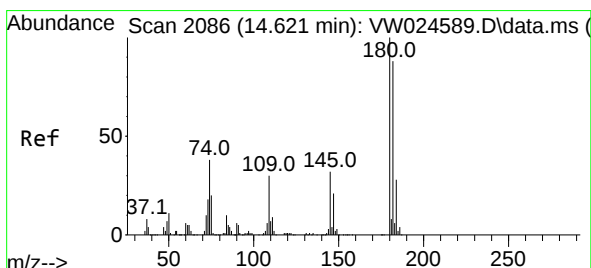
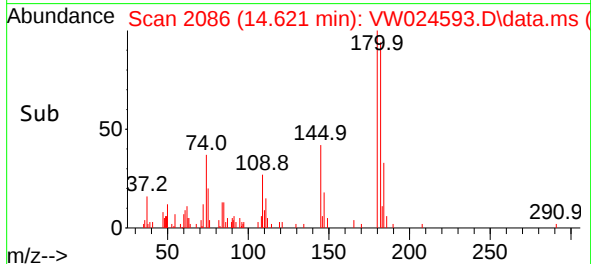
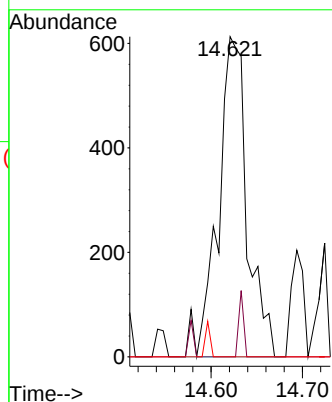
Tgt Ion: 75 Resp: 1351

Ion Ratio Lower Upper

75 100

155 0.0 66.3 99.5#

157 0.0 77.6 116.4#



#69

1,3,5-Trichlorobenzene

Concen: 0.740 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.512 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Tgt Ion:180 Resp: 3378

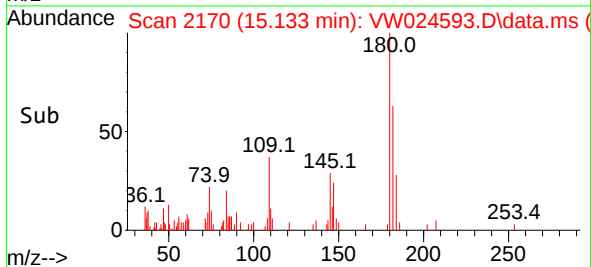
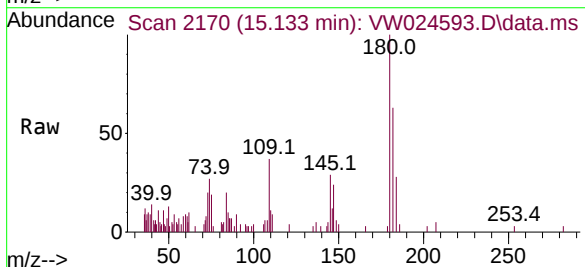
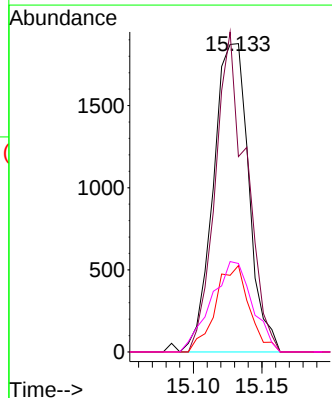
Ion Ratio Lower Upper

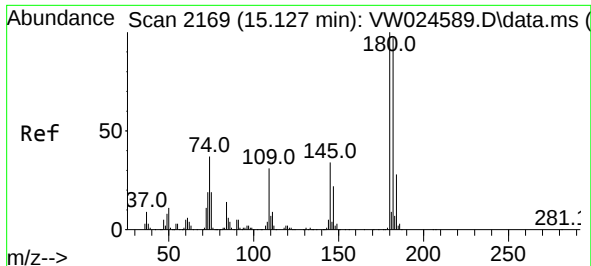
180 100

182 90.5 72.4 108.6

184 26.9 22.8 34.2

145 34.2 26.2 39.2





#70

1,2,4-trichlorobenzene

Concen: 0.932 ug/L

RT: 15.133 min Scan# 2169

Delta R.T. 0.006 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-07

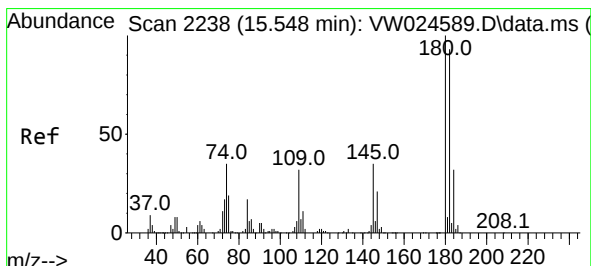
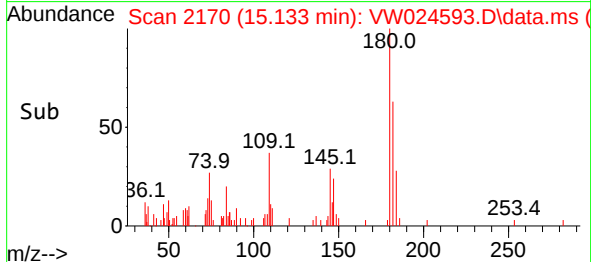
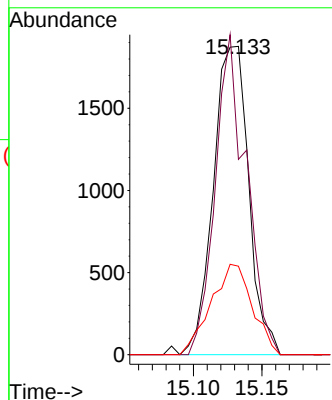
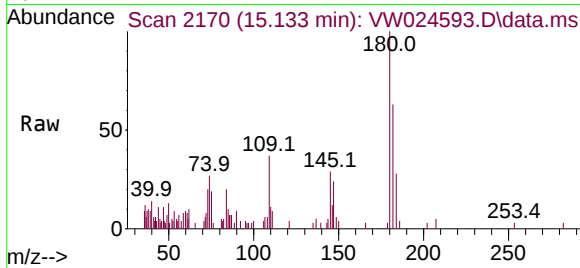
Tgt Ion:180 Resp: 3378

Ion Ratio Lower Upper

180 100

182 90.5 73.8 110.6

145 34.2 26.6 39.8



#72

1,2,3-Trichlorobenzene

Concen: 0.857 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024593.D

Acq: 09 Sep 2022 10:40

Tgt Ion:180 Resp: 2888

Ion Ratio Lower Upper

180 100

182 87.8 78.7 118.1

145 36.8 28.1 42.1

