

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111424\
 Data File : VW031017.D
 Acq On : 14 Nov 2024 11:32
 Operator : SY/MD
 Sample : P4776-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Nov 15 04:08:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 15 04:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	296468	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286578	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129977	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	83846	17.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.960%
7) Chloroethane-d5	2.899	69	71429	19.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	4.021	65	42612	21.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.960%
21) 2-Butanone-d5	7.087	46	40490	50.602	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.200%
24) Chloroform-d	7.648	84	213837	24.467	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	8.306	65	107156	24.659	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.640%
32) Benzene-d6	8.276	84	401672	22.561	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.240%
36) 1,2-Dichloropropane-d6	9.270	67	124820	23.783	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	10.324	98	370824	23.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.880%
43) trans-1,3-Dichloroprop...	10.574	79	45272	21.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.120%
47) 2-Hexanone-d5	10.922	63	33109	48.676	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94743	25.910	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	126222	26.660	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.640%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	3380	1.070	ug/L	93
3) Chloromethane	2.222	50	3873	0.910	ug/L #	81
5) Vinyl chloride	2.368	62	5670	1.124	ug/L #	58
6) Bromomethane	2.795	94	3374	1.019	ug/L	99
8) Chloroethane	2.942	64	3386	1.108	ug/L	99
9) Trichlorofluoromethane	3.271	101	5894	1.281	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	7901m	1.865	ug/L	
12) 1,1-Dichloroethene	4.039	96	6029	1.573	ug/L #	1
14) Carbon disulfide	4.386	76	13573	1.077	ug/L	98
15) Methyl Acetate	4.703	43	1731m	1.208	ug/L	
16) Methylene chloride	4.923	84	9417	2.247	ug/L	86
17) trans-1,2-Dichloroethene	5.435	96	5078	1.208	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	6037	1.064	ug/L #	73
19) 1,1-Dichloroethane	6.221	63	9340	1.191	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	5189	1.164	ug/L	98
22) 2-Butanone	7.154	43	4366m	3.989	ug/L	
23) Bromochloromethane	7.520	128	2640m	1.352	ug/L	
25) Chloroform	7.679	83	10976	1.330	ug/L	96
27) 1,2-Dichloroethane	8.404	62	5791	1.127	ug/L #	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111424\
 Data File : VW031017.D
 Acq On : 14 Nov 2024 11:32
 Operator : SY/MD
 Sample : P4776-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Nov 15 04:08:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 15 04:02:45 2024
 Response via : Initial Calibration

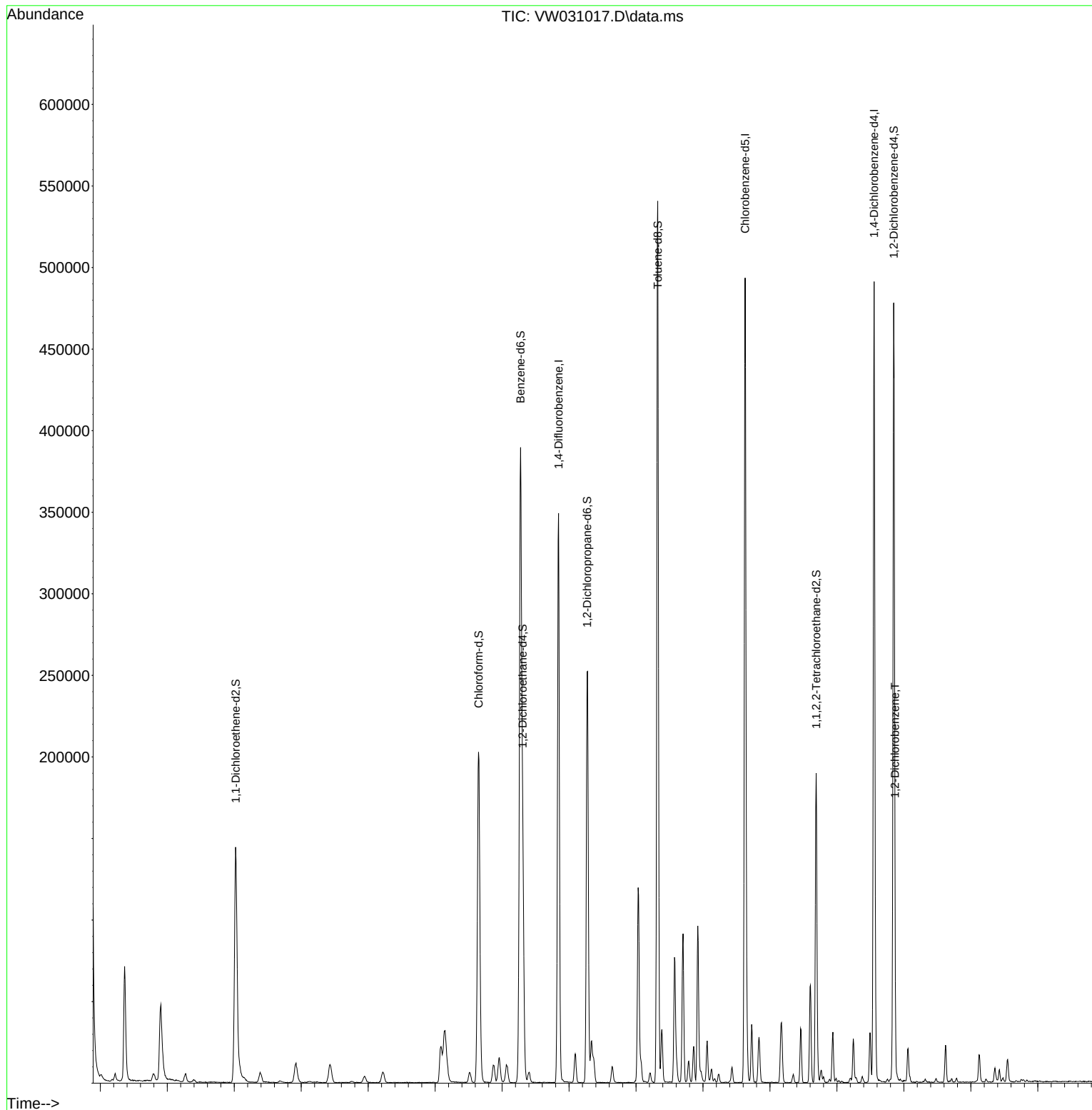
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	6195	0.902	ug/L	95
30) 1,1,1-Trichloroethane	7.867	97	8668	1.177	ug/L	100
31) Carbon tetrachloride	8.069	117	8038	1.215	ug/L	98
33) Benzene	8.325	78	22464	1.216	ug/L	100
34) Trichloroethene	9.093	95	6177	1.213	ug/L	95
35) Methylcyclohexane	9.337	83	7710	0.955	ug/L	89
37) 1,2-Dichloropropane	9.367	63	5265	1.141	ug/L #	95
38) Bromodichloromethane	9.642	83	6938	1.144	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	7293	1.056	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	4292	2.033	ug/L	94
42) Toluene	10.385	91	23915	1.223	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	6362m	1.109	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	4168	1.258	ug/L	97
46) Tetrachloroethene	10.861	164	5454	1.401	ug/L	92
48) 2-Hexanone	10.971	43	3359	2.091	ug/L #	90
49) Dibromochloromethane	11.129	129	4306	1.192	ug/L	94
50) 1,2-Dibromoethane	11.233	107	3784	1.238	ug/L #	99
51) Chlorobenzene	11.653	112	16167	1.291	ug/L	93
52) Ethylbenzene	11.727	91	23427	1.060	ug/L	100
53) m,p-Xylene	11.836	106	9273	1.116	ug/L	97
54) o-Xylene	12.159	106	7049	0.922	ug/L	93
55) Styrene	12.178	104	11147	0.853	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.708	83	4722	1.306	ug/L #	89
59) Bromoform	12.348	173	2214	1.193	ug/L #	86
60) Isopropylbenzene	12.458	105	19694	0.993	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	3240	1.330	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.940	105	14794	0.948	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	13319	0.876	ug/L	94
64) 1,3-Dichlorobenzene	13.495	146	10796	1.240	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	12305	1.377	ug/L	89
67) 1,2-Dichlorobenzene	13.866	146	11588	1.494	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	688m	1.334	ug/L	
69) 1,3,5-Trichlorobenzene	14.622	180	7373	1.276	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	5813	1.267	ug/L	100
71) Naphthalene	15.360	128	7460	1.003	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	5163	1.306	ug/L	97

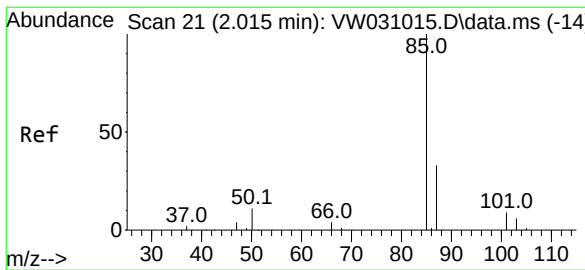
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111424\
Data File : VW031017.D
Acq On : 14 Nov 2024 11:32
Operator : SY/MD
Sample : P4776-03
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

Quant Time: Nov 15 04:08:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 15 04:02:45 2024
Response via : Initial Calibration

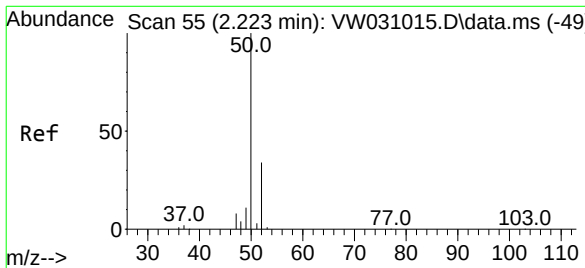
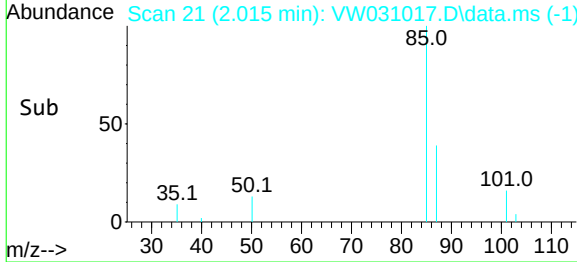
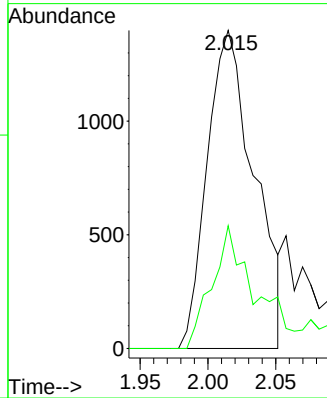
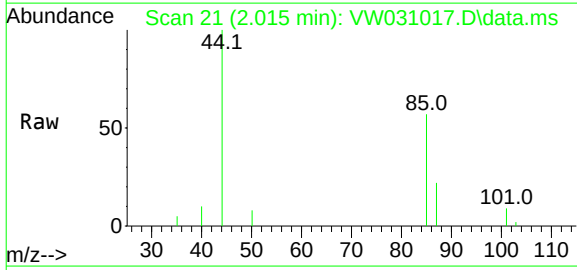




#2
Dichlorodifluoromethane
Concen: 1.070 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

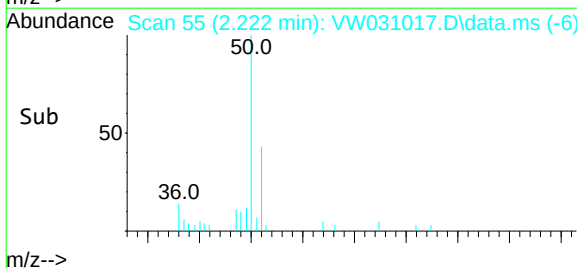
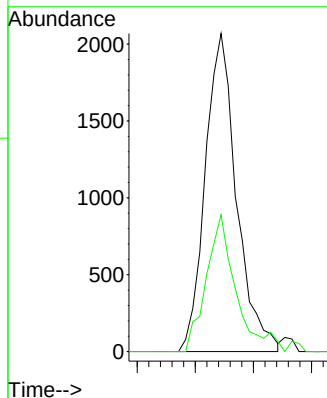
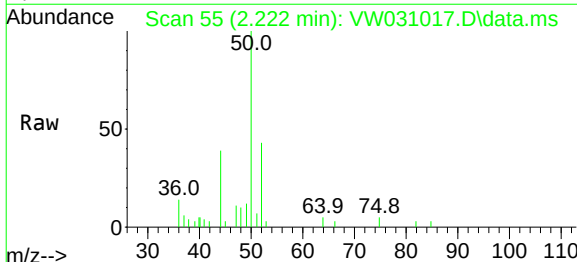
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

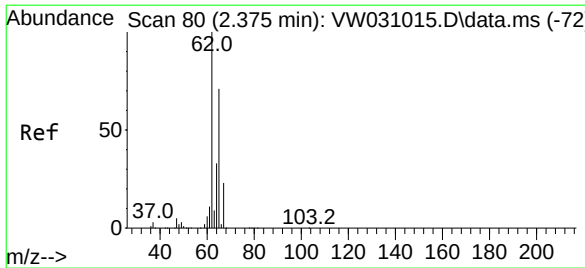
Tgt Ion: 85 Resp: 3380
Ion Ratio Lower Upper
85 100
87 26.3 24.2 36.4



#3
Chloromethane
Concen: 0.910 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Tgt Ion: 50 Resp: 3873
Ion Ratio Lower Upper
50 100
52 43.0 22.5 41.9#

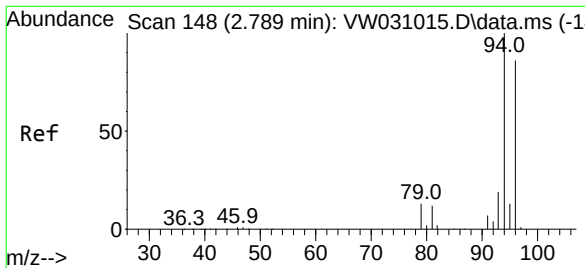
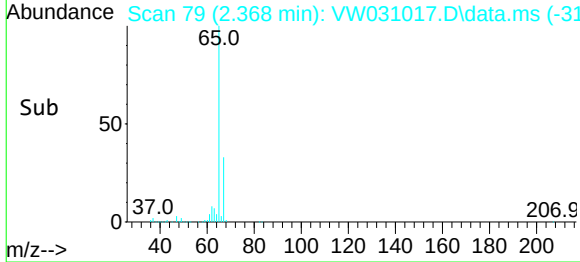
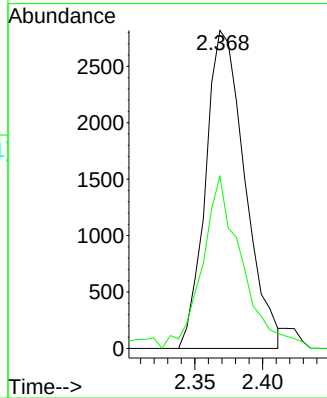
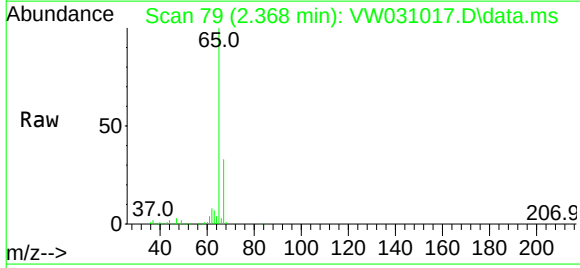




#5
 Vinyl chloride
 Concen: 1.124 ug/L
 RT: 2.368 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

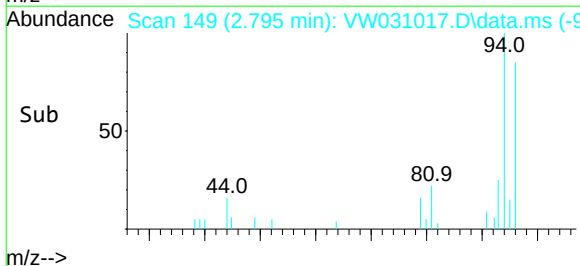
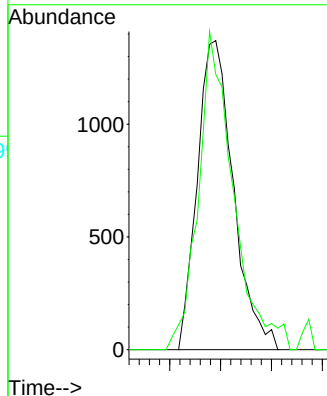
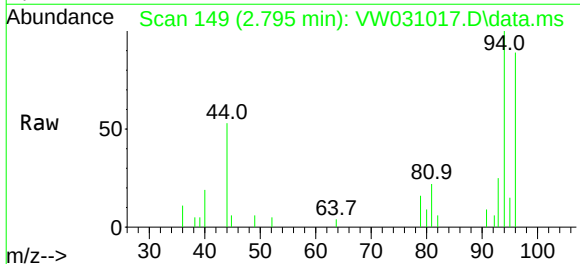
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

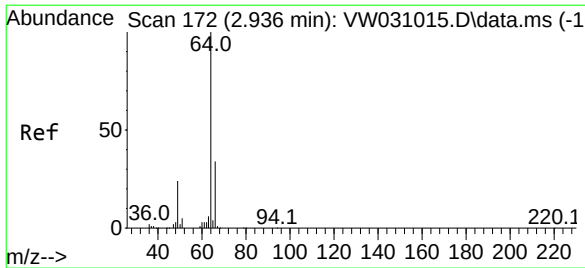
Tgt Ion: 62 Resp: 5670
 Ion Ratio Lower Upper
 62 100
 64 54.1 21.7 40.3#



#6
 Bromomethane
 Concen: 1.019 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

Tgt Ion: 94 Resp: 3374
 Ion Ratio Lower Upper
 94 100
 96 89.1 61.6 114.4

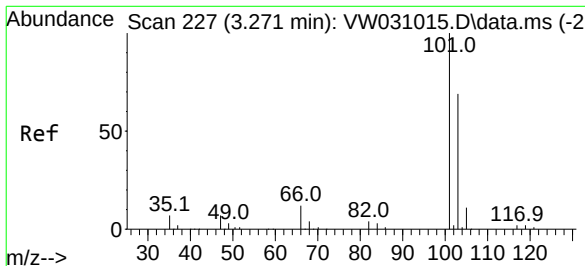
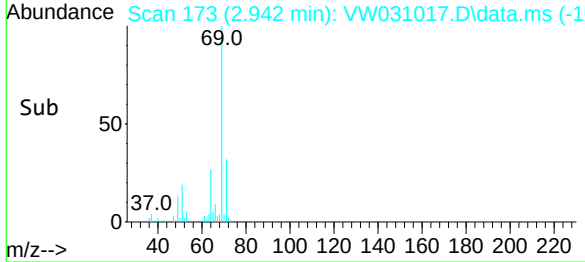
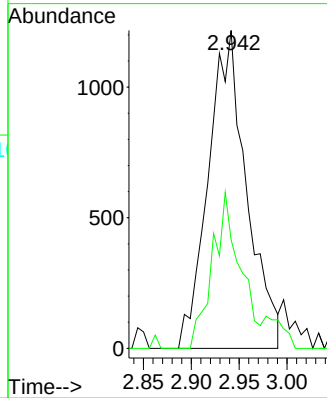
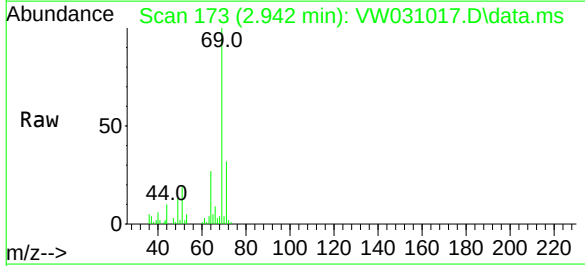




#8
Chloroethane
Concen: 1.108 ug/L
RT: 2.942 min Scan# 17
Delta R.T. 0.006 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

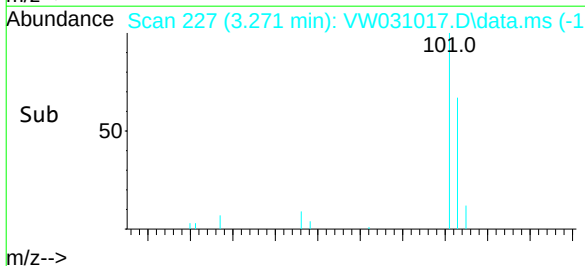
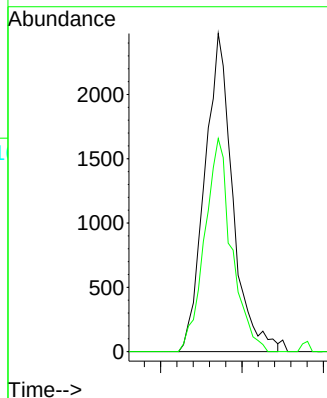
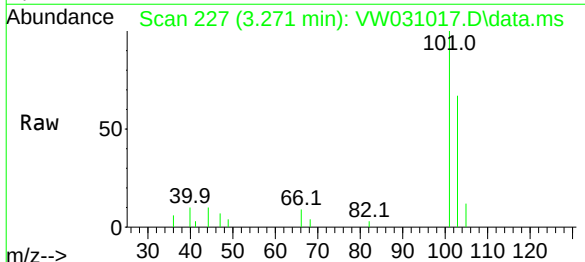
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

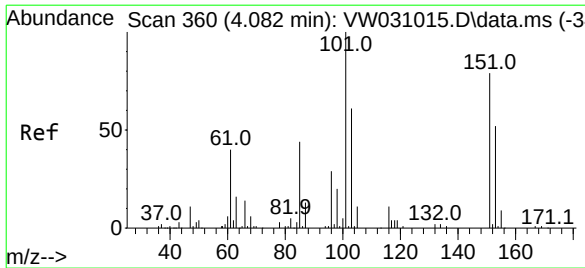
Tgt Ion: 64 Resp: 3386
Ion Ratio Lower Upper
64 100
66 34.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 1.281 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Tgt Ion: 101 Resp: 5894
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6





#10

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

Concen: 1.865 ug/L m

RT: 4.082 min Scan# 360

Delta R.T. -0.000 min

Lab File: VW031017.D

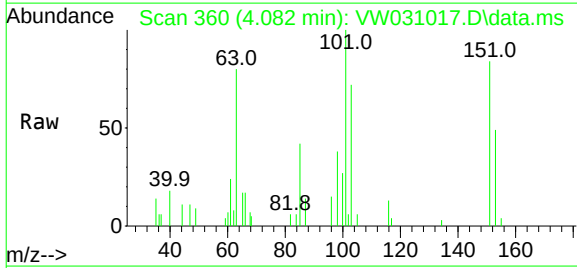
Acq: 14 Nov 2024 11:32

Instrument :

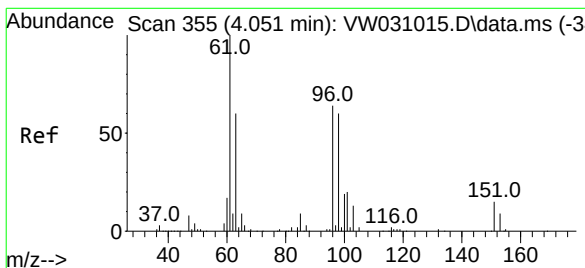
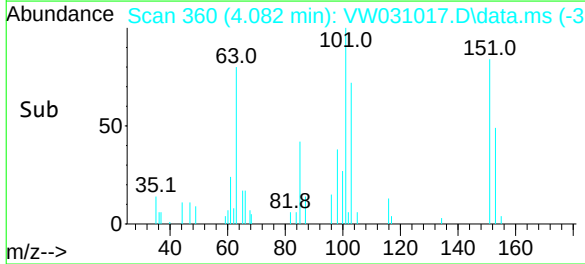
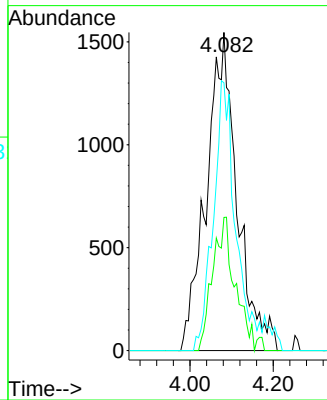
MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07



Tgt Ion	101	Resp:	7901
Ion	Ratio	Lower	Upper
101	100		
85	5.1	32.9	49.3#
151	37.0	51.0	76.6#



#12

1,1-Dichloroethene

Concen: 1.573 ug/L

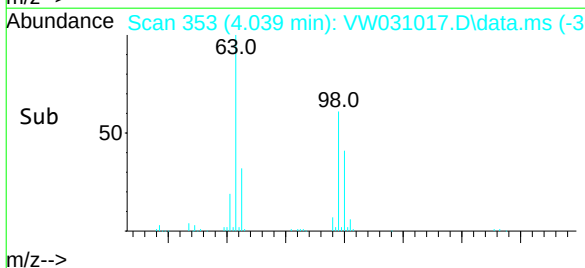
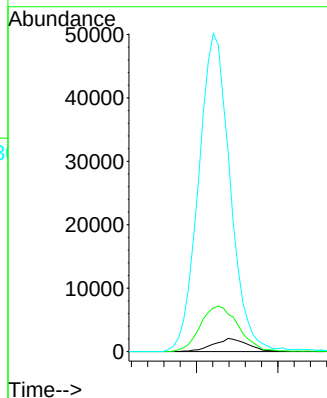
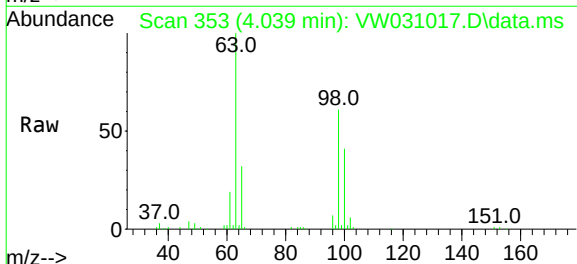
RT: 4.039 min Scan# 353

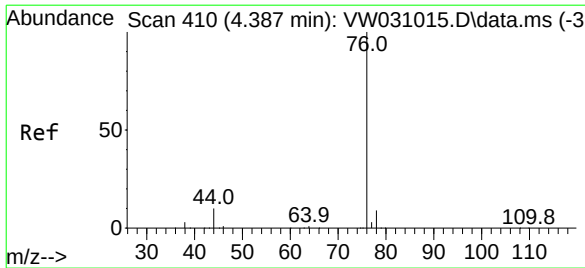
Delta R.T. -0.013 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Tgt Ion	96	Resp:	6029
Ion	Ratio	Lower	Upper
96	100		
61	281.6	118.9	220.7#
63	1511.3	97.8	181.6#





#14

Carbon disulfide

Concen: 1.077 ug/L

RT: 4.386 min Scan# 410

Delta R.T. -0.000 min

Lab File: VW031017.D

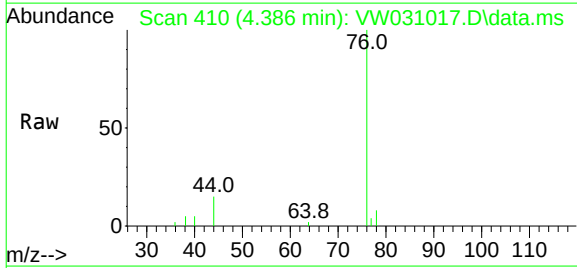
Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

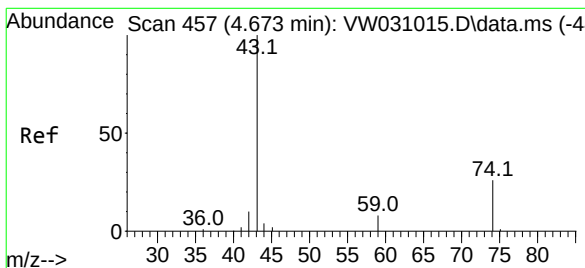
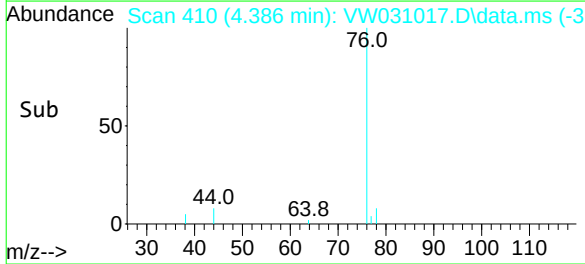
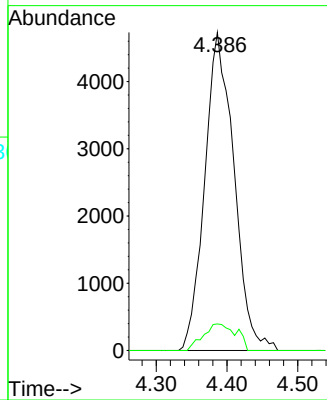


Tgt Ion: 76 Resp: 13573

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7



#15

Methyl Acetate

Concen: 1.208 ug/L m

RT: 4.703 min Scan# 462

Delta R.T. 0.030 min

Lab File: VW031017.D

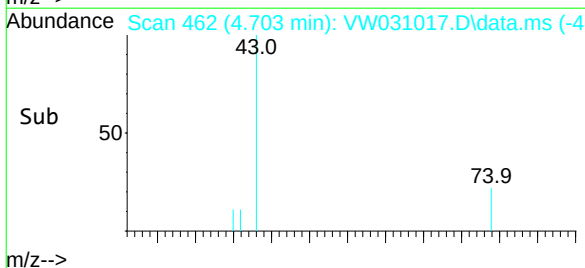
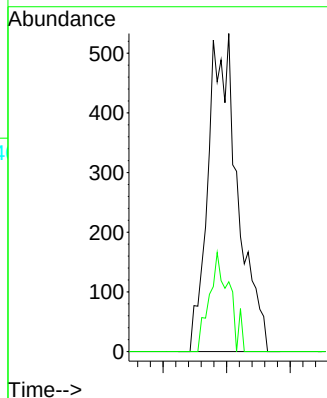
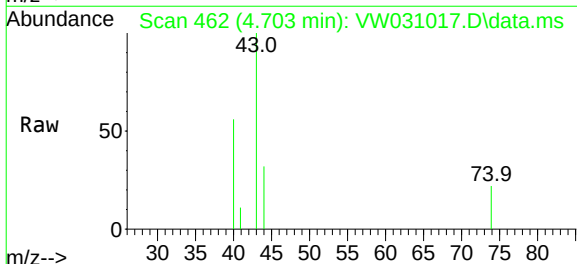
Acq: 14 Nov 2024 11:32

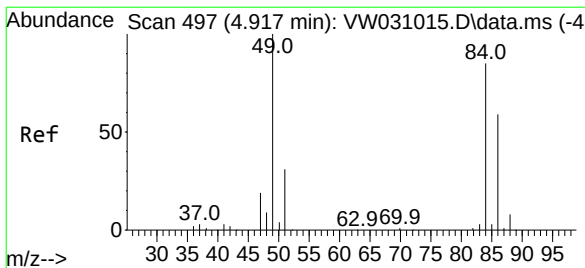
Tgt Ion: 43 Resp: 1731

Ion Ratio Lower Upper

43 100

74 15.0 20.2 30.2





#16

Methylene chloride

Concen: 2.247 ug/L

RT: 4.923 min Scan# 49

Delta R.T. 0.006 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

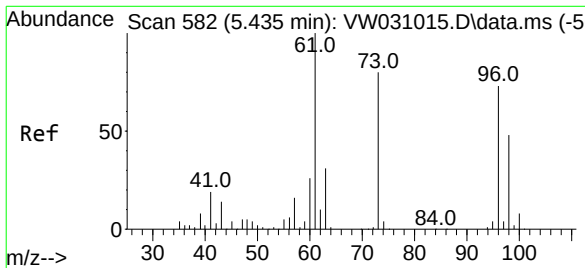
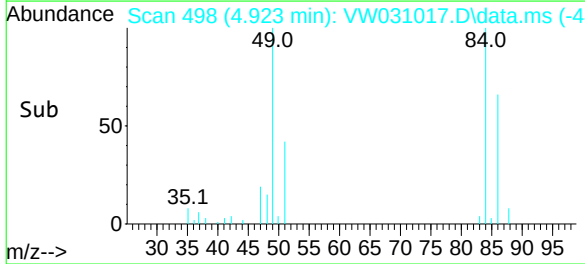
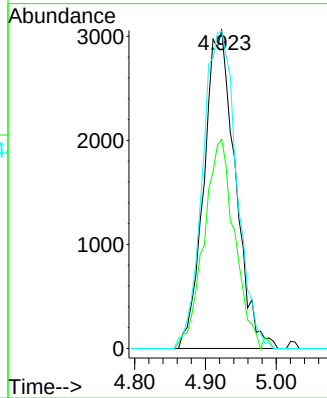
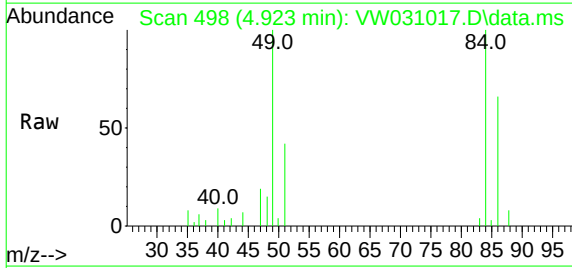
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion: 84	Resp: 9417
Ion Ratio	Lower Upper
84 100	
86 65.7	41.8 77.6
49 99.8	82.8 153.8



#17

trans-1,2-Dichloroethene

Concen: 1.208 ug/L

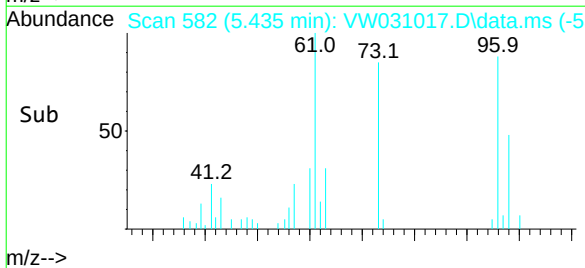
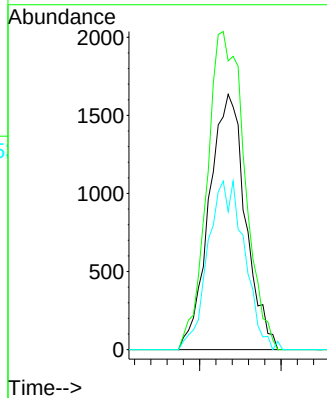
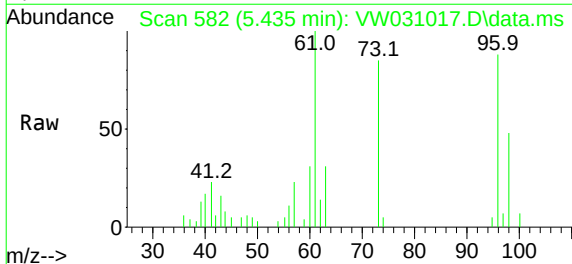
RT: 5.435 min Scan# 582

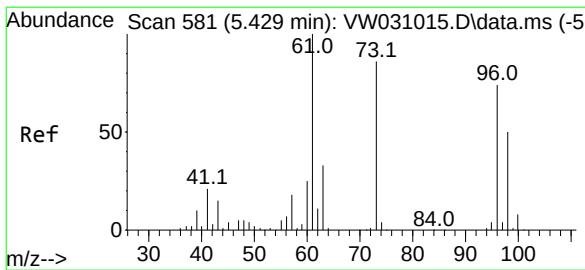
Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Tgt Ion: 96	Resp: 5078
Ion Ratio	Lower Upper
96 100	
61 113.1	95.2 176.8
98 54.1	42.6 79.2





#18

Methyl tert-butyl Ether

Concen: 1.064 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031017.D

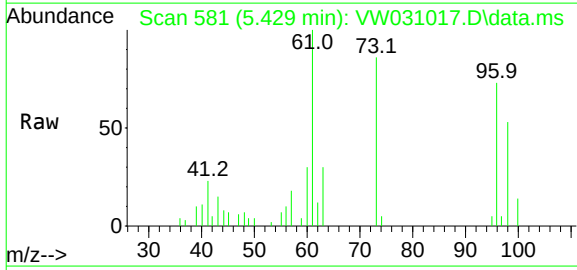
Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07



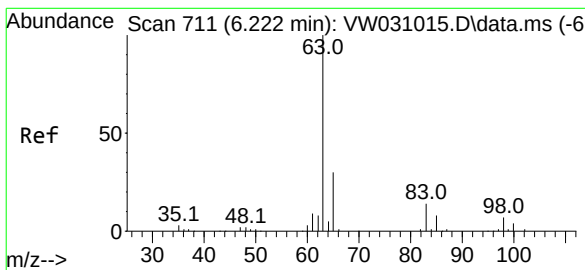
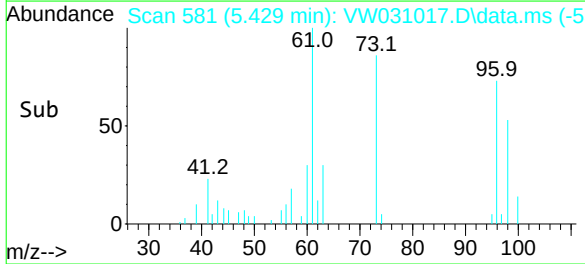
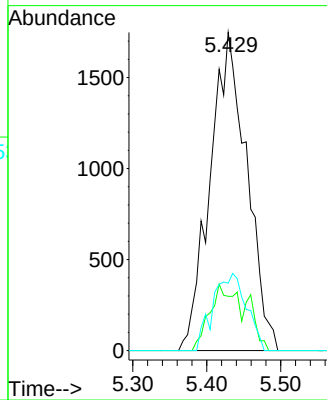
Tgt Ion: 73 Resp: 6037

Ion Ratio Lower Upper

73 100

43 10.6 16.2 24.2#

57 5.9 17.3 25.9#



#19

1,1-Dichloroethane

Concen: 1.191 ug/L

RT: 6.221 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

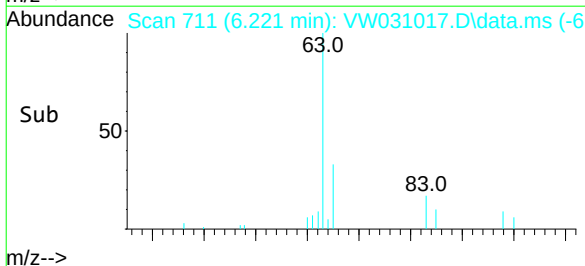
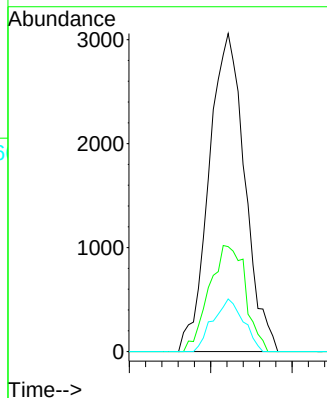
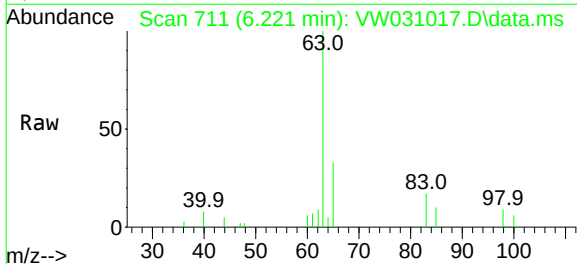
Tgt Ion: 63 Resp: 9340

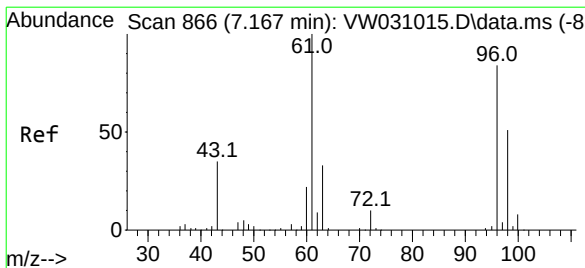
Ion Ratio Lower Upper

63 100

65 33.0 23.0 42.8

83 16.5 9.8 18.2





#20

cis-1,2-Dichloroethene

Concen: 1.164 ug/L

RT: 7.166 min Scan# 86

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

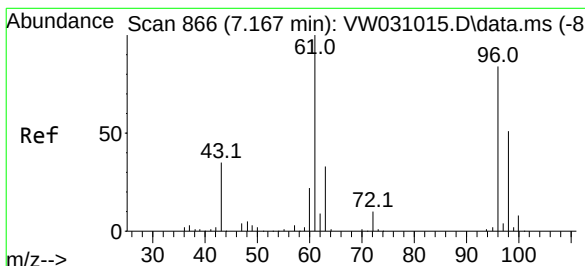
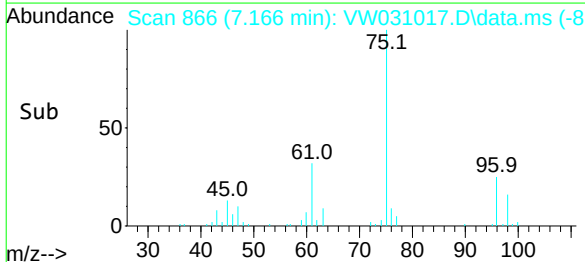
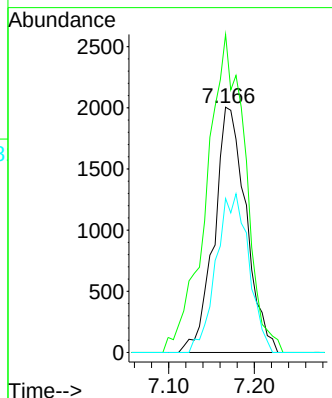
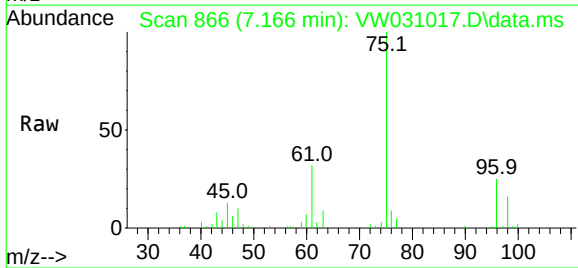
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion:	96	Resp:	5189
Ion	Ratio	Lower	Upper
96	100		
61	129.7	89.2	165.8
98	62.8	45.1	83.9



#22

2-Butanone

Concen: 3.989 ug/L m

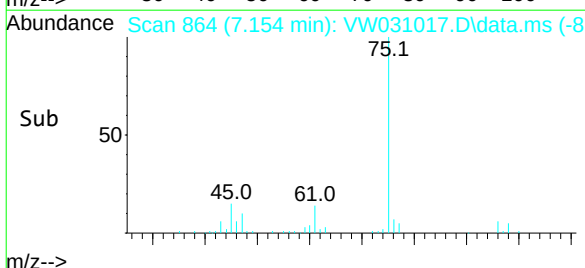
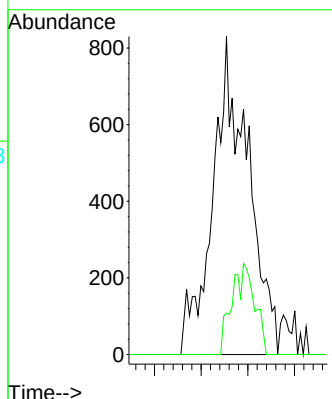
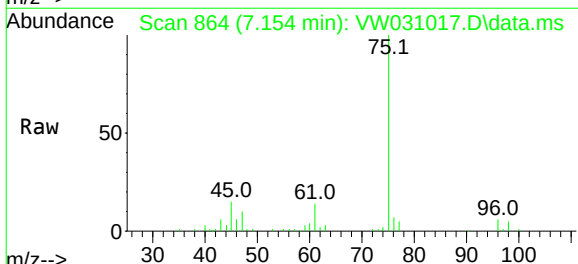
RT: 7.154 min Scan# 864

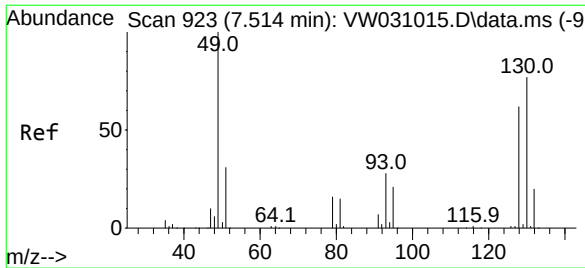
Delta R.T. -0.013 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

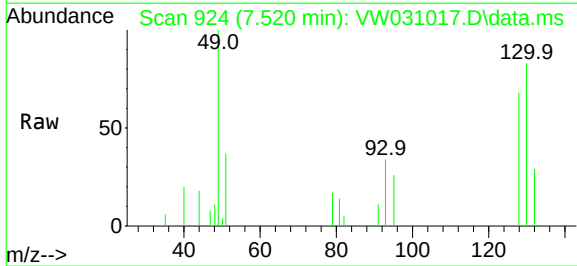
Tgt Ion:	43	Resp:	4366
Ion	Ratio	Lower	Upper
43	100		
72	2.6	14.5	43.6#



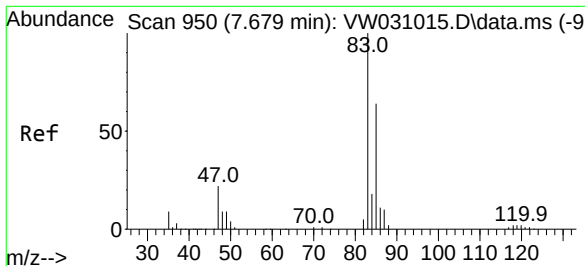
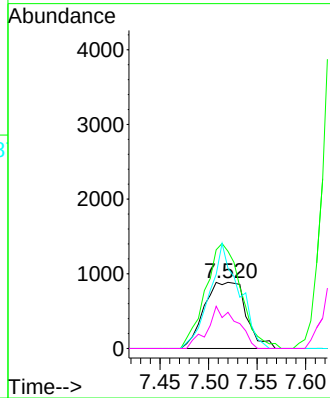
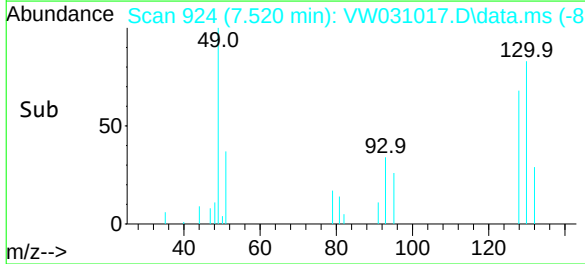


#23
Bromochloromethane
Concen: 1.352 ug/L m
RT: 7.520 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

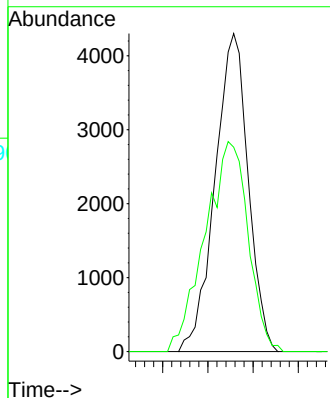
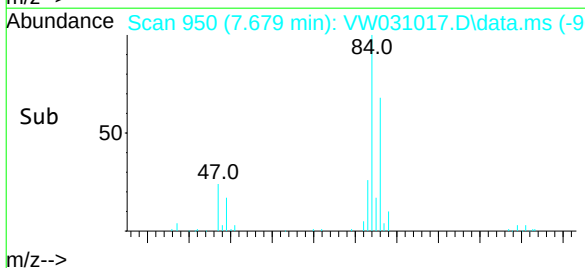
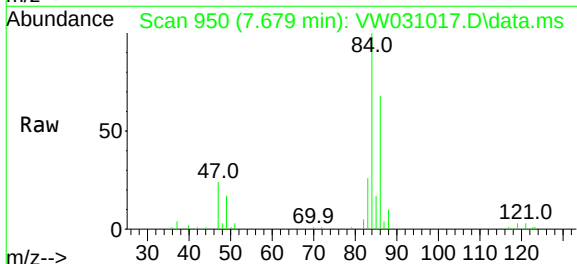


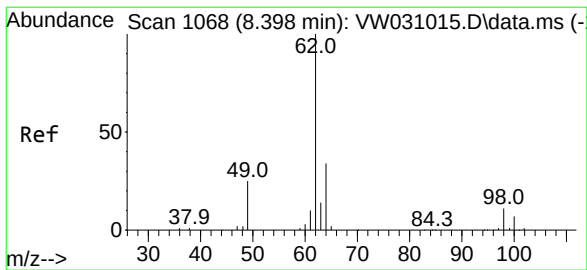
Tgt Ion: 128 Resp: 2640
Ion Ratio Lower Upper
128 100
49 146.8 112.4 208.8
130 121.2 86.2 160.0
51 54.6 42.1 63.1



#25
Chloroform
Concen: 1.330 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Tgt Ion: 83 Resp: 10976
Ion Ratio Lower Upper
83 100
85 64.3 47.2 87.6





#27

1,2-Dichloroethane

Concen: 1.127 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

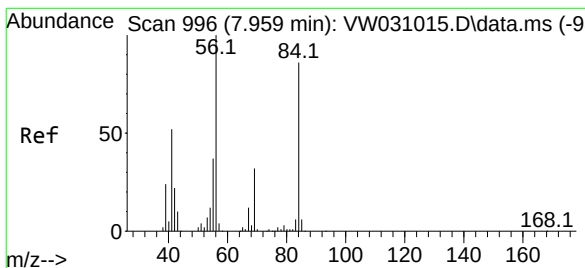
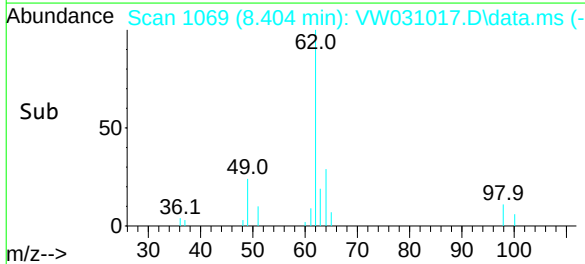
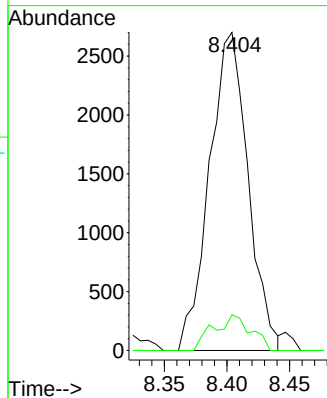
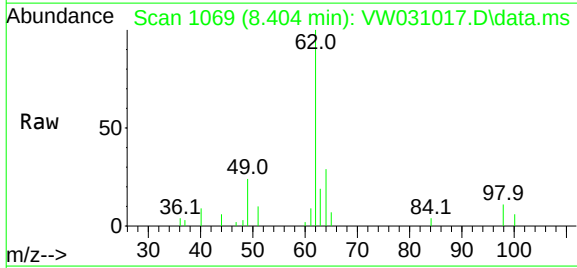
MDL-SOIL-QT4-2024-07

Tgt Ion: 62 Resp: 5791

Ion Ratio Lower Upper

62 100

98 11.3 7.1 10.7#



#29

Cyclohexane

Concen: 0.902 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

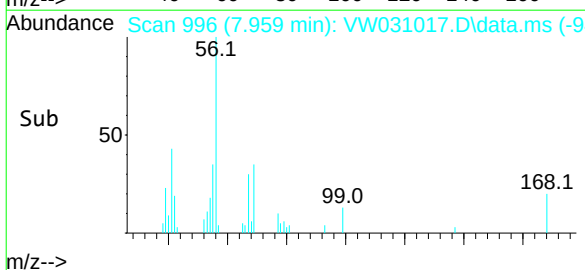
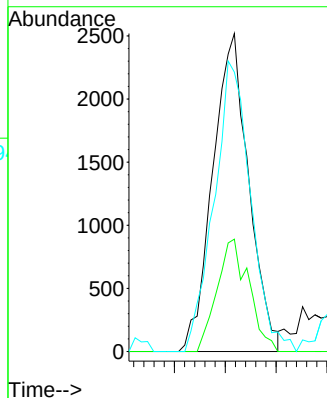
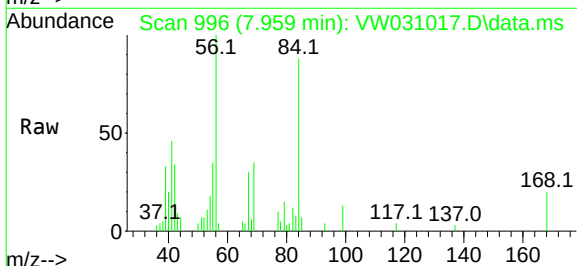
Tgt Ion: 56 Resp: 6195

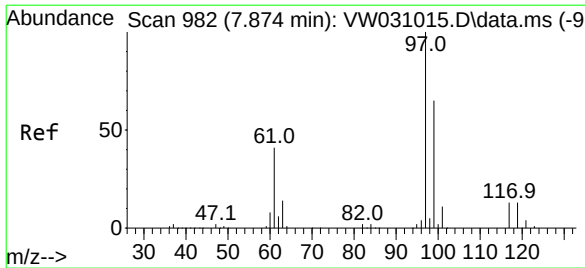
Ion Ratio Lower Upper

56 100

69 31.3 24.8 37.2

84 92.6 69.5 104.3

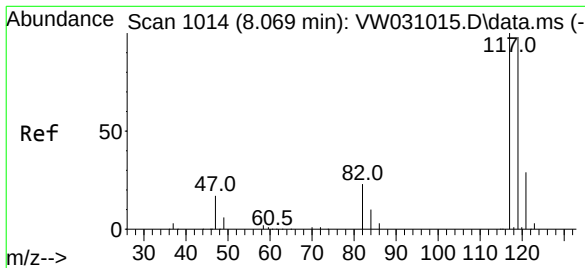
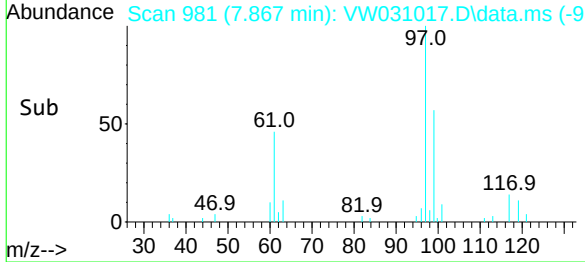
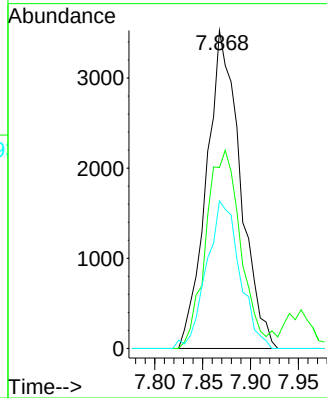
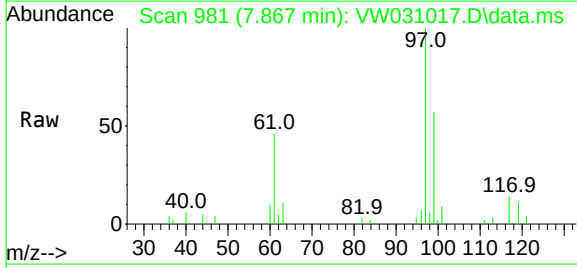




#30
1,1,1-Trichloroethane
Concen: 1.177 ug/L
RT: 7.867 min Scan# 98
Delta R.T. -0.006 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

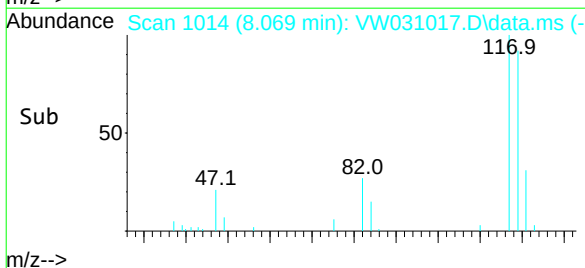
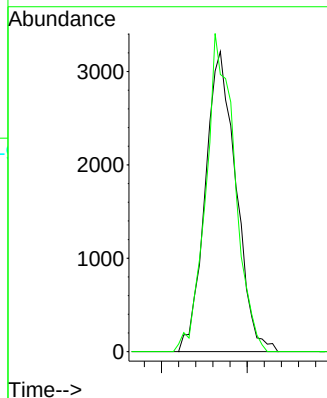
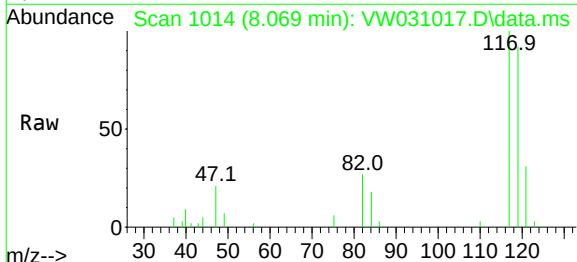
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

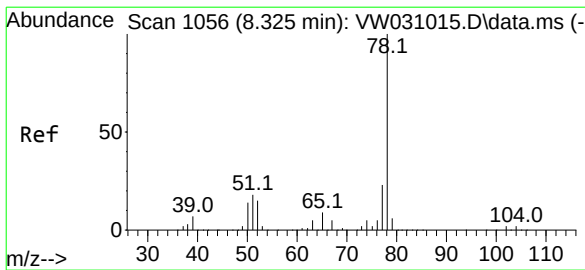
Tgt Ion: 97	Resp: 8668
Ion Ratio	Lower Upper
97 100	
99 63.6	51.3 76.9
61 45.5	36.2 54.4



#31
Carbon tetrachloride
Concen: 1.215 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Tgt Ion: 117	Resp: 8038
Ion Ratio	Lower Upper
117 100	
119 97.5	76.2 114.2





#33

Benzene

Concen: 1.216 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

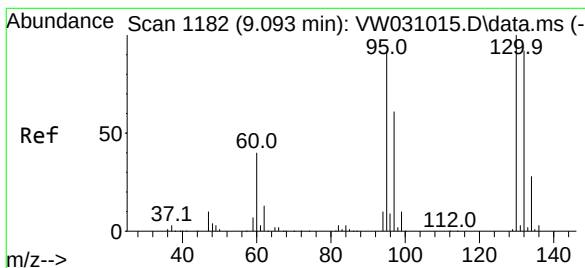
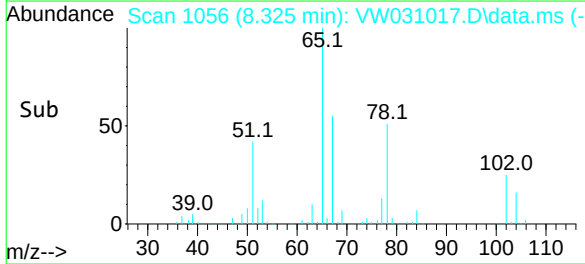
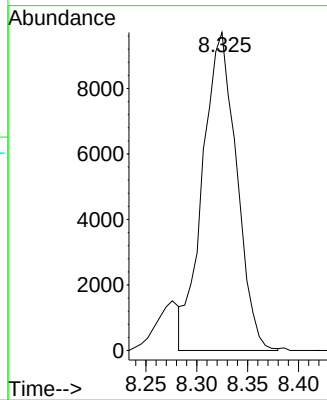
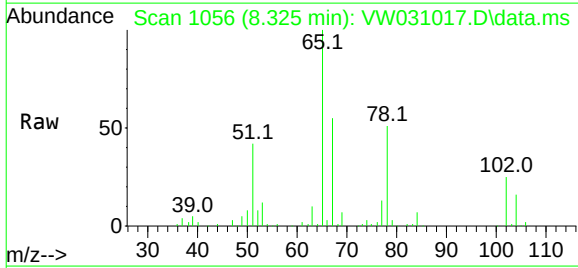
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion: 78 Resp: 22464



#34

Trichloroethene

Concen: 1.213 ug/L

RT: 9.093 min Scan# 1182

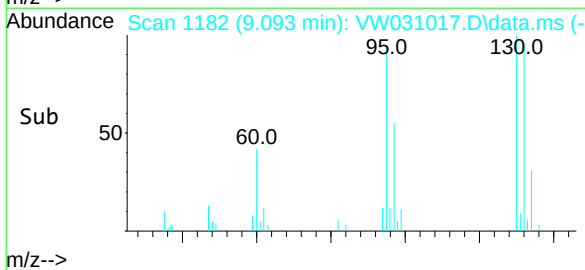
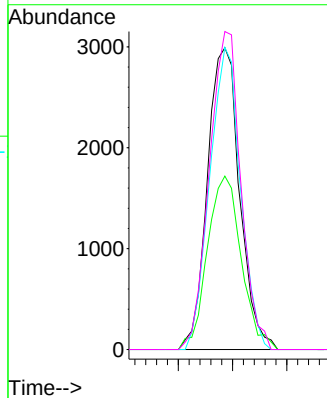
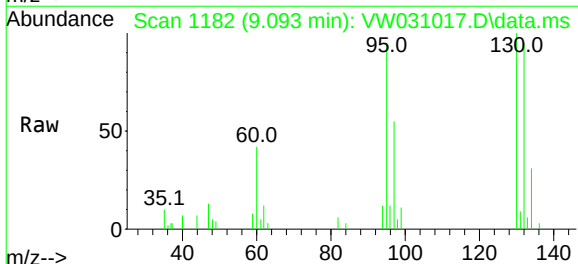
Delta R.T. -0.000 min

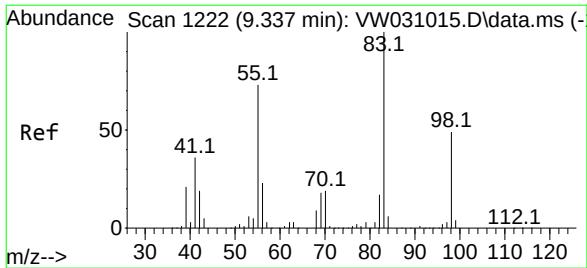
Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Tgt Ion: 95 Resp: 6177

Ion	Ratio	Lower	Upper
95	100		
97	57.5	48.9	90.7
132	100.1	67.7	125.7
130	105.4	73.1	135.8





#35

Methylcyclohexane

Concen: 0.955 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

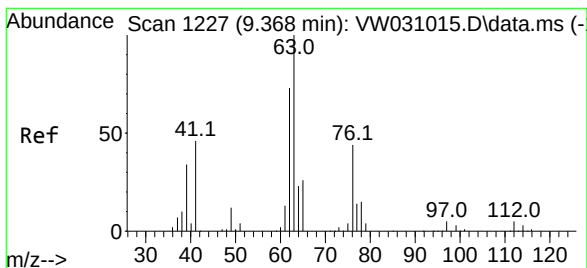
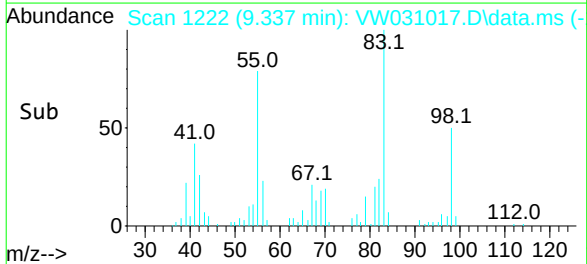
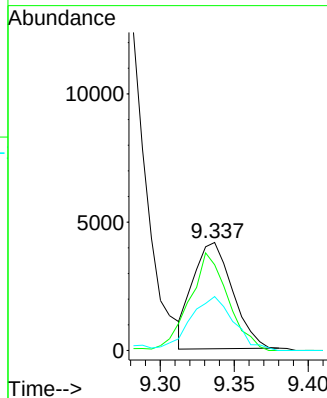
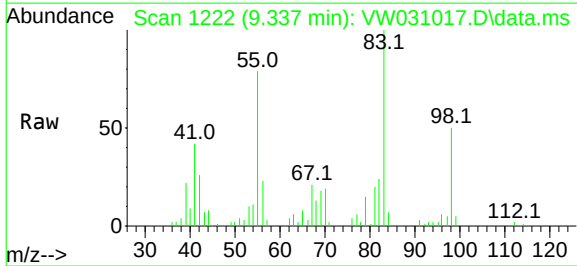
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion:	83	Resp:	7710
Ion	Ratio	Lower	Upper
83	100		
55	88.8	62.8	94.2
98	55.8	39.4	59.2



#37

1,2-Dichloropropane

Concen: 1.141 ug/L

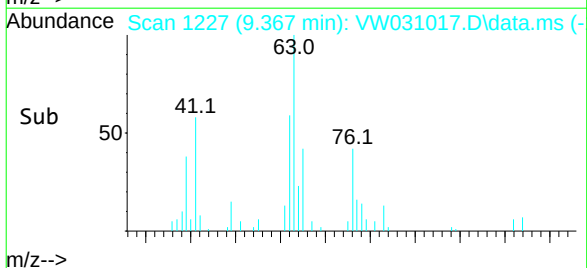
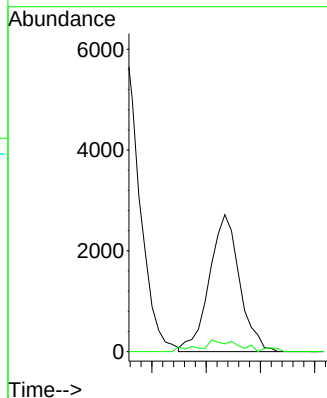
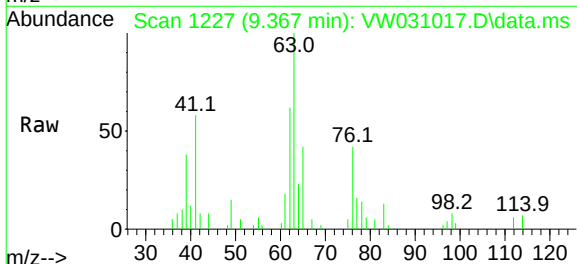
RT: 9.367 min Scan# 1227

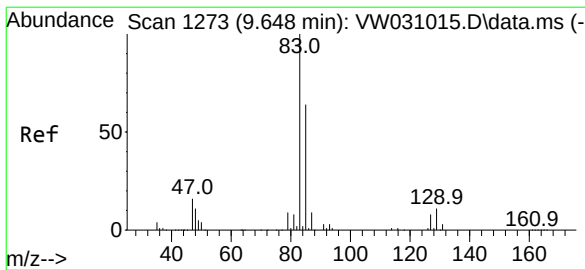
Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Tgt Ion:	63	Resp:	5265
Ion	Ratio	Lower	Upper
63	100		
112	2.7	3.5	5.3





#38

Bromodichloromethane

Concen: 1.144 ug/L

RT: 9.642 min Scan# 12

Delta R.T. -0.006 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

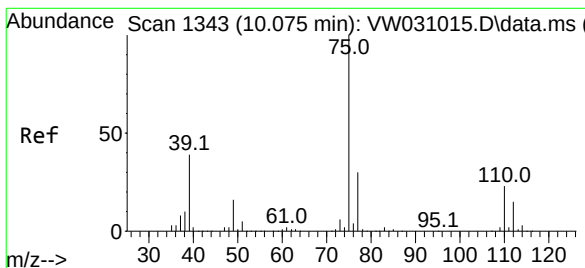
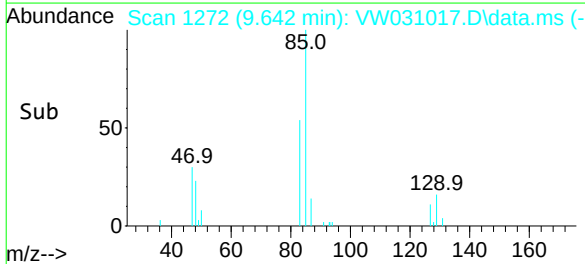
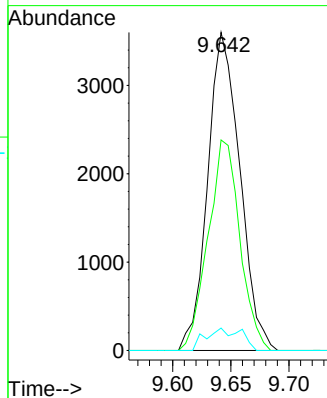
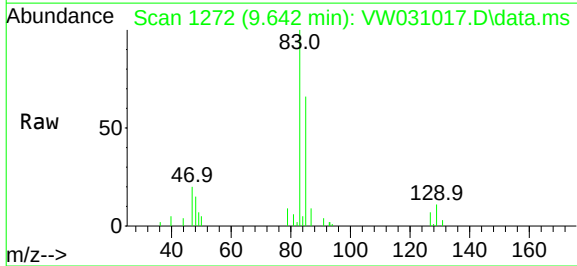
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion: 83	Resp: 6938
Ion Ratio	Lower Upper
83 100	
85 66.2	44.1 81.9
127 7.1	6.4 9.6



#39

cis-1,3-Dichloropropene

Concen: 1.056 ug/L

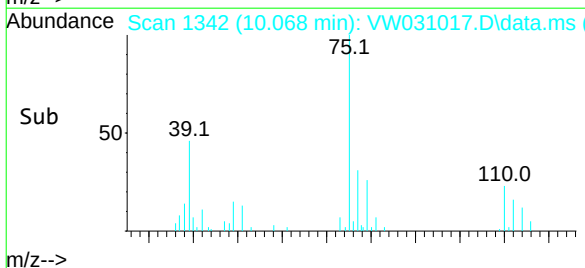
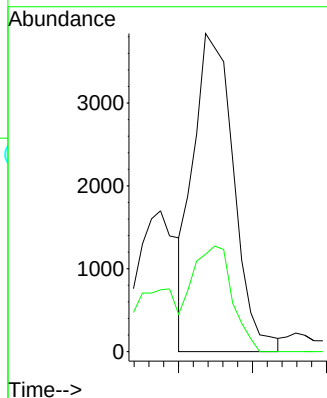
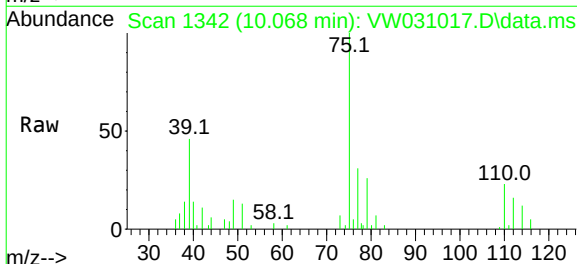
RT: 10.068 min Scan# 1342

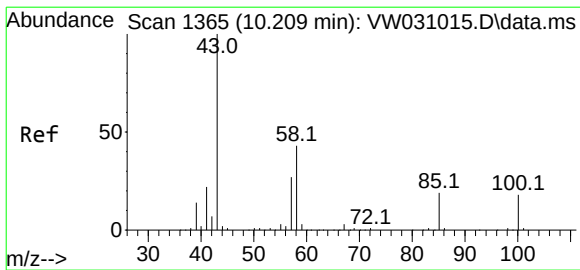
Delta R.T. -0.006 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Tgt Ion: 75	Resp: 7293
Ion Ratio	Lower Upper
75 100	
77 30.6	21.3 39.6





#40

4-Methyl-2-pentanone

Concen: 2.033 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

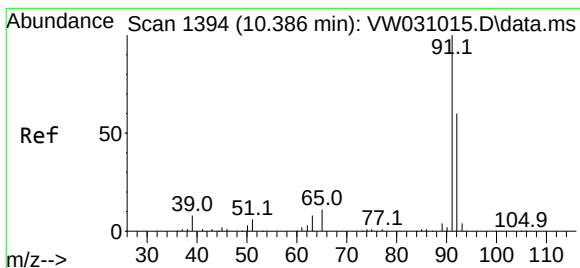
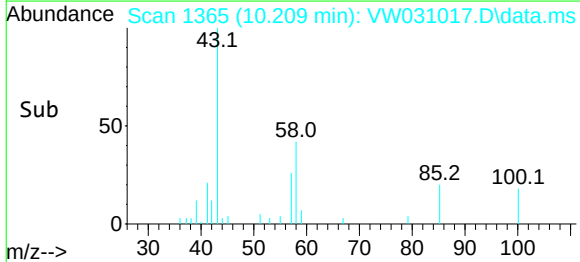
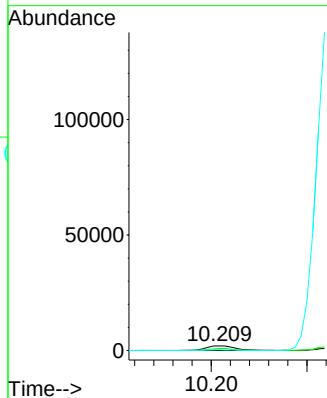
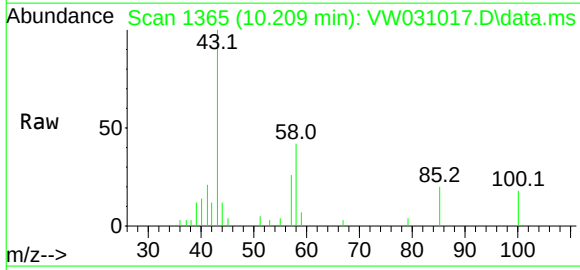
Tgt Ion: 43 Resp: 4292

Ion Ratio Lower Upper

43 100

58 36.8 32.2 48.4

100 14.2 13.3 19.9



#42

Toluene

Concen: 1.223 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031017.D

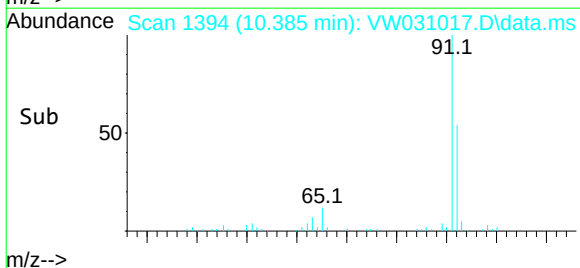
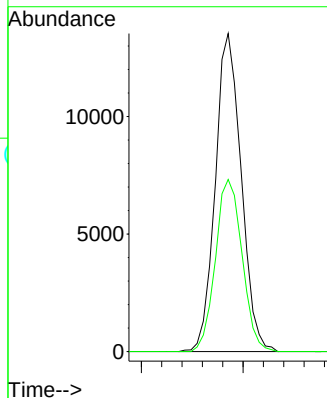
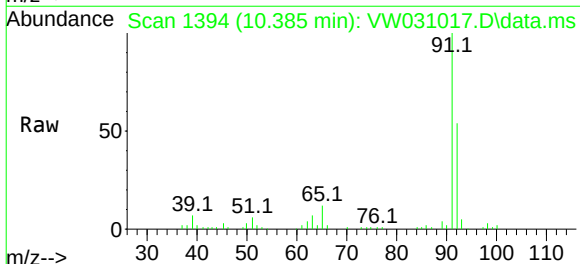
Acq: 14 Nov 2024 11:32

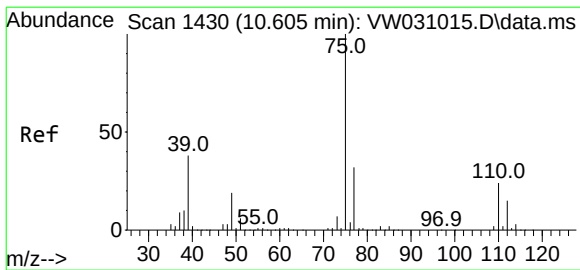
Tgt Ion: 91 Resp: 23915

Ion Ratio Lower Upper

91 100

92 54.1 39.4 73.2





#44

trans-1,3-Dichloropropene

Concen: 1.109 ug/L m

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

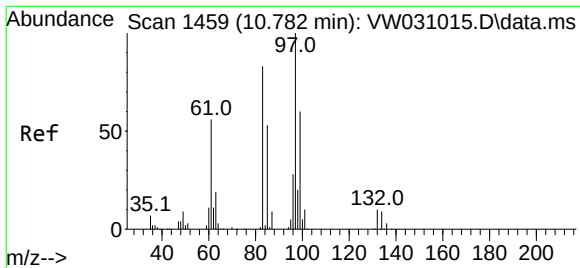
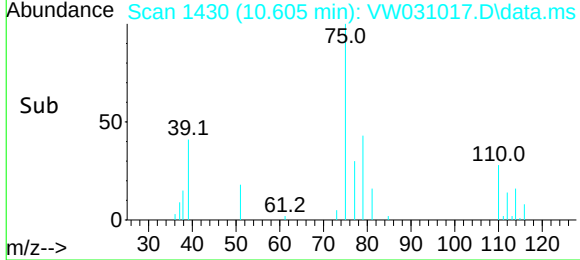
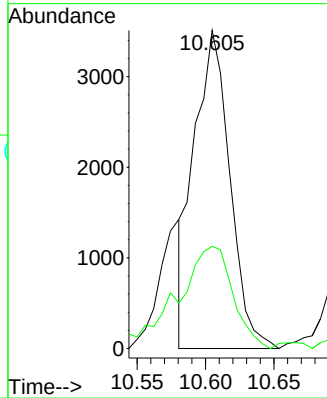
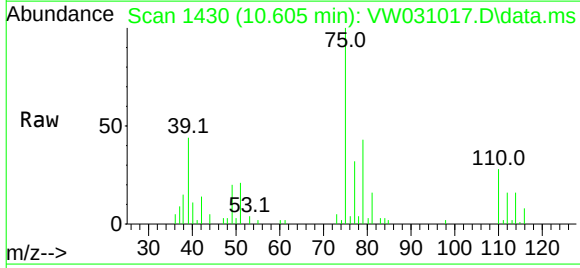
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion:	75	Resp:	6362
Ion	Ratio	Lower	Upper
75	100		
77	32.1	23.6	43.8



#45

1,1,2-Trichloroethane

Concen: 1.258 ug/L

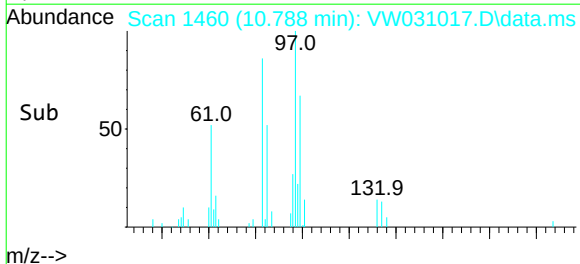
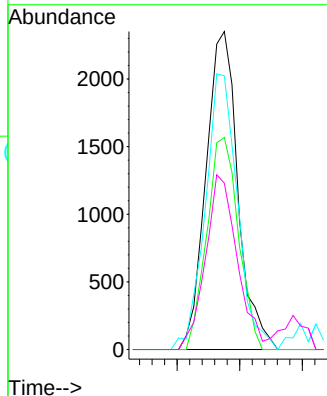
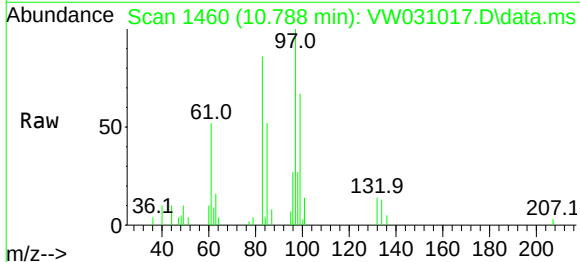
RT: 10.788 min Scan# 1460

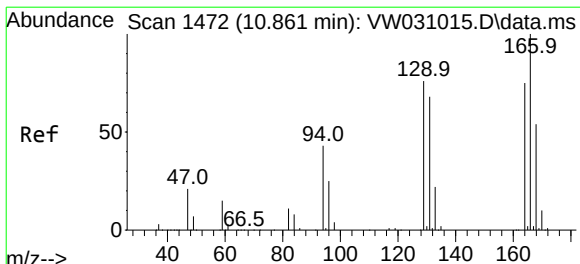
Delta R.T. 0.006 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Tgt Ion:	97	Resp:	4168
Ion	Ratio	Lower	Upper
97	100		
99	66.7	42.8	79.4
83	86.0	60.6	112.6
85	52.3	37.1	68.9

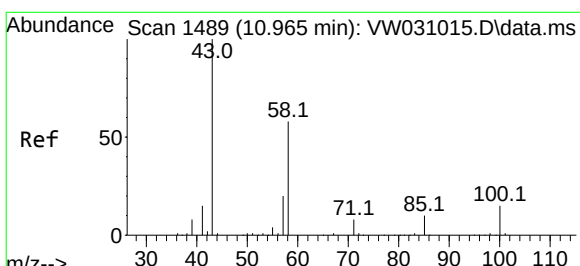
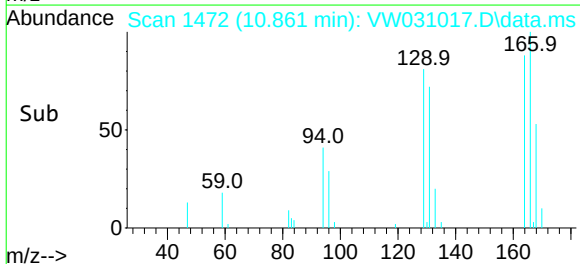
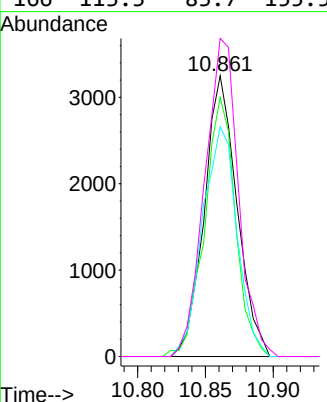
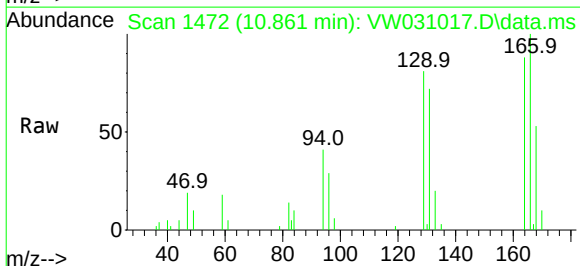




#46
 Tetrachloroethene
 Concen: 1.401 ug/L
 RT: 10.861 min Scan# 1472
 Delta R.T. -0.000 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

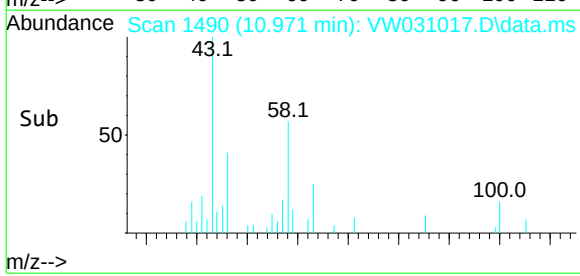
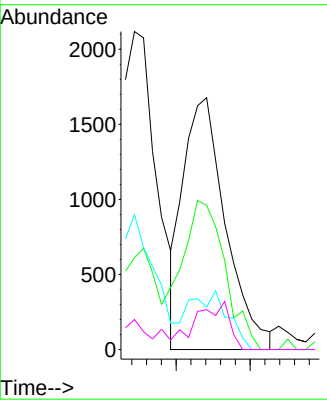
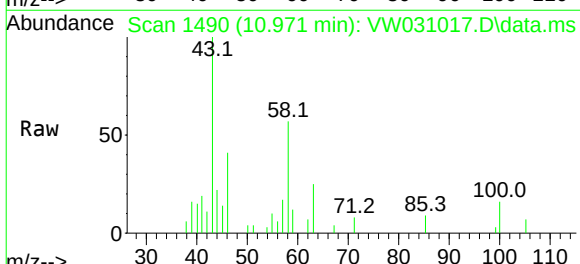
Instrument : MSVOA_W
 ClientSampleId : MDL-SOIL-QT4-2024-07

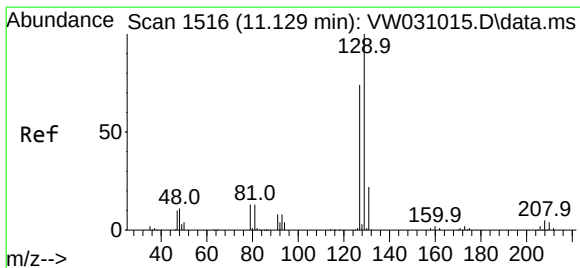
Tgt Ion:	164	Resp:	5454
Ion	Ratio	Lower	Upper
164	100		
129	92.3	71.1	132.1
131	81.8	62.6	116.3
166	113.3	83.7	155.5



#48
 2-Hexanone
 Concen: 2.091 ug/L
 RT: 10.971 min Scan# 1490
 Delta R.T. 0.006 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

Tgt Ion:	43	Resp:	3359
Ion	Ratio	Lower	Upper
43	100		
58	60.9	43.8	65.8
57	12.3	15.4	23.2#
100	8.1	10.2	15.2#





#49

Dibromochloromethane

Concen: 1.192 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

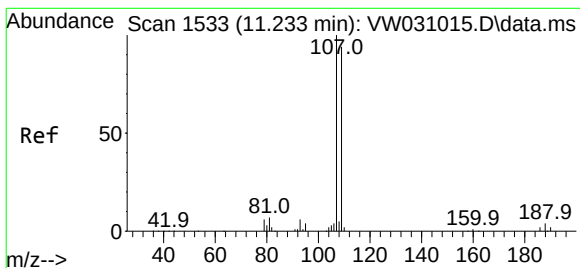
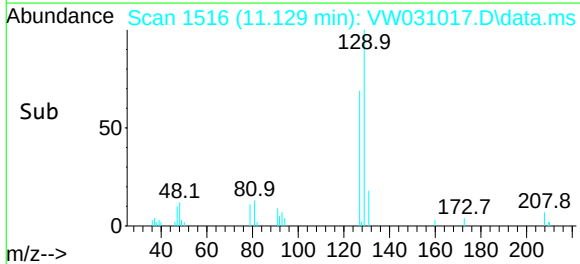
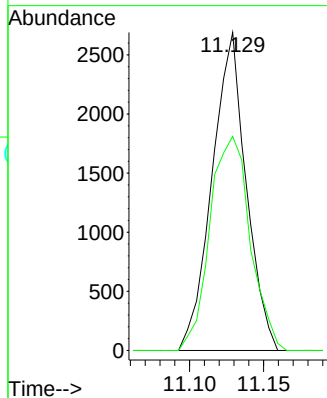
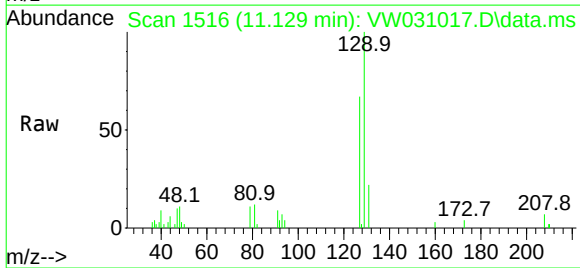
MDL-SOIL-QT4-2024-07

Tgt Ion:129 Resp: 4306

Ion Ratio Lower Upper

129 100

127 69.7 52.1 96.7



#50

1,2-Dibromoethane

Concen: 1.238 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

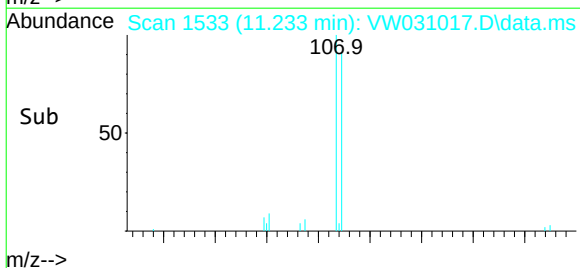
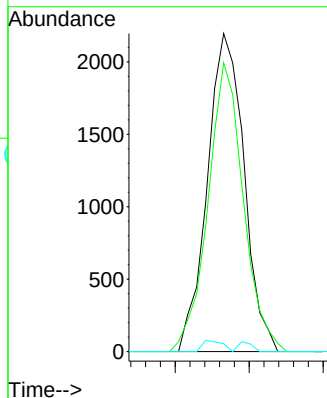
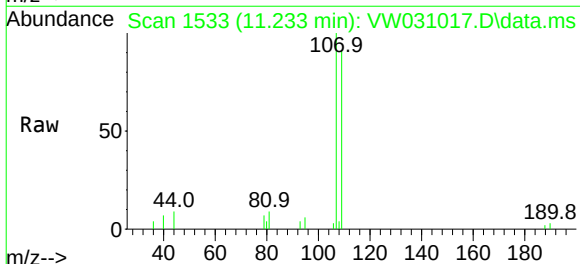
Tgt Ion:107 Resp: 3784

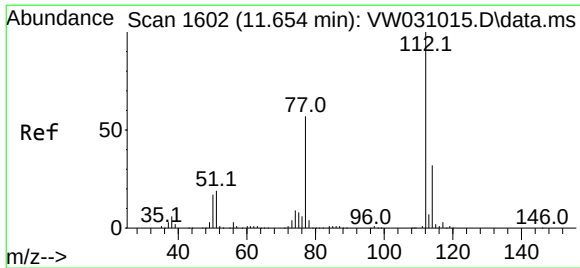
Ion Ratio Lower Upper

107 100

109 90.8 64.3 119.3

188 2.5 2.7 4.1#





#51

Chlorobenzene

Concen: 1.291 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

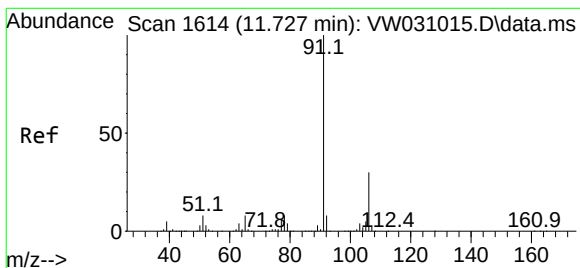
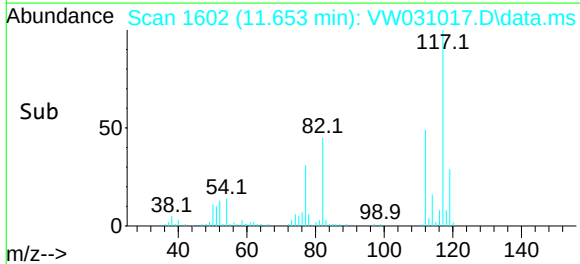
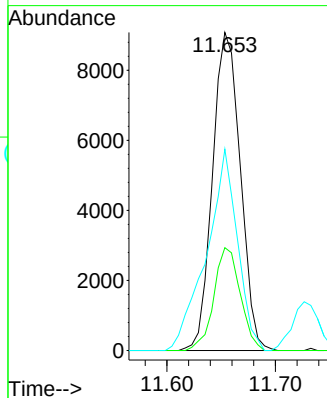
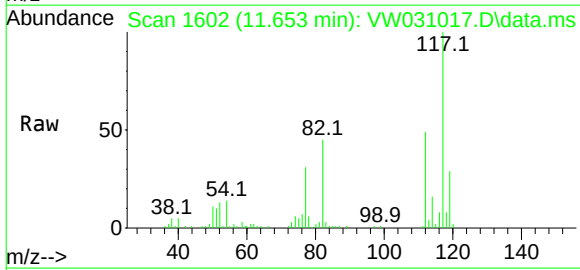
Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion:	112	Resp:	16167
Ion Ratio	Lower	Upper	
112	100		
114	32.3	21.9	40.7
77	63.3	45.3	67.9



#52

Ethylbenzene

Concen: 1.060 ug/L

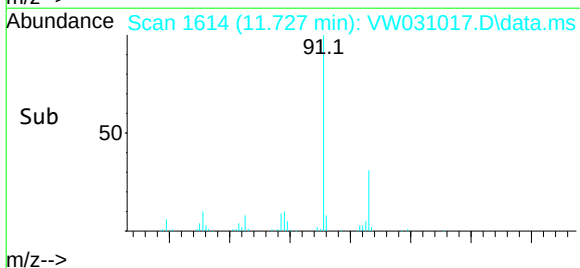
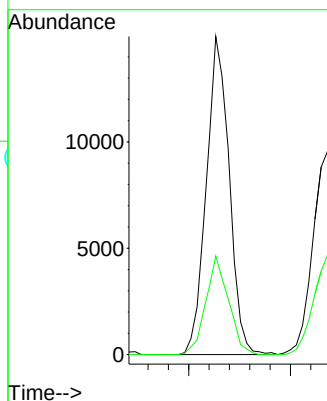
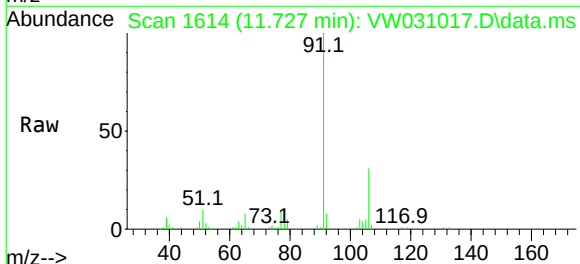
RT: 11.727 min Scan# 1614

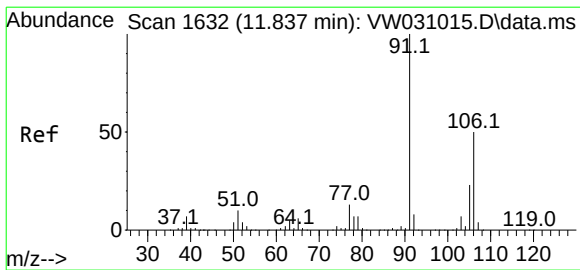
Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Tgt Ion:	91	Resp:	23427
Ion Ratio	Lower	Upper	
91	100		
106	31.0	21.6	40.0





#53

m,p-Xylene

Concen: 1.116 ug/L

RT: 11.836 min Scan# 16

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

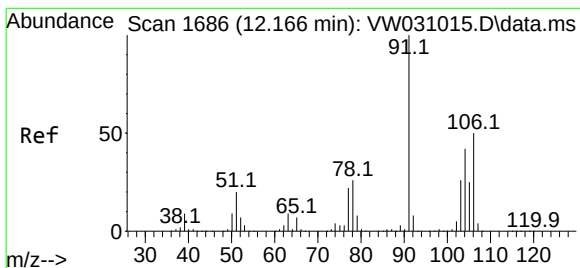
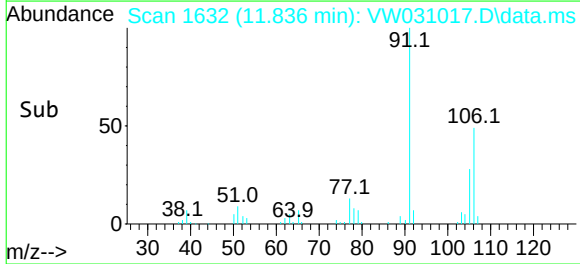
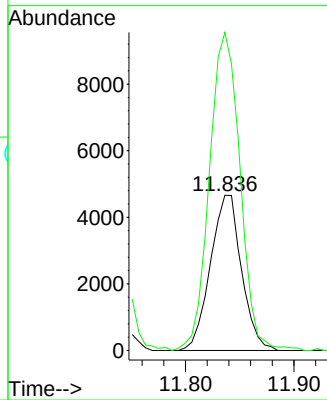
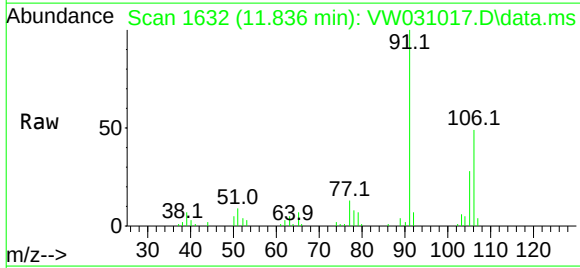
MDL-SOIL-QT4-2024-07

Tgt Ion:106 Resp: 9273

Ion Ratio Lower Upper

106 100

91 205.0 140.7 261.3



#54

o-Xylene

Concen: 0.922 ug/L

RT: 12.159 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW031017.D

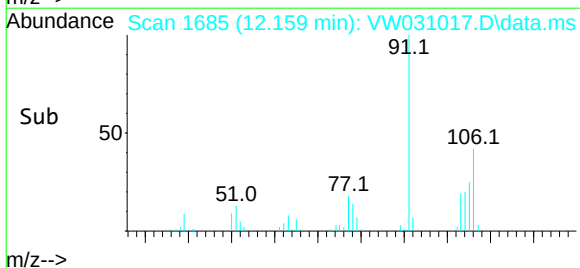
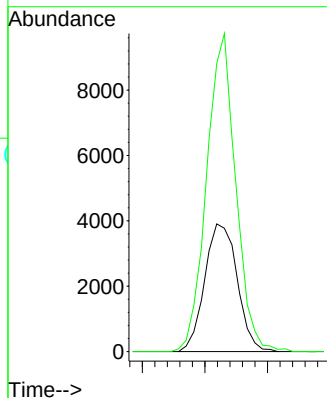
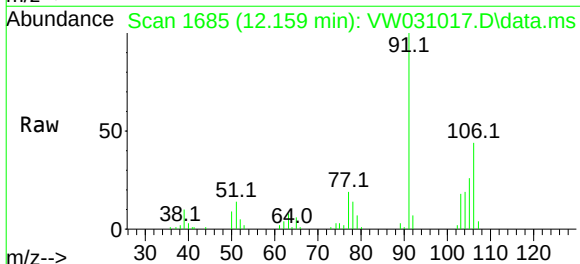
Acq: 14 Nov 2024 11:32

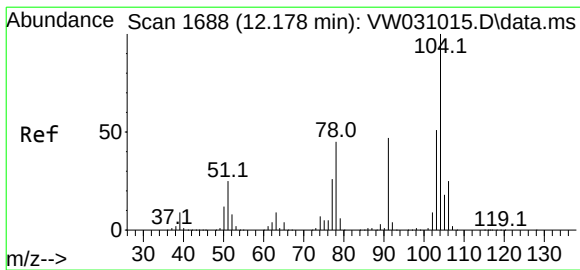
Tgt Ion:106 Resp: 7049

Ion Ratio Lower Upper

106 100

91 225.7 149.9 278.3





#55

Styrene

Concen: 0.853 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

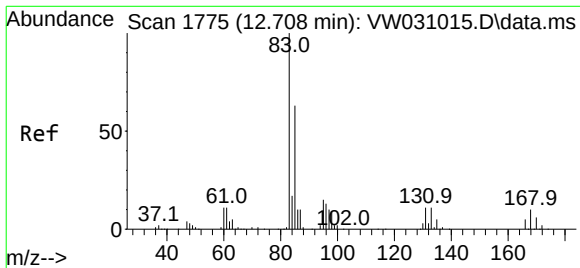
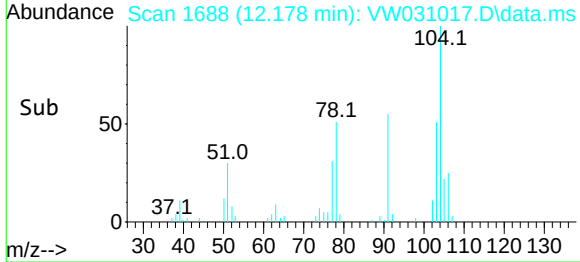
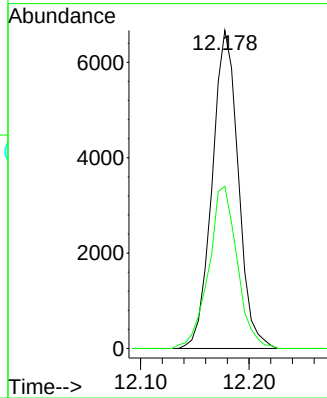
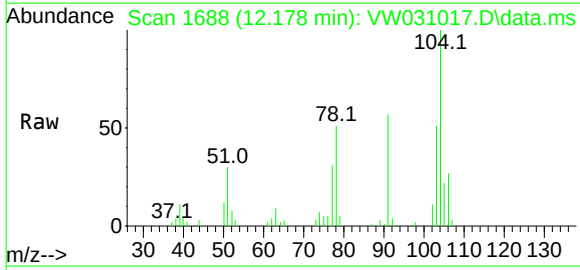
MDL-SOIL-QT4-2024-07

Tgt Ion:104 Resp: 11147

Ion Ratio Lower Upper

104 100

78 51.0 31.8 59.0



#57

1,1,2,2-Tetrachloroethane

Concen: 1.306 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

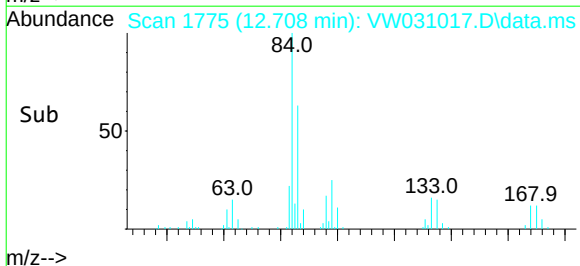
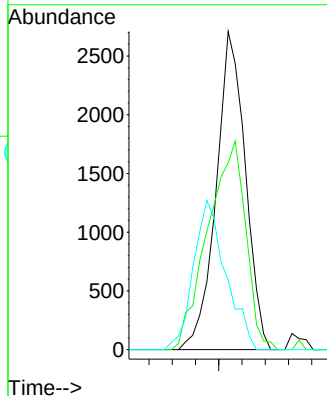
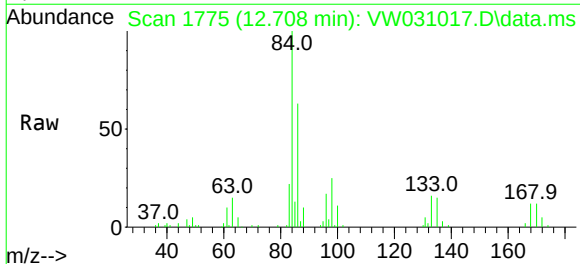
Tgt Ion: 83 Resp: 4722

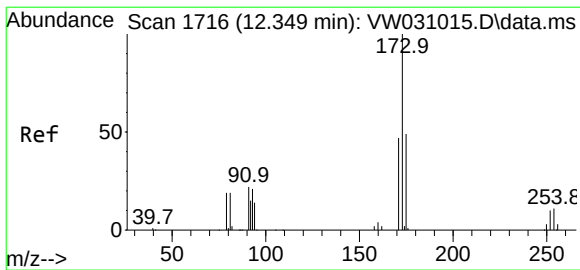
Ion Ratio Lower Upper

83 100

85 58.7 45.1 83.7

131 22.0 7.7 11.5#





#59

Bromoform

Concen: 1.193 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW031017.D

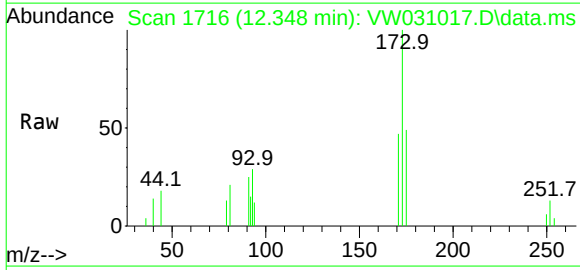
Acq: 14 Nov 2024 11:32

Instrument :

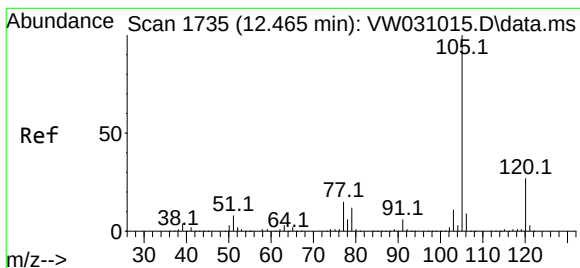
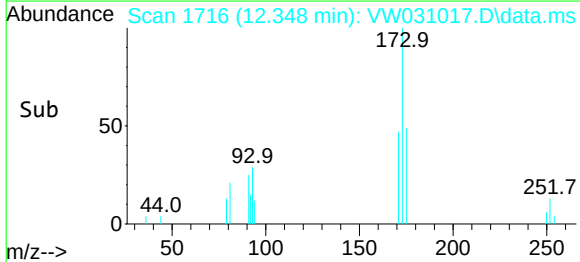
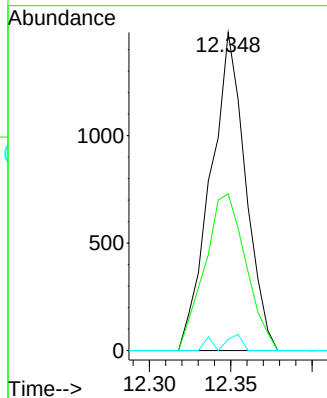
MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07



Tgt Ion:	173	Resp:	2214
Ion	Ratio	Lower	Upper
173	100		
175	57.9	39.3	58.9
254	2.1	7.8	11.6



#60

Isopropylbenzene

Concen: 0.993 ug/L

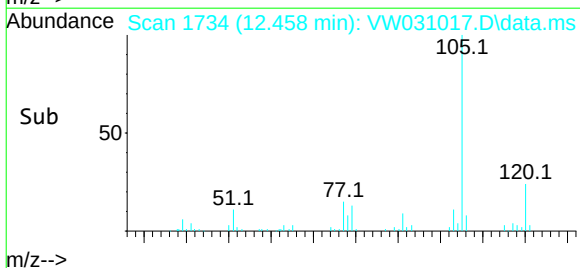
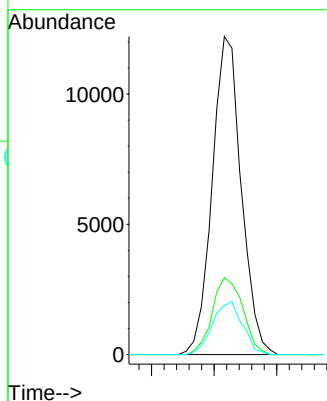
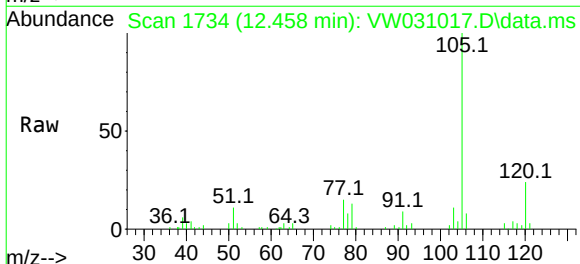
RT: 12.458 min Scan# 1734

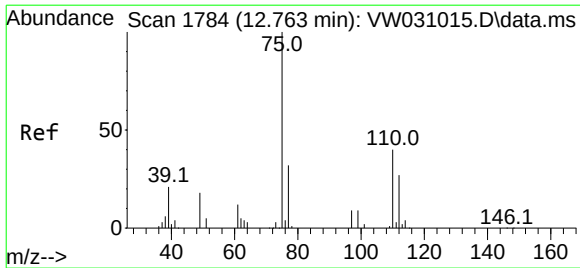
Delta R.T. -0.006 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Tgt Ion:	105	Resp:	19694
Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.6	31.0
77	17.2	13.0	19.4

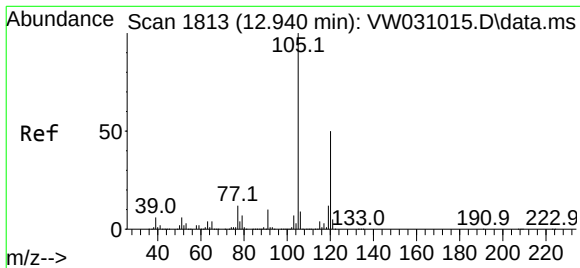
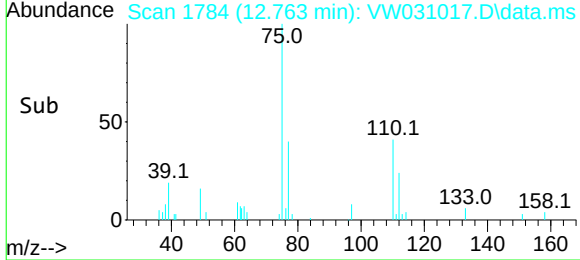
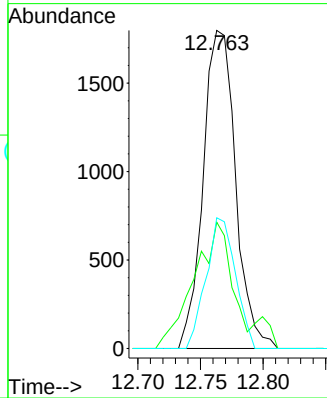
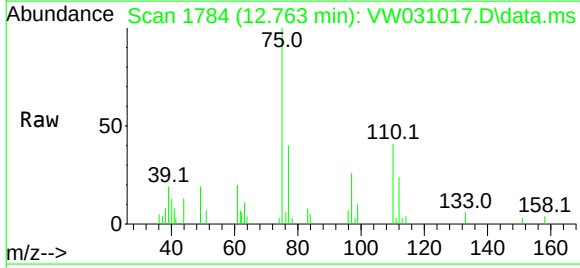




#61
 1,2,3-Trichloropropane
 Concen: 1.330 ug/L
 RT: 12.763 min Scan# 1784
 Delta R.T. -0.000 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

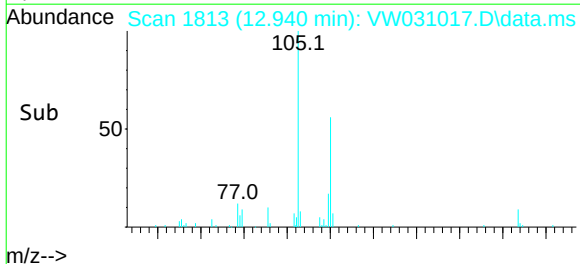
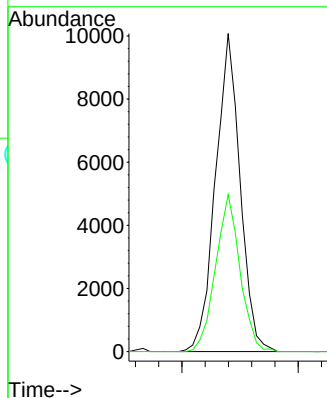
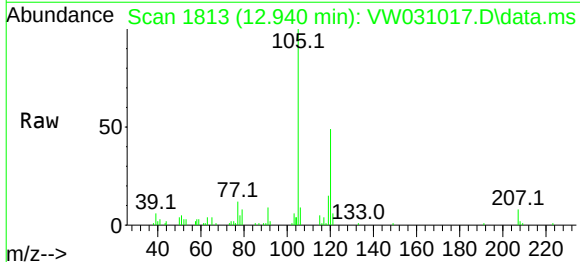
Instrument : MSVOA_W
 ClientSampleId : MDL-SOIL-QT4-2024-07

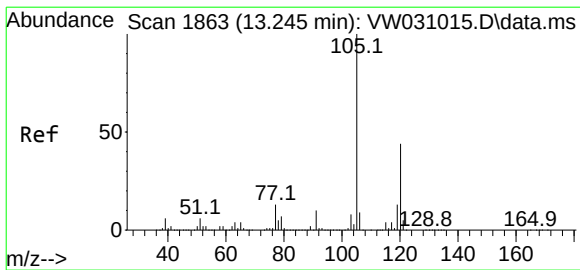
Tgt Ion:	75	Resp:	3240
Ion Ratio	Lower	Upper	
75	100		
77	46.2	26.2	39.2#
110	37.1	31.8	47.8



#62
 1,3,5-Trimethylbenzene
 Concen: 0.948 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

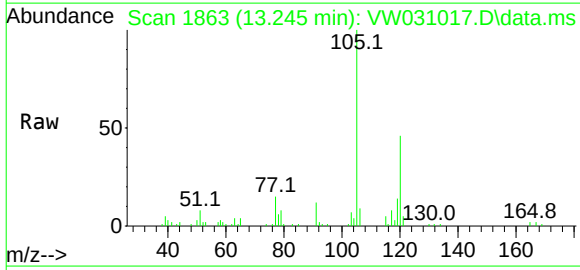
Tgt Ion:	105	Resp:	14794
Ion Ratio	Lower	Upper	
105	100		
120	49.0	38.7	58.1



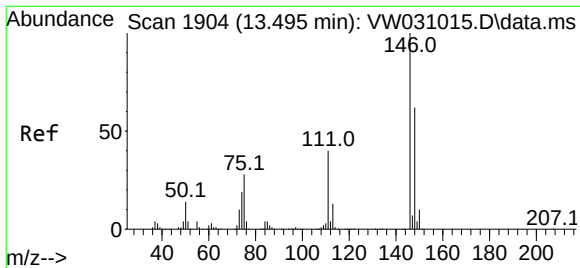
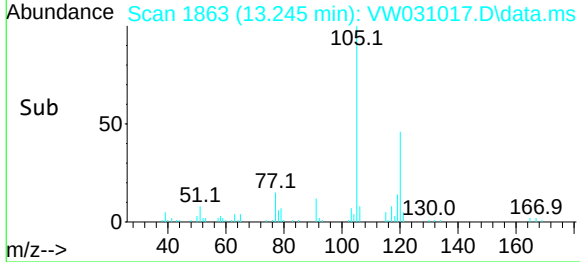
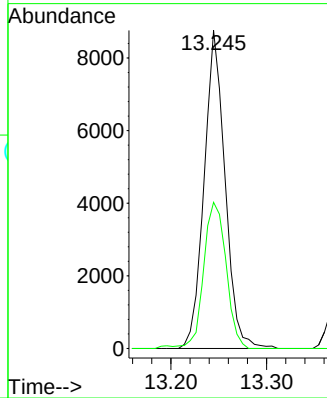


#63
 1,2,4-Trimethylbenzene
 Concen: 0.876 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

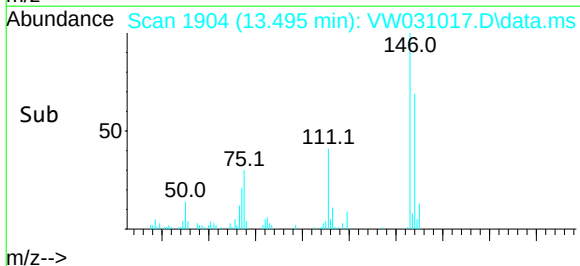
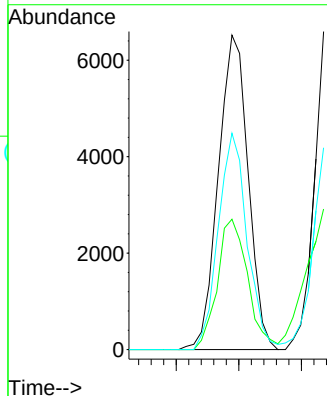
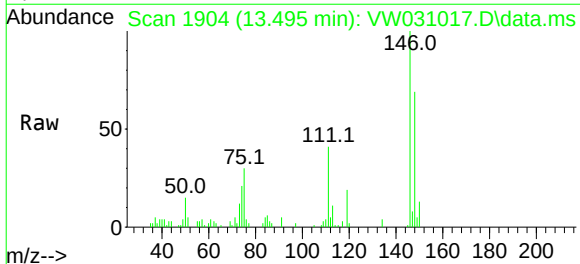


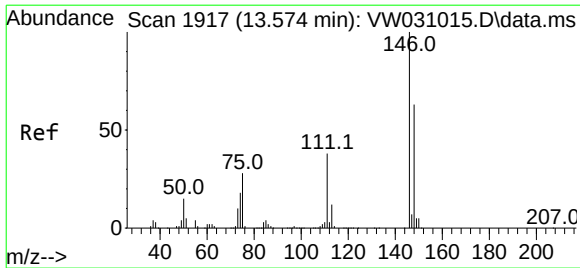
Tgt Ion:105 Resp: 13319
 Ion Ratio Lower Upper
 105 100
 120 48.9 35.9 53.9



#64
 1,3-Dichlorobenzene
 Concen: 1.240 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

Tgt Ion:146 Resp: 10796
 Ion Ratio Lower Upper
 146 100
 111 41.5 26.8 49.8
 148 68.8 41.8 77.6

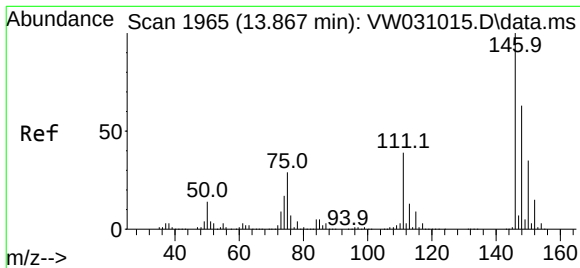
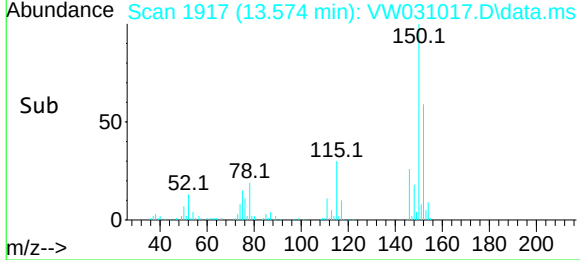
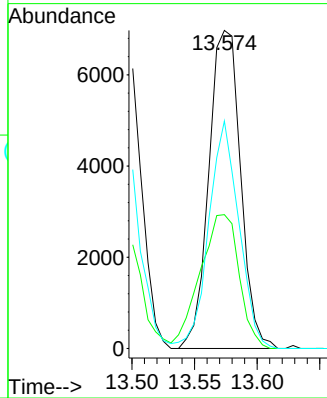
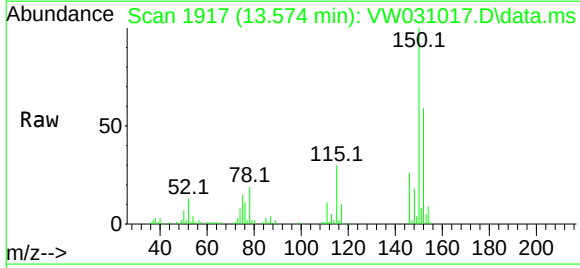




#65
1,4-Dichlorobenzene
Concen: 1.377 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

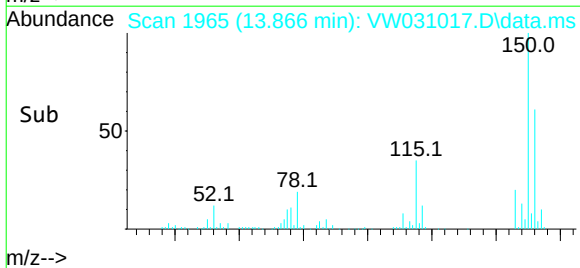
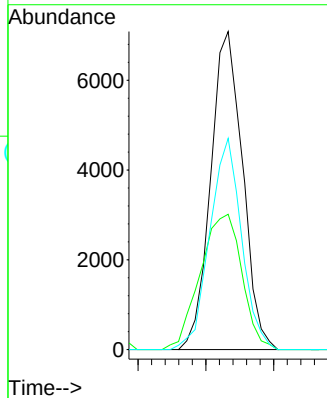
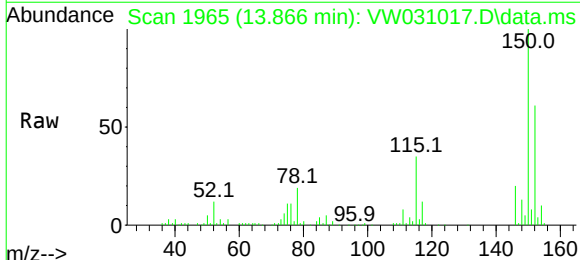
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

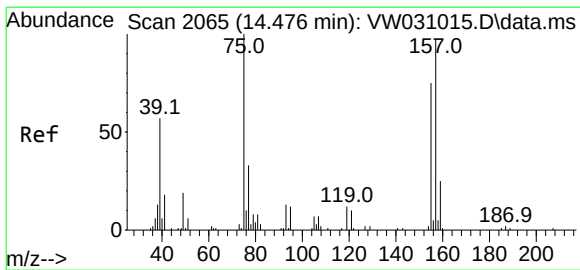
Tgt Ion:	146	Resp:	12305
Ion Ratio	Lower	Upper	
146	100		
111	42.1	27.6	51.4
148	71.5	41.6	77.2



#67
1,2-Dichlorobenzene
Concen: 1.494 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Tgt Ion:	146	Resp:	11588
Ion Ratio	Lower	Upper	
146	100		
111	42.5	34.3	51.5
148	66.4	48.0	72.0

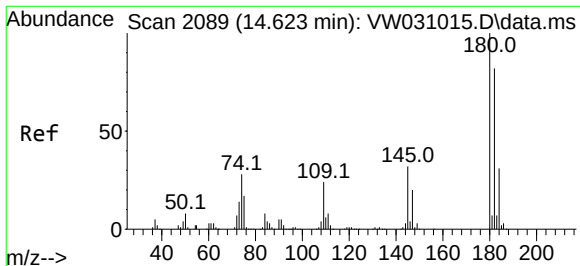
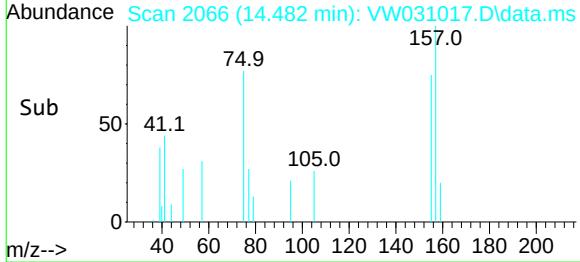
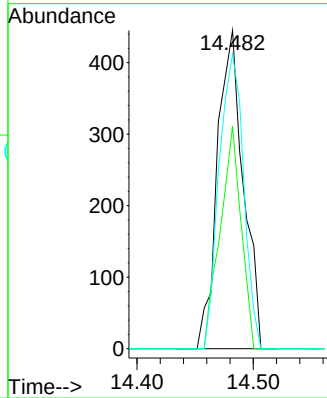
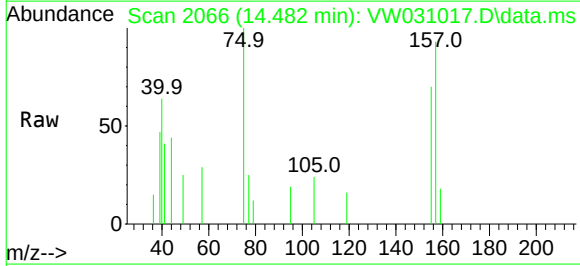




#68
1,2-Dibromo-3-chloropropane
Concen: 1.334 ug/L m
RT: 14.482 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

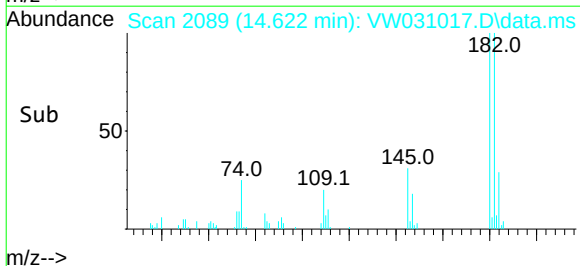
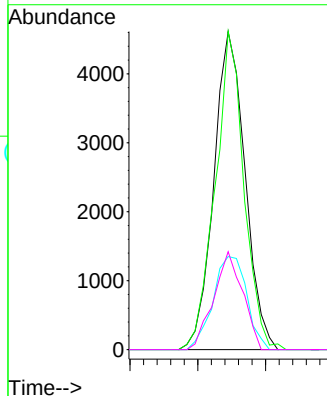
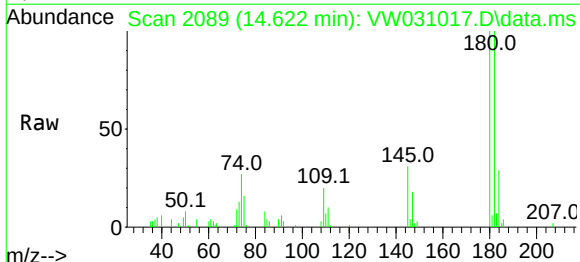
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

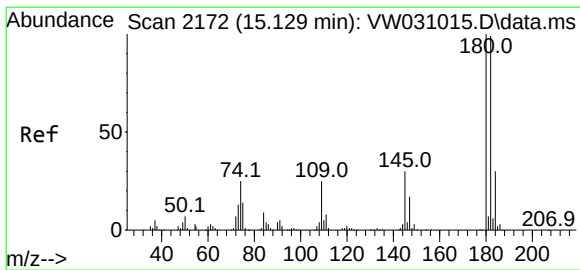
Tgt Ion:	75	Resp:	688
Ion	Ratio	Lower	Upper
75	100		
155	69.9	56.2	84.2
157	92.6	74.9	112.3



#69
1,3,5-Trichlorobenzene
Concen: 1.276 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Tgt Ion:	180	Resp:	7373
Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.6	114.8
184	31.6	23.9	35.9
145	28.6	23.9	35.9

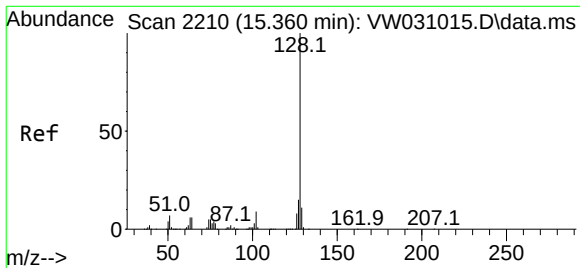
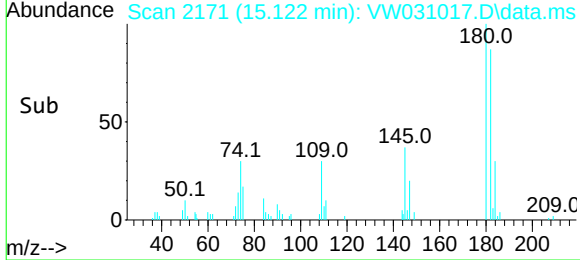
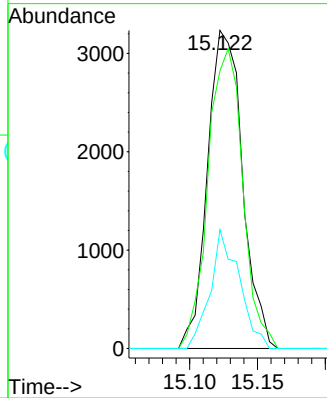
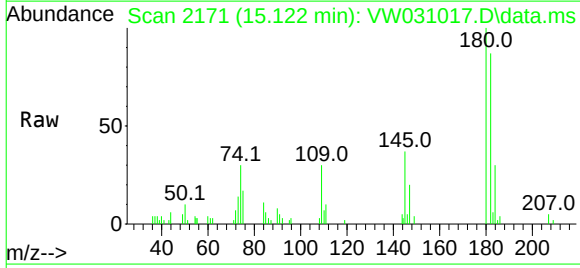




#70
1,2,4-trichlorobenzene
Concen: 1.267 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

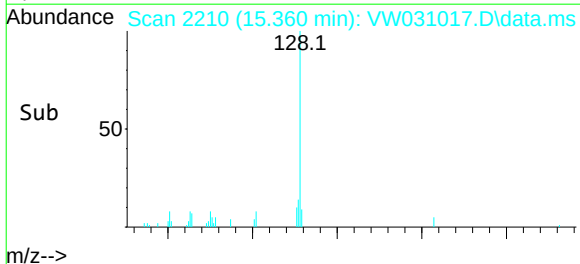
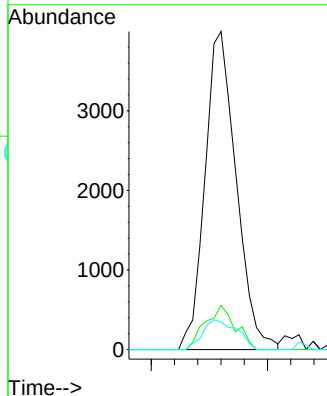
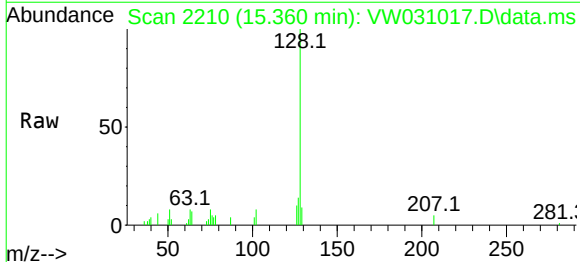
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

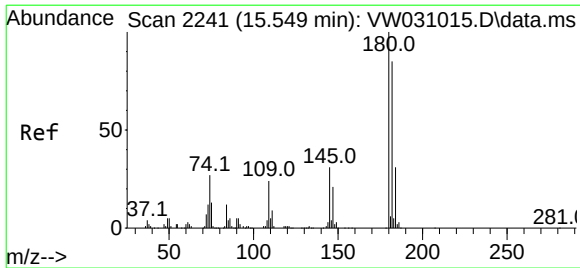
Tgt Ion:	180	Resp:	5813
Ion Ratio	Lower	Upper	
180	100		
182	93.3	74.5	111.7
145	31.0	24.2	36.2



#71
Naphthalene
Concen: 1.003 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Tgt Ion:	128	Resp:	7460
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.2	15.4
129	10.2	8.7	13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.306 ug/L
 RT: 15.549 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Tgt Ion:	180	Resp:	5163
Ion Ratio	Lower	Upper	
180	100		
182	97.1	79.2	118.8
145	29.3	27.0	40.6

