

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
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 04:03:41 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	2281	0.538 ug/L #	35
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	4.679	43	996	0.695 ug/L	98
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
23) Bromochloromethane	7.508	128	1310	0.671 ug/L #	90
25) Chloroform	7.679	83	10976	1.330 ug/L	96
27) 1,2-Dichloroethane	8.404	62	5791	1.127 ug/L #	93
29) Cyclohexane	7.959	56	6195	0.902 ug/L	95

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

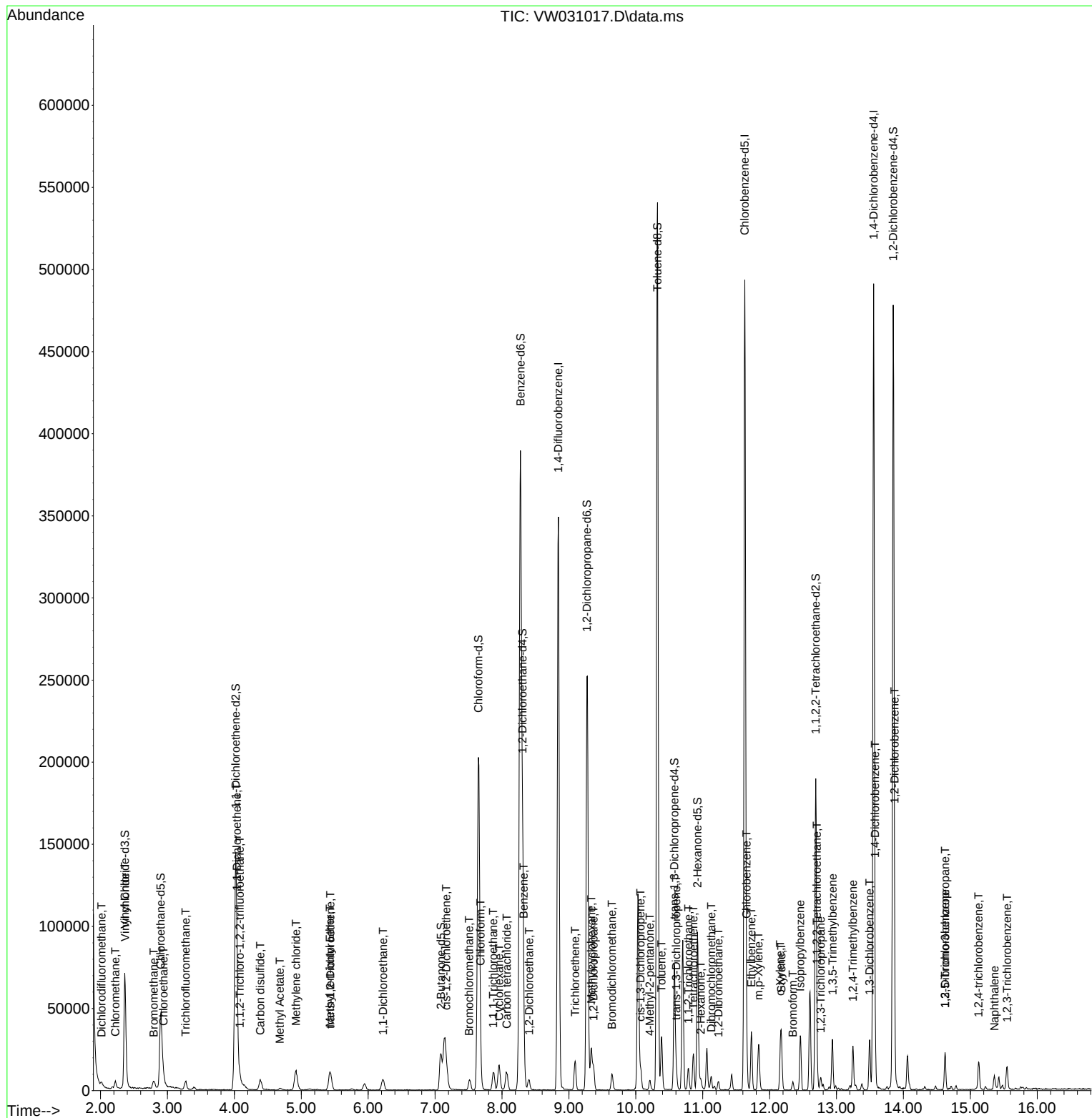
30) 1,1,1-Trichloroethane	7.867	97	8668	1.177	ug/L	100
31) Carbon tetrachloride	8.069	117	8038	1.215	ug/L	98
33) Benzene	8.325	78	22464	1.216	ug/L	100
34) Trichloroethene	9.093	95	6177	1.213	ug/L	95
35) Methylcyclohexane	9.337	83	7710	0.955	ug/L	89
37) 1,2-Dichloropropane	9.367	63	5265	1.141	ug/L #	95
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	7974	1.390	ug/L	97
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...	14.622	75	1209	2.343	ug/L #	8
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

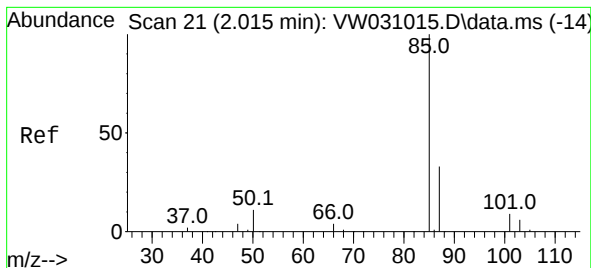
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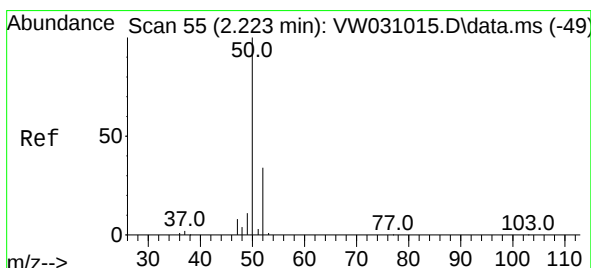
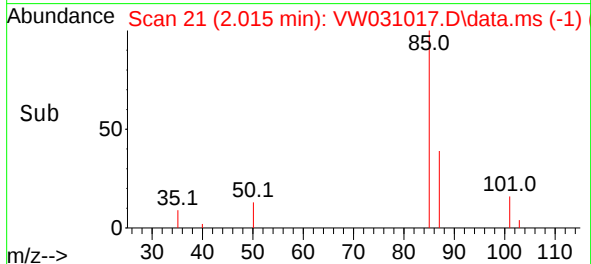
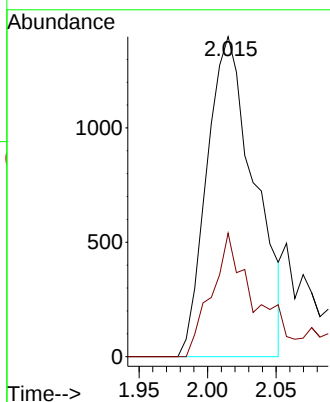
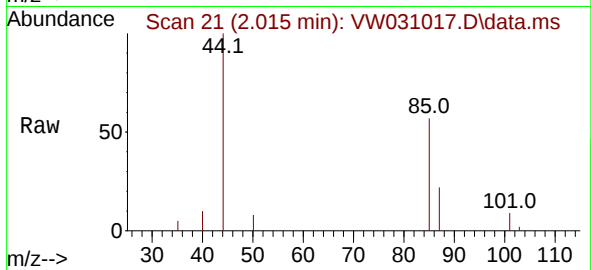




#2
 Dichlorodifluoromethane
 Concen: 1.070 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

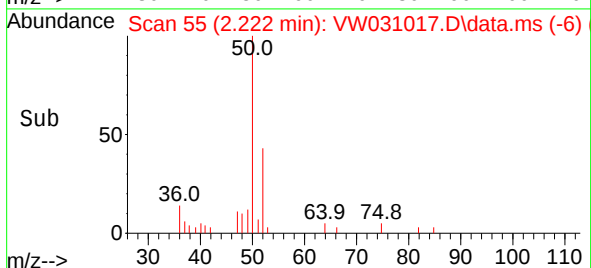
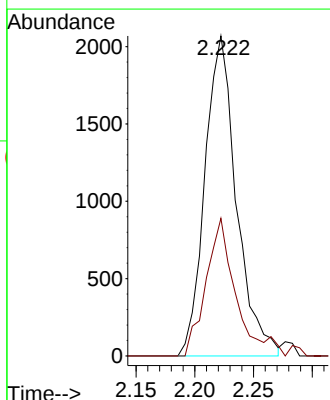
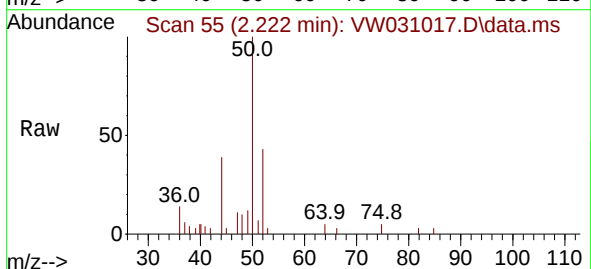
Instrument :
 MSVOA_W
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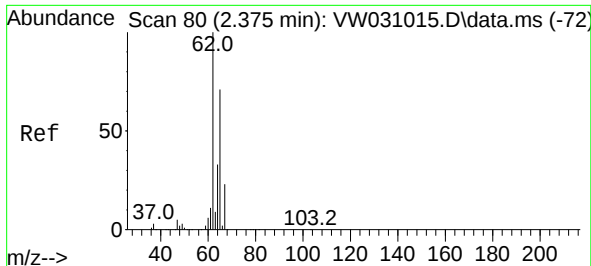
Tgt Ion: 85 Resp: 3380
 Ion Ratio Lower Upper
 85 100
 87 26.3 24.2 36.4



#3
 Chloromethane
 Concen: 0.910 ug/L
 RT: 2.222 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#

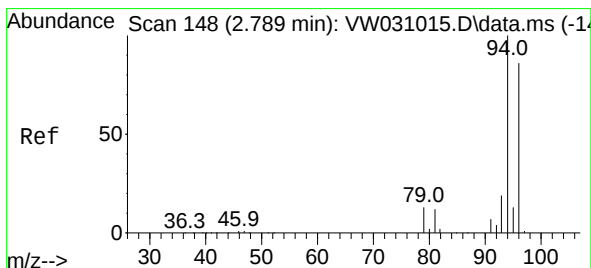
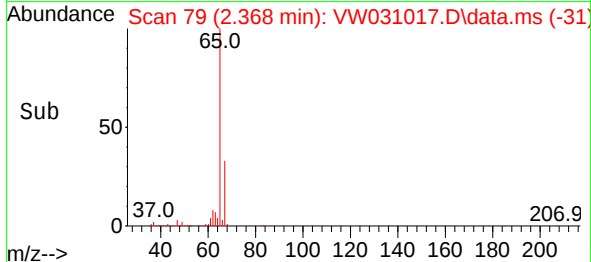
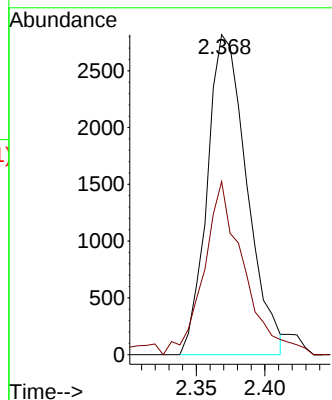
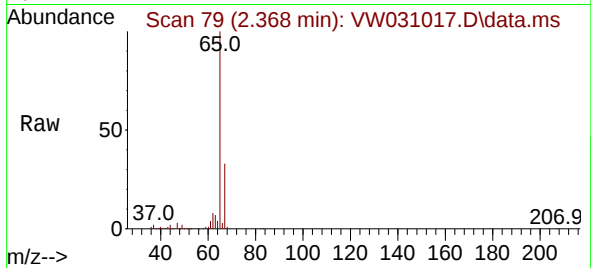




#5
 Vinyl chloride
 Concen: 1.124 ug/L
 RT: 2.368 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VW031017.D
 Acq: 14 Nov 2024 11:32

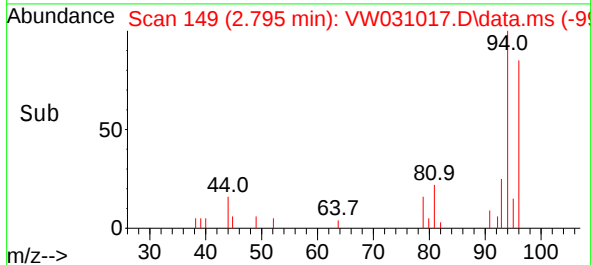
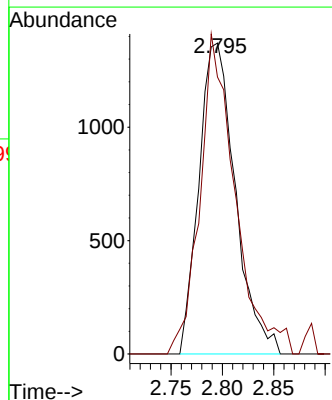
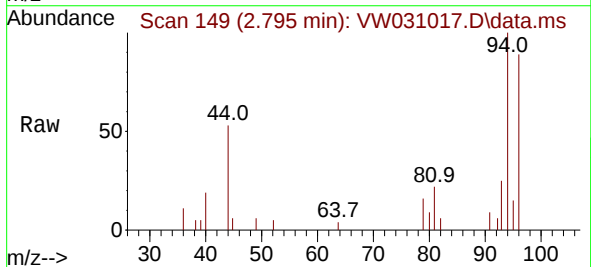
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 ClientSampleId :

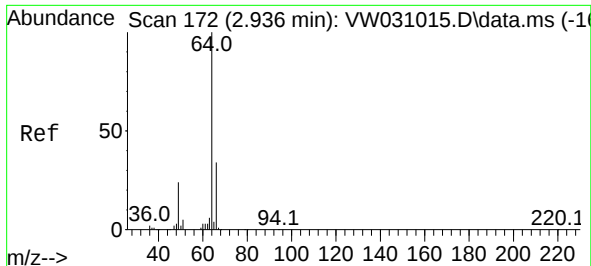
Tgt Ion: 62 Resp: 5670
 Ion Ratio Lower Upper
 62 100
 64 54.1 21.7 40.3#



#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

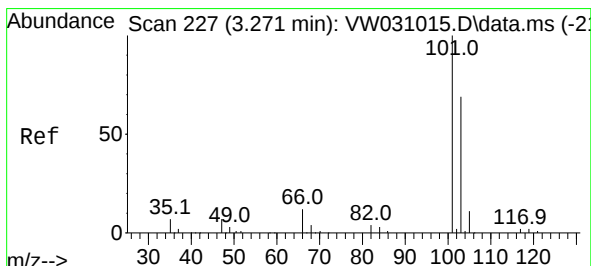
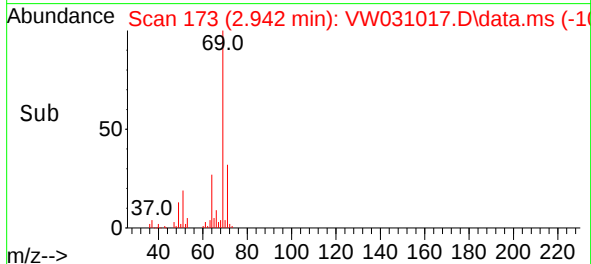
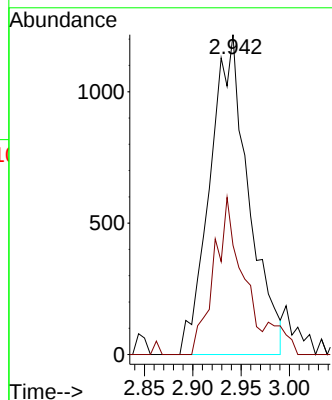
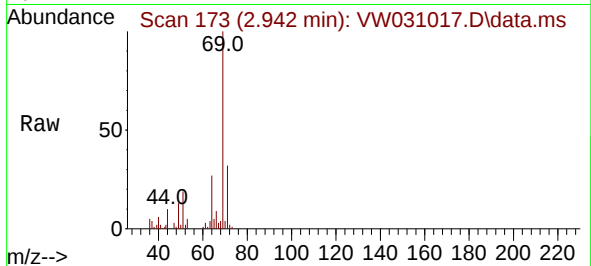




#8
Chloroethane
Concen: 1.108 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

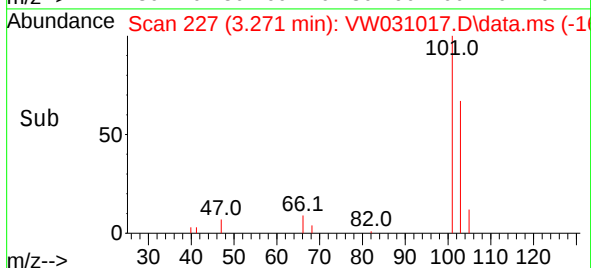
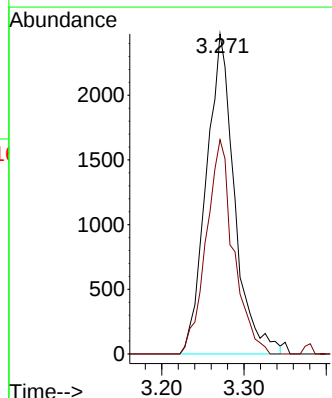
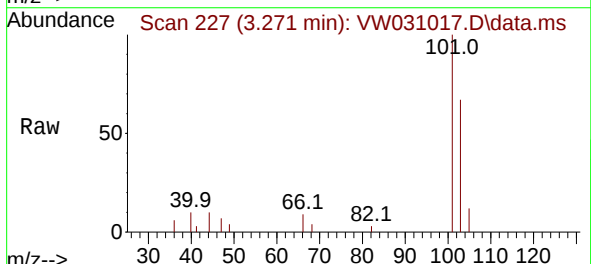
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MSVOA_W
ClientSampleId :

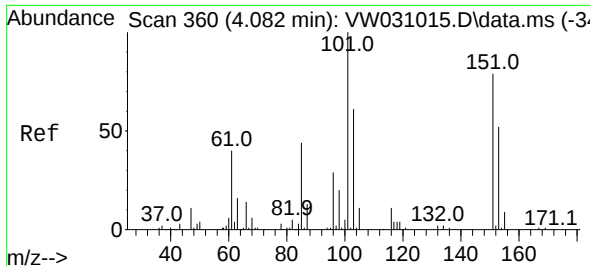
Tgt Ion: 64 Resp: 3386
Ion Ratio Lower Upper
64 100
66 34.2 23.5 43.7



#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: 0.538 ug/L

RT: 4.082 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

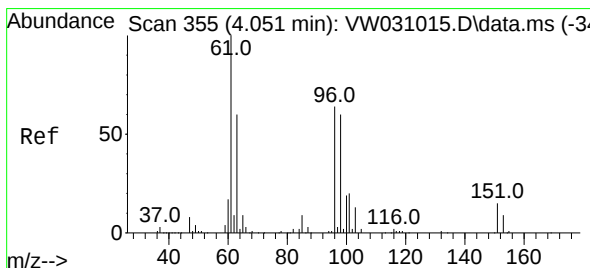
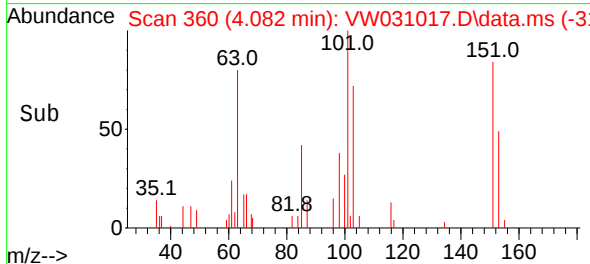
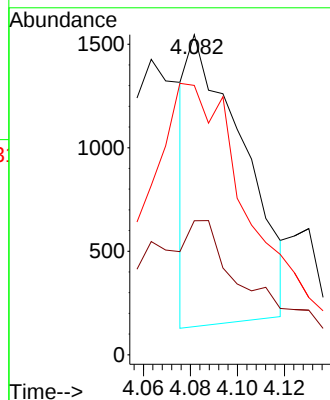
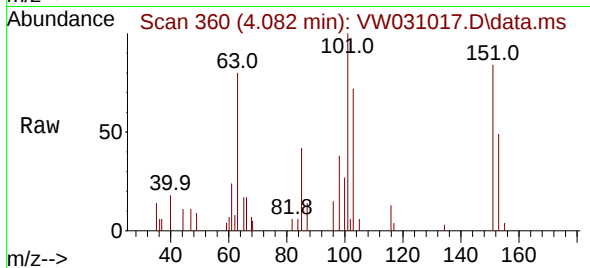
Tgt Ion:101 Resp: 2281

Ion Ratio Lower Upper

101 100

85 17.6 32.9 49.3#

151 128.1 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

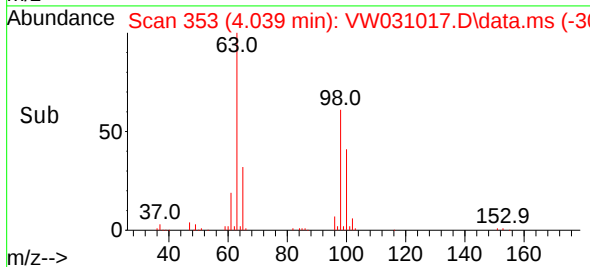
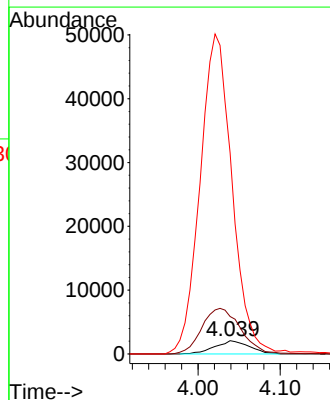
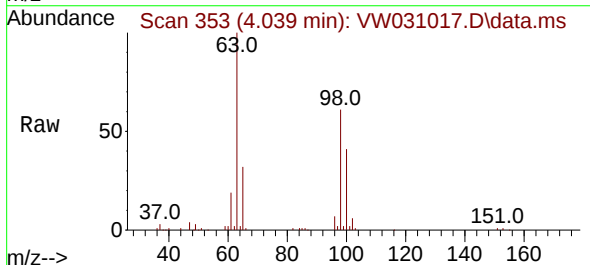
Tgt Ion: 96 Resp: 6029

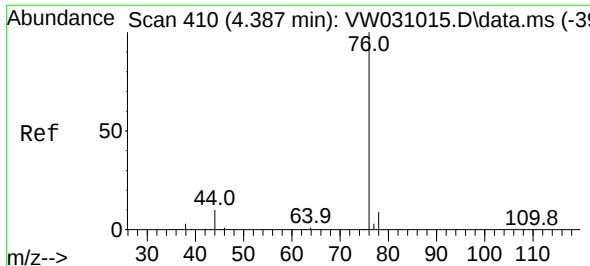
Ion Ratio Lower Upper

96 100

61 281.6 118.9 220.7#

63 1511.3 97.8 181.6#

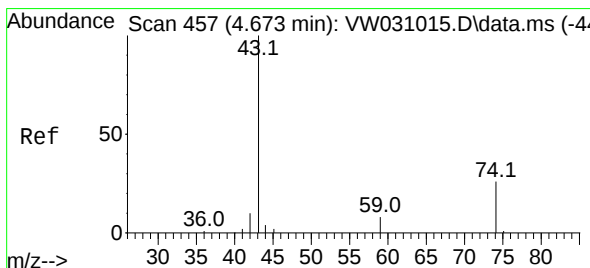
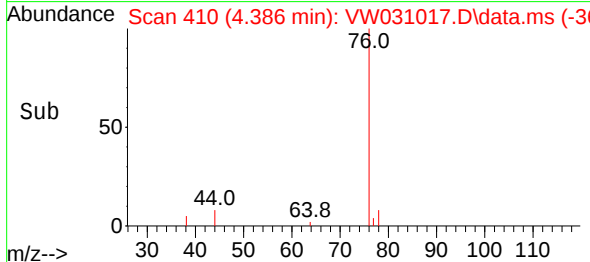
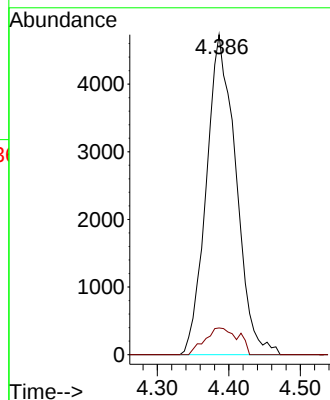
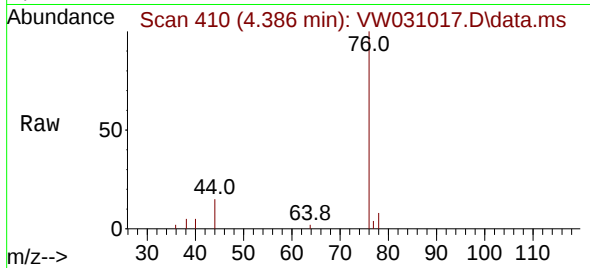




#14
Carbon disulfide
Concen: 1.077 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

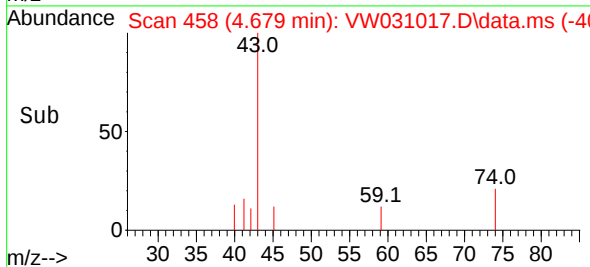
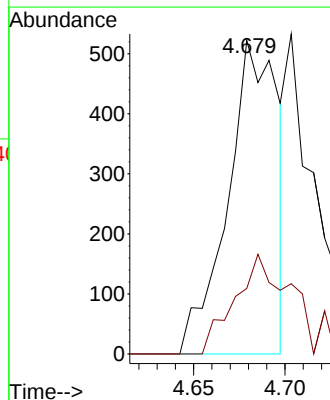
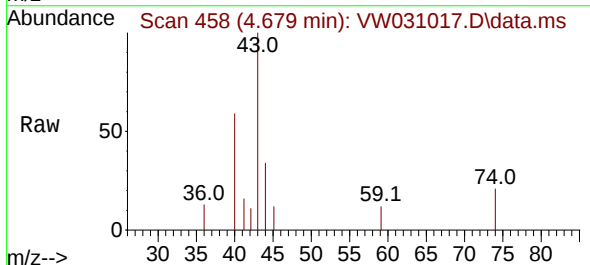
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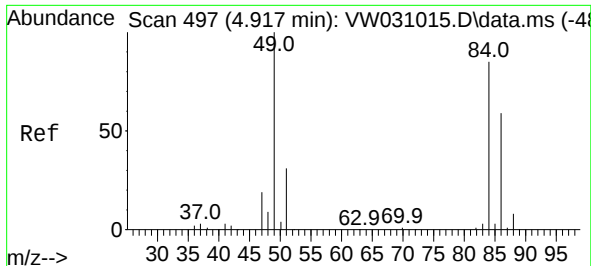
Tgt Ion: 76 Resp: 13573
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#15
Methyl Acetate
Concen: 0.695 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.006 min
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Acq: 14 Nov 2024 11:32

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
74 26.0 20.2 30.2

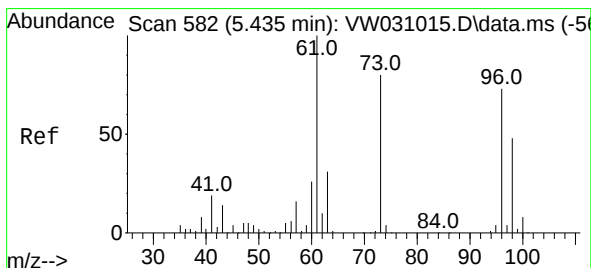
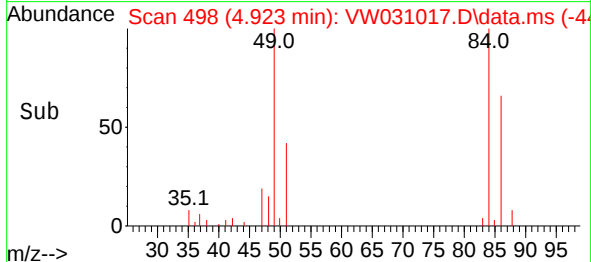
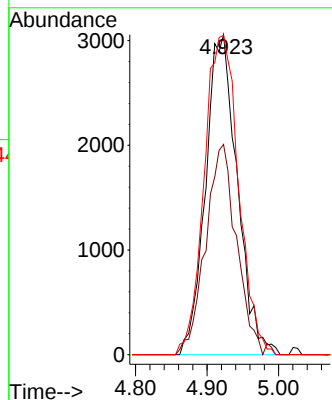
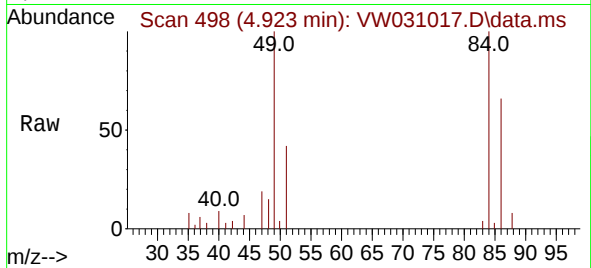




#16
Methylene chloride
Concen: 2.247 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

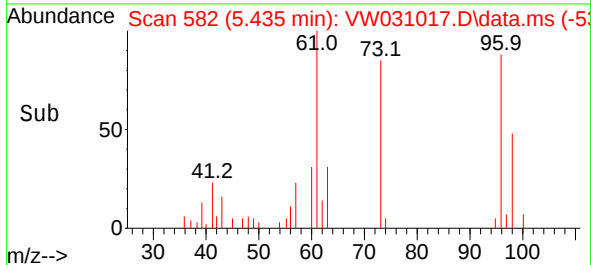
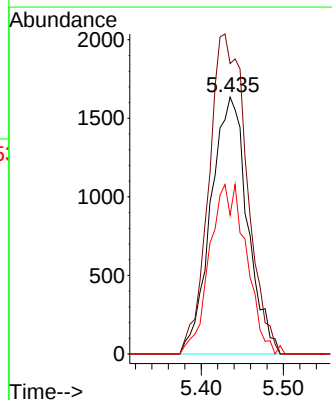
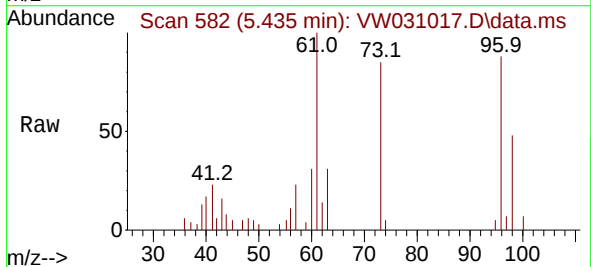
Instrument :
MSVOA_W
ClientSampleId :

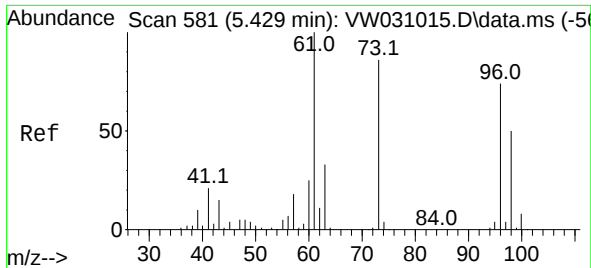
Tgt Ion: 84 Resp: 9417
Ion Ratio Lower Upper
84 100
86 65.7 41.8 77.6
49 99.8 82.8 153.8



#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

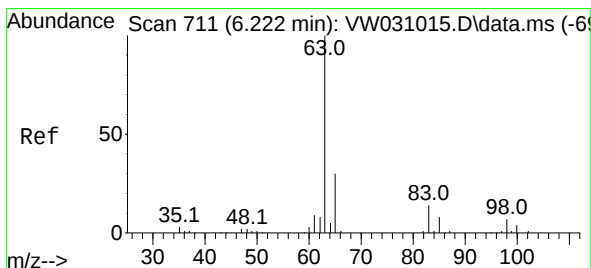
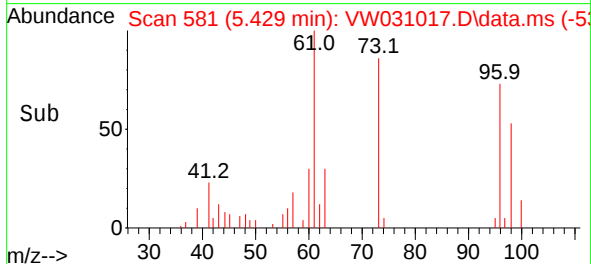
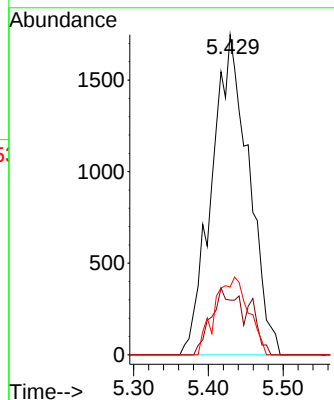
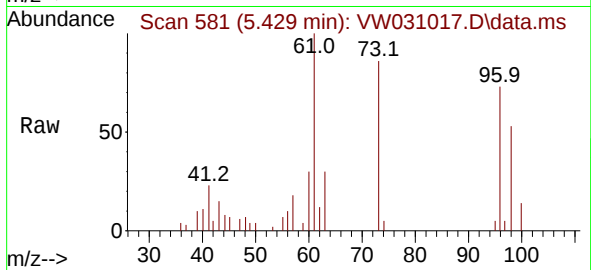




#18
Methyl tert-butyl Ether
Concen: 1.064 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

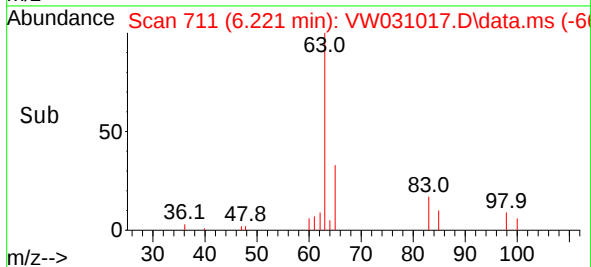
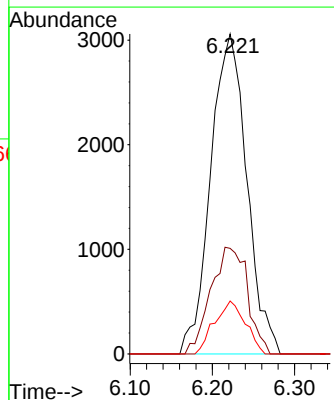
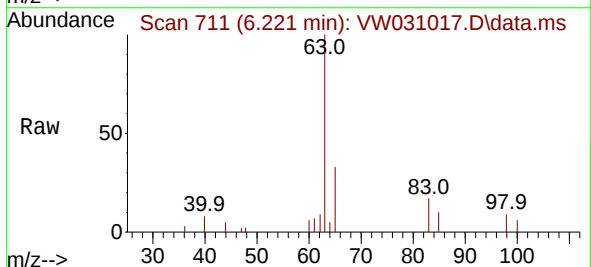
Instrument :
MSVOA_W
ClientSampleId :

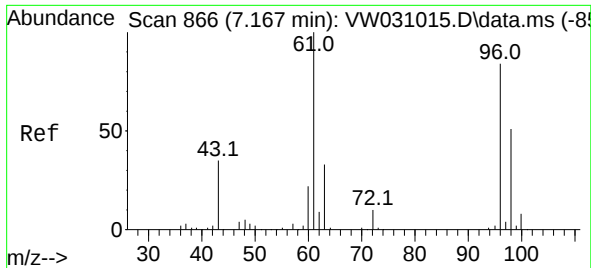
Tgt Ion: 73 Resp: 6037
Ion Ratio Lower Upper
73 100
43 10.6 16.2 24.2#
57 5.9 17.3 25.9#



#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

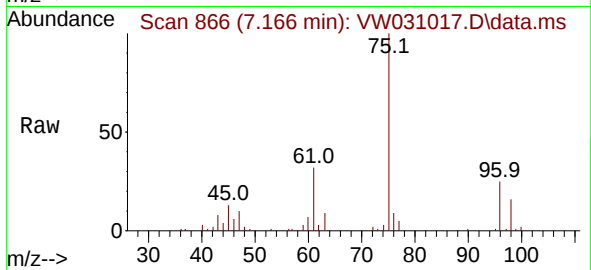
Tgt Ion: 63 Resp: 9340
Ion Ratio Lower Upper
63 100
65 33.0 23.0 42.8
83 16.5 9.8 18.2





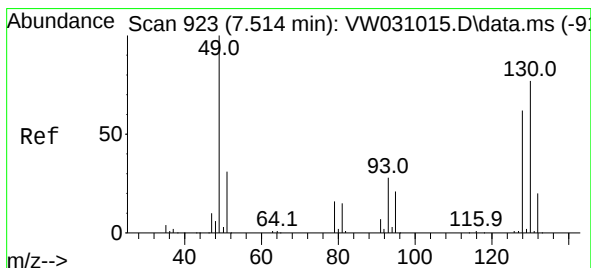
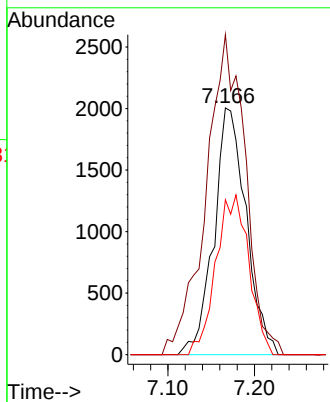
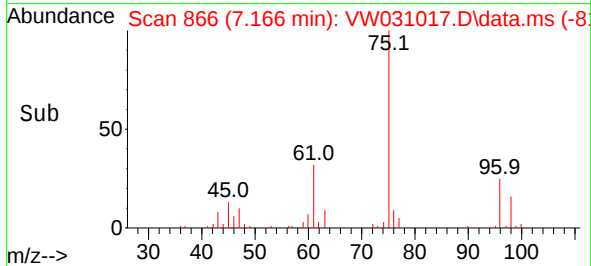
#20
cis-1,2-Dichloroethene
Concen: 1.164 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 5189

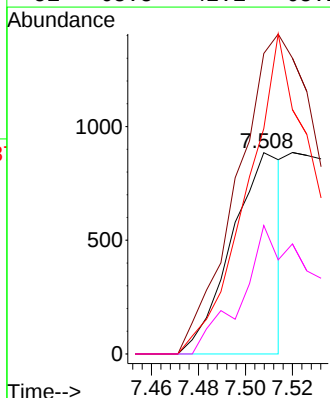
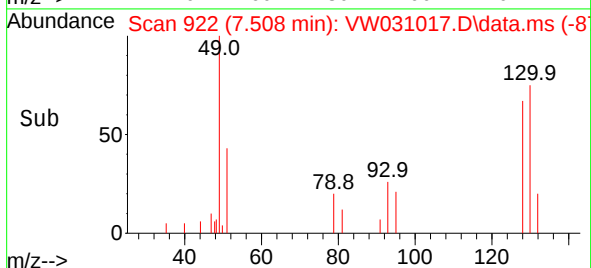
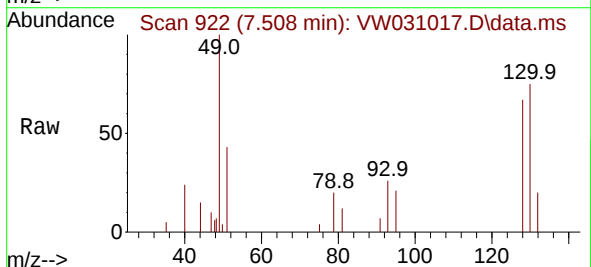
Ion	Ratio	Lower	Upper
96	100		
61	129.7	89.2	165.8
98	62.8	45.1	83.9

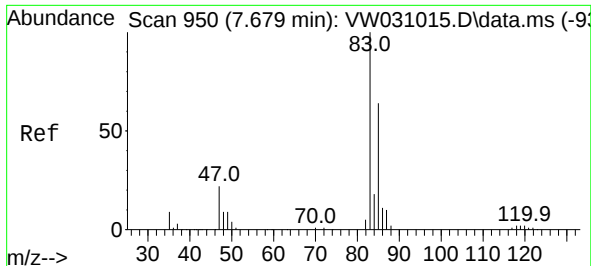


#23
Bromochloromethane
Concen: 0.671 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Tgt Ion:128 Resp: 1310

Ion	Ratio	Lower	Upper
128	100		
49	149.3	112.4	208.8
130	112.0	86.2	160.0
51	63.8	42.1	63.1





#25

Chloroform

Concen: 1.330 ug/L

RT: 7.679 min Scan# 90

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

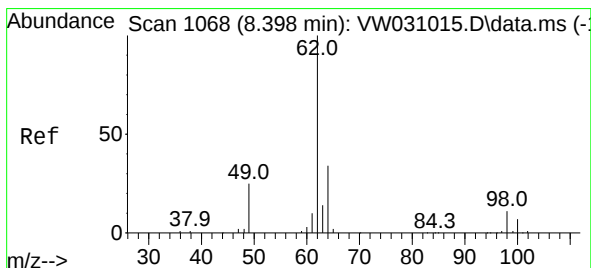
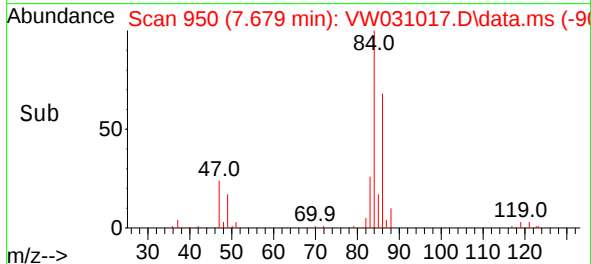
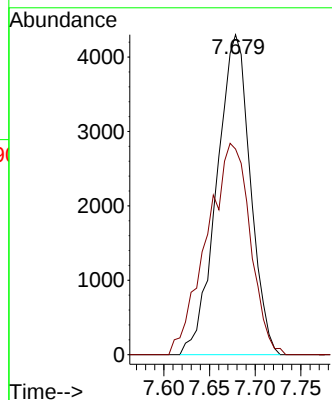
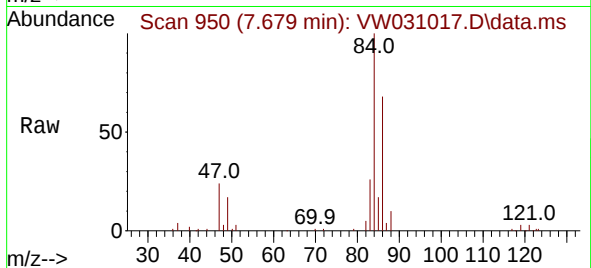
ClientSampleId :

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

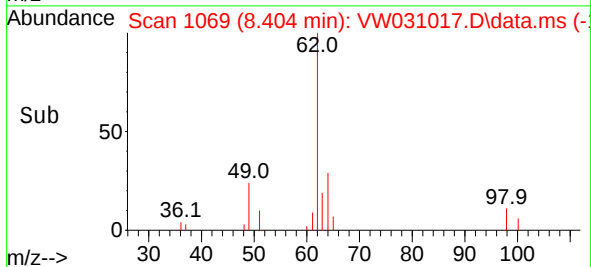
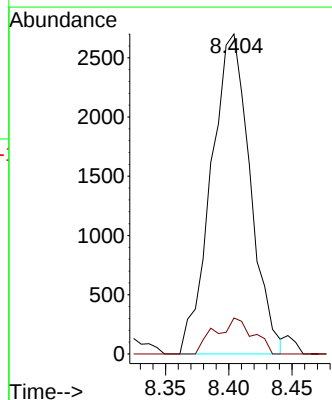
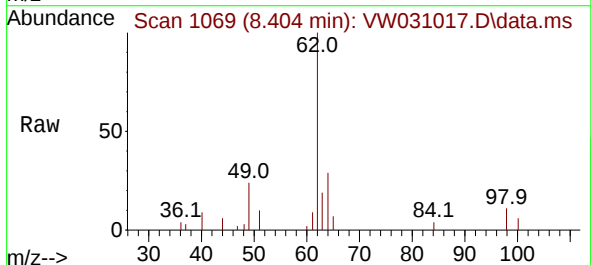
Acq: 14 Nov 2024 11:32

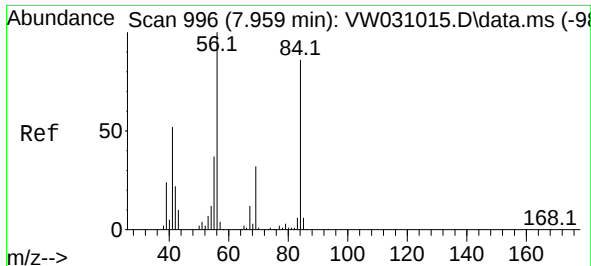
Tgt Ion: 62 Resp: 5791

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

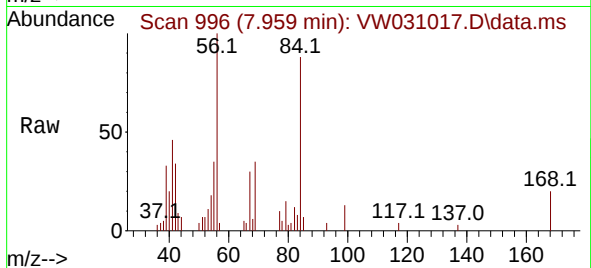
Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :



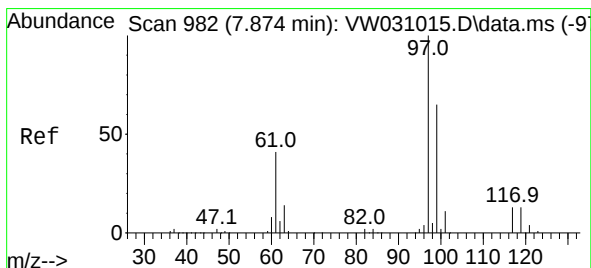
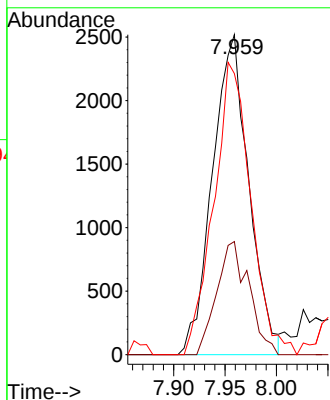
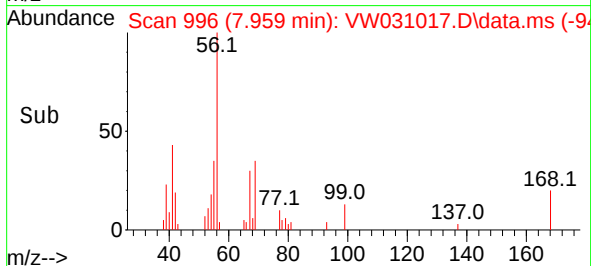
Tgt Ion: 56 Resp: 6195

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# 981

Delta R.T. -0.006 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

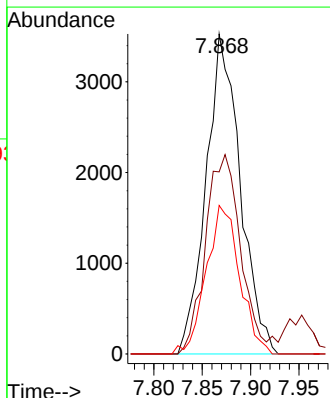
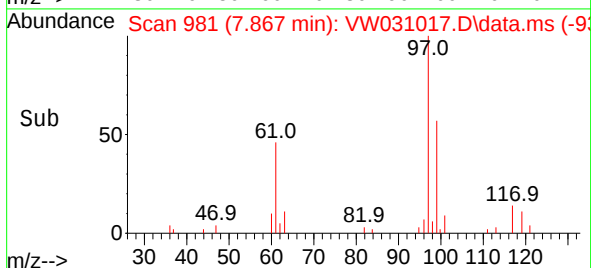
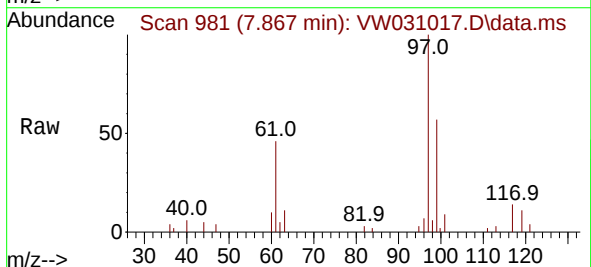
Tgt Ion: 97 Resp: 8668

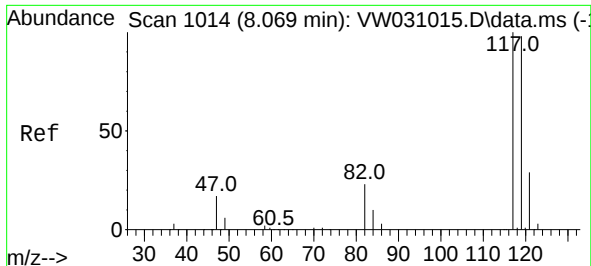
Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 45.5 36.2 54.4

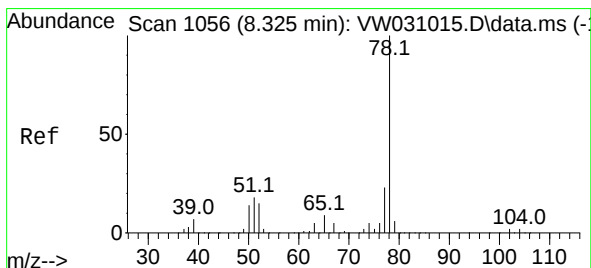
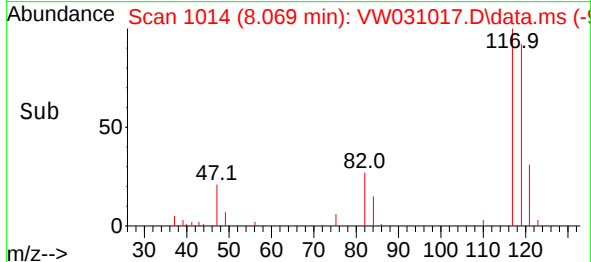
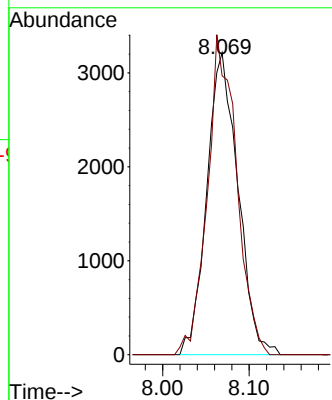
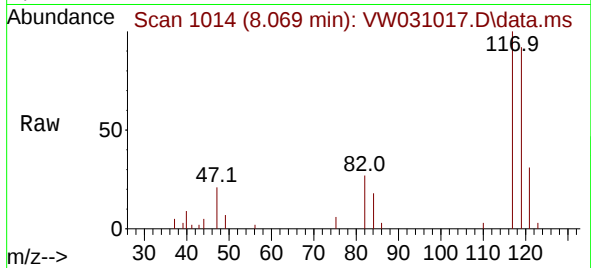




#31
Carbon tetrachloride
Concen: 1.215 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

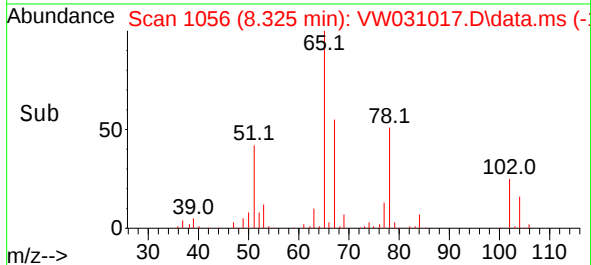
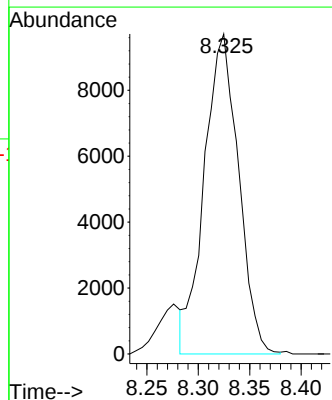
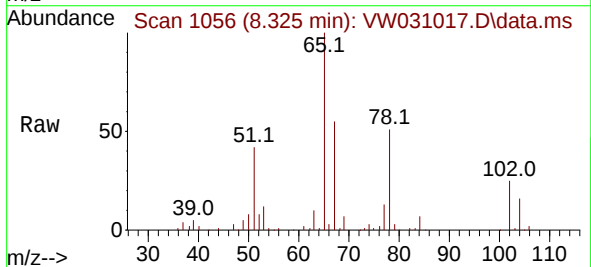
Instrument :
MSVOA_W
ClientSampleId :

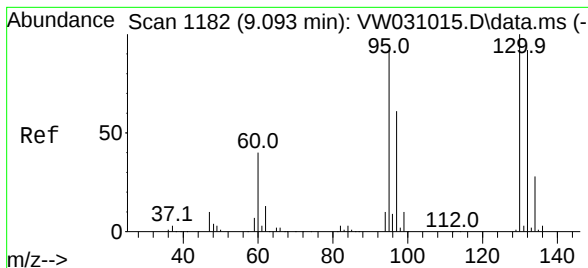
Tgt Ion:117 Resp: 8038
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.2



#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

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

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 6177

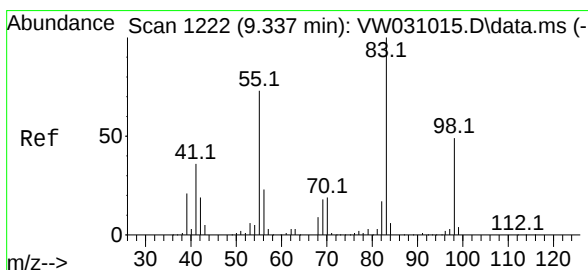
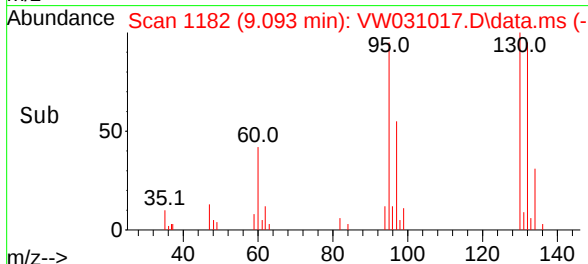
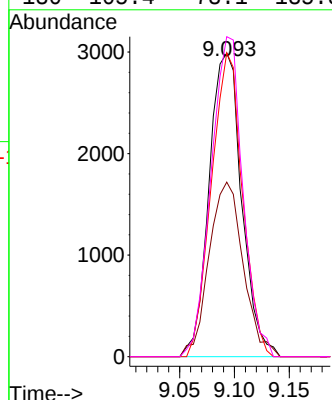
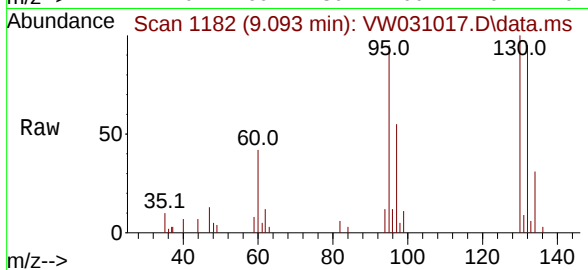
Ion Ratio Lower Upper

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

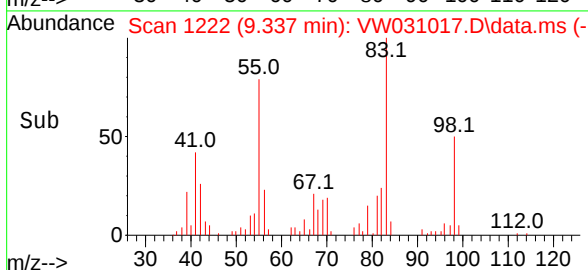
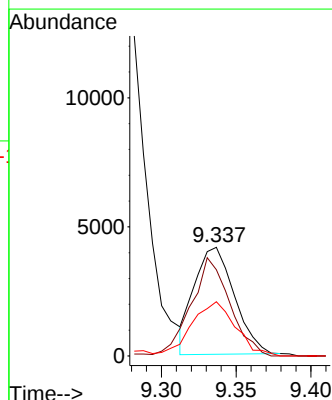
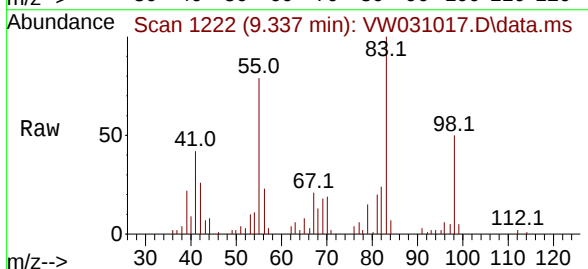
Tgt Ion: 83 Resp: 7710

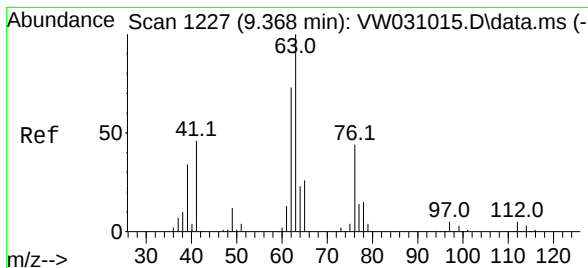
Ion Ratio Lower Upper

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

Instrument :

MSVOA_W

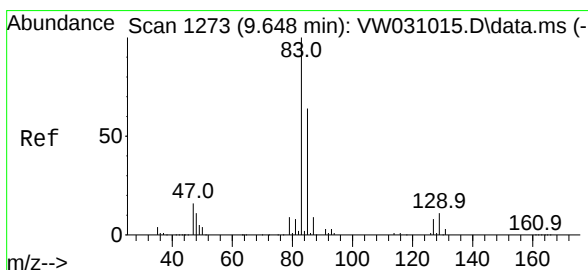
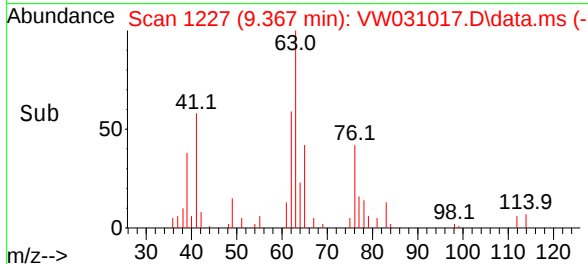
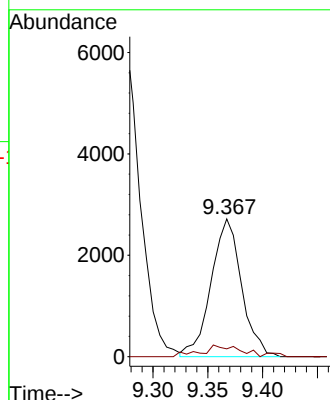
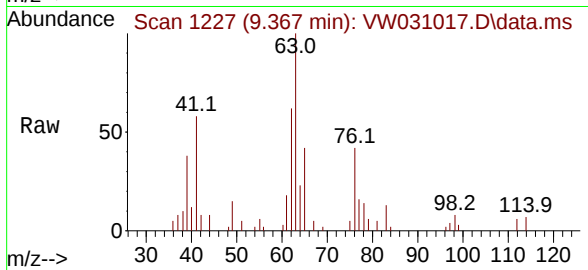
ClientSampleId :

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# 1272

Delta R.T. -0.006 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

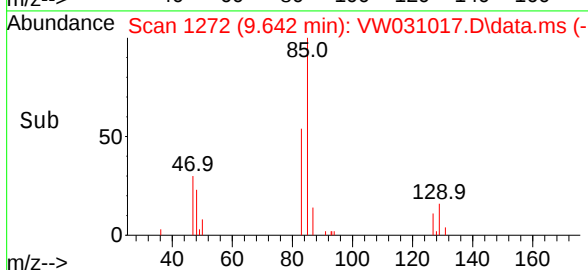
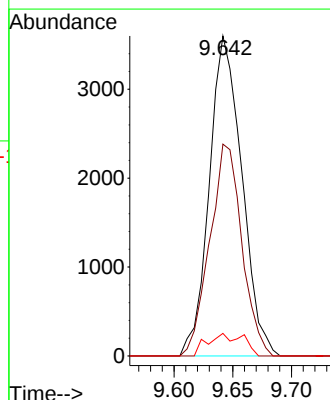
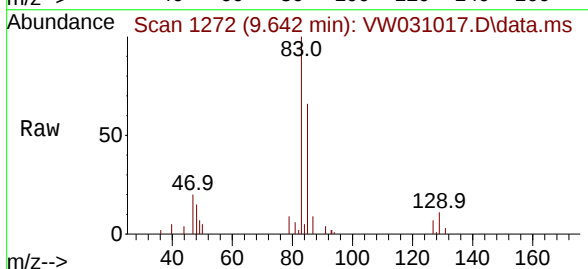
Tgt Ion: 83 Resp: 6938

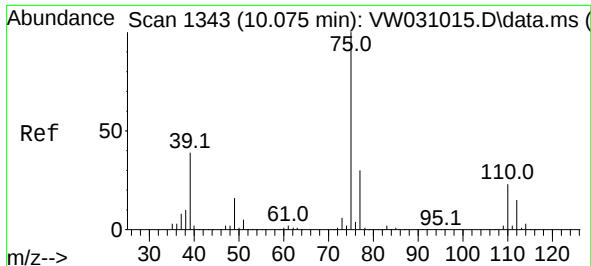
Ion Ratio Lower Upper

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

Instrument :

MSVOA_W

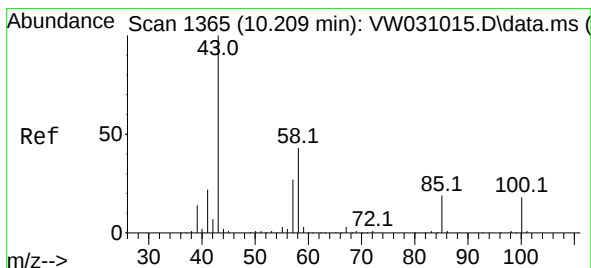
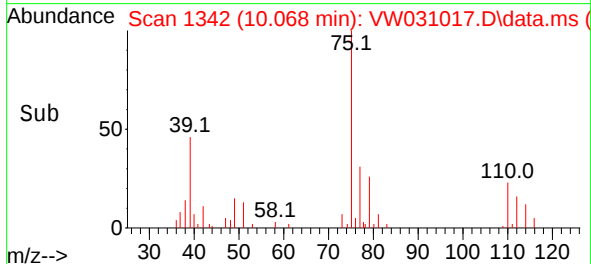
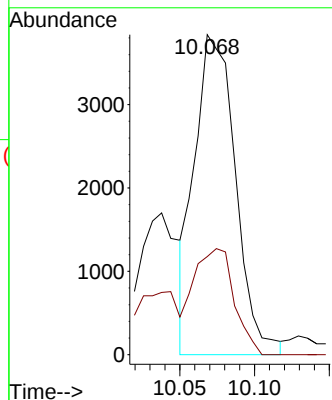
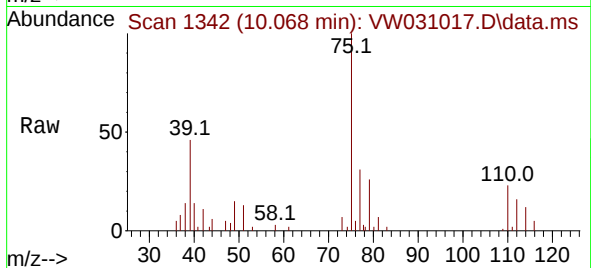
ClientSampleId :

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

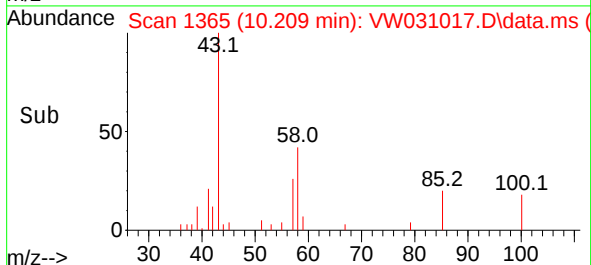
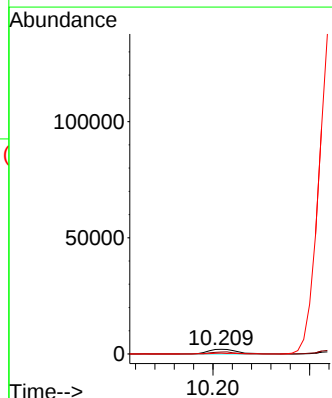
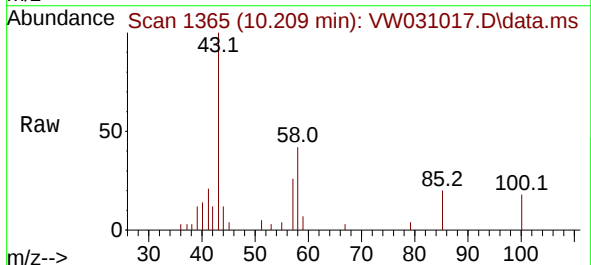
Tgt Ion: 43 Resp: 4292

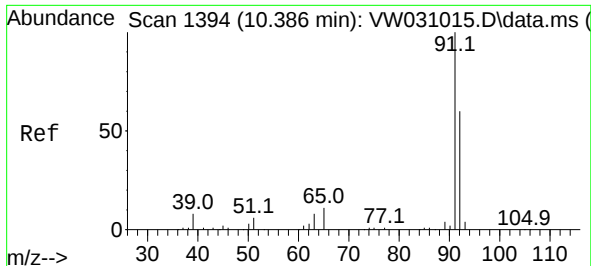
Ion Ratio Lower Upper

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

Instrument :

MSVOA_W

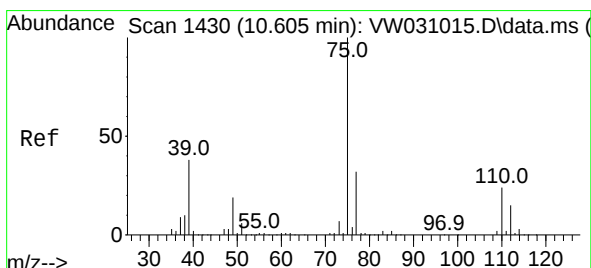
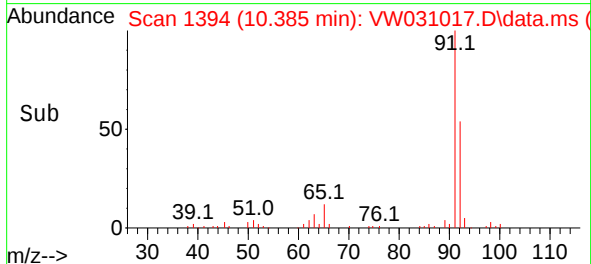
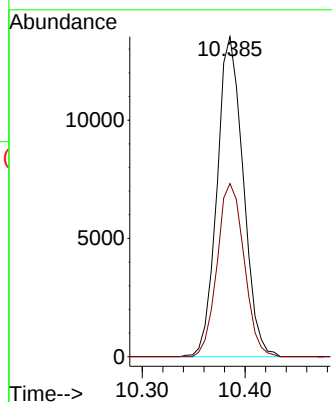
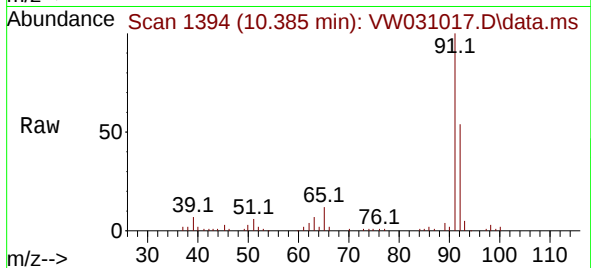
ClientSampleId :

Tgt Ion: 91 Resp: 23915

Ion Ratio Lower Upper

91 100

92 54.1 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 1.390 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031017.D

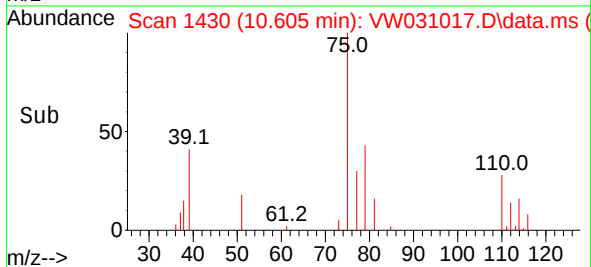
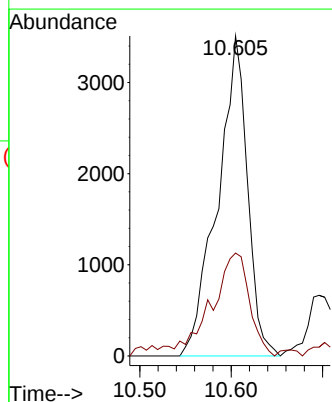
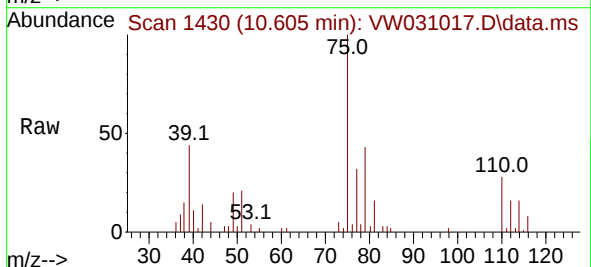
Acq: 14 Nov 2024 11:32

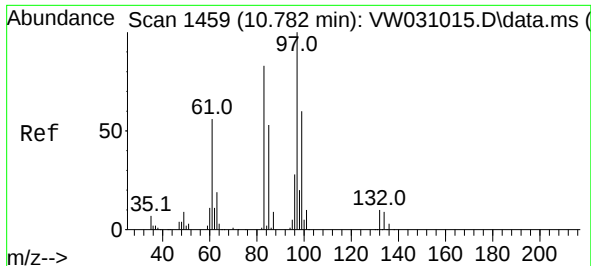
Tgt Ion: 75 Resp: 7974

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# 1459

Delta R.T. 0.006 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 4168

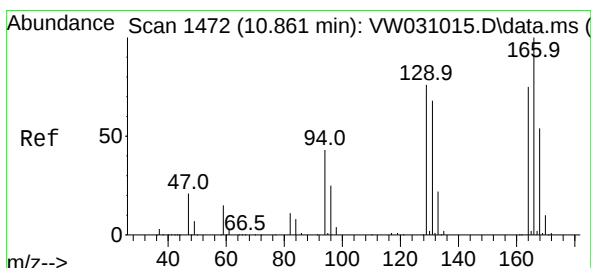
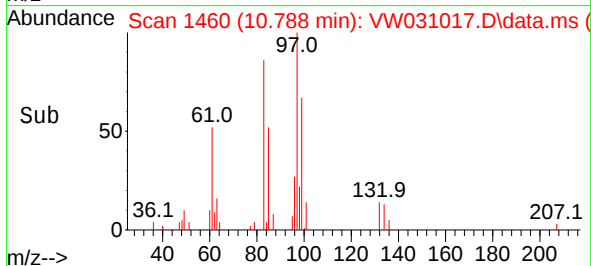
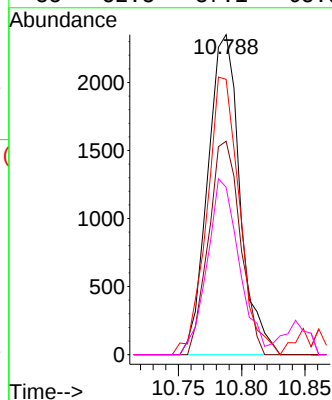
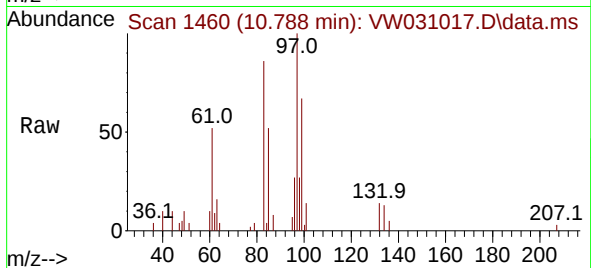
Ion Ratio Lower Upper

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

Tgt Ion:164 Resp: 5454

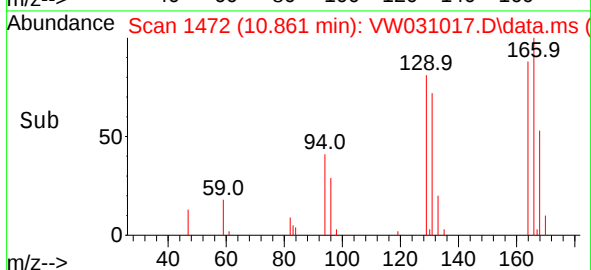
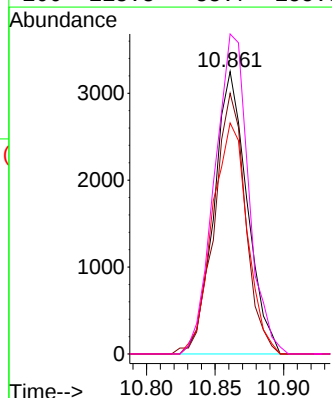
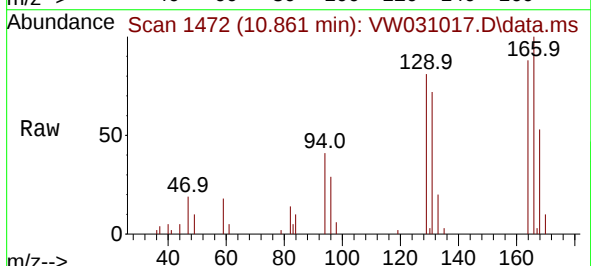
Ion Ratio Lower Upper

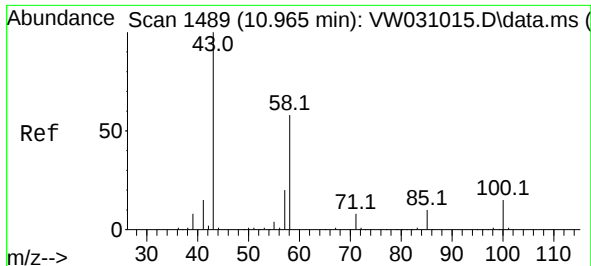
164 100

129 92.3 71.1 132.1

131 81.8 62.6 116.3

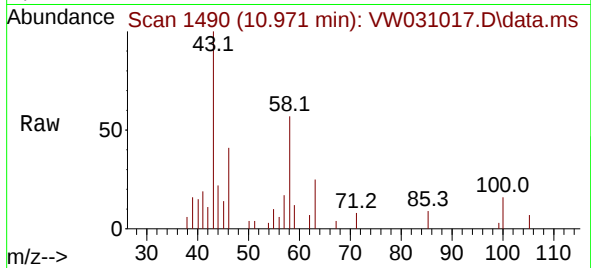
166 113.3 83.7 155.5



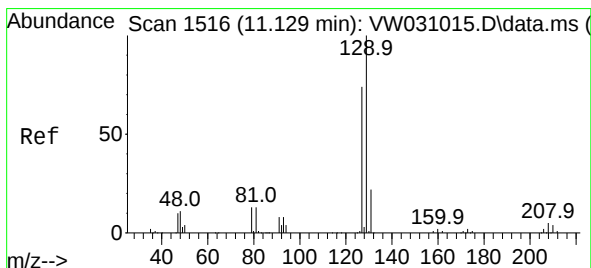
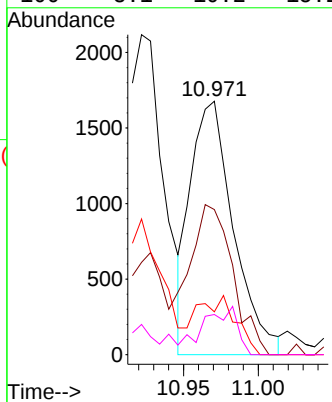
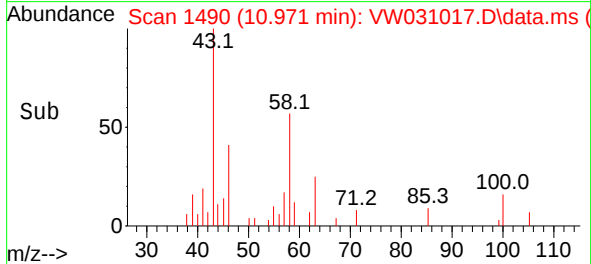


#48
2-Hexanone
Concen: 2.091 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Instrument :
MSVOA_W
ClientSampleId :

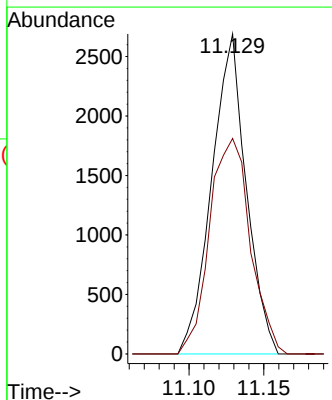
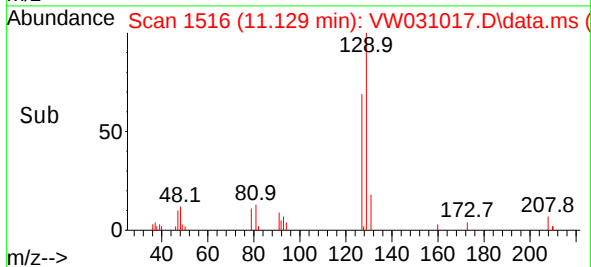
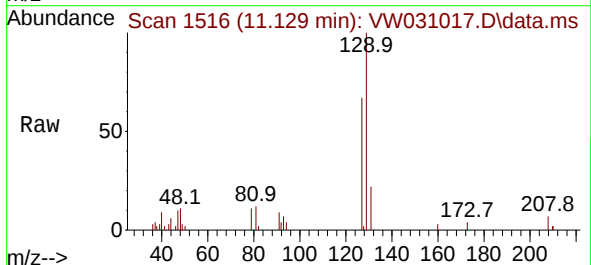


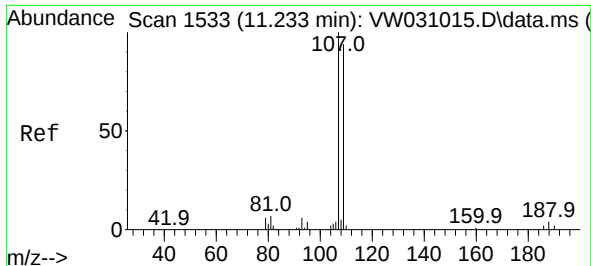
Tgt Ion: 43 Resp: 3359
Ion Ratio Lower Upper
43 100
58 60.9 43.8 65.8
57 12.3 15.4 23.2#
100 8.1 10.2 15.2#



#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

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

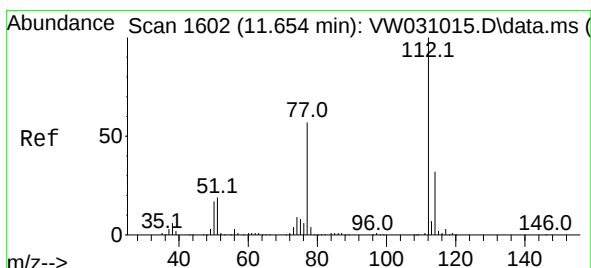
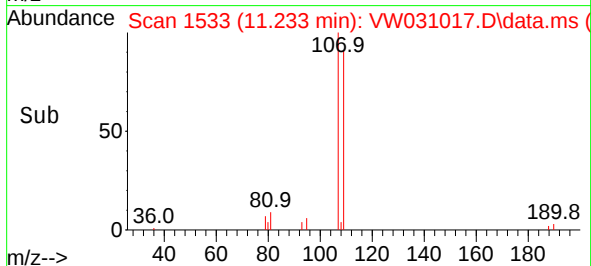
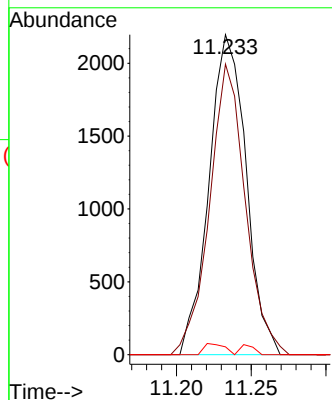
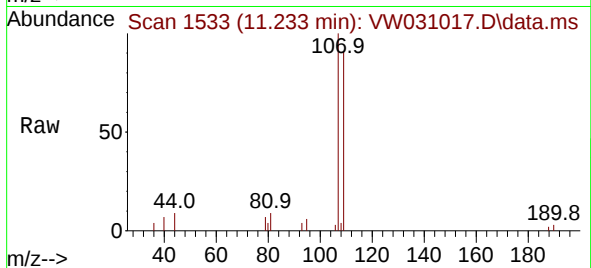
Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

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

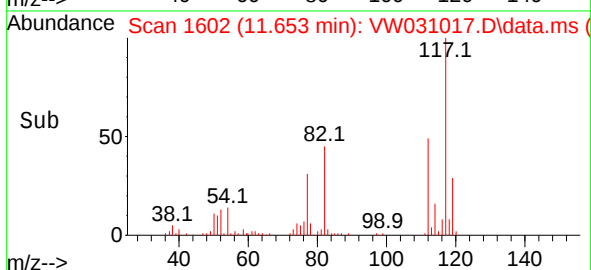
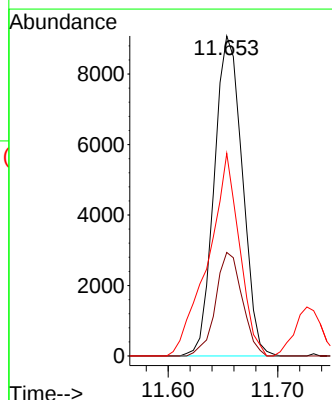
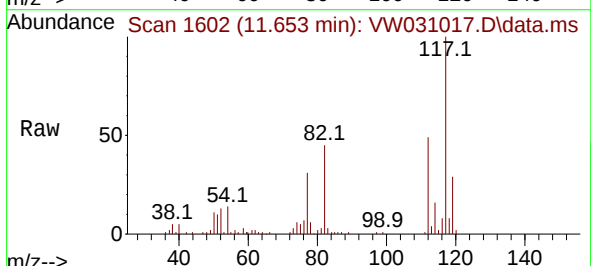
RT: 11.653 min Scan# 1602

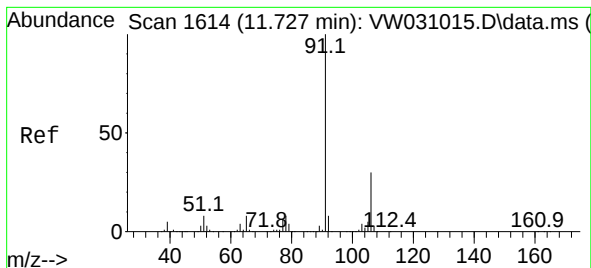
Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

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# 1

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

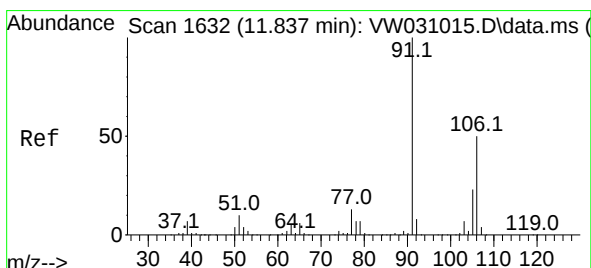
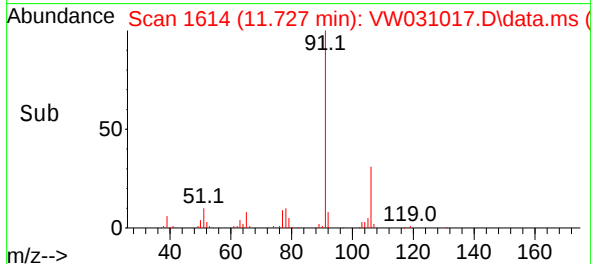
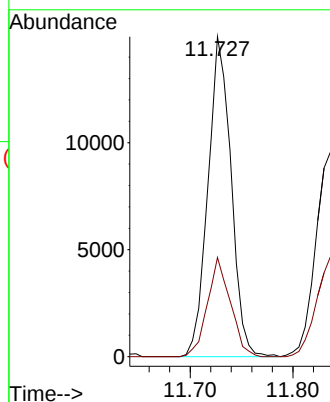
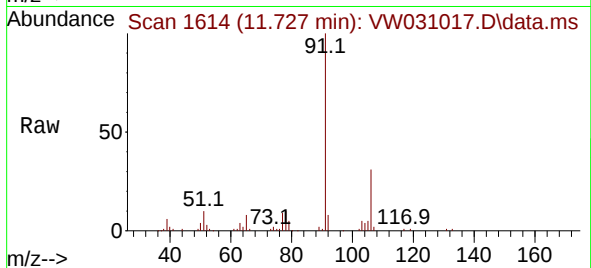
ClientSampleId :

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# 1632

Delta R.T. -0.000 min

Lab File: VW031017.D

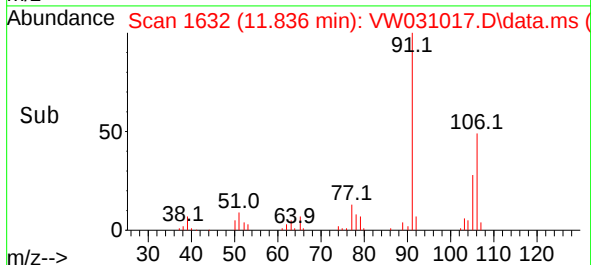
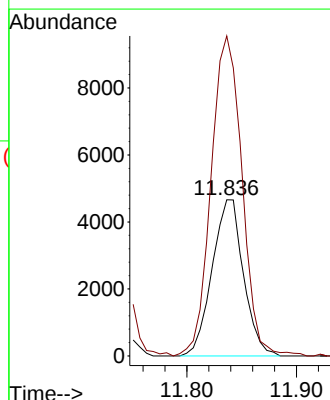
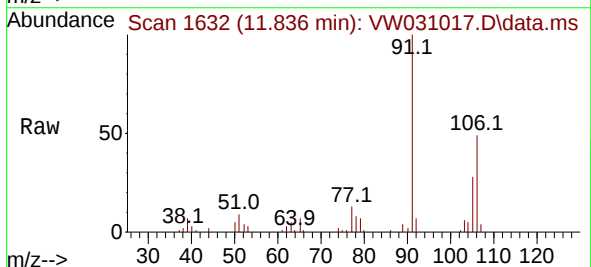
Acq: 14 Nov 2024 11:32

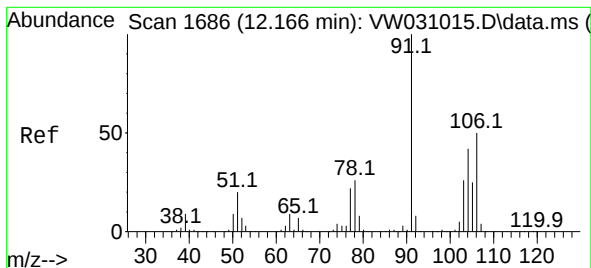
Tgt Ion:106 Resp: 9273

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# 1

Delta R.T. -0.006 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

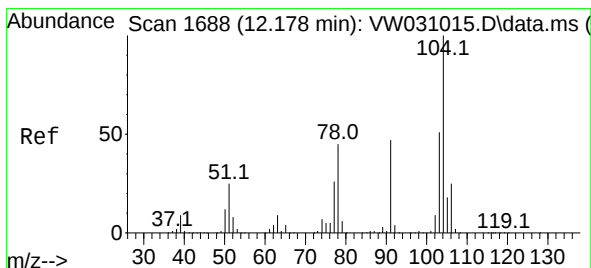
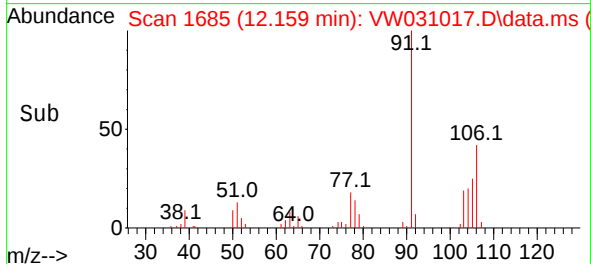
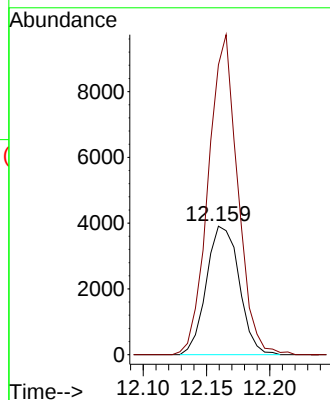
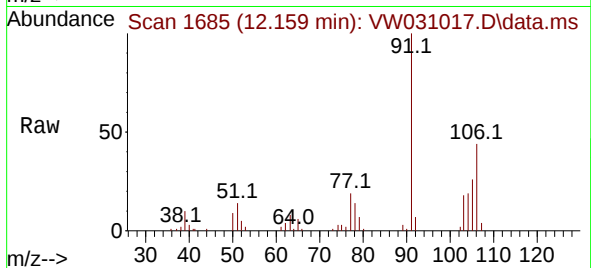
ClientSampleId :

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

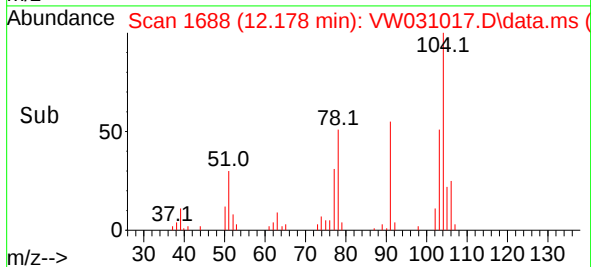
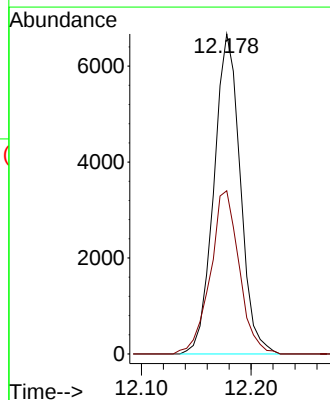
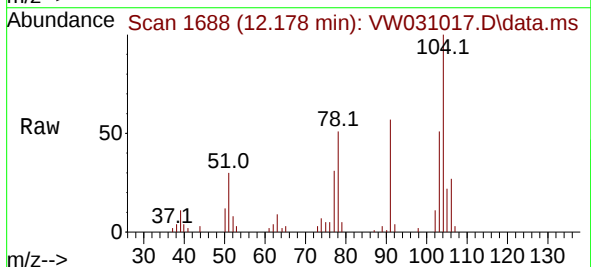
Acq: 14 Nov 2024 11:32

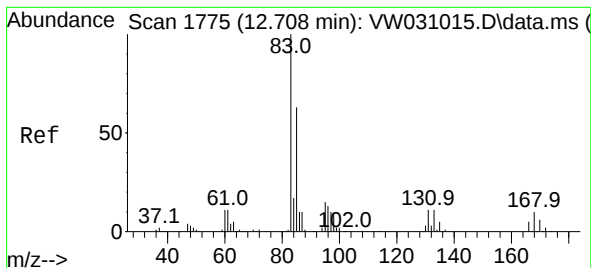
Tgt Ion:104 Resp: 11147

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

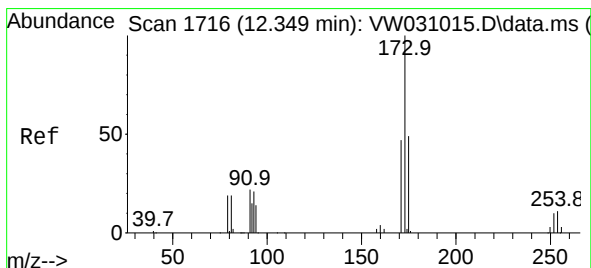
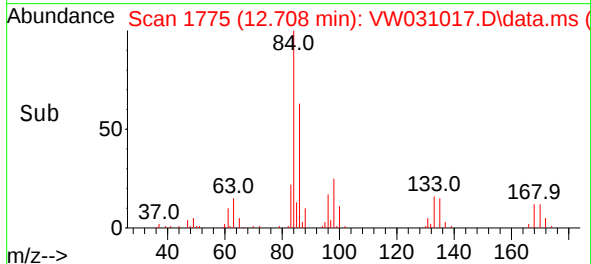
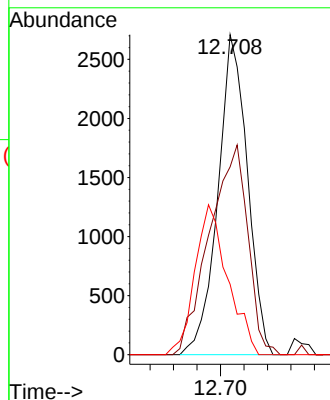
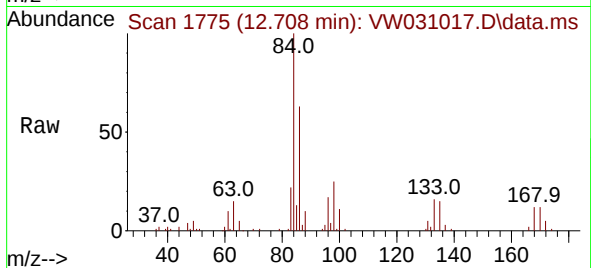
Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

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

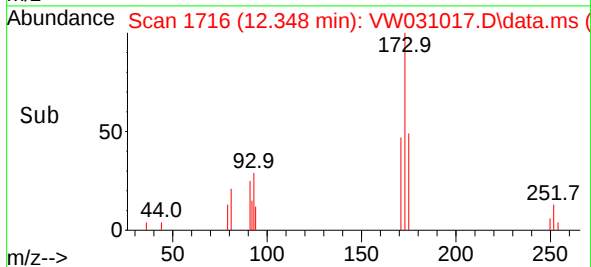
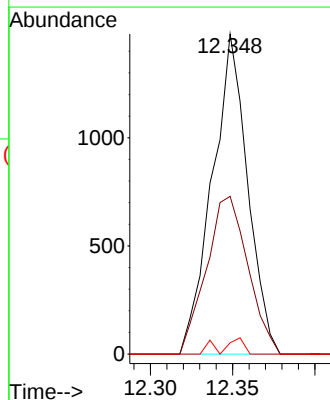
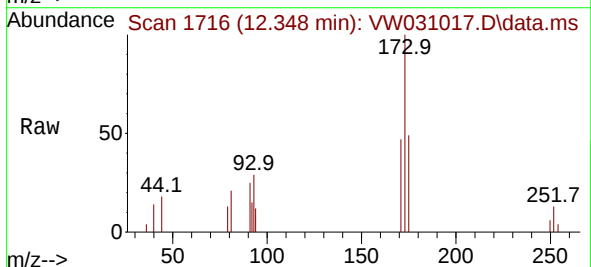
RT: 12.348 min Scan# 1716

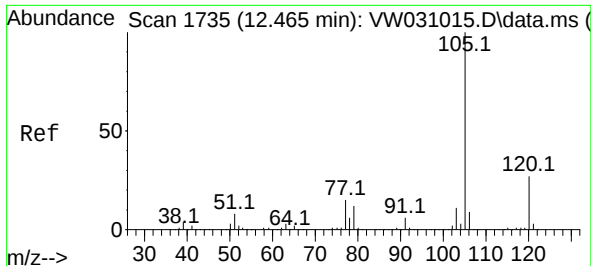
Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

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

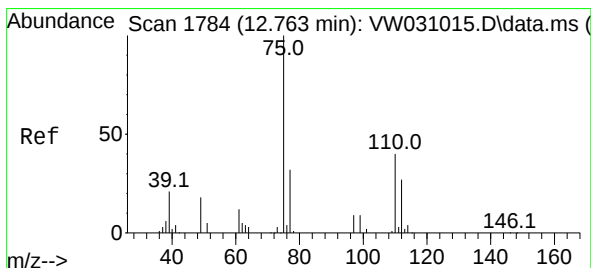
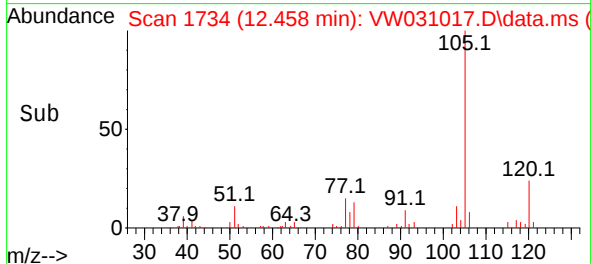
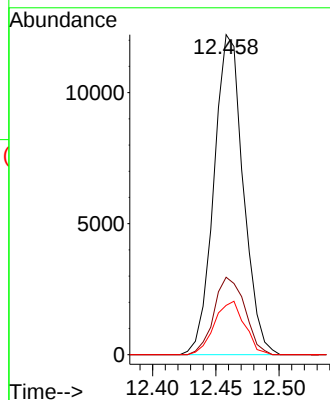
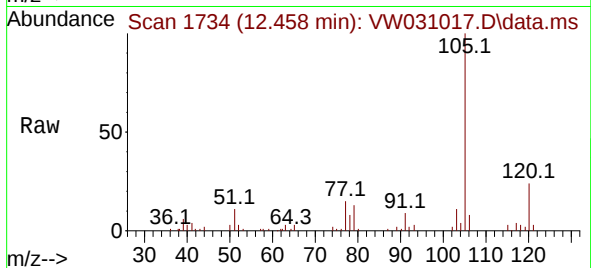
Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :

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

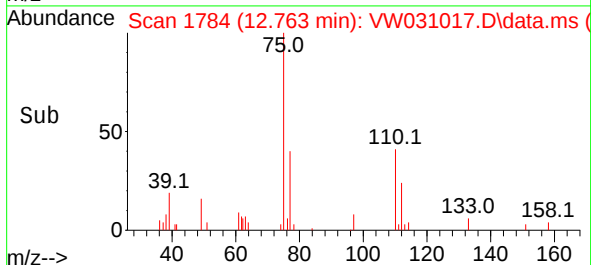
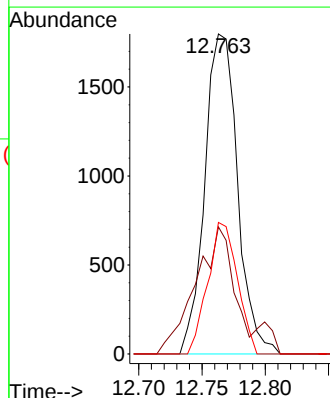
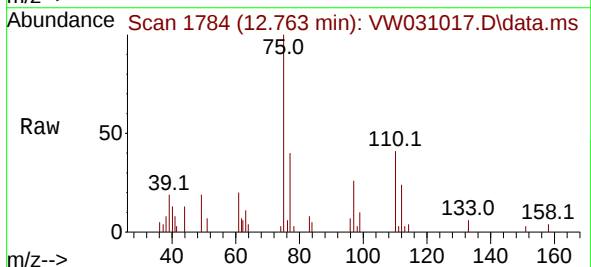
RT: 12.763 min Scan# 1784

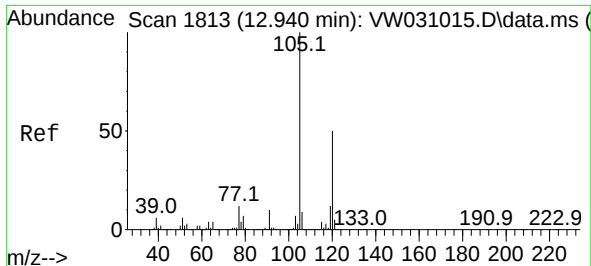
Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

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

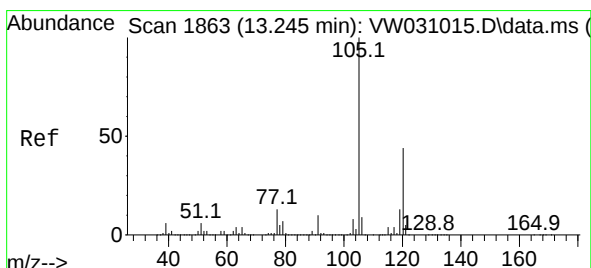
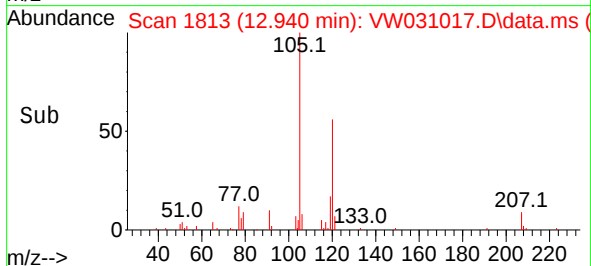
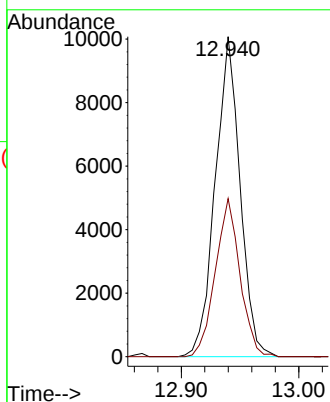
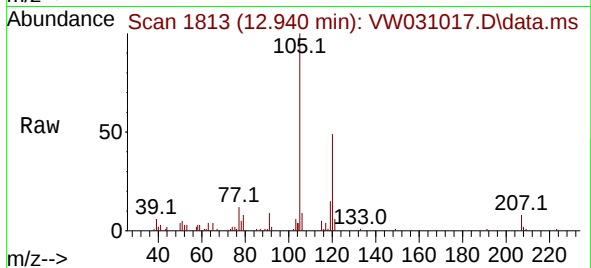




#62
1,3,5-Trimethylbenzene
Concen: 0.948 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

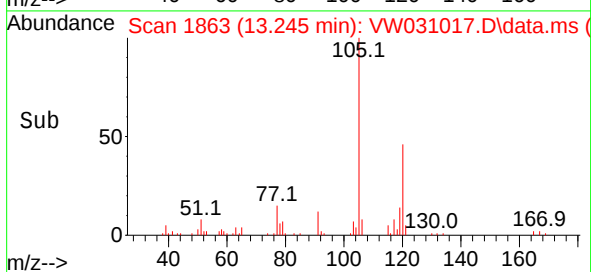
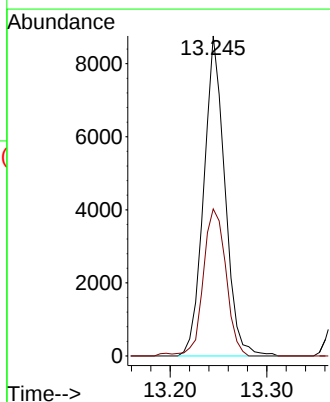
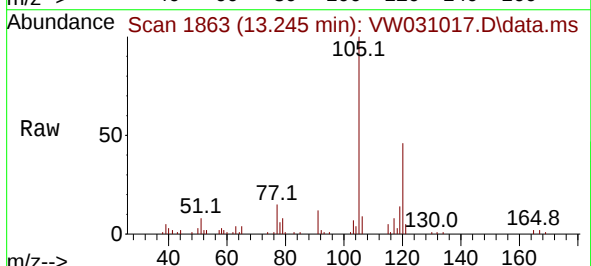
Instrument :
MSVOA_W
ClientSampleId :

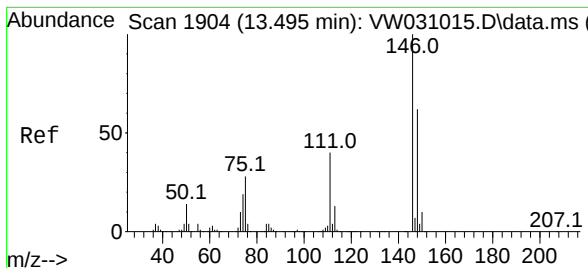
Tgt Ion:105 Resp: 14794
Ion Ratio Lower Upper
105 100
120 49.0 38.7 58.1



#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

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

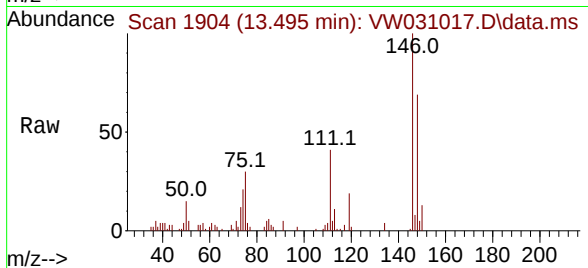
Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :



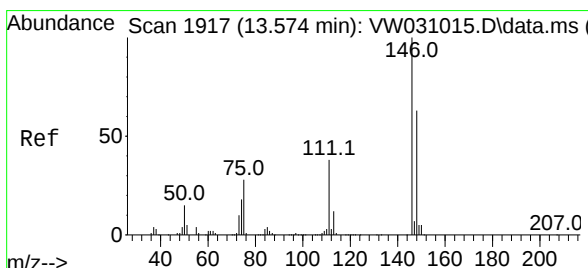
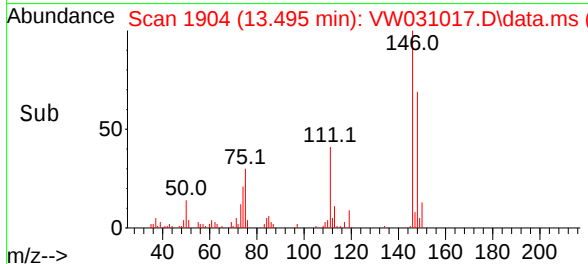
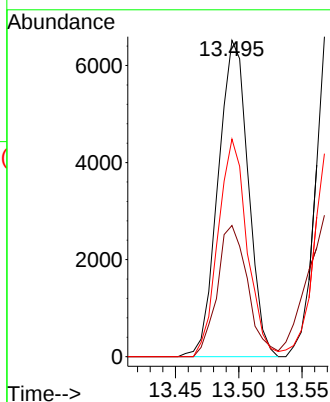
Tgt Ion:146 Resp: 10796

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

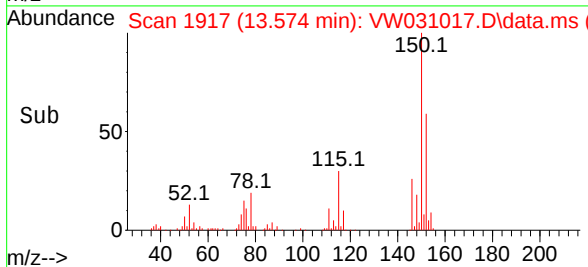
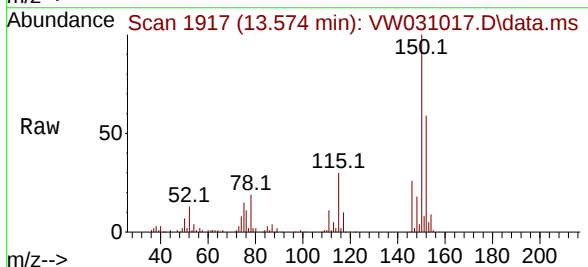
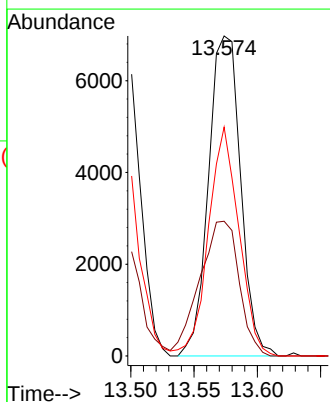
Tgt Ion:146 Resp: 12305

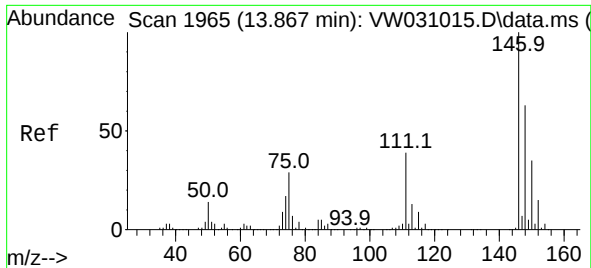
Ion Ratio Lower Upper

146 100

111 42.1 27.6 51.4

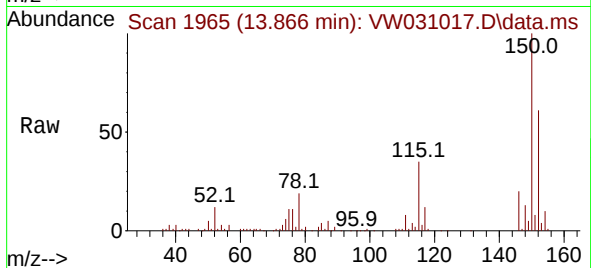
148 71.5 41.6 77.2



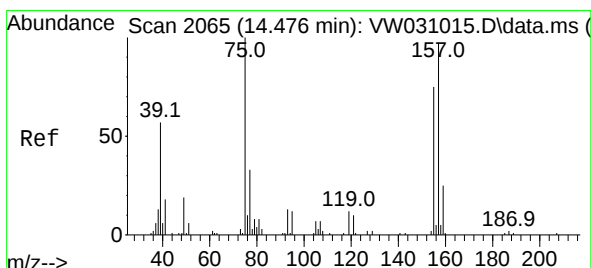
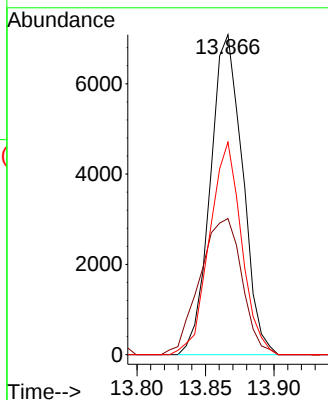
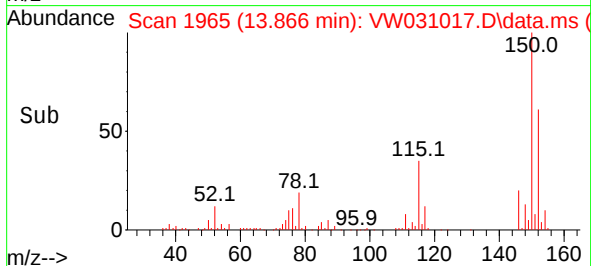


#67
1,2-Dichlorobenzene
Concen: 1.494 ug/L
RT: 13.866 min Scan# 11588
Delta R.T. -0.000 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Instrument :
MSVOA_W
ClientSampleId :

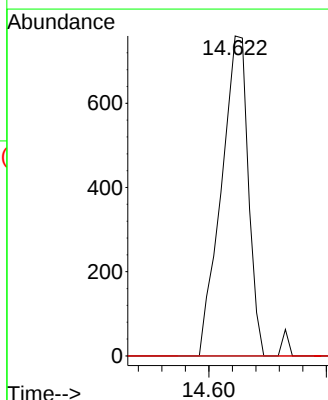
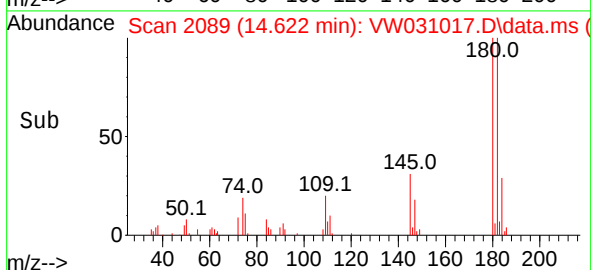
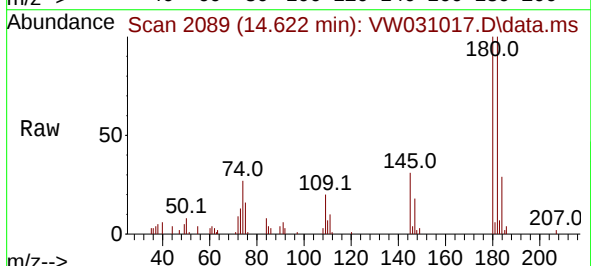


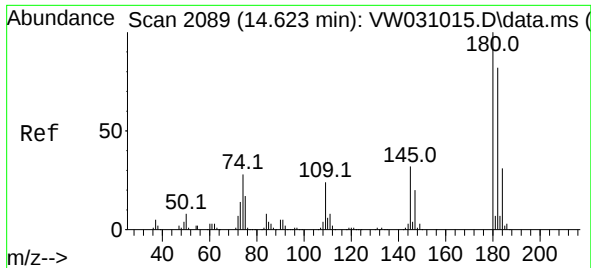
Tgt Ion:146 Resp: 11588
Ion Ratio Lower Upper
146 100
111 42.5 34.3 51.5
148 66.4 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.343 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. 0.146 min
Lab File: VW031017.D
Acq: 14 Nov 2024 11:32

Tgt Ion: 75 Resp: 1209
Ion Ratio Lower Upper
75 100
155 0.0 56.2 84.2#
157 0.0 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

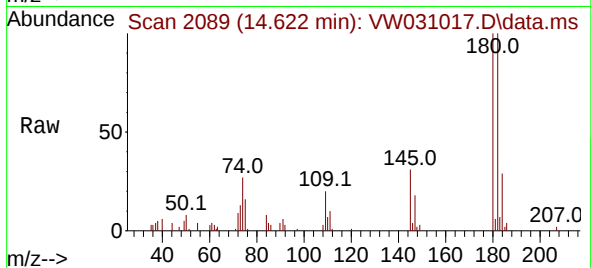
Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 7373

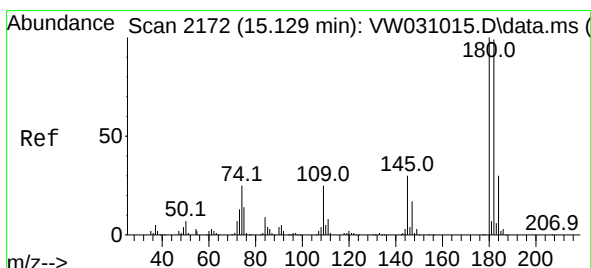
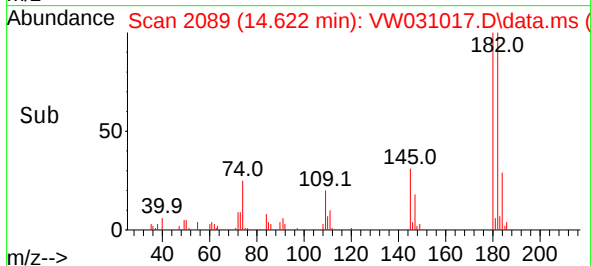
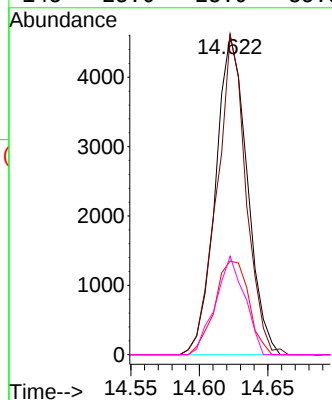
Ion Ratio Lower Upper

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

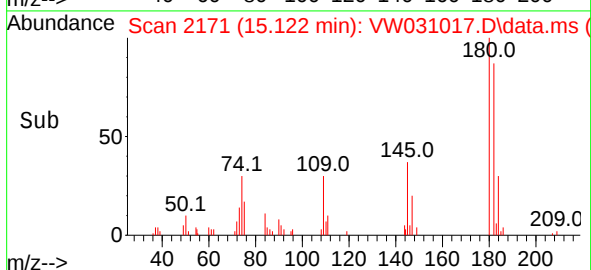
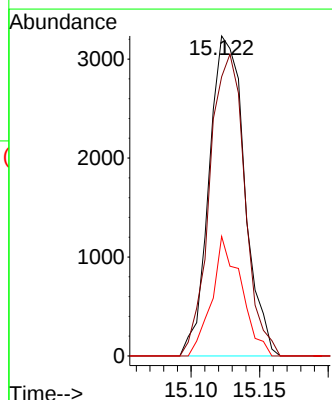
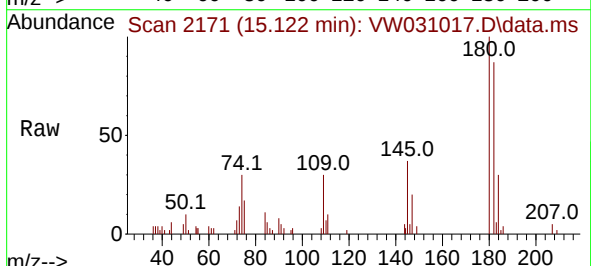
Tgt Ion:180 Resp: 5813

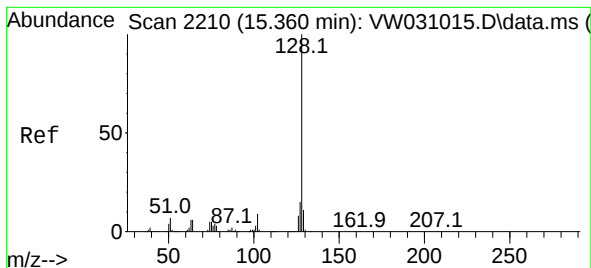
Ion Ratio Lower Upper

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

Instrument :

MSVOA_W

ClientSampleId :

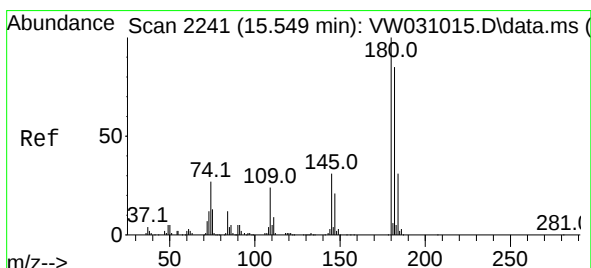
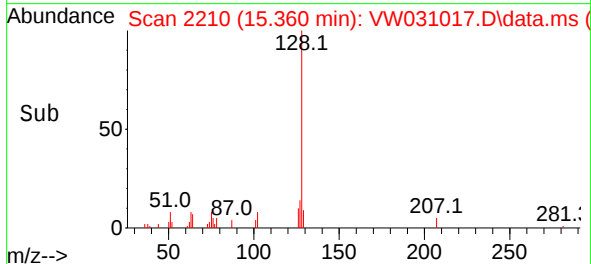
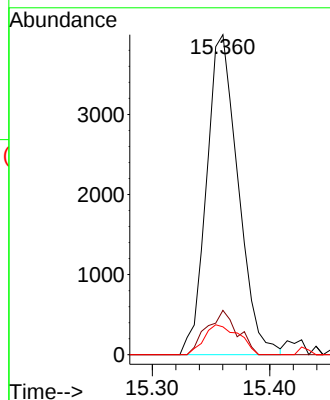
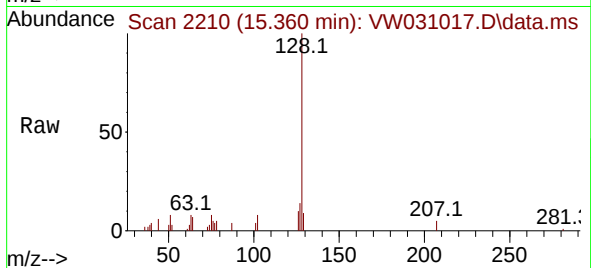
Tgt Ion:128 Resp: 7460

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# 2241

Delta R.T. -0.000 min

Lab File: VW031017.D

Acq: 14 Nov 2024 11:32

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

