

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024594.D
 Acq On : 09 Sep 2022 11:04
 Operator : SY/VA
 Sample : N4519-04 MDL
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2022-08

Quant Time: Sep 10 00:40:07 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	8.842	114	263151	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	273535	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	121243	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	153036	28.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.680%
7) Chloroethane-d5	2.873	69	111405	27.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.320%
11) 1,1-Dichloroethene-d2	4.007	63	98815	17.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.960%
21) 2-Butanone-d5	7.074	46	38990	44.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.980%
24) Chloroform-d	7.647	84	153157	22.852	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	8.305	65	95307	25.221	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.880%
32) Benzene-d6	8.275	84	312329	23.213	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	9.275	67	90357	22.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	10.323	98	292224	22.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.120%
43) trans-1,3-Dichloroprop...	10.579	79	37647	21.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.921	63	32629	44.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.500%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	78960	20.766	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	91984	23.953	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	1656	1.314	ug/L	95
14) Carbon disulfide	4.373	76	8602	1.081	ug/L #	90
17) trans-1,2-Dichloroethene	5.422	96	3625	1.052	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	4601	0.750	ug/L #	67
19) 1,1-Dichloroethane	6.202	63	4375	0.698	ug/L #	86
23) Bromochloromethane	7.507	128	1453	0.821	ug/L #	91
25) Chloroform	7.671	83	8051	1.156	ug/L	96
29) Cyclohexane	7.958	56	4951	0.935	ug/L	94
30) 1,1,1-Trichloroethane	7.866	97	6236	1.040	ug/L	93
31) Carbon tetrachloride	8.067	117	5281	0.964	ug/L	97
33) Benzene	8.323	78	17207	1.108	ug/L	100
34) Trichloroethene	9.086	95	4594	1.133	ug/L	89
35) Methylcyclohexane	9.335	83	6152	0.948	ug/L	90
37) 1,2-Dichloropropane	9.366	63	3926	1.013	ug/L #	95
38) Bromodichloromethane	9.646	83	5536	1.010	ug/L	91
39) cis-1,3-Dichloropropene	10.073	75	4987	0.880	ug/L	91
40) 4-Methyl-2-pentanone	10.207	43	4971	1.944	ug/L	95
42) Toluene	10.384	91	18518	1.082	ug/L	93
44) trans-1,3-Dichloropropene	10.604	75	7634	1.426	ug/L	92

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

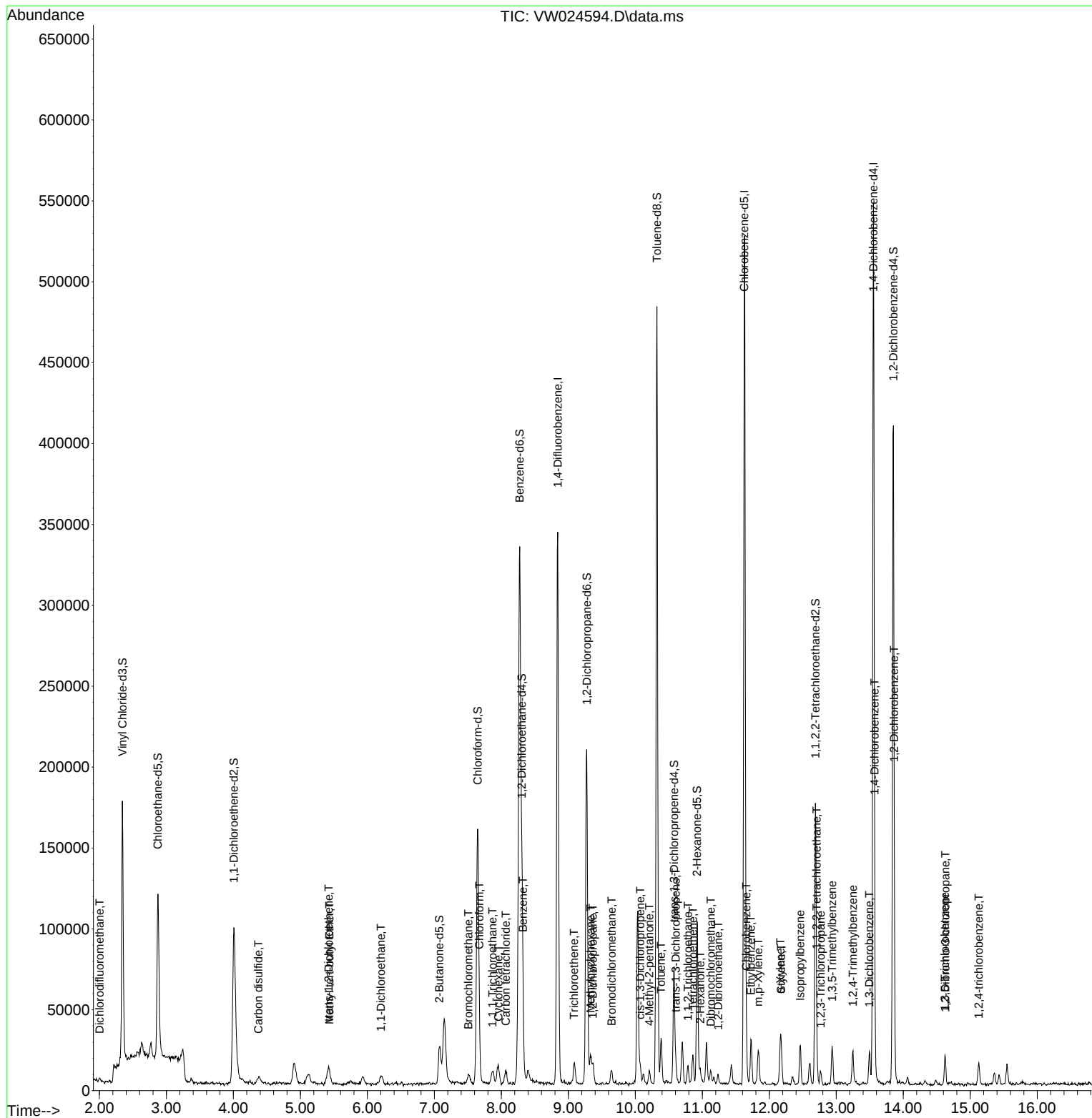
45) 1,1,2-Trichloroethane	10.786	97	3443	1.062	ug/L #	81
46) Tetrachloroethene	10.860	164	3243	1.085	ug/L	87
48) 2-Hexanone	10.969	43	3812	2.173	ug/L #	84
49) Dibromochloromethane	11.128	129	3673	0.970	ug/L	93
50) 1,2-Dibromoethane	11.238	107	2980	0.948	ug/L #	84
51) Chlorobenzene	11.658	112	12386	1.048	ug/L #	88
52) Ethylbenzene	11.725	91	17919	0.922	ug/L	88
53) m,p-Xylene	11.835	106	6668	0.878	ug/L	77
54) o-Xylene	12.164	106	5883	0.814	ug/L	85
55) Styrene	12.176	104	8781	0.690	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.707	83	4516	1.101	ug/L #	85
60) Isopropylbenzene	12.463	105	14085	0.858	ug/L #	94
61) 1,2,3-Trichloropropane	12.768	75	2785	1.110	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	10587	0.777	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	10257	0.756	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	6947	0.939	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	9226	1.183	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	8625	1.250	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.627	75	1241	2.091	ug/L #	4
69) 1,3,5-Trichlorobenzene	14.621	180	4414	0.919	ug/L #	93
70) 1,2,4-trichlorobenzene	15.127	180	3540	0.929	ug/L	92

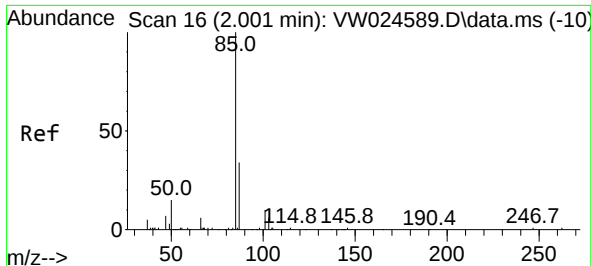
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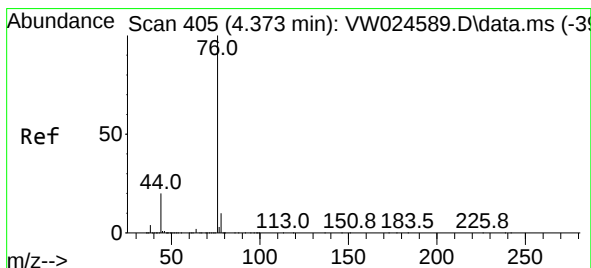
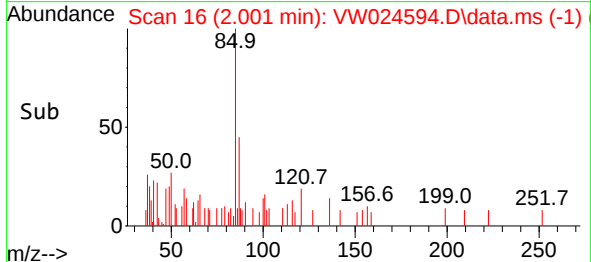
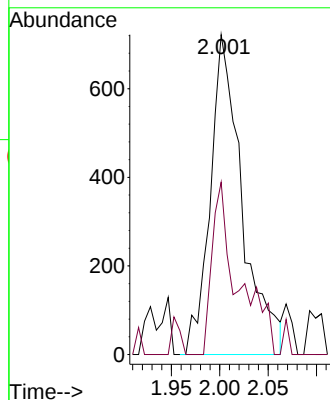
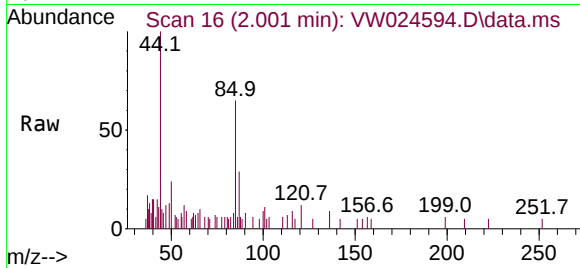




#2
Dichlorodifluoromethane
Concen: 1.314 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

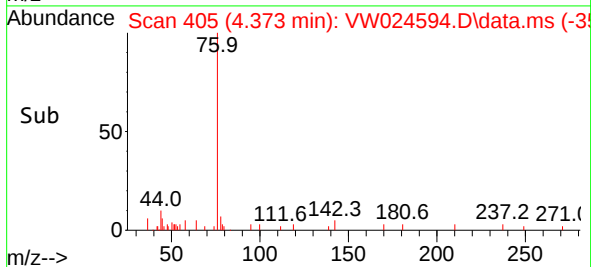
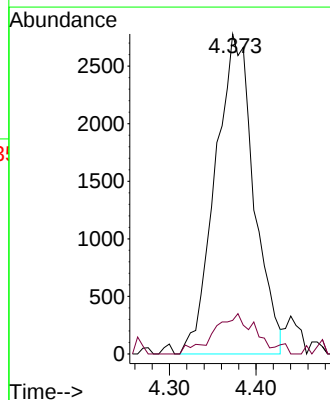
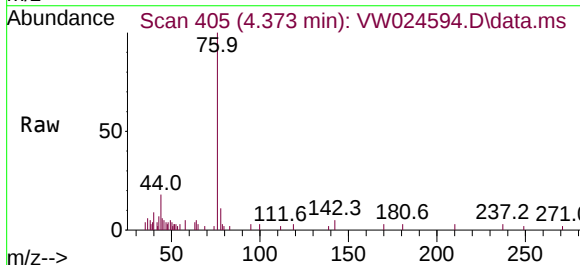
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-08

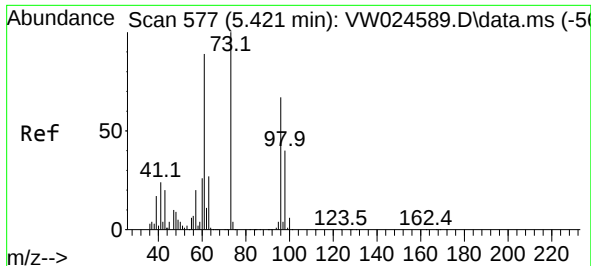
Tgt Ion: 85 Resp: 1656
Ion Ratio Lower Upper
85 100
87 27.2 24.2 36.2



#14
Carbon disulfide
Concen: 1.081 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion: 76 Resp: 8602
Ion Ratio Lower Upper
76 100
78 13.2 7.5 11.3#

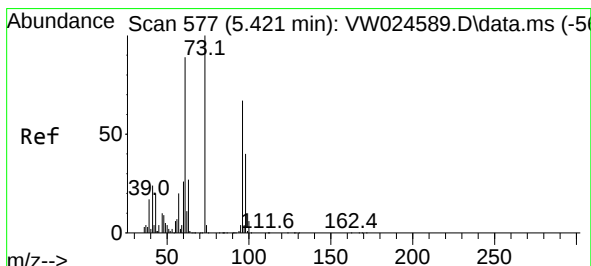
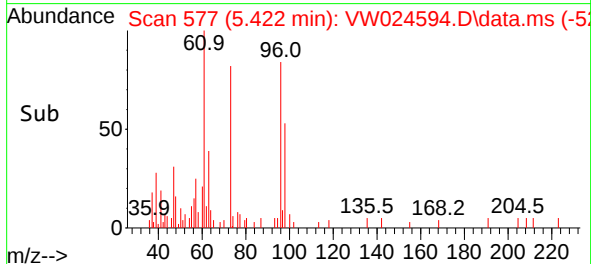
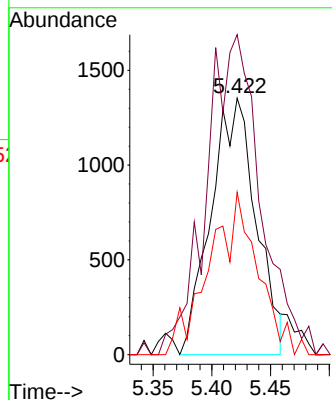
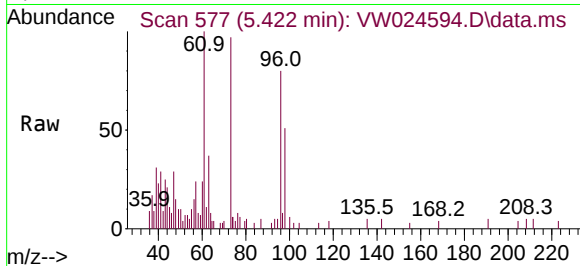




#17
trans-1,2-Dichloroethene
Concen: 1.052 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

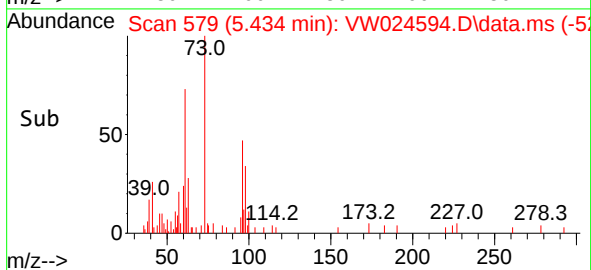
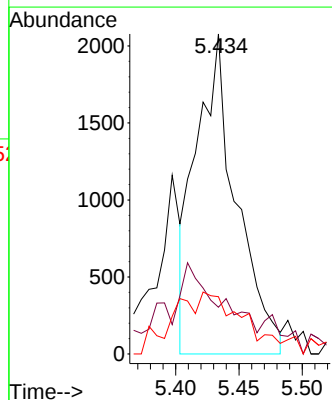
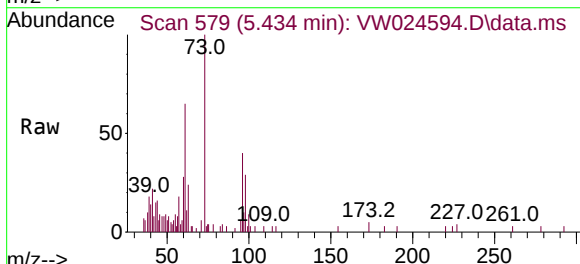
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-08

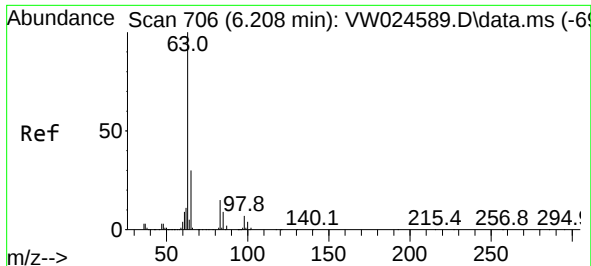
Tgt Ion: 96 Resp: 3625
Ion Ratio Lower Upper
96 100
61 124.8 91.7 170.3
98 63.3 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 0.750 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion: 73 Resp: 4601
Ion Ratio Lower Upper
73 100
43 0.0 16.7 25.1#
57 11.1 16.8 25.2#





#19

1,1-Dichloroethane

Concen: 0.698 ug/L

RT: 6.202 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW024594.D

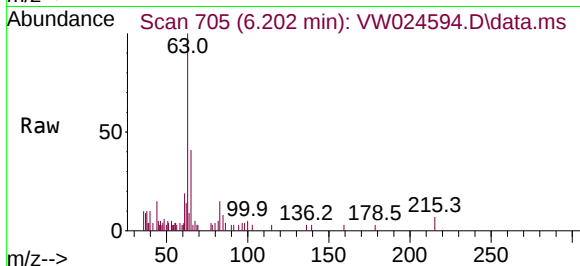
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Instrument :

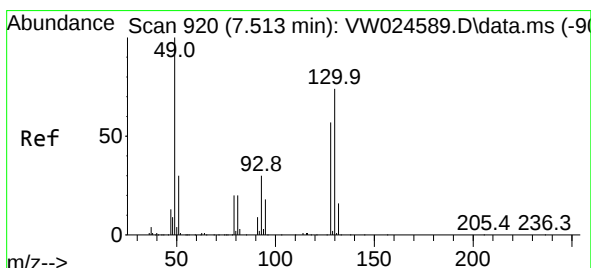
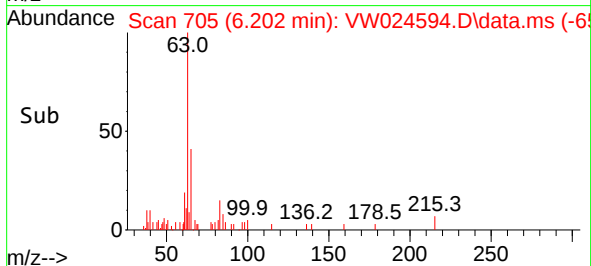
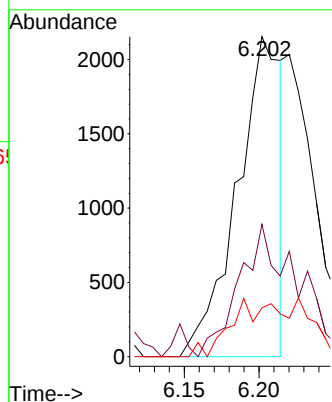
MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-08



Tgt Ion:	63	Resp:	4375
Ion Ratio	100	Lower	Upper
63	100		
65	41.3	22.0	41.0#
83	15.2	9.5	17.7



#23

Bromochloromethane

Concen: 0.821 ug/L

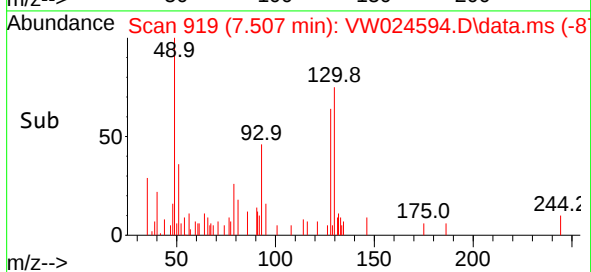
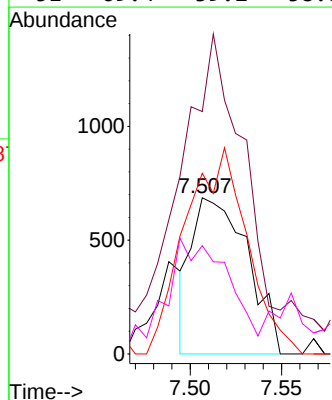
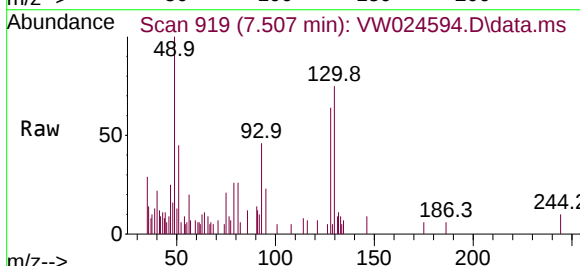
RT: 7.507 min Scan# 919

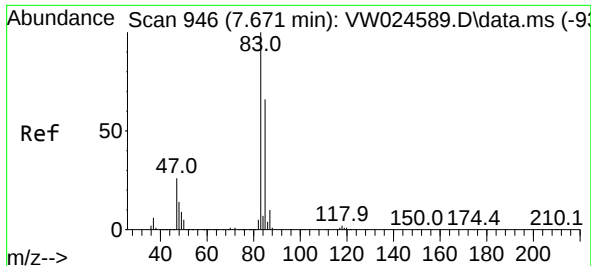
Delta R.T. -0.006 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

Tgt Ion:	128	Resp:	1453
Ion Ratio	100	Lower	Upper
128	100		
49	155.2	110.0	204.2
130	115.7	88.3	163.9
51	69.4	39.2	58.8#





#25

Chloroform

Concen: 1.156 ug/L

RT: 7.671 min Scan# 946

Delta R.T. 0.000 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

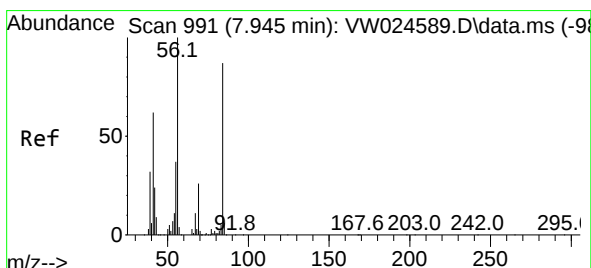
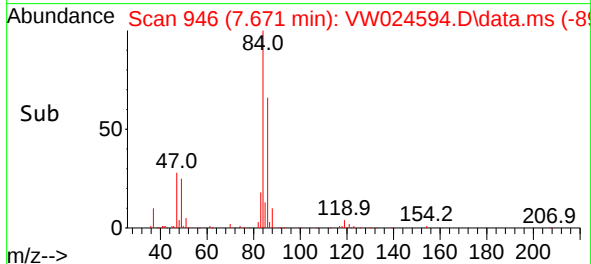
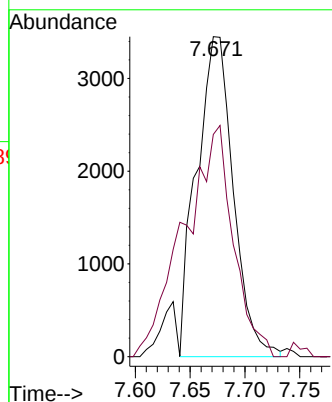
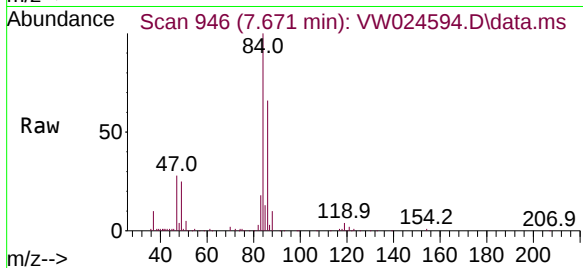
MDL-SOIL-QT4-2022-08

Tgt Ion: 83 Resp: 8051

Ion Ratio Lower Upper

83 100

85 69.4 46.4 86.2



#29

Cyclohexane

Concen: 0.935 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.012 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

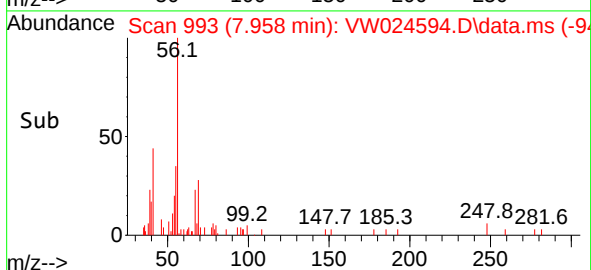
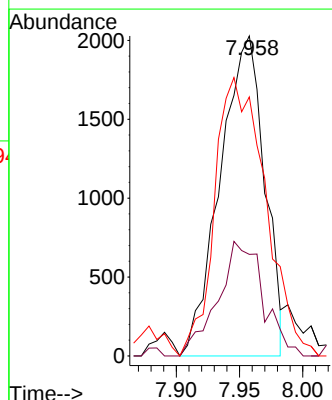
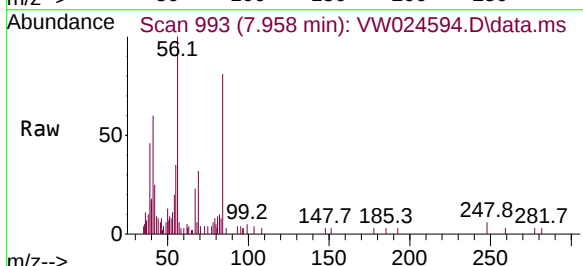
Tgt Ion: 56 Resp: 4951

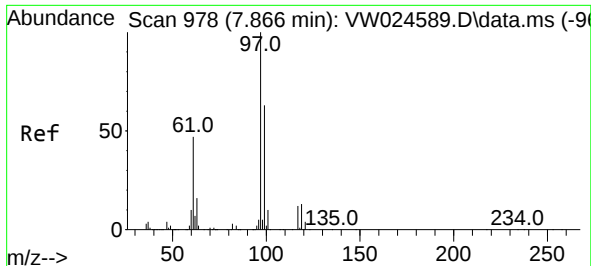
Ion Ratio Lower Upper

56 100

69 26.0 24.5 36.7

84 99.3 75.7 113.5

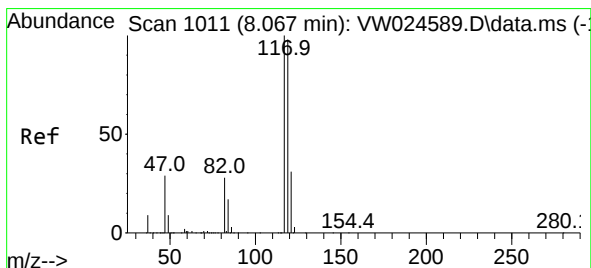
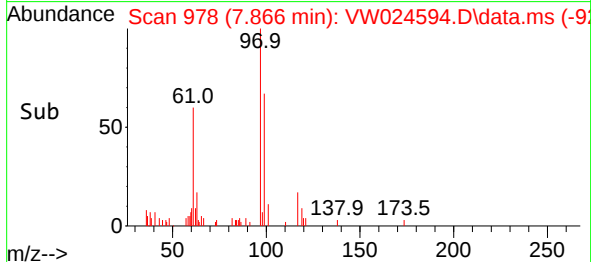
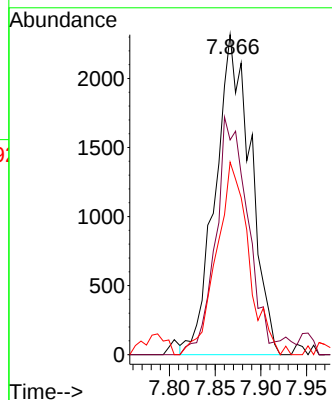
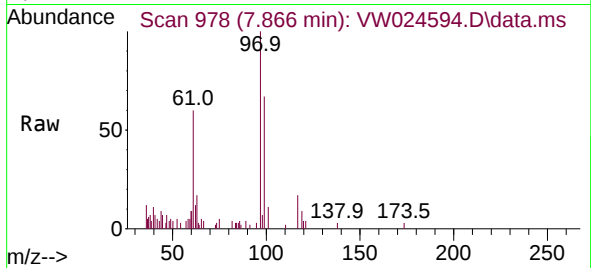




#30
1,1,1-Trichloroethane
Concen: 1.040 ug/L
RT: 7.866 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

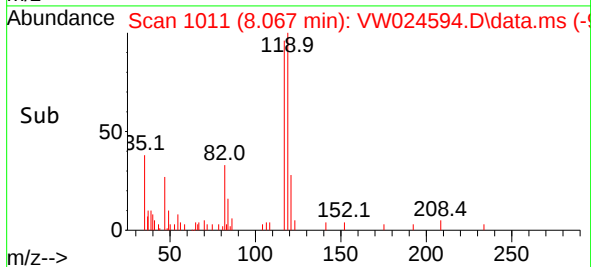
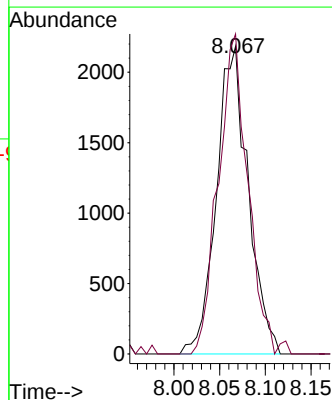
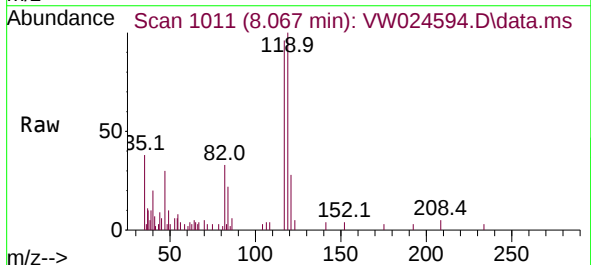
Instrument :
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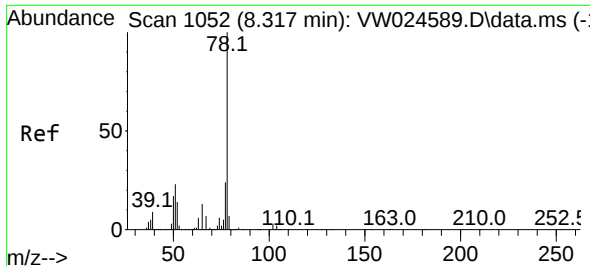
Tgt Ion: 97	Resp: 6236
Ion Ratio	Lower Upper
97 100	
99 66.7	51.5 77.3
61 54.6	37.2 55.8



#31
Carbon tetrachloride
Concen: 0.964 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion:117	Resp:	5281	
Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.4	111.6

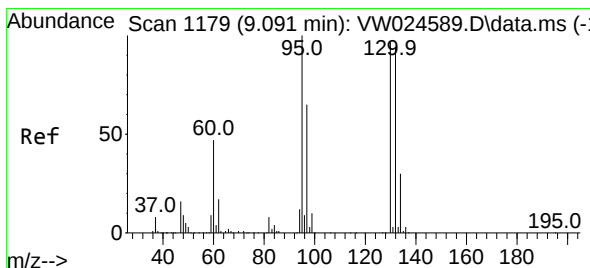
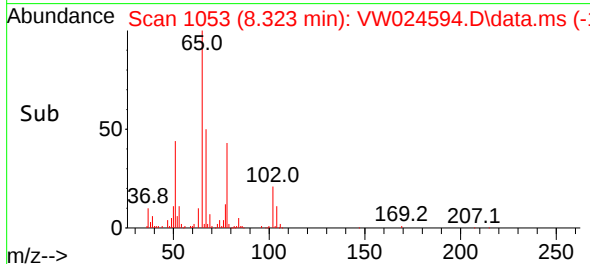
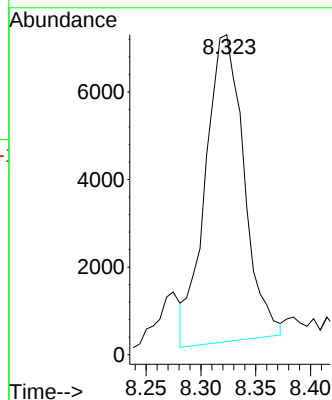
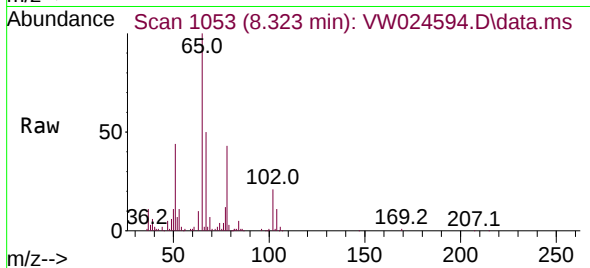




#33
Benzene
Concen: 1.108 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-08

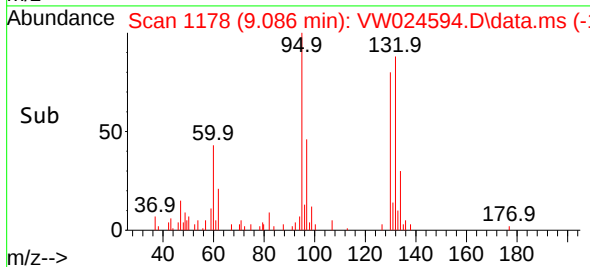
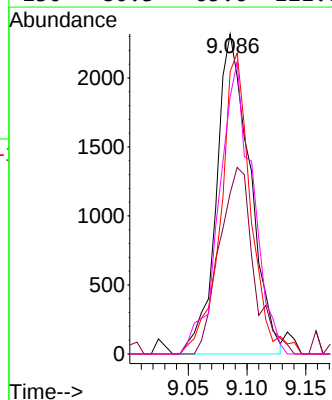
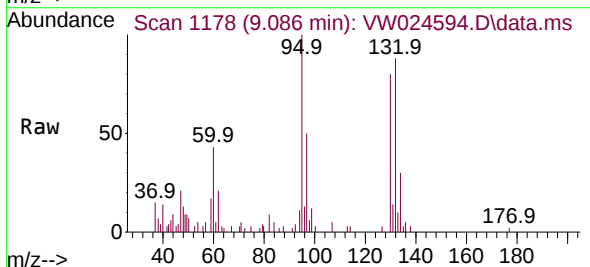
Tgt Ion: 78 Resp: 17207

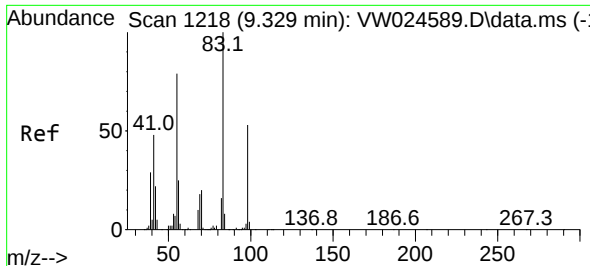


#34
Trichloroethene
Concen: 1.133 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion: 95 Resp: 4594

Ion	Ratio	Lower	Upper
95	100		
97	50.2	45.9	85.3
132	88.2	62.6	116.2
130	80.3	65.6	121.8





#35

Methylcyclohexane

Concen: 0.948 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-08

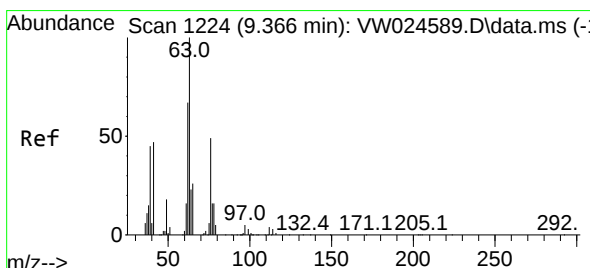
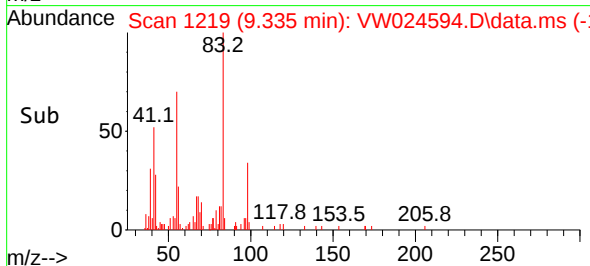
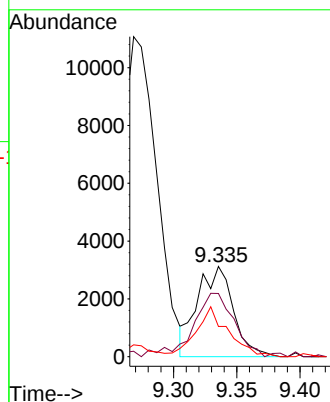
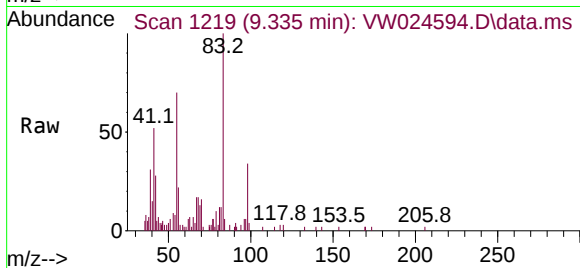
Tgt Ion: 83 Resp: 6152

Ion Ratio Lower Upper

83 100

55 80.1 57.3 85.9

98 44.4 40.4 60.6



#37

1,2-Dichloropropane

Concen: 1.013 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW024594.D

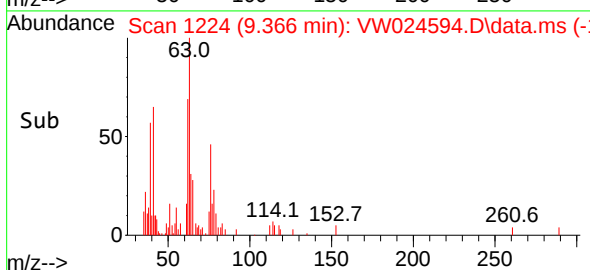
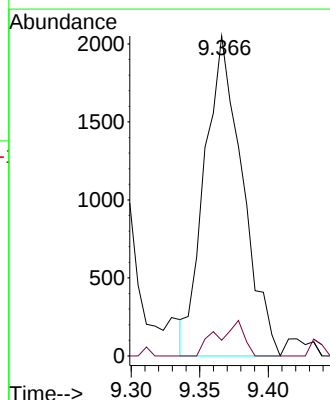
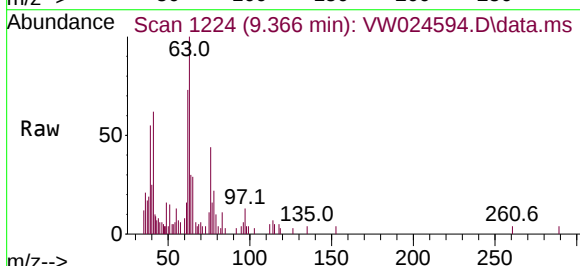
Acq: 09 Sep 2022 11:04

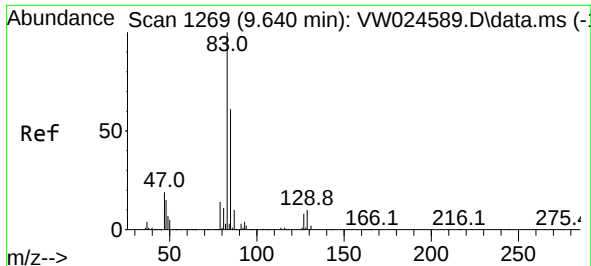
Tgt Ion: 63 Resp: 3926

Ion Ratio Lower Upper

63 100

112 3.4 3.9 5.9#

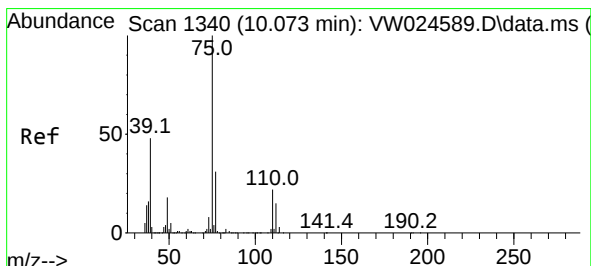
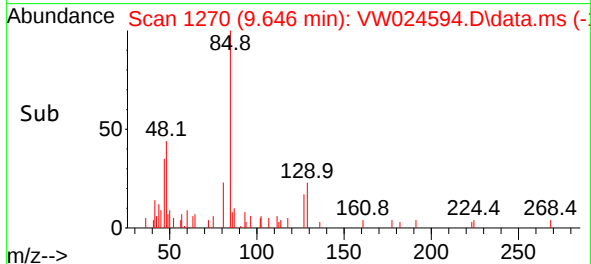
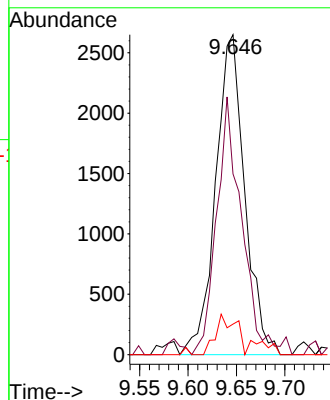
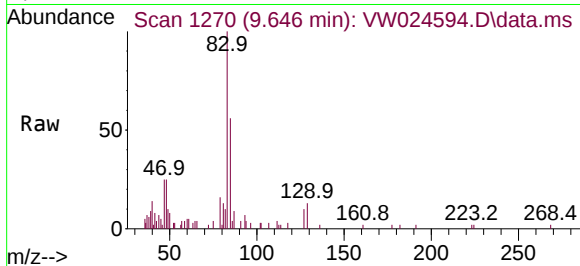




#38
Bromodichloromethane
Concen: 1.010 ug/L
RT: 9.646 min Scan# 1269
Delta R.T. 0.006 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

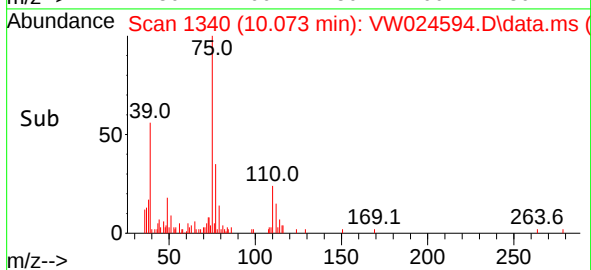
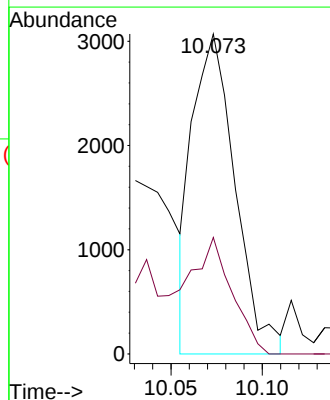
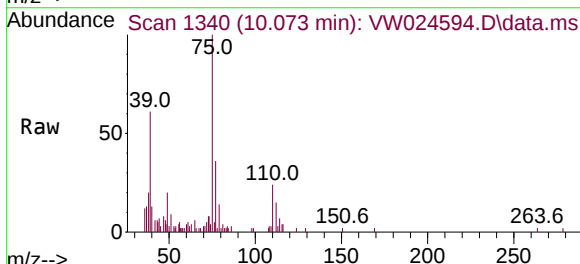
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-08

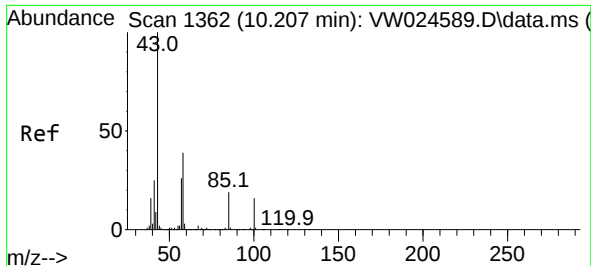
Tgt Ion:	83	Resp:	5536
Ion	Ratio	Lower	Upper
83	100		
85	56.5	45.1	83.9
127	9.5	7.3	10.9



#39
cis-1,3-Dichloropropene
Concen: 0.880 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion:	75	Resp:	4987
Ion	Ratio	Lower	Upper
75	100		
77	36.4	21.9	40.7

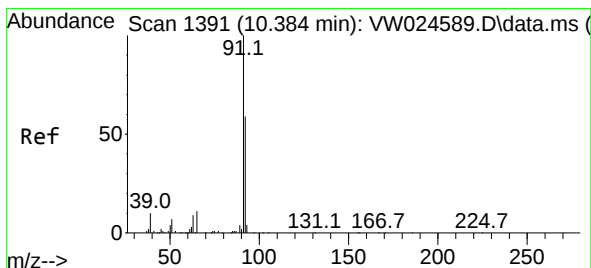
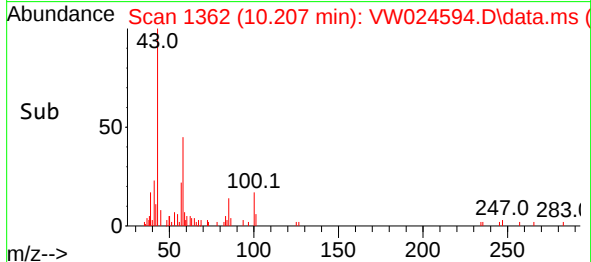
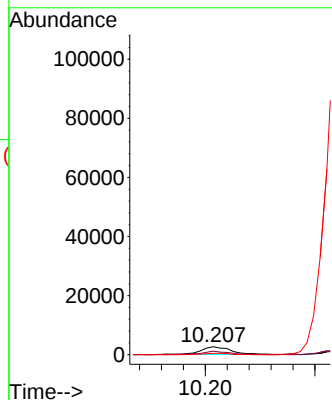
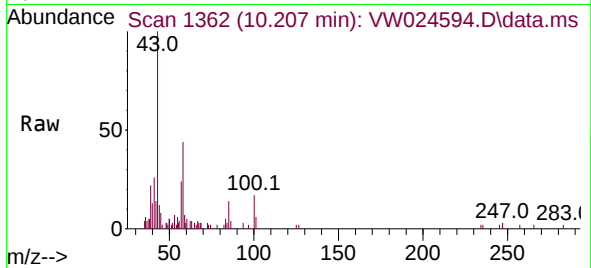




#40
4-Methyl-2-pentanone
Concen: 1.944 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

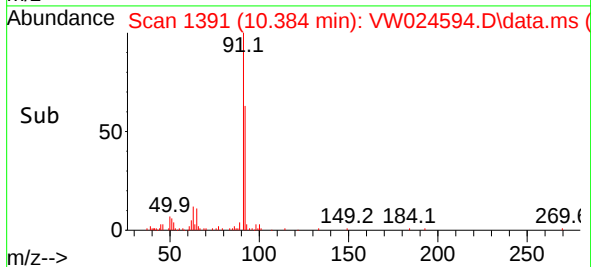
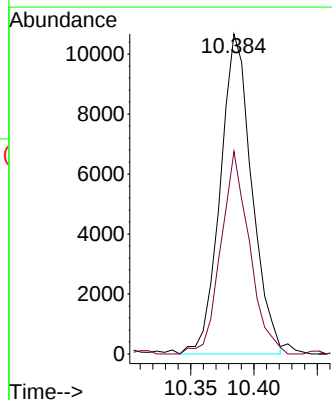
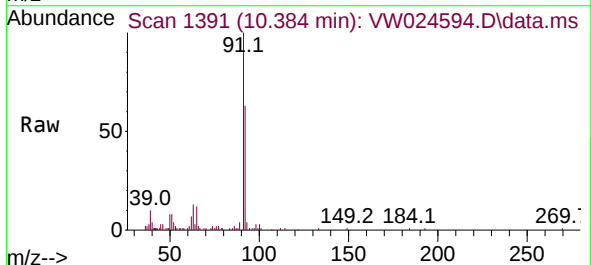
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-08

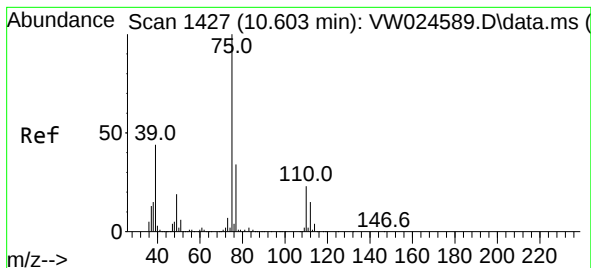
Tgt Ion:	43	Resp:	4971
Ion	Ratio	Lower	Upper
43	100		
58	42.4	30.9	46.3
100	16.1	13.3	19.9



#42
Toluene
Concen: 1.082 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion:	91	Resp:	18518
Ion	Ratio	Lower	Upper
91	100		
92	63.3	40.8	75.8





#44

trans-1,3-Dichloropropene

Concen: 1.426 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

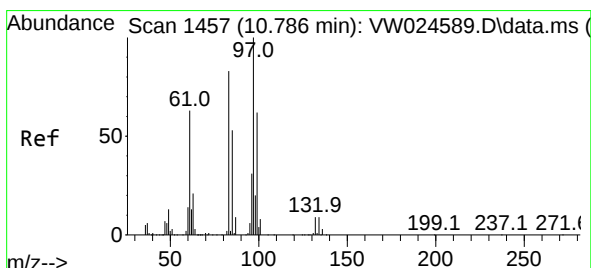
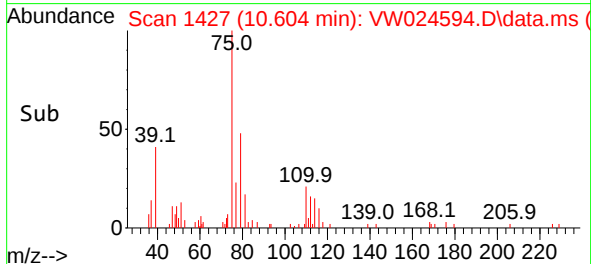
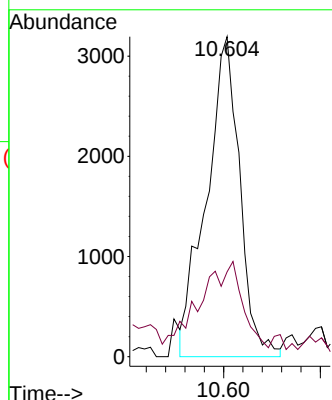
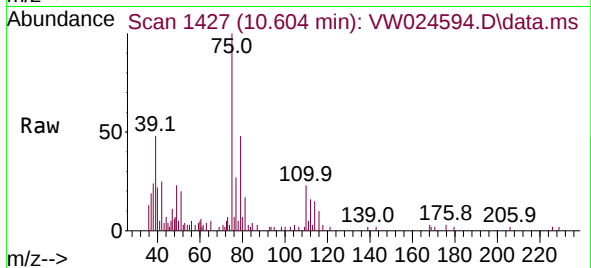
MDL-SOIL-QT4-2022-08

Tgt Ion: 75 Resp: 7634

Ion Ratio Lower Upper

75 100

77 26.5 21.8 40.4



#45

1,1,2-Trichloroethane

Concen: 1.062 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

Tgt Ion: 97 Resp: 3443

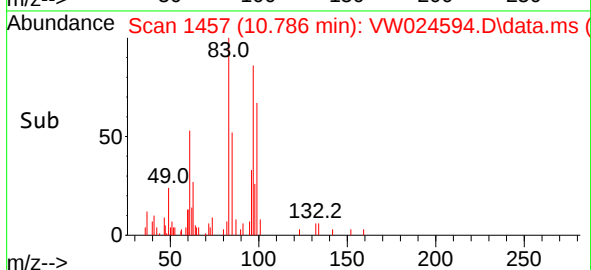
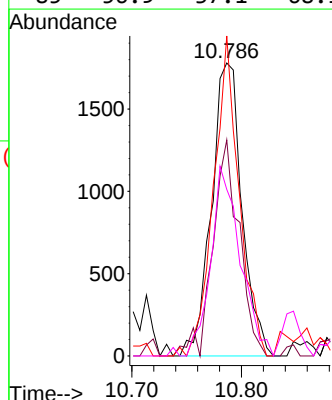
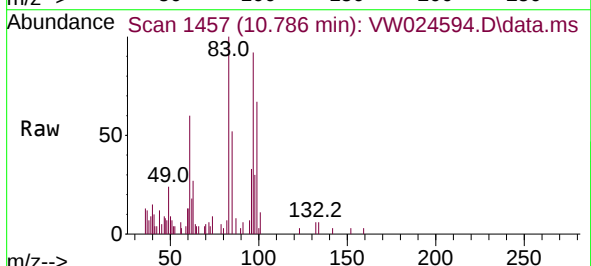
Ion Ratio Lower Upper

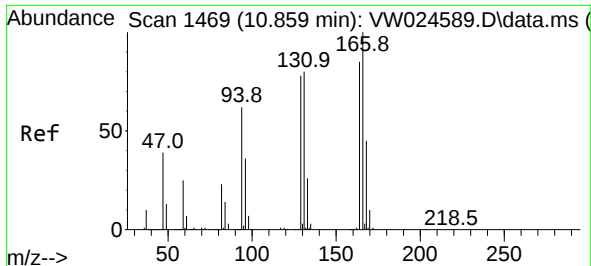
97 100

99 73.7 41.9 77.9

83 109.2 58.2 108.0#

85 56.9 37.1 68.9

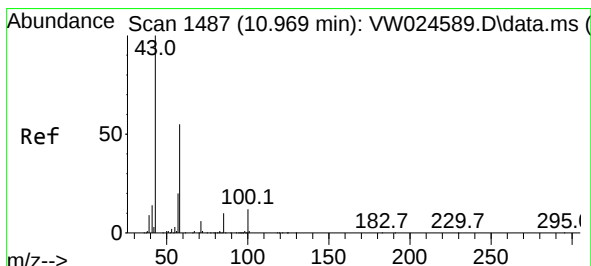
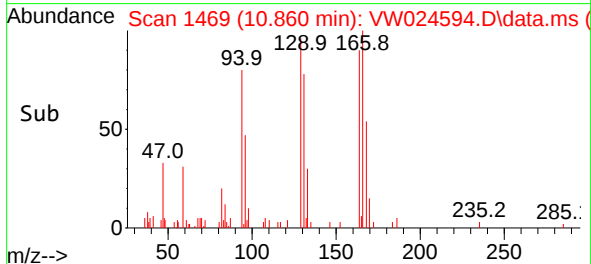
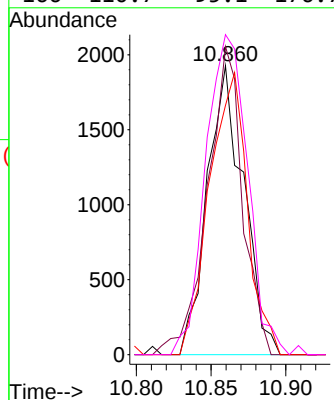
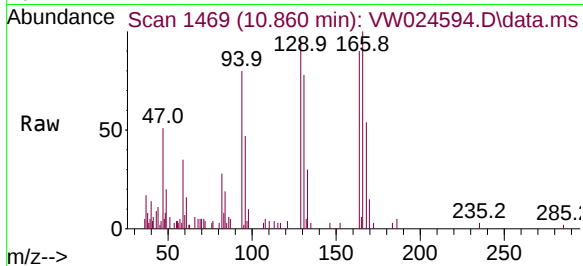




#46
Tetrachloroethene
Concen: 1.085 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

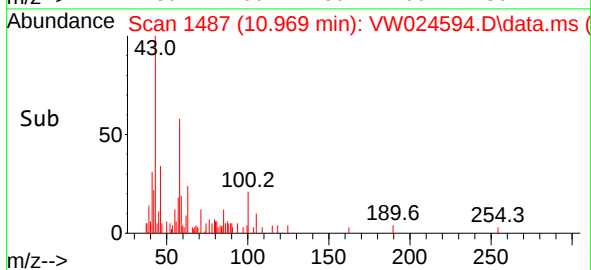
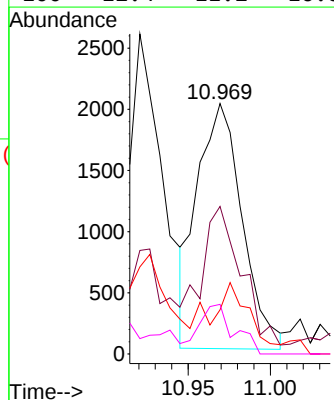
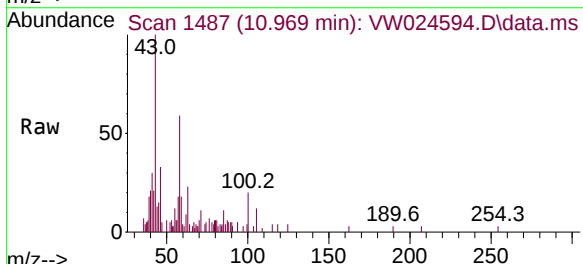
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-08

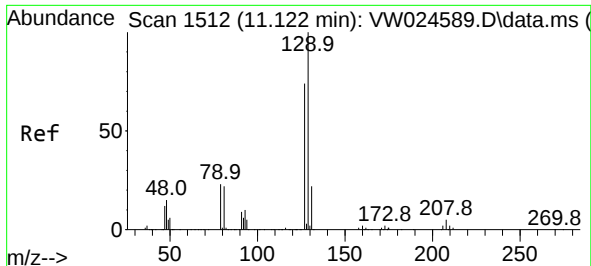
Tgt	Ion:164	Resp:	3243
Ion	Ratio	Lower	Upper
164	100		
129	106.6	75.0	139.2
131	86.2	70.1	130.1
166	110.7	95.1	176.7



#48
2-Hexanone
Concen: 2.173 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion: 43	Resp:	3812	
Ion	Ratio	Lower	Upper
43	100		
58	47.5	43.7	65.5
57	0.0	15.3	22.9#
100	12.4	11.2	16.8

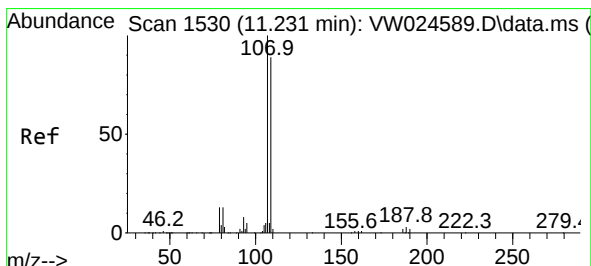
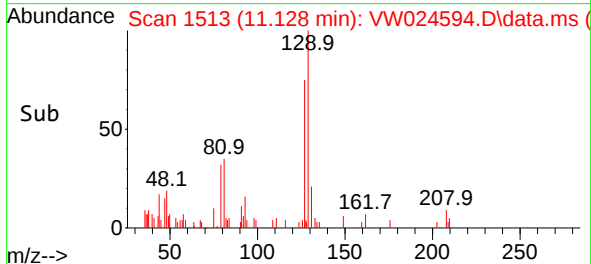
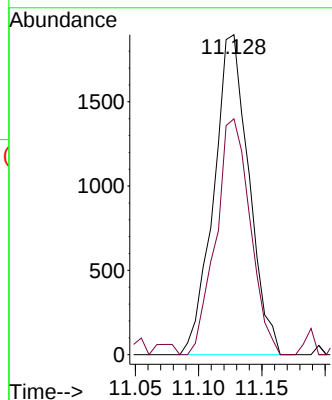
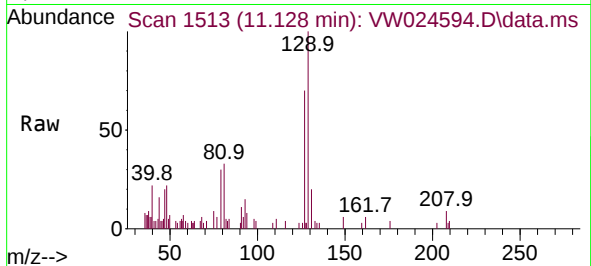




#49
Dibromochloromethane
Concen: 0.970 ug/L
RT: 11.128 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

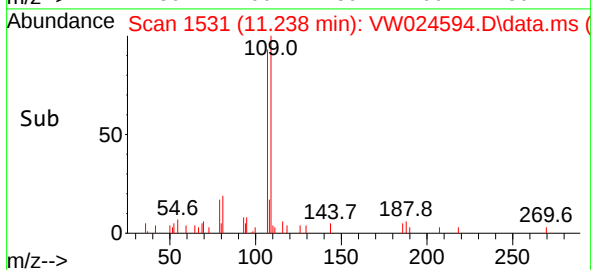
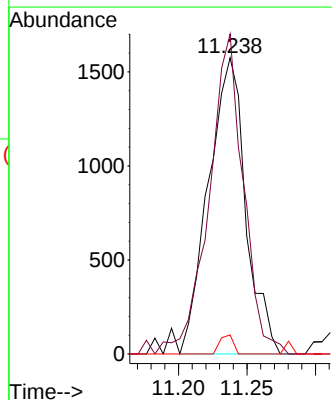
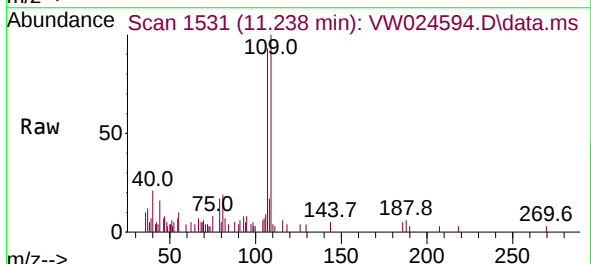
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-08

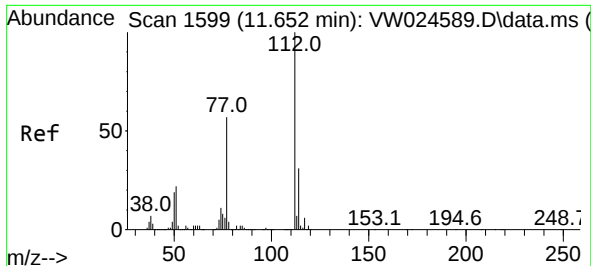
Tgt Ion:129 Resp: 3673
Ion Ratio Lower Upper
129 100
127 73.7 56.1 104.1



#50
1,2-Dibromoethane
Concen: 0.948 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion:107 Resp: 2980
Ion Ratio Lower Upper
107 100
109 108.1 64.5 119.9
188 6.4 3.0 4.4#

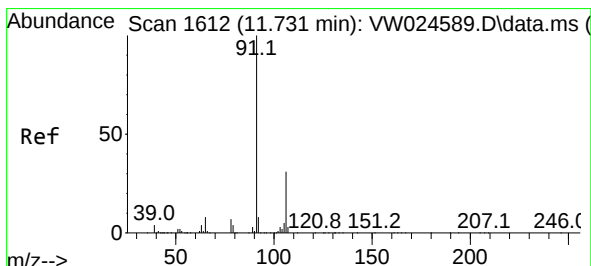
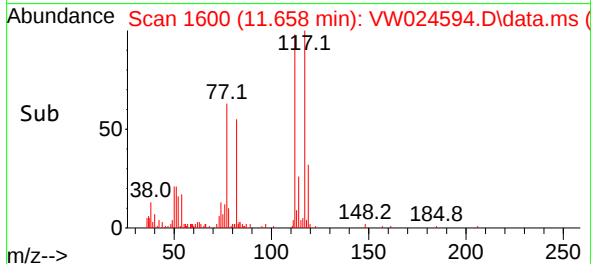
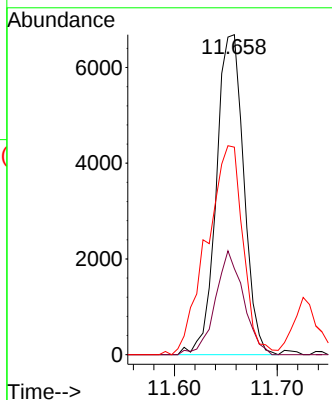
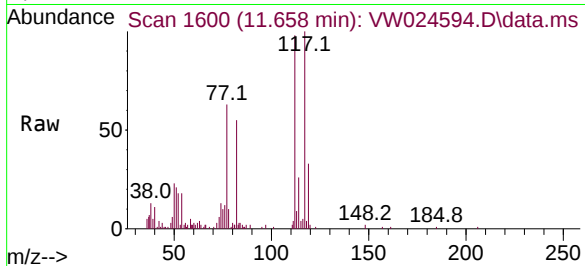




#51
Chlorobenzene
Concen: 1.048 ug/L
RT: 11.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

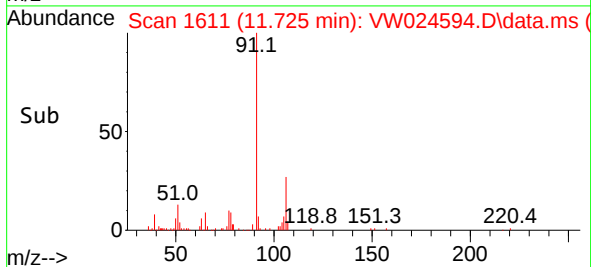
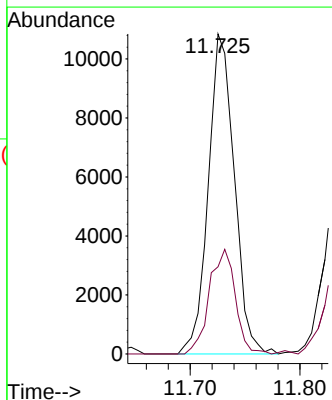
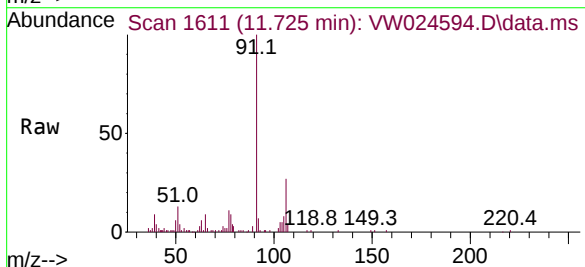
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-08

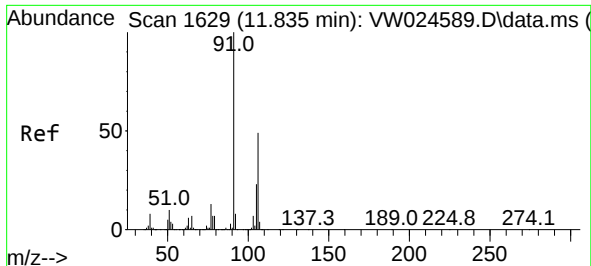
Tgt Ion:112 Resp: 12386
Ion Ratio Lower Upper
112 100
114 26.9 20.0 37.2
77 64.9 42.6 63.8#



#52
Ethylbenzene
Concen: 0.922 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion: 91 Resp: 17919
Ion Ratio Lower Upper
91 100
106 27.2 23.8 44.2

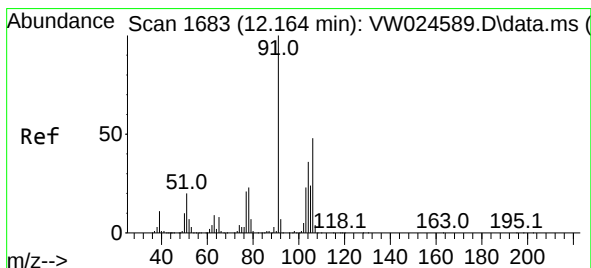
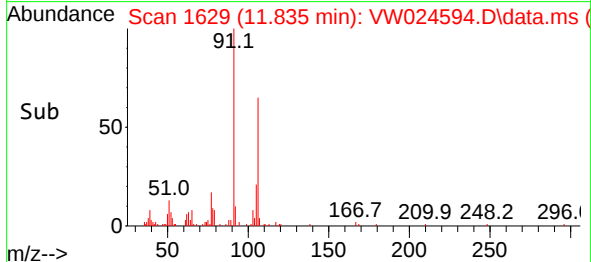
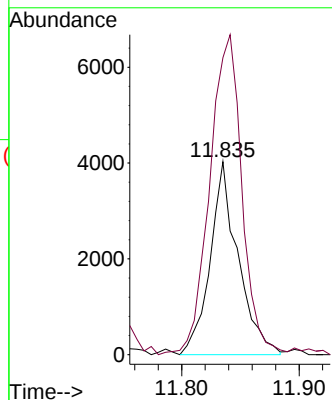
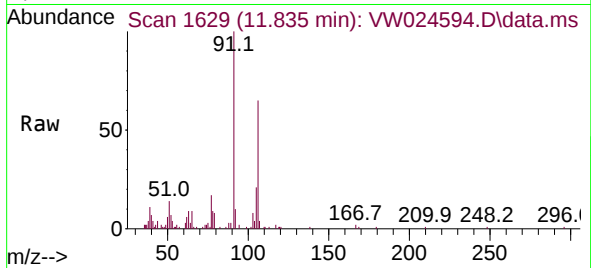




#53
m,p-Xylene
Concen: 0.878 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

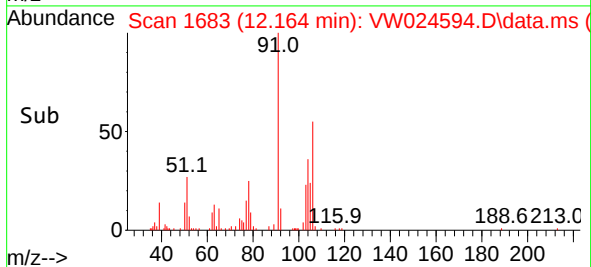
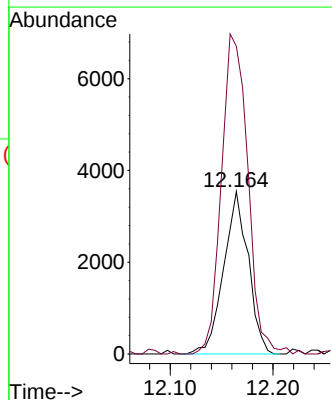
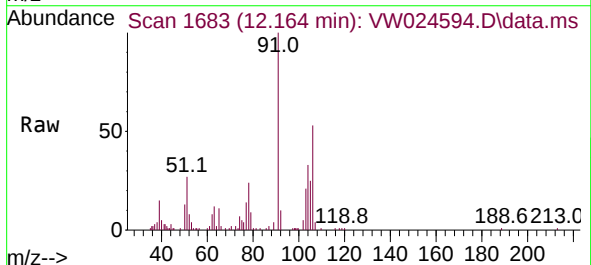
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-08

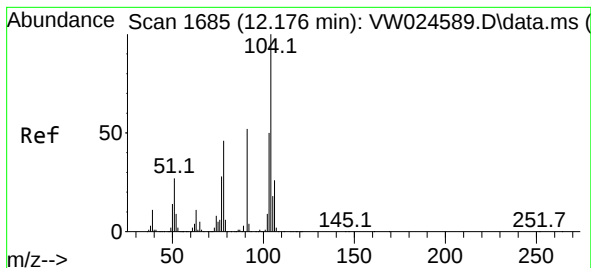
Tgt Ion:106 Resp: 6668
Ion Ratio Lower Upper
106 100
91 153.9 131.3 243.8



#54
o-Xylene
Concen: 0.814 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion:106 Resp: 5883
Ion Ratio Lower Upper
106 100
91 189.5 148.7 276.3





#55

Styrene

Concen: 0.690 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

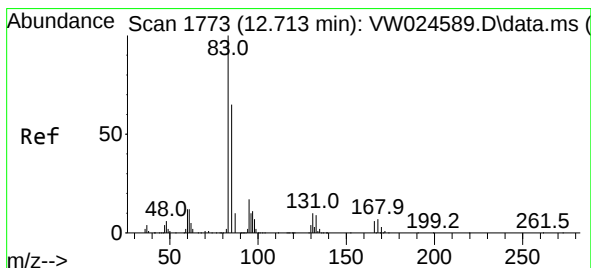
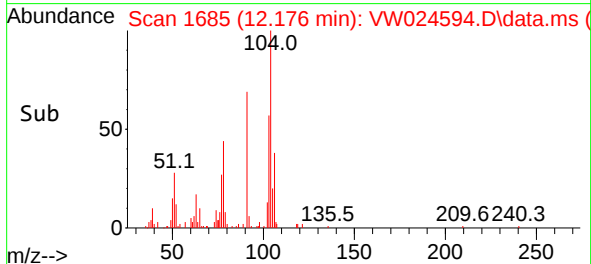
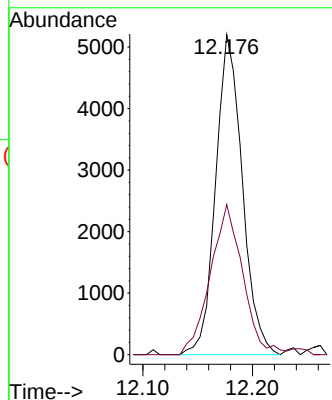
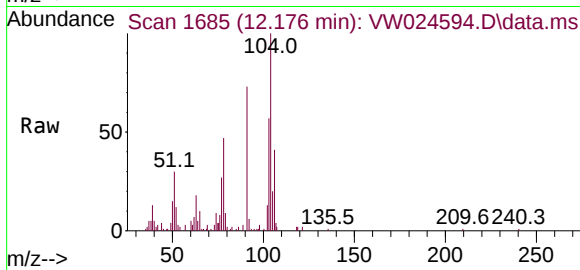
MDL-SOIL-QT4-2022-08

Tgt Ion:104 Resp: 8781

Ion Ratio Lower Upper

104 100

78 46.9 33.0 61.4



#57

1,1,2,2-Tetrachloroethane

Concen: 1.101 ug/L

RT: 12.707 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

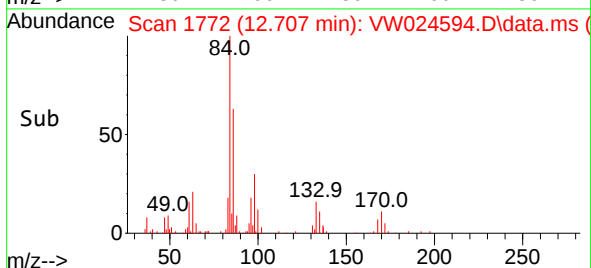
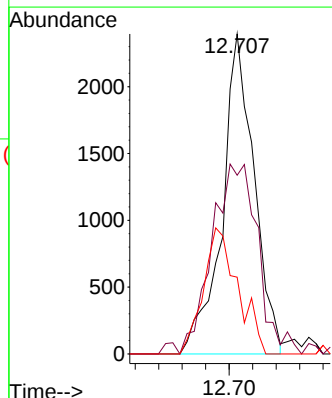
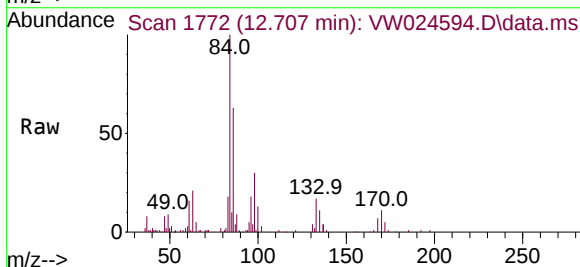
Tgt Ion: 83 Resp: 4516

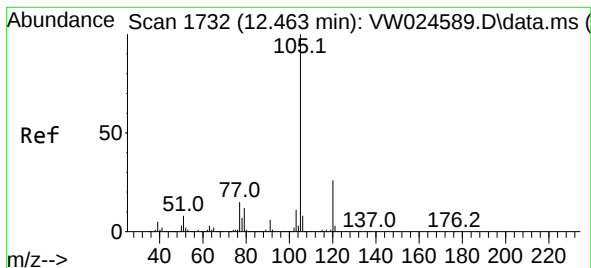
Ion Ratio Lower Upper

83 100

85 55.8 45.6 84.8

131 24.0 9.0 13.4#





#60

Isopropylbenzene

Concen: 0.858 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

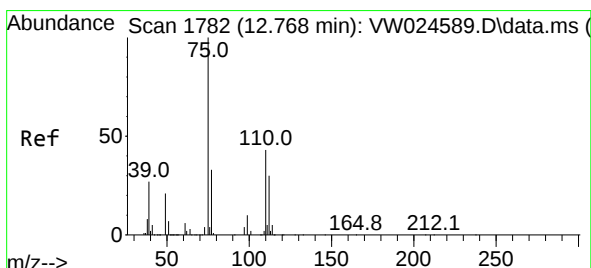
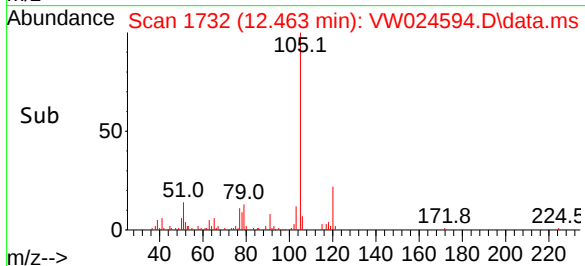
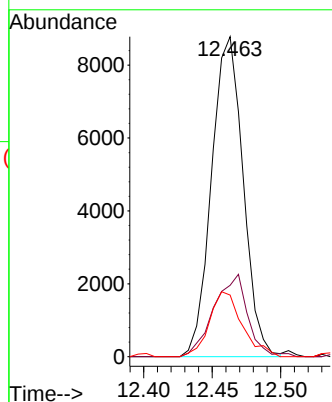
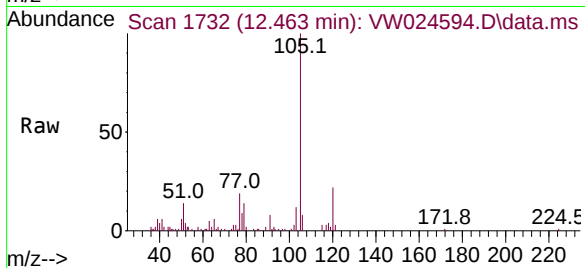
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-08

Tgt Ion:	105	Resp:	14085
Ion Ratio	Lower	Upper	
105	100		
120	27.2	20.9	31.3
77	21.0	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 1.110 ug/L

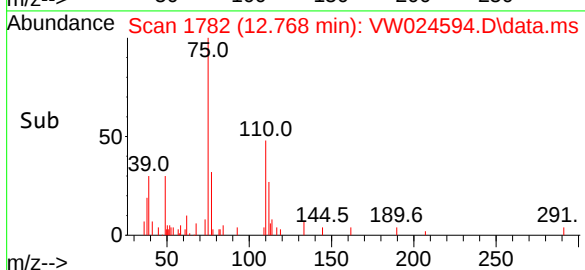
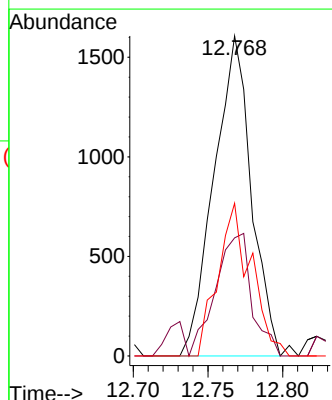
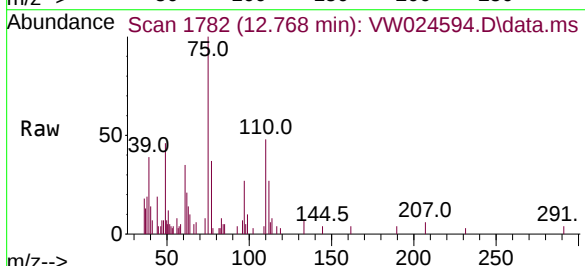
RT: 12.768 min Scan# 1782

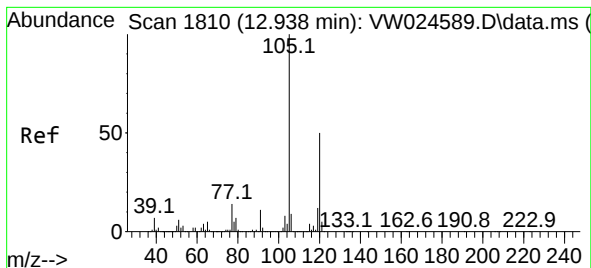
Delta R.T. 0.000 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

Tgt Ion:	75	Resp:	2785
Ion Ratio	Lower	Upper	
75	100		
77	37.2	26.8	40.2
110	42.8	33.8	50.8





#62

1,3,5-Trimethylbenzene

Concen: 0.777 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

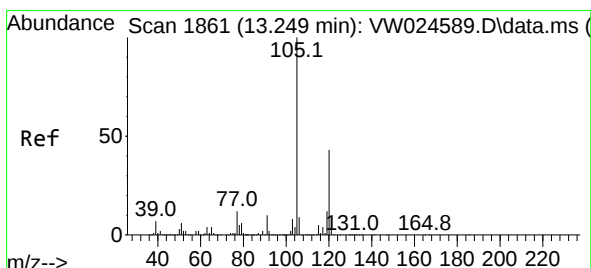
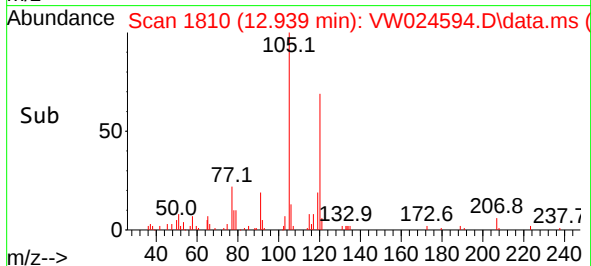
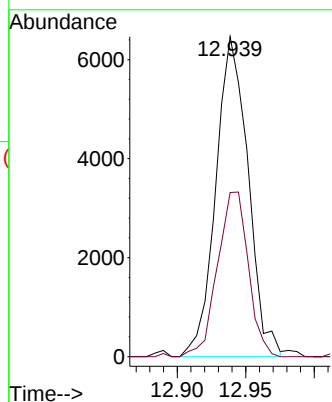
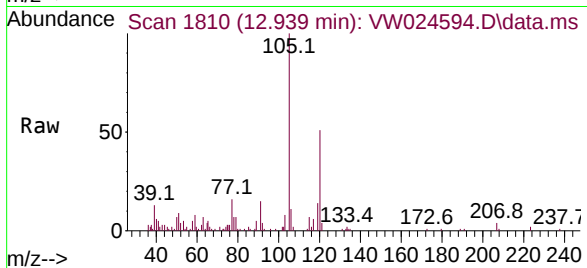
MDL-SOIL-QT4-2022-08

Tgt Ion:105 Resp: 10587

Ion Ratio Lower Upper

105 100

120 49.2 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 0.756 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024594.D

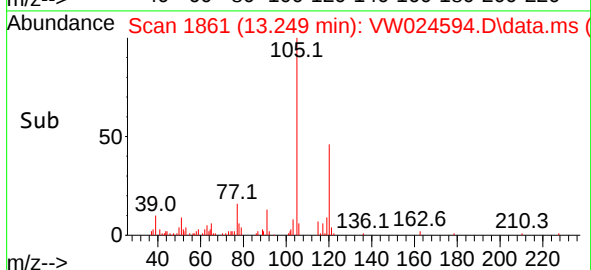
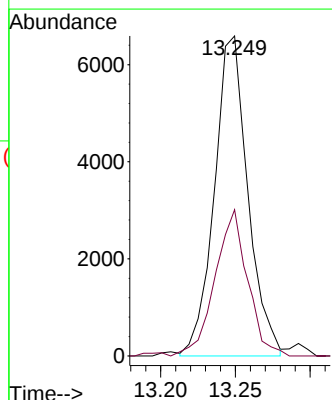
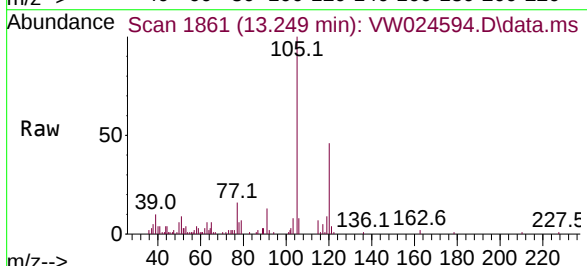
Acq: 09 Sep 2022 11:04

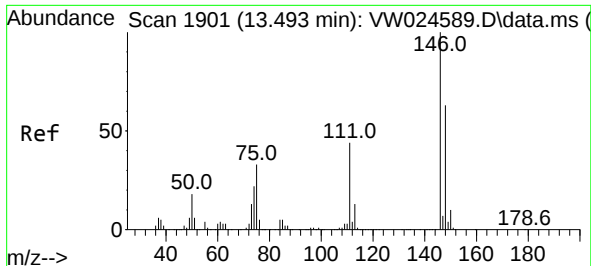
Tgt Ion:105 Resp: 10257

Ion Ratio Lower Upper

105 100

120 44.3 36.7 55.1

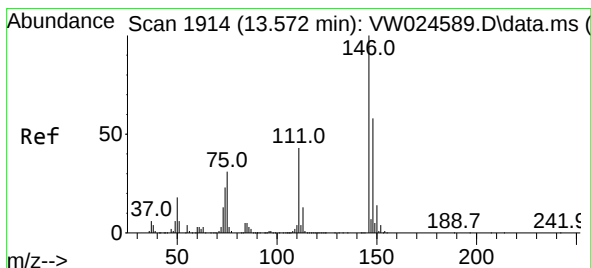
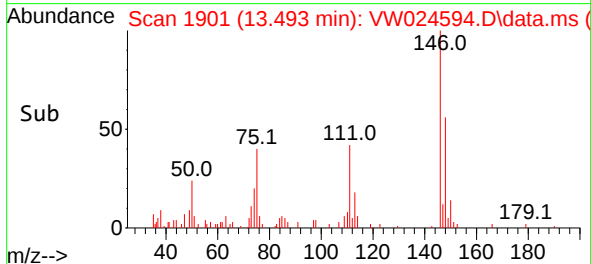
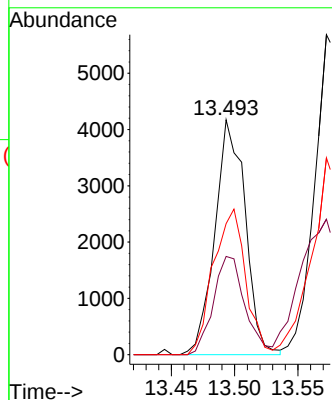
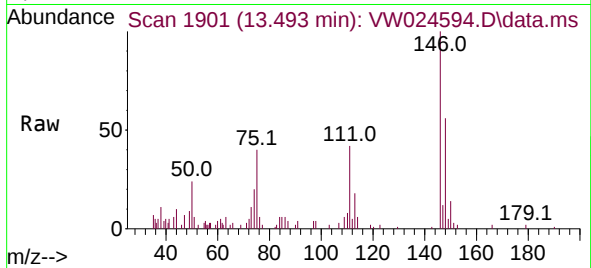




#64
1,3-Dichlorobenzene
Concen: 0.939 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

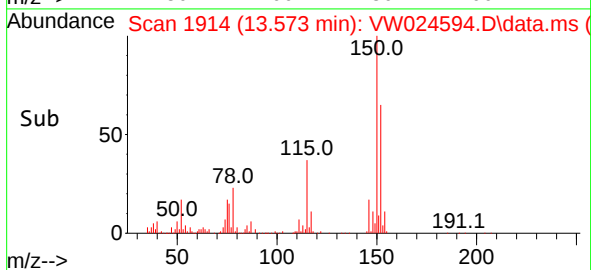
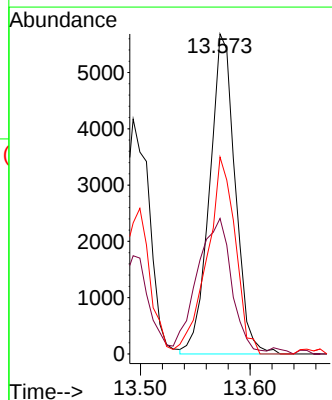
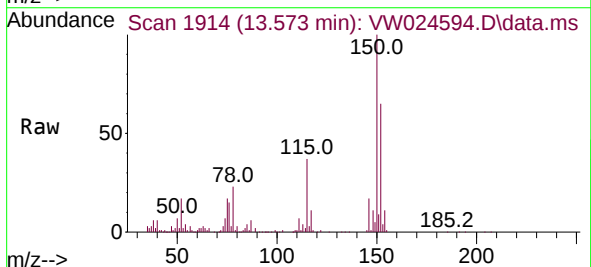
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2022-08

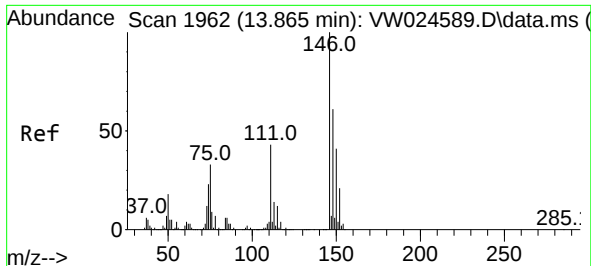
Tgt Ion:146 Resp: 6947
Ion Ratio Lower Upper
146 100
111 41.8 28.3 52.5
148 55.8 42.2 78.4



#65
1,4-Dichlorobenzene
Concen: 1.183 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024594.D
Acq: 09 Sep 2022 11:04

Tgt Ion:146 Resp: 9226
Ion Ratio Lower Upper
146 100
111 42.3 29.3 54.3
148 61.5 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 1.250 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

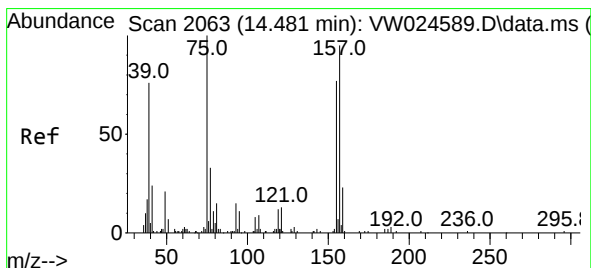
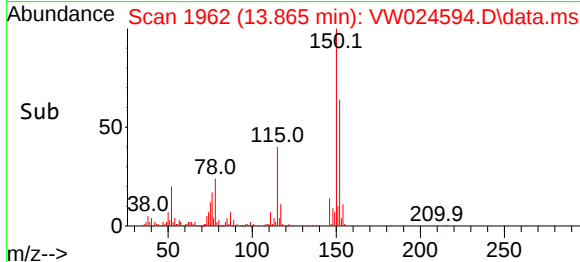
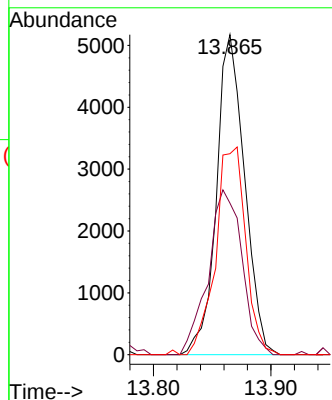
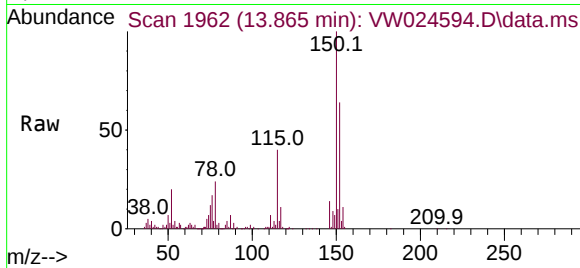
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-08

Tgt Ion:	146	Resp:	8625
Ion Ratio	Lower	Upper	
146	100		
111	47.3	32.2	48.4
148	62.8	48.3	72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 2.091 ug/L

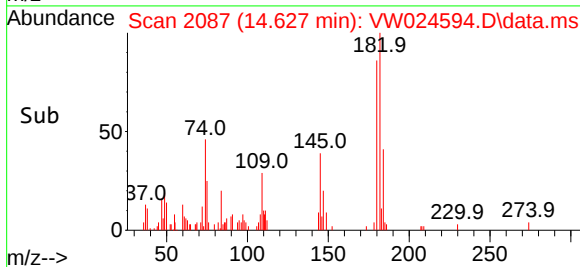
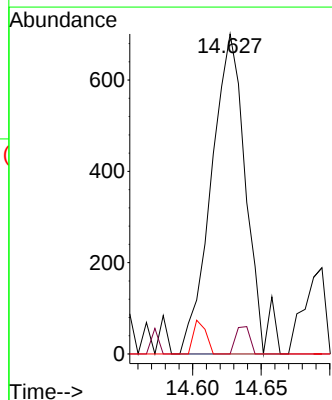
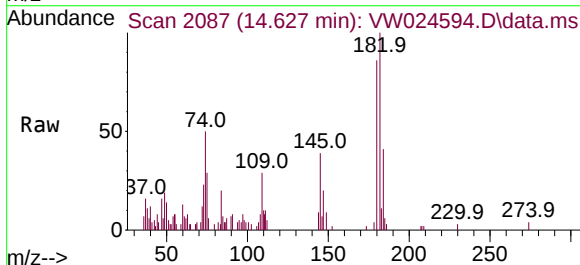
RT: 14.627 min Scan# 2087

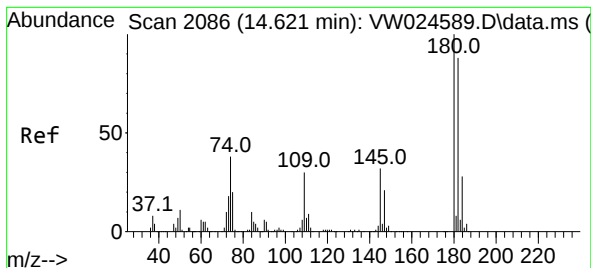
Delta R.T. 0.146 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

Tgt Ion:	75	Resp:	1241
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: 0.919 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024594.D

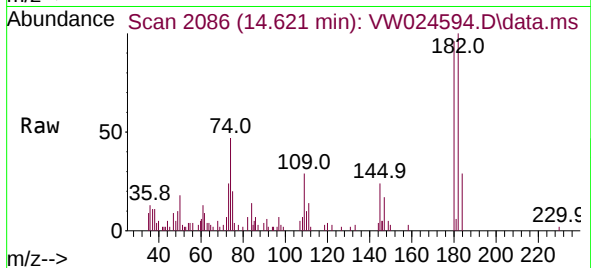
Acq: 09 Sep 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2022-08



Tgt Ion:180 Resp: 4414

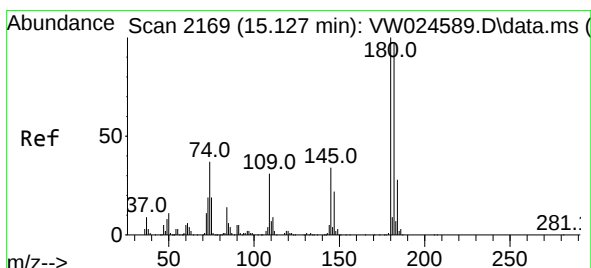
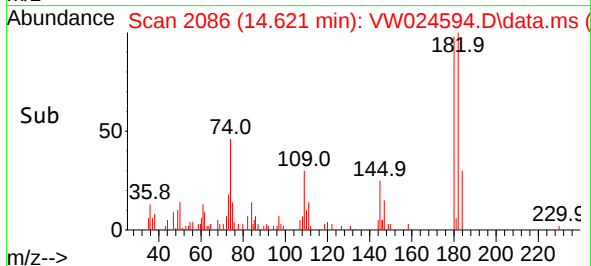
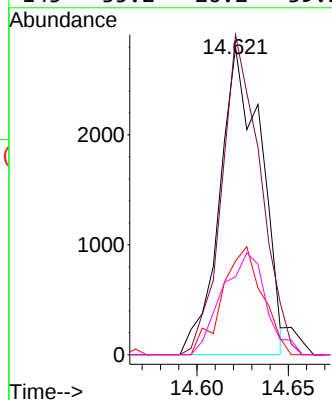
Ion Ratio Lower Upper

180 100

182 96.7 72.4 108.6

184 34.3 22.8 34.2#

145 35.2 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 0.929 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024594.D

Acq: 09 Sep 2022 11:04

Tgt Ion:180 Resp: 3540

Ion Ratio Lower Upper

180 100

182 84.1 73.8 110.6

145 36.6 26.6 39.8

