

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111424\
 Data File : VW031015.D
 Acq On : 14 Nov 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 04:00:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 14 00:30:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	401472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	357359	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	182611	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	120079	18.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.960%
7) Chloroethane-d5	2.899	69	103793	20.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	4.027	65	58324	21.467	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.880%
21) 2-Butanone-d5	7.075	46	50656	46.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.500%
24) Chloroform-d	7.648	84	310872	26.266	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.080%
26) 1,2-Dichloroethane-d4	8.307	65	140965	23.955	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	8.276	84	591569	26.646	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	9.270	67	175697	26.846	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.400%
41) Toluene-d8	10.325	98	543112	27.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.080%
43) trans-1,3-Dichloroprop...	10.575	79	63698	24.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.040%
47) 2-Hexanone-d5	10.922	63	41784	49.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	117978	25.874	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.480%
66) 1,2-Dichlorobenzene-d4	13.855	152	165757	24.919	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	96865	22.651	ug/L	98
3) Chloromethane	2.223	50	104698	18.169	ug/L	96
5) Vinyl chloride	2.375	62	140126	20.519	ug/L	96
6) Bromomethane	2.789	94	90553	20.195	ug/L	98
8) Chloroethane	2.936	64	85428	20.635	ug/L	100
9) Trichlorofluoromethane	3.271	101	155054	24.879	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	146302	25.499	ug/L	91
12) 1,1-Dichloroethene	4.051	96	131377	25.317	ug/L #	79
13) Acetone	4.125	43	60546	45.749	ug/L	95
14) Carbon disulfide	4.387	76	380813	22.323	ug/L	99
15) Methyl Acetate	4.673	43	41030	21.136	ug/L	99
16) Methylene chloride	4.917	84	138892	24.471	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	141173	24.798	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	176611	22.985	ug/L	98
19) 1,1-Dichloroethane	6.222	63	262770	24.735	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	152061	25.178	ug/L	94
22) 2-Butanone	7.167	43	63945	43.146	ug/L	99
23) Bromochloromethane	7.514	128	66727	25.229	ug/L	99
25) Chloroform	7.679	83	281342	25.170	ug/L	96

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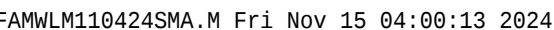
Instrument :
 MSVOA_W
 ClientSampleId :

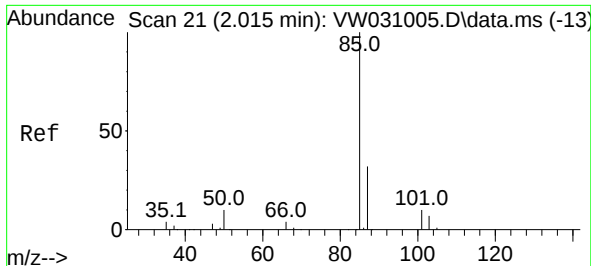
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	156440	22.473	ug/L	96
29) Cyclohexane	7.959	56	215327	25.144	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	239341	26.073	ug/L	98
31) Carbon tetrachloride	8.069	117	217188	26.330	ug/L	99
33) Benzene	8.325	78	610277	26.495	ug/L	100
34) Trichloroethene	9.093	95	157223	24.753	ug/L	96
35) Methylcyclohexane	9.337	83	264405	26.265	ug/L	96
37) 1,2-Dichloropropane	9.368	63	150974	26.227	ug/L	99
38) Bromodichloromethane	9.648	83	193777	25.633	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	218713	25.398	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	109912	41.751	ug/L	95
42) Toluene	10.386	91	663231	27.191	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	173609	24.268	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	104272	25.236	ug/L	98
46) Tetrachloroethene	10.861	164	129952	26.763	ug/L	94
48) 2-Hexanone	10.965	43	87175	43.525	ug/L	94
49) Dibromochloromethane	11.129	129	117885	26.167	ug/L	100
50) 1,2-Dibromoethane	11.233	107	93268	24.477	ug/L	97
51) Chlorobenzene	11.654	112	408087	26.142	ug/L	99
52) Ethylbenzene	11.727	91	748809	27.170	ug/L	98
53) m,p-Xylene	11.837	106	286466	27.637	ug/L	100
54) o-Xylene	12.166	106	266409	27.932	ug/L	91
55) Styrene	12.178	104	462874	28.404	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	108586	24.081	ug/L	98
59) Bromoform	12.349	173	65368	25.069	ug/L	98
60) Isopropylbenzene	12.465	105	738118	26.498	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74358	21.719	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	606049	27.633	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	586946	27.481	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	323629	26.460	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	323987	25.802	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	280869	25.766	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	14957	20.635	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	223671	27.558	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	163139	25.314	ug/L	96
71) Naphthalene	15.360	128	243765	23.332	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	152238	27.410	ug/L	92

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

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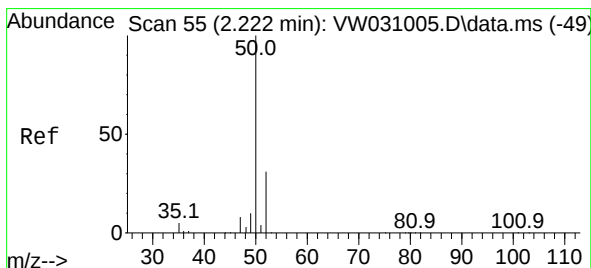
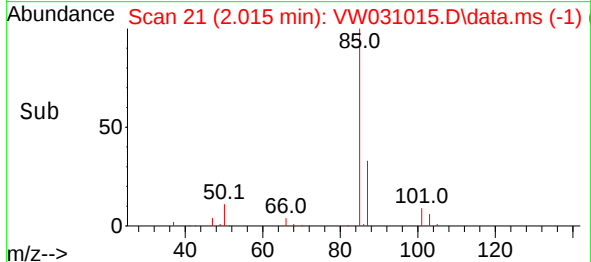
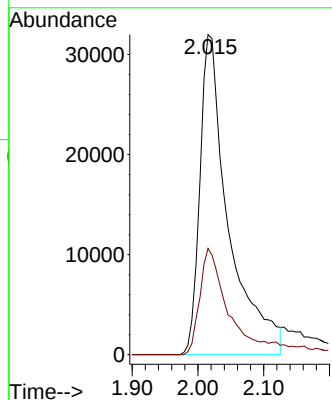
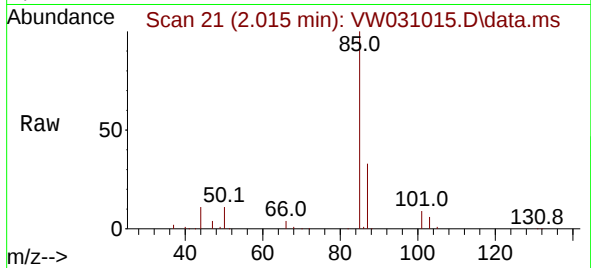




#2
 Dichlorodifluoromethane
 Concen: 22.651 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031015.D
 Acq: 14 Nov 2024 09:51

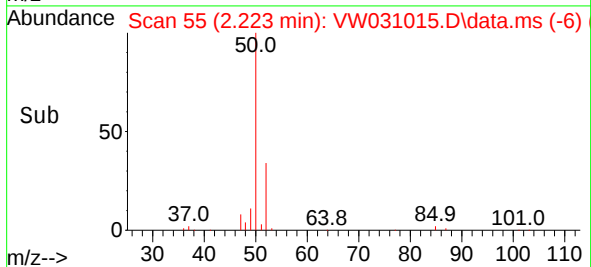
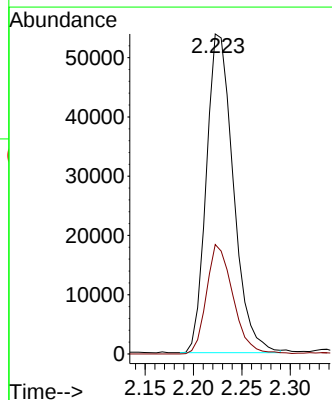
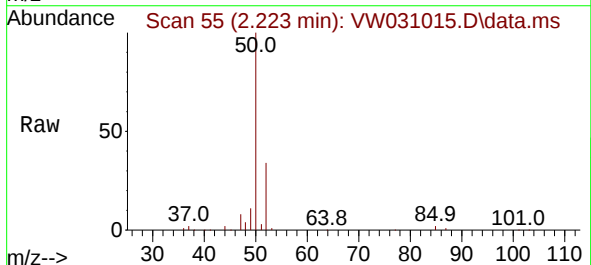
Instrument :
 MSVOA_W
 ClientSampleId :

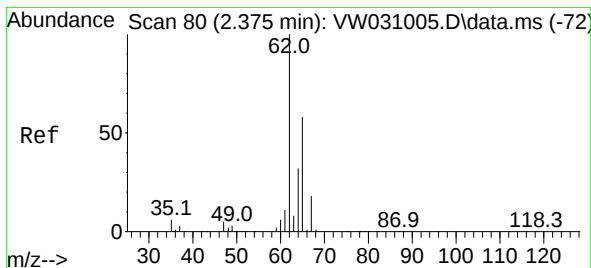
Tgt Ion: 85 Resp: 96865
 Ion Ratio Lower Upper
 85 100
 87 31.2 24.2 36.4



#3
 Chloromethane
 Concen: 18.169 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031015.D
 Acq: 14 Nov 2024 09:51

Tgt Ion: 50 Resp: 104698
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.5 41.9





#5

Vinyl chloride

Concen: 20.519 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

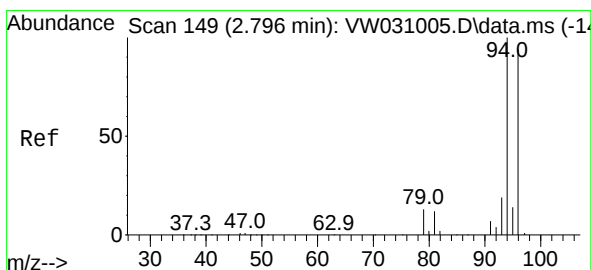
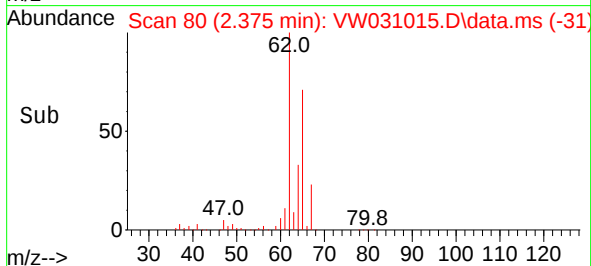
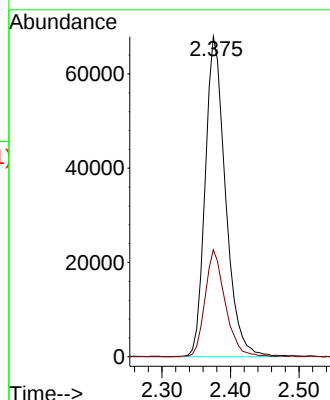
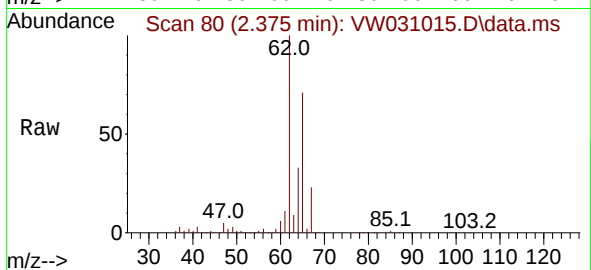
ClientSampleId :

Tgt Ion: 62 Resp: 140126

Ion Ratio Lower Upper

62 100

64 33.4 21.7 40.3



#6

Bromomethane

Concen: 20.195 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW031015.D

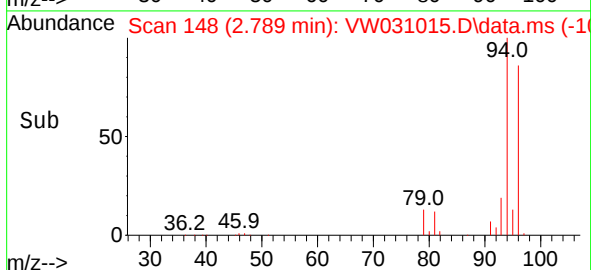
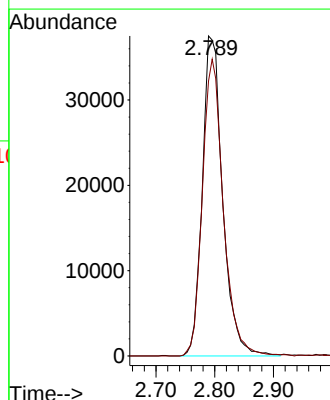
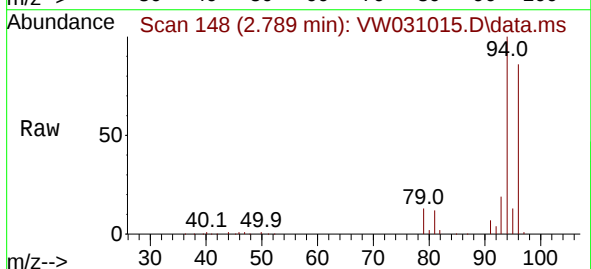
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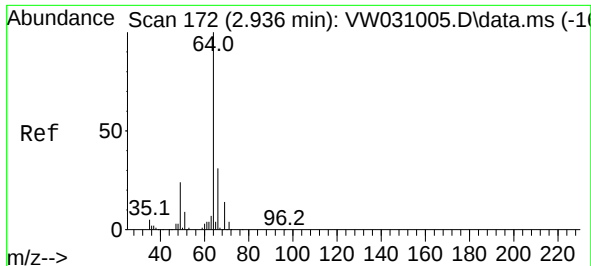
Tgt Ion: 94 Resp: 90553

Ion Ratio Lower Upper

94 100

96 85.9 61.6 114.4

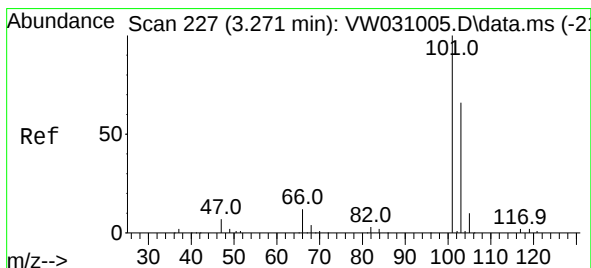
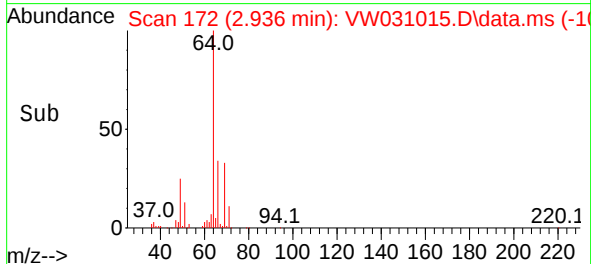
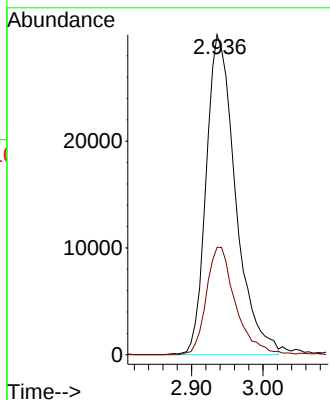
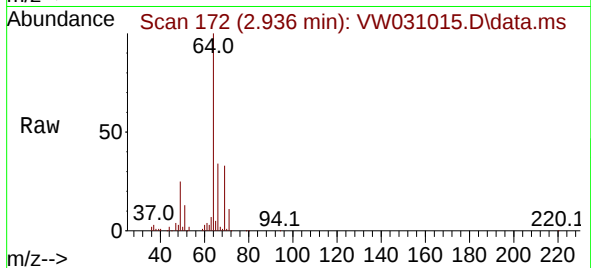




#8
Chloroethane
Concen: 20.635 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

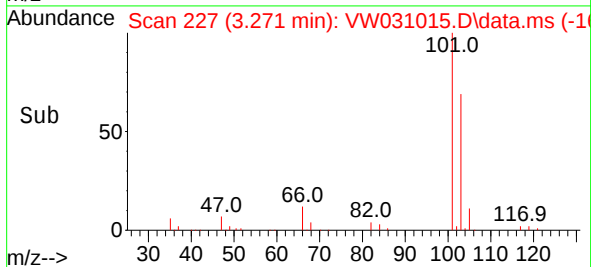
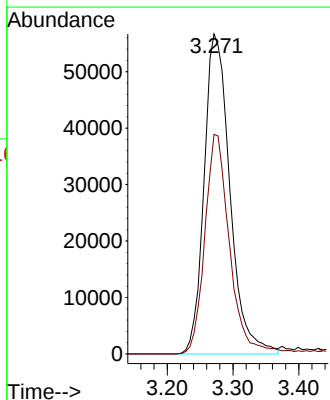
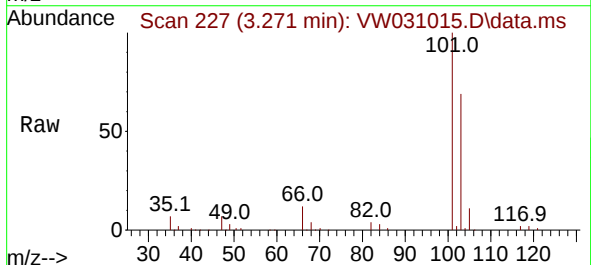
Instrument :
MSVOA_W
ClientSampleId :

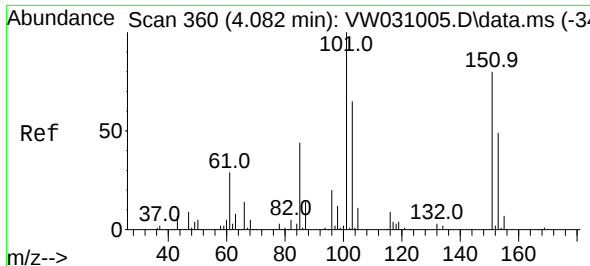
Tgt Ion: 64 Resp: 85428
Ion Ratio Lower Upper
64 100
66 33.5 23.5 43.7



#9
Trichlorofluoromethane
Concen: 24.879 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

Tgt Ion:101 Resp: 155054
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6





#10

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

Concen: 25.499 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

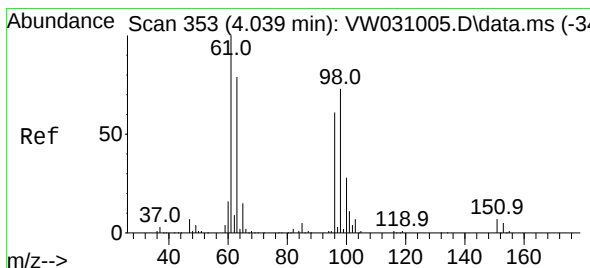
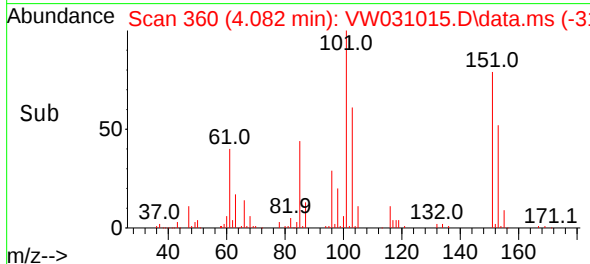
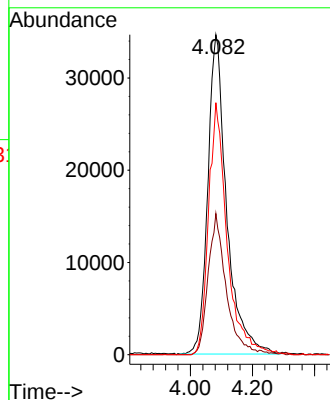
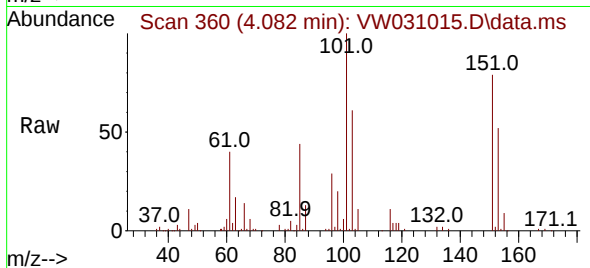
Tgt Ion:101 Resp: 146302

Ion Ratio Lower Upper

101 100

85 41.8 32.9 49.3

151 74.4 51.0 76.6



#12

1,1-Dichloroethene

Concen: 25.317 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.012 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

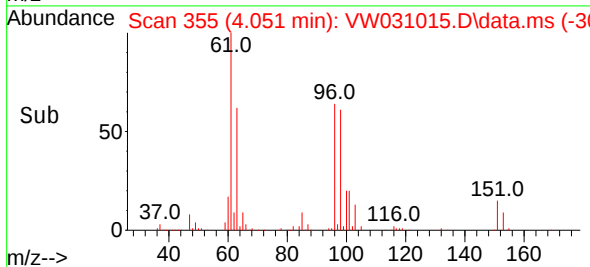
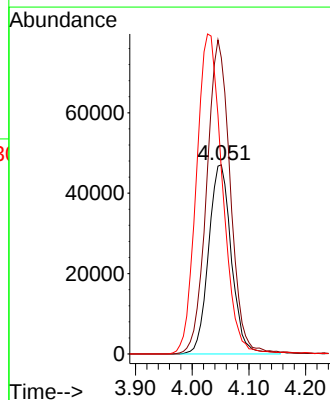
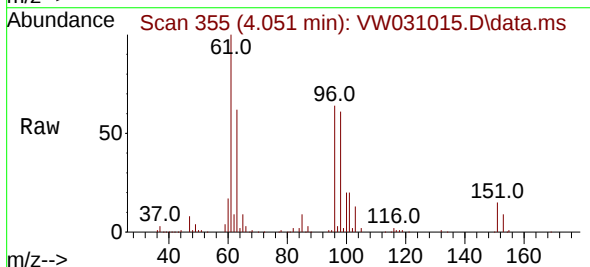
Tgt Ion: 96 Resp: 131377

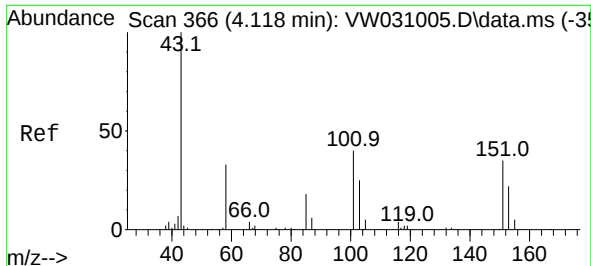
Ion Ratio Lower Upper

96 100

61 156.6 118.9 220.7

63 97.4 97.8 181.6#

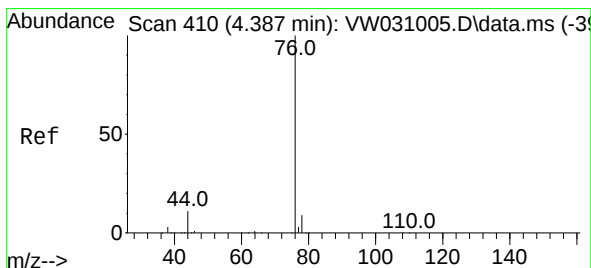
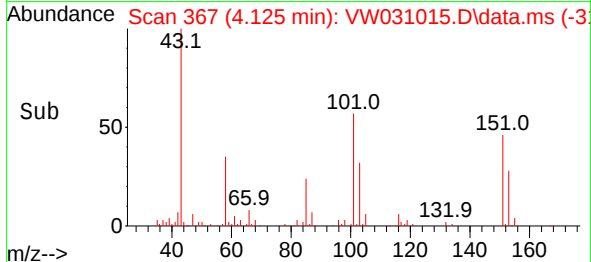
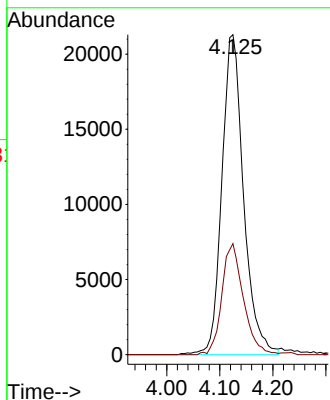
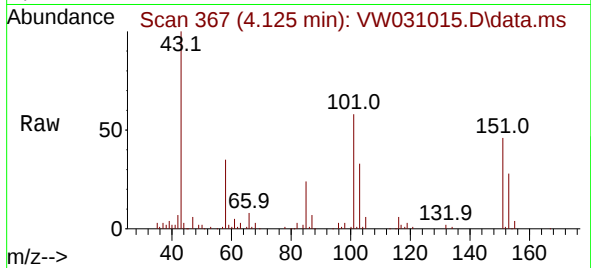




#13
Acetone
Concen: 45.749 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

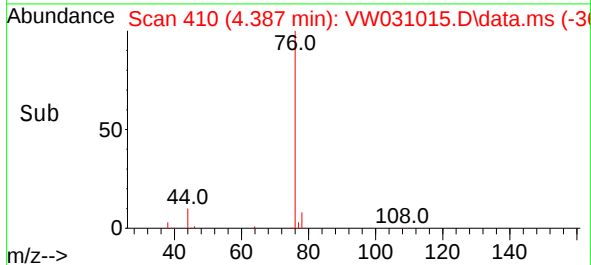
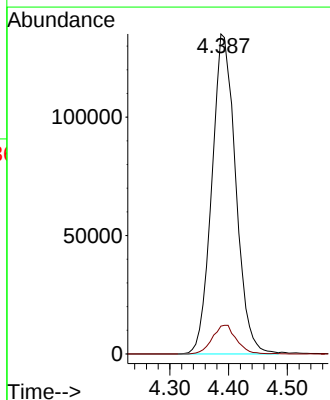
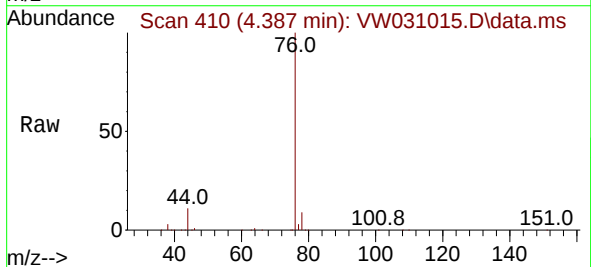
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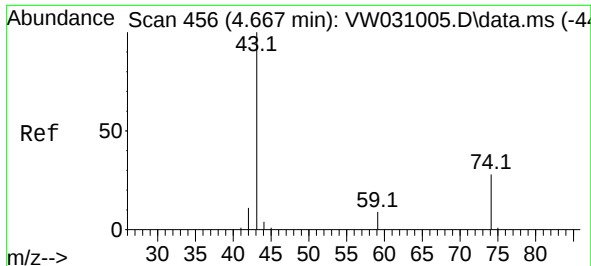
Tgt Ion: 43 Resp: 60546
Ion Ratio Lower Upper
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58 34.1 0.0 62.6



#14
Carbon disulfide
Concen: 22.323 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

Tgt Ion: 76 Resp: 380813
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7





#15

Methyl Acetate

Concen: 21.136 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

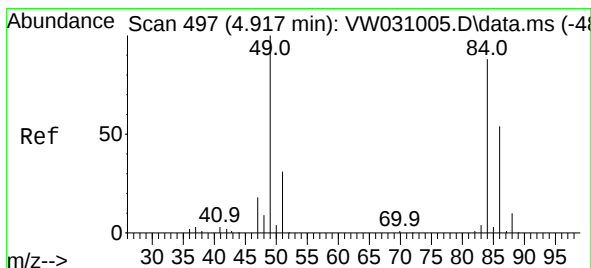
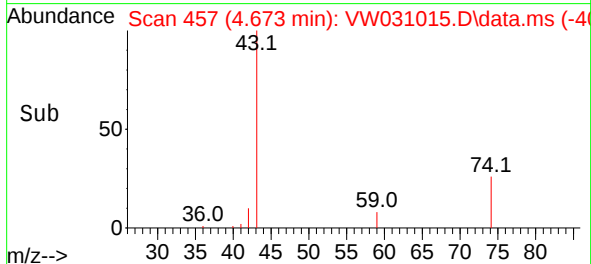
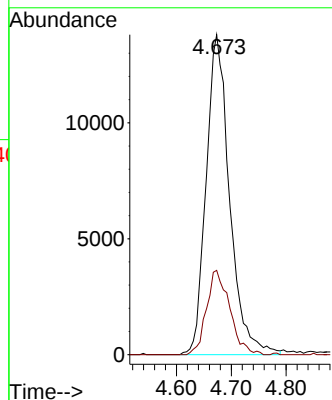
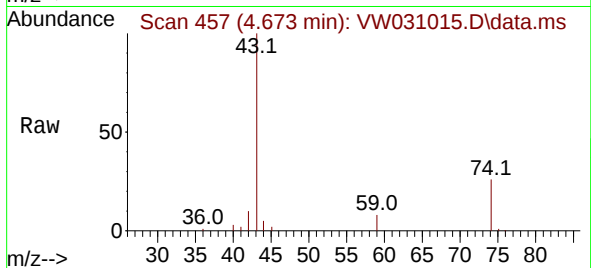
ClientSampleId :

Tgt Ion: 43 Resp: 41030

Ion Ratio Lower Upper

43 100

74 24.9 20.2 30.2



#16

Methylene chloride

Concen: 24.471 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

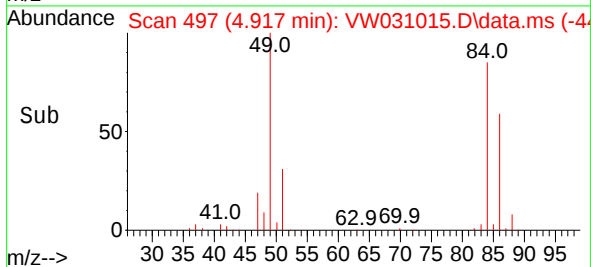
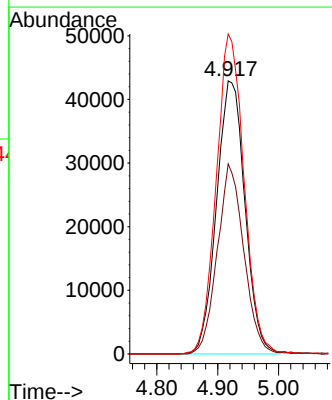
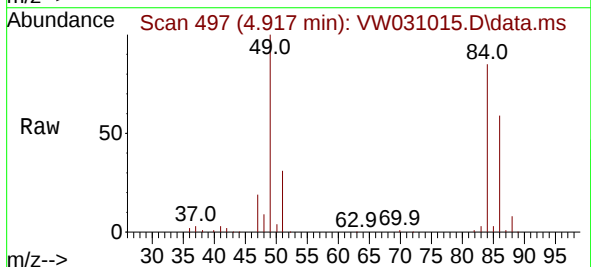
Tgt Ion: 84 Resp: 138892

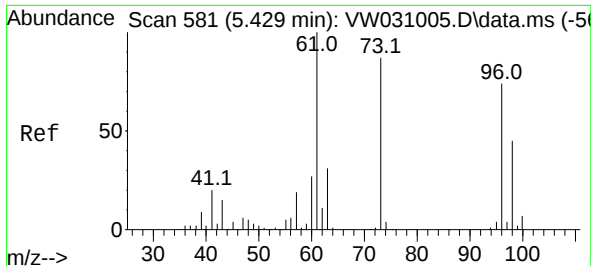
Ion Ratio Lower Upper

84 100

86 69.6 41.8 77.6

49 117.1 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 24.798 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

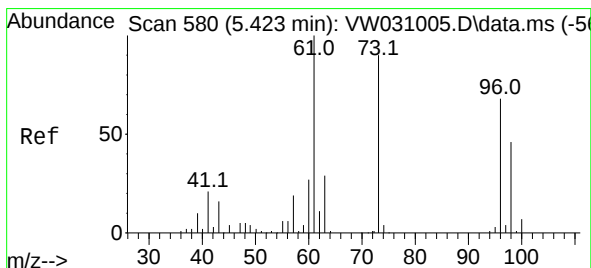
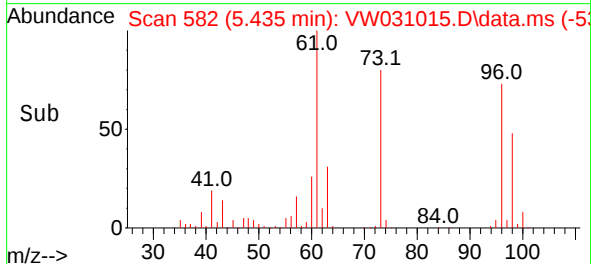
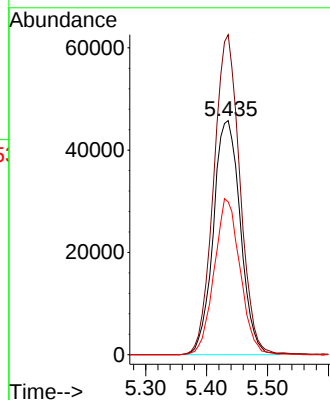
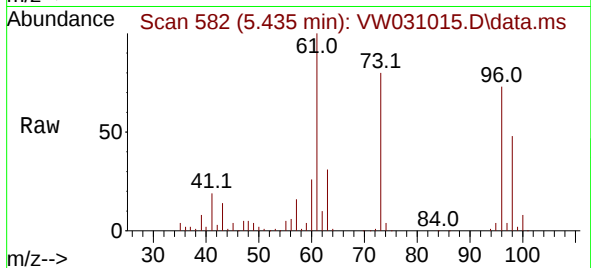
Tgt Ion: 96 Resp: 141173

Ion Ratio Lower Upper

96 100

61 136.7 95.2 176.8

98 65.3 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 22.985 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

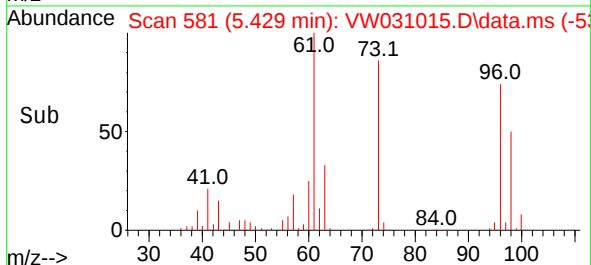
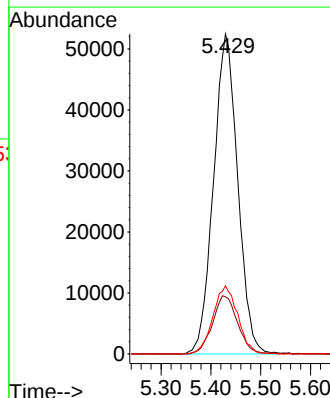
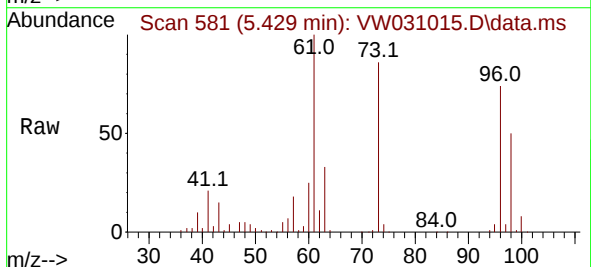
Tgt Ion: 73 Resp: 176611

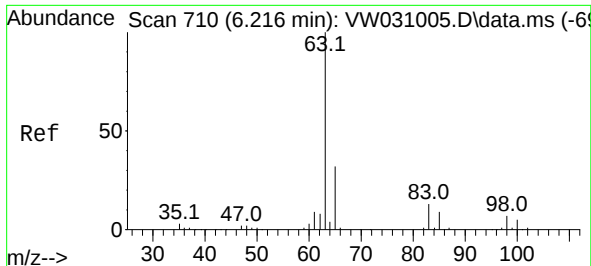
Ion Ratio Lower Upper

73 100

43 18.8 16.2 24.2

57 21.8 17.3 25.9





#19

1,1-Dichloroethane

Concen: 24.735 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

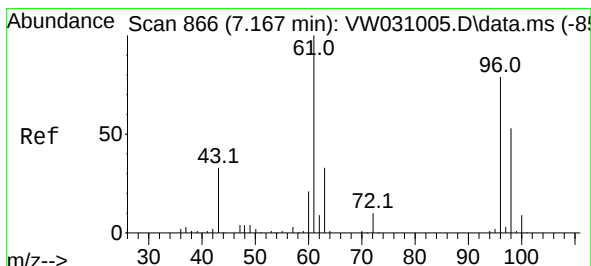
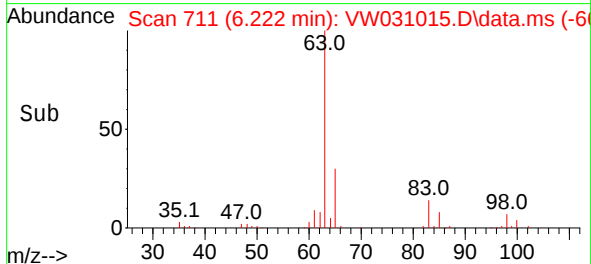
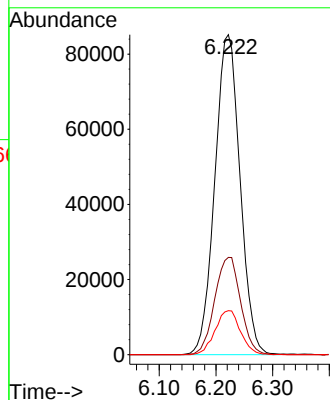
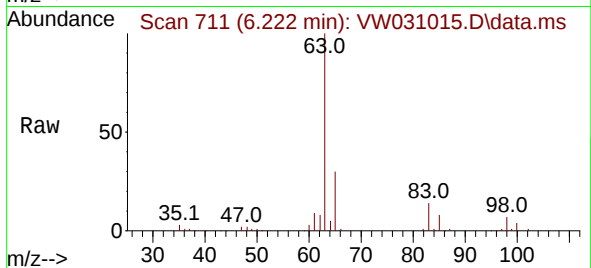
Tgt Ion: 63 Resp: 262770

Ion Ratio Lower Upper

63 100

65 30.4 23.0 42.8

83 13.8 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 25.178 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

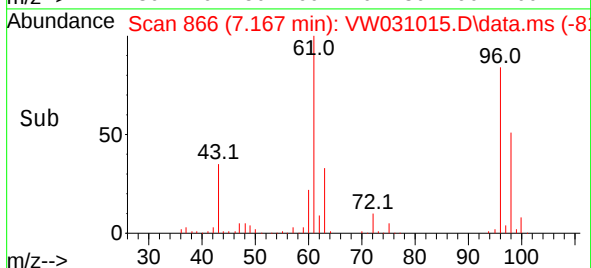
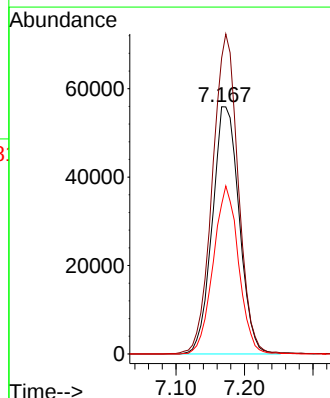
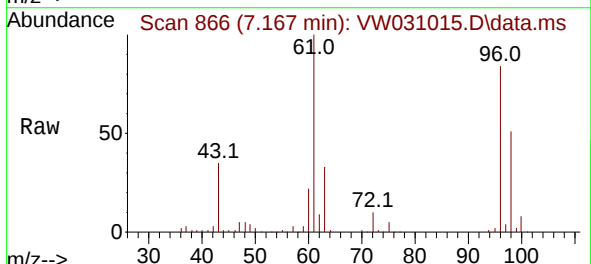
Tgt Ion: 96 Resp: 152061

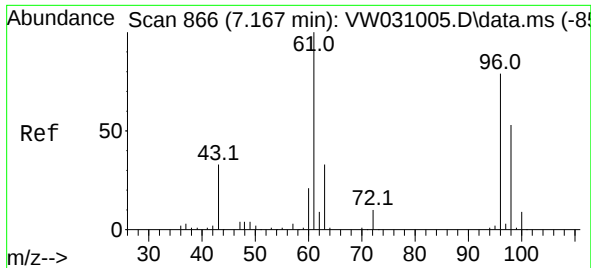
Ion Ratio Lower Upper

96 100

61 119.7 89.2 165.8

98 60.5 45.1 83.9

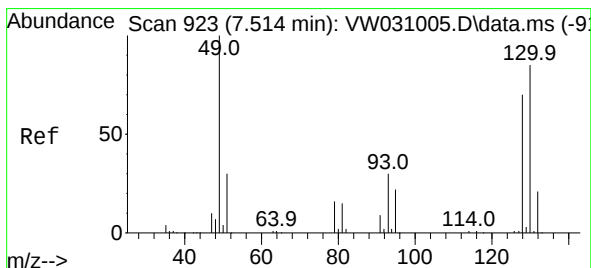
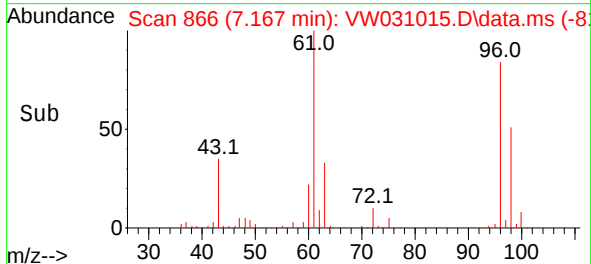
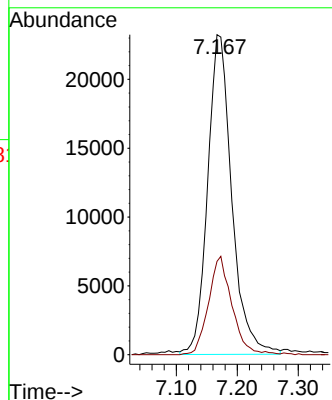
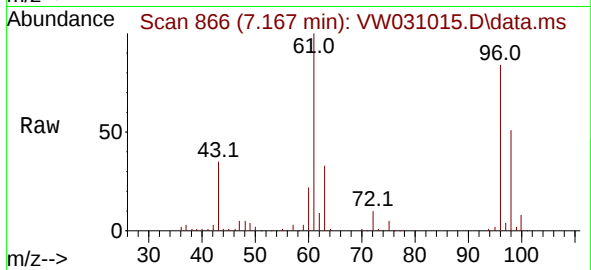




#22
2-Butanone
Concen: 43.146 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

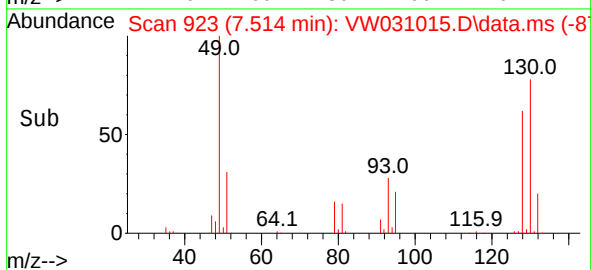
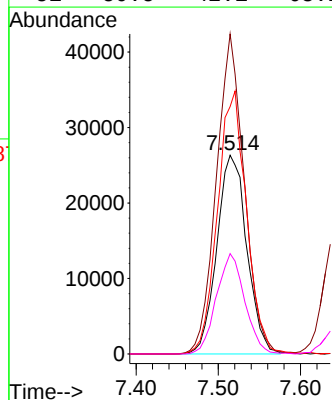
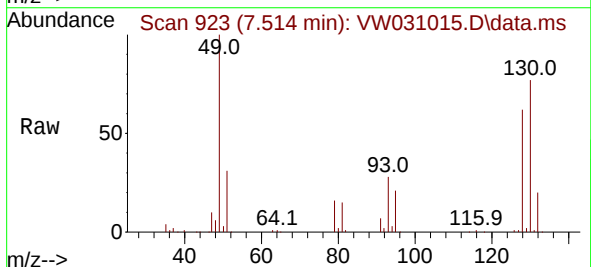
Instrument :
MSVOA_W
ClientSampleId :

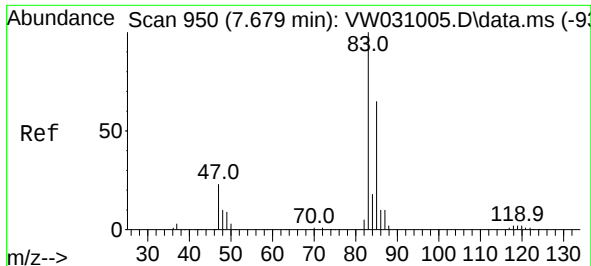
Tgt Ion: 43 Resp: 63945
Ion Ratio Lower Upper
43 100
72 29.5 14.5 43.6



#23
Bromochloromethane
Concen: 25.229 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

Tgt Ion: 128 Resp: 66727
Ion Ratio Lower Upper
128 100
49 161.0 112.4 208.8
130 124.5 86.2 160.0
51 50.5 42.1 63.1





#25

Chloroform

Concen: 25.170 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

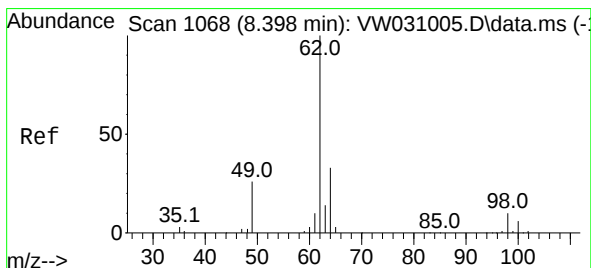
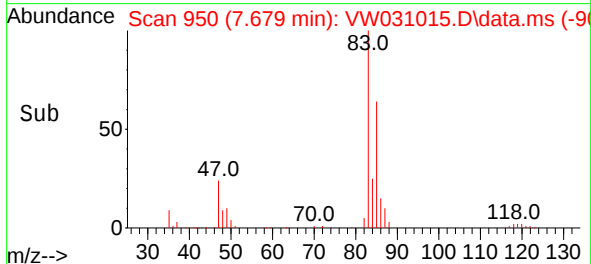
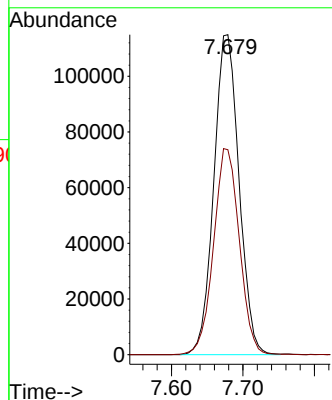
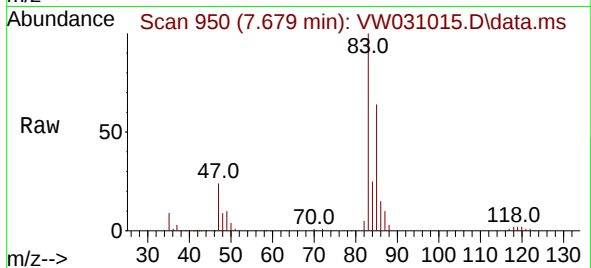
ClientSampleId :

Tgt Ion: 83 Resp: 281342

Ion Ratio Lower Upper

83 100

85 64.1 47.2 87.6



#27

1,2-Dichloroethane

Concen: 22.473 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031015.D

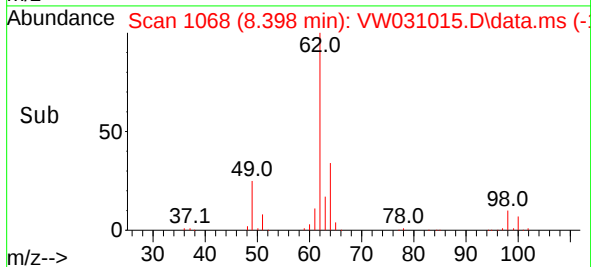
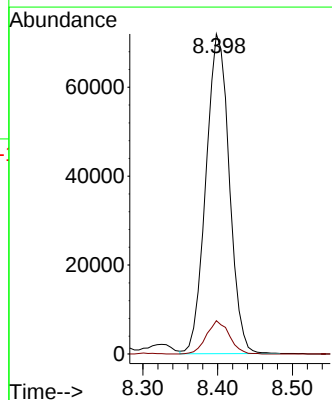
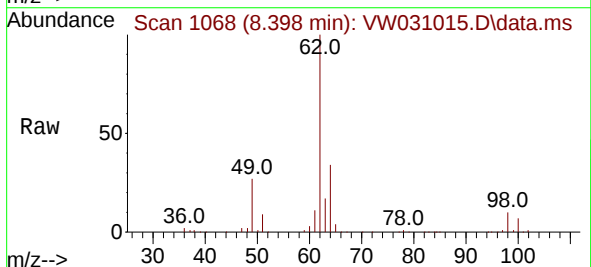
Acq: 14 Nov 2024 09:51

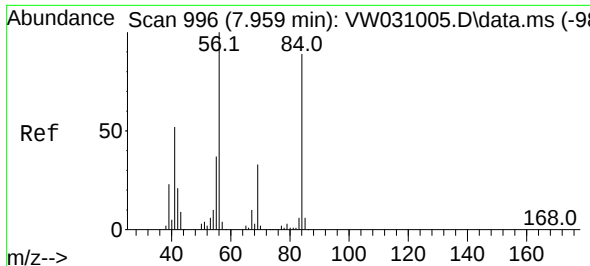
Tgt Ion: 62 Resp: 156440

Ion Ratio Lower Upper

62 100

98 10.4 7.1 10.7





#29

Cyclohexane

Concen: 25.144 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

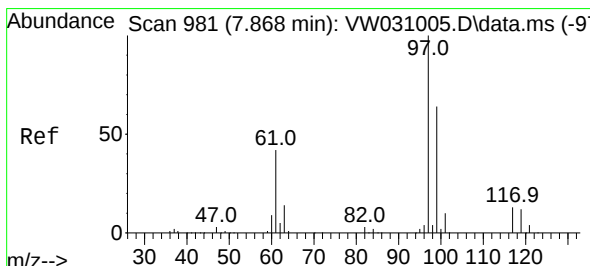
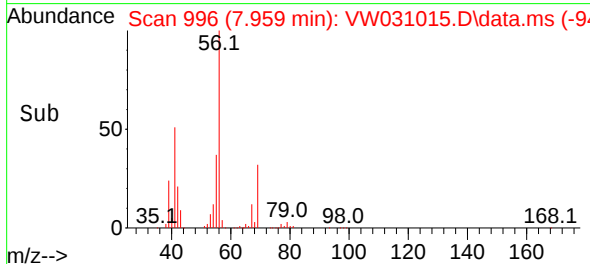
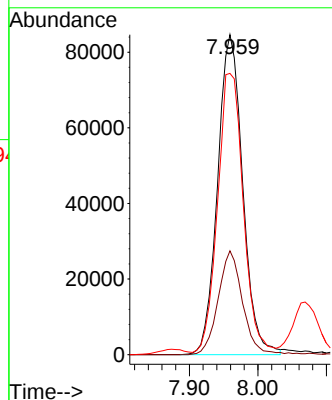
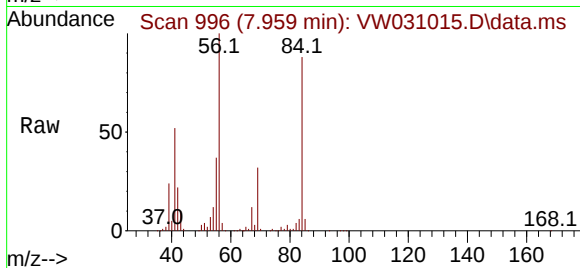
Tgt Ion: 56 Resp: 215327

Ion Ratio Lower Upper

56 100

69 31.4 24.8 37.2

84 90.5 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 26.073 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

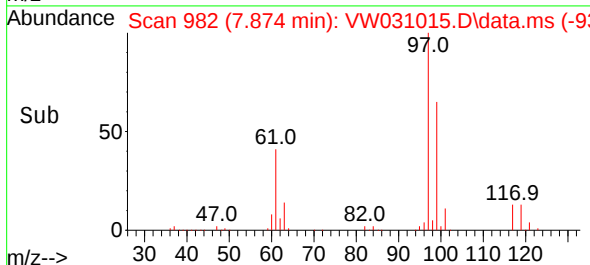
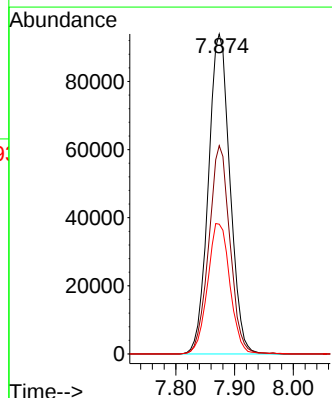
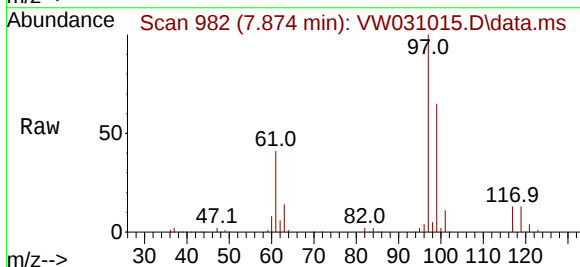
Tgt Ion: 97 Resp: 239341

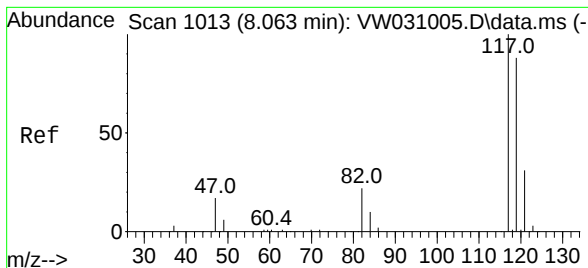
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 42.1 36.2 54.4





#31

Carbon tetrachloride

Concen: 26.330 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

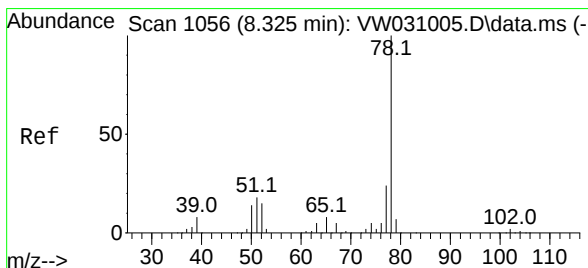
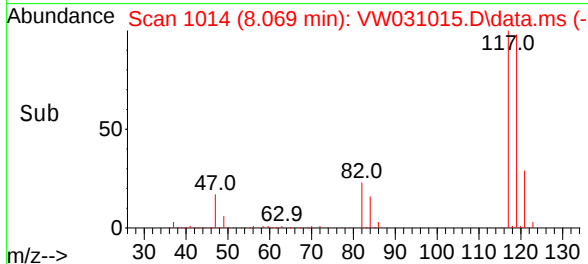
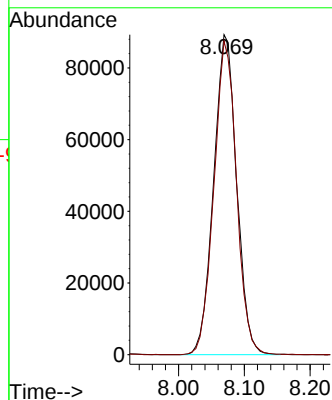
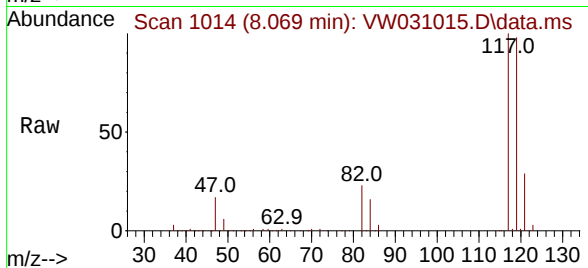
ClientSampleId :

Tgt Ion:117 Resp: 217188

Ion Ratio Lower Upper

117 100

119 96.2 76.2 114.2



#33

Benzene

Concen: 26.495 ug/L

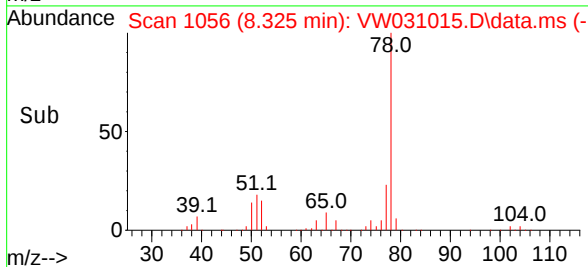
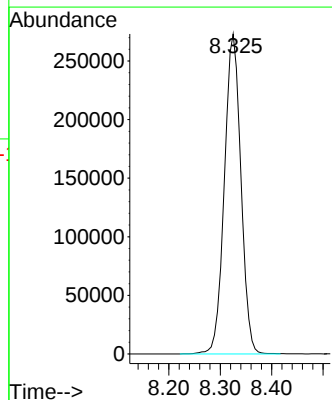
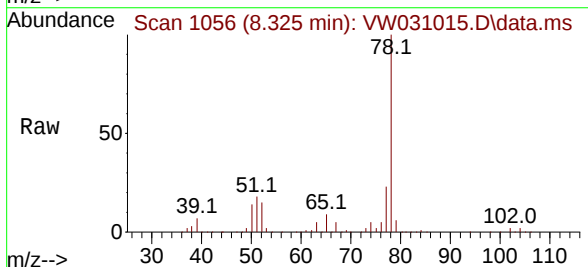
RT: 8.325 min Scan# 1056

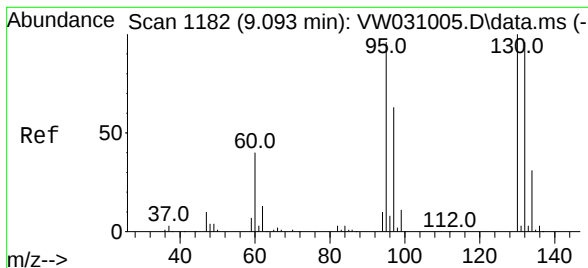
Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Tgt Ion: 78 Resp: 610277





#34

Trichloroethene

Concen: 24.753 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 157223

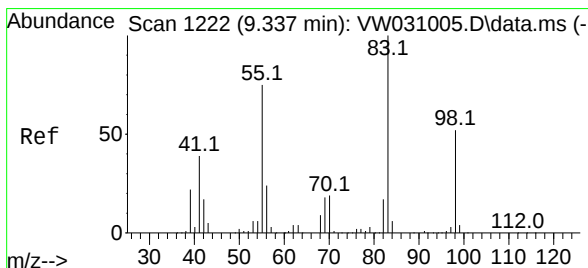
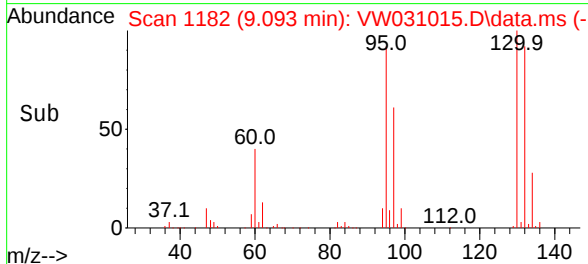
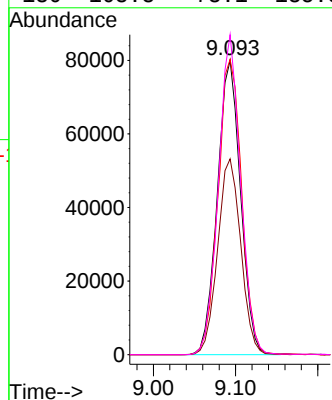
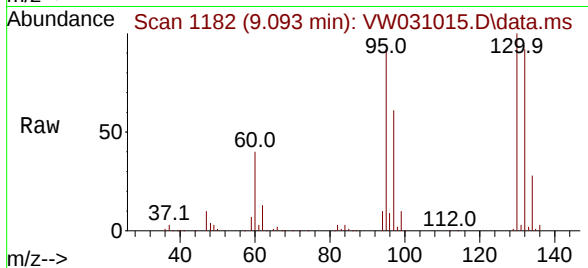
Ion Ratio Lower Upper

95 100

97 66.5 48.9 90.7

132 100.4 67.7 125.7

130 108.8 73.1 135.8



#35

Methylcyclohexane

Concen: 26.265 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

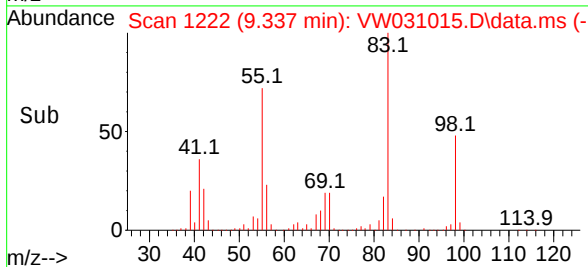
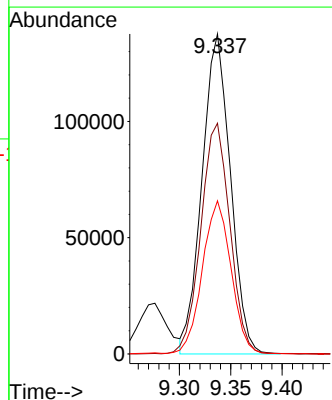
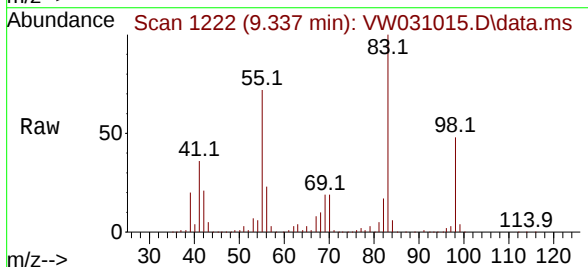
Tgt Ion: 83 Resp: 264405

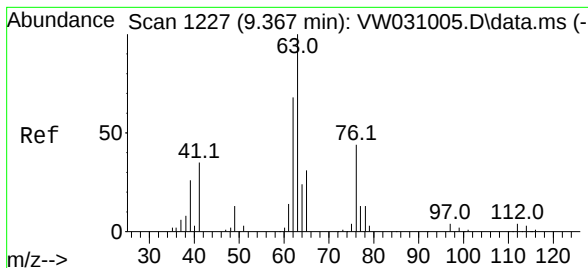
Ion Ratio Lower Upper

83 100

55 73.7 62.8 94.2

98 48.5 39.4 59.2





#37

1,2-Dichloropropane

Concen: 26.227 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

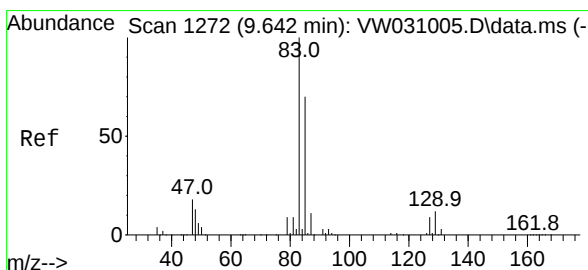
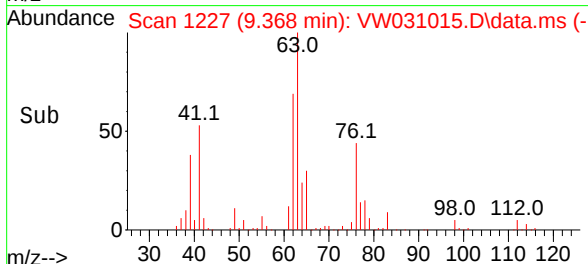
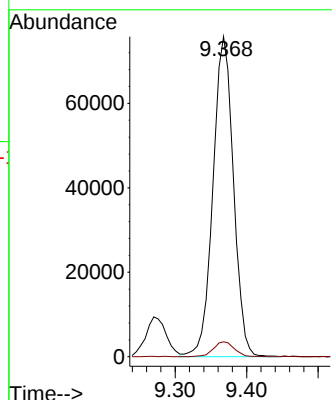
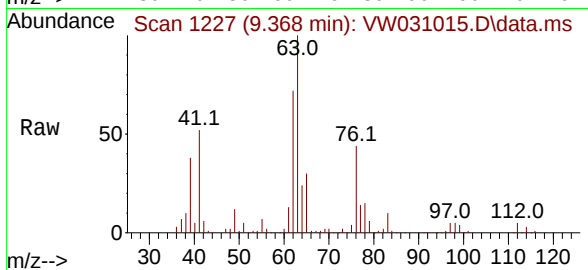
ClientSampleId :

Tgt Ion: 63 Resp: 150974

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 25.633 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

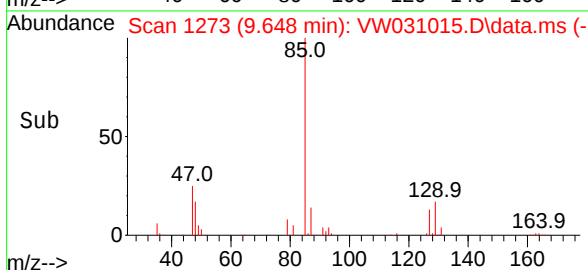
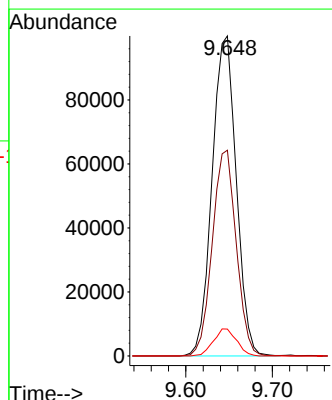
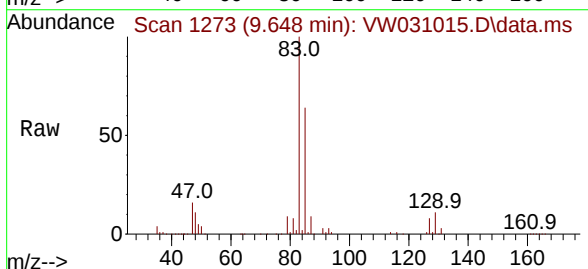
Tgt Ion: 83 Resp: 193777

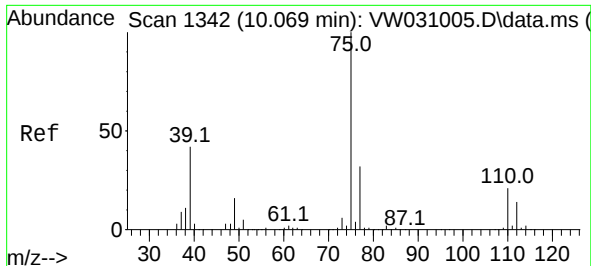
Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9

127 8.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.398 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

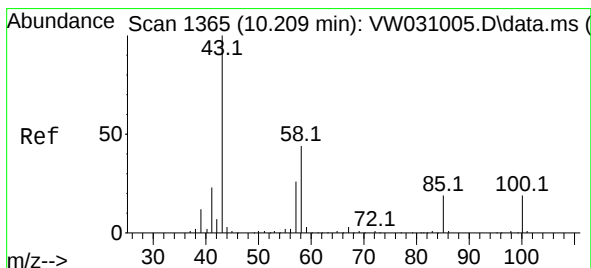
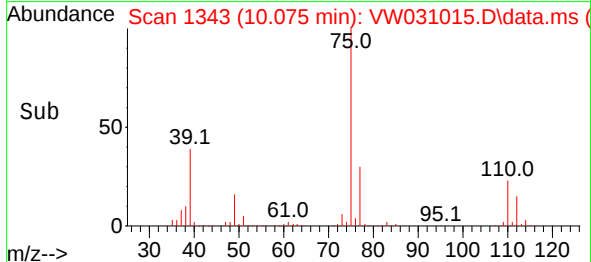
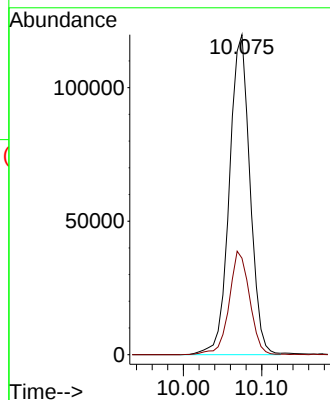
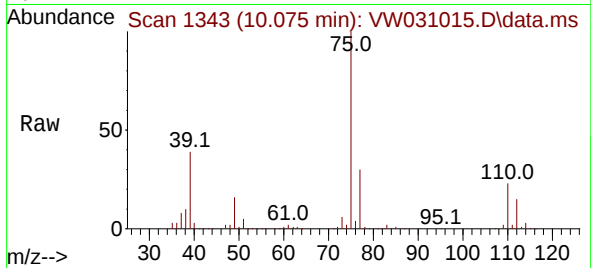
ClientSampleId :

Tgt Ion: 75 Resp: 218713

Ion Ratio Lower Upper

75 100

77 30.2 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 41.751 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

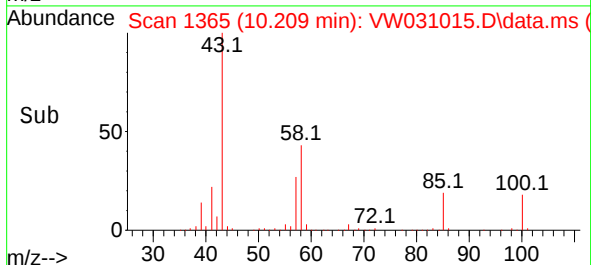
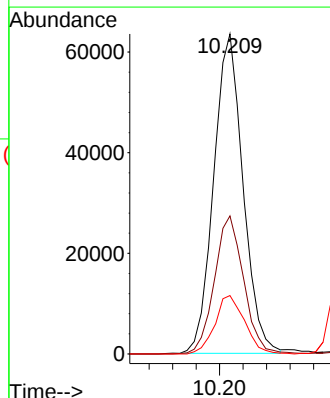
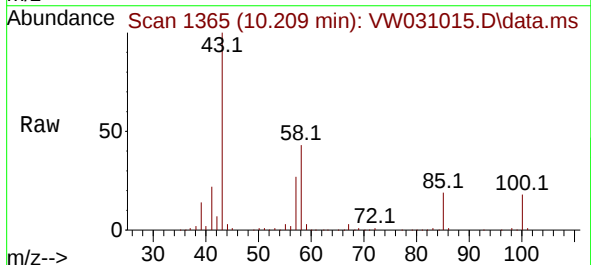
Tgt Ion: 43 Resp: 109912

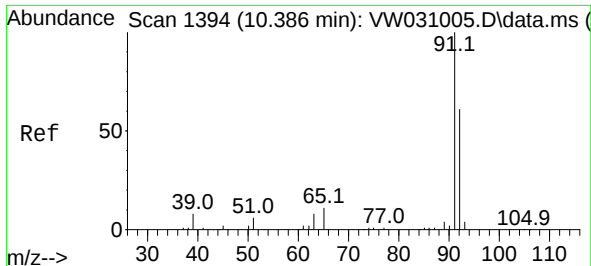
Ion Ratio Lower Upper

43 100

58 43.2 32.2 48.4

100 18.6 13.3 19.9





#42

Toluene

Concen: 27.191 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

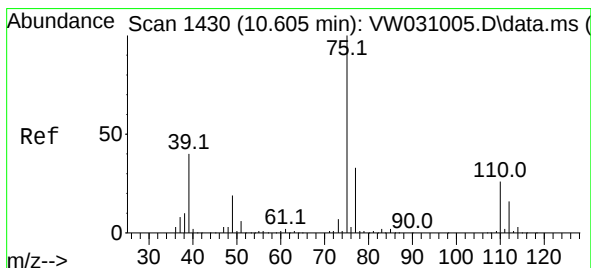
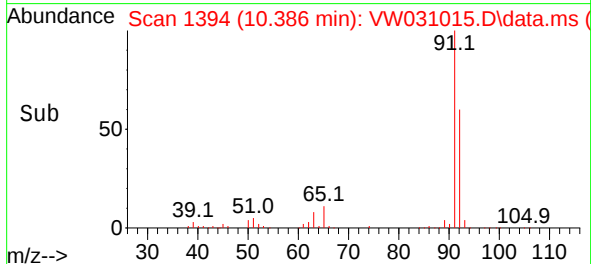
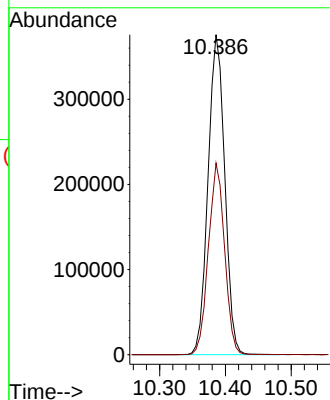
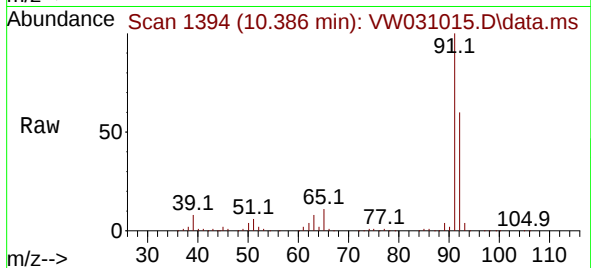
ClientSampleId :

Tgt Ion: 91 Resp: 663231

Ion Ratio Lower Upper

91 100

92 59.8 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 24.268 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031015.D

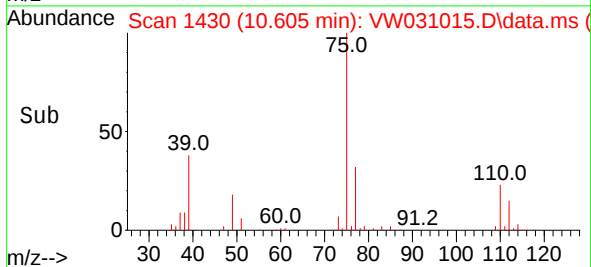
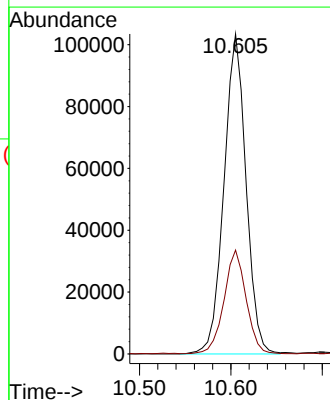
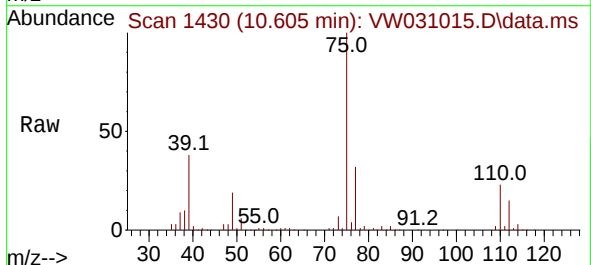
Acq: 14 Nov 2024 09:51

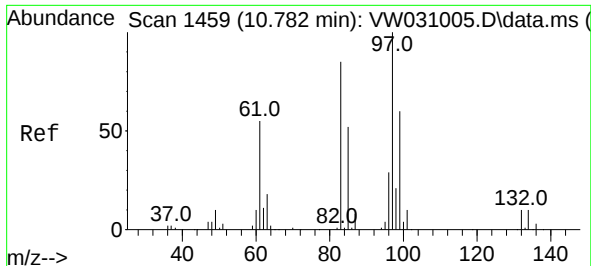
Tgt Ion: 75 Resp: 173609

Ion Ratio Lower Upper

75 100

77 32.5 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 25.236 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 104272

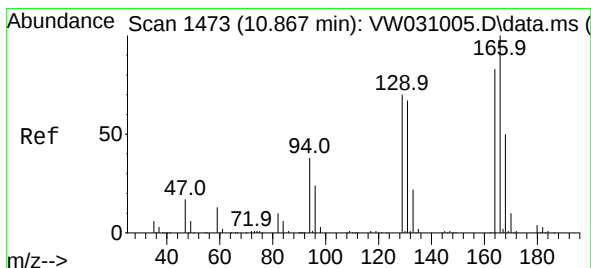
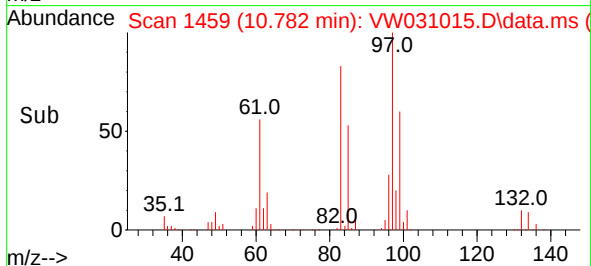
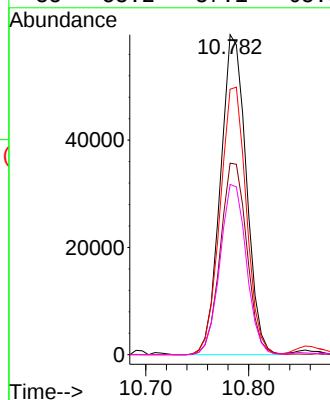
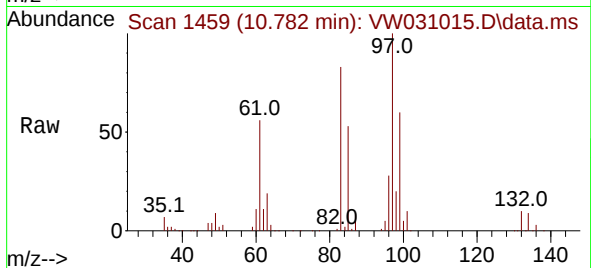
Ion Ratio Lower Upper

97 100

99 59.9 42.8 79.4

83 83.0 60.6 112.6

85 53.2 37.1 68.9



#46

Tetrachloroethene

Concen: 26.763 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Tgt Ion:164 Resp: 129952

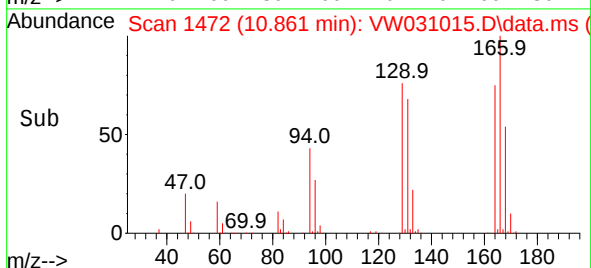
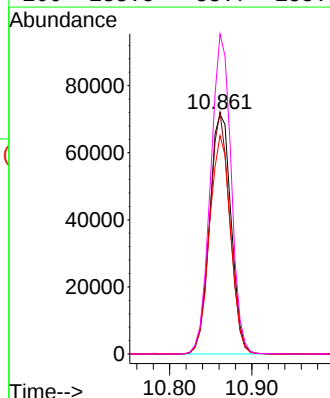
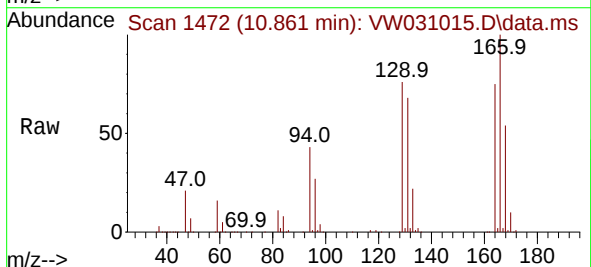
Ion Ratio Lower Upper

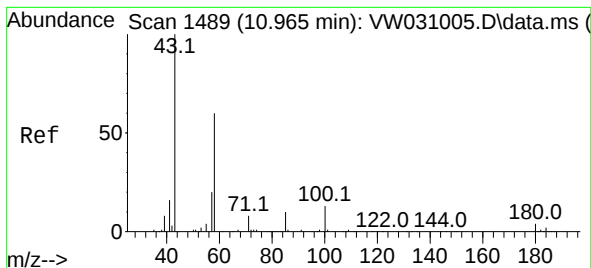
164 100

129 100.9 71.1 132.1

131 91.0 62.6 116.3

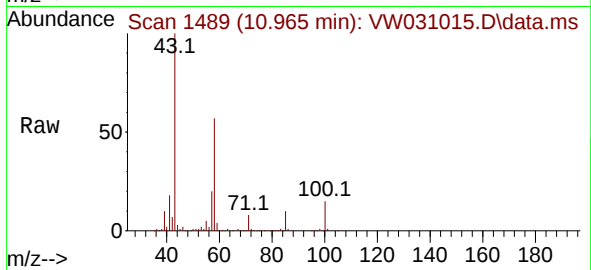
166 133.5 83.7 155.5



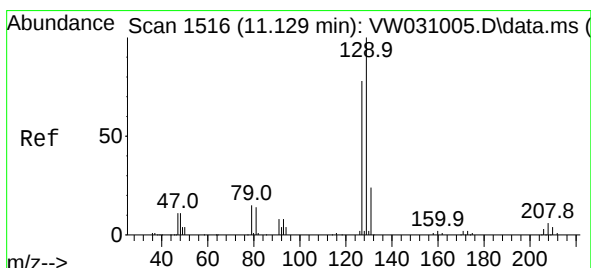
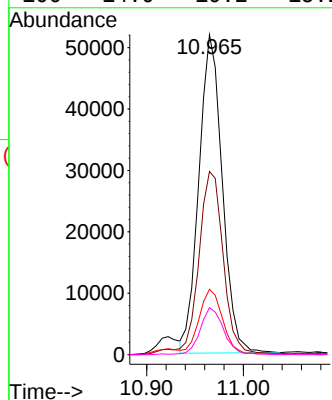
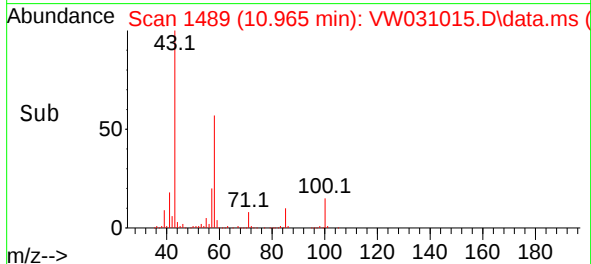


#48
2-Hexanone
Concen: 43.525 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :

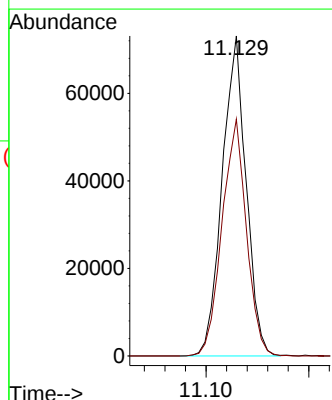
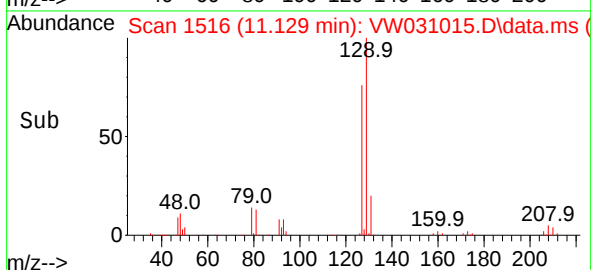
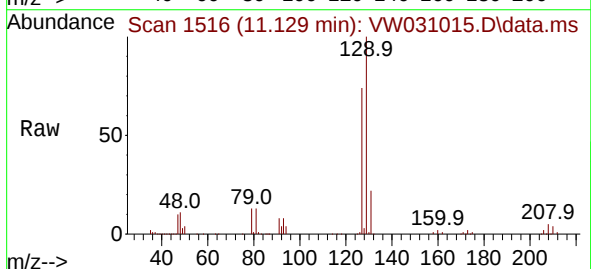


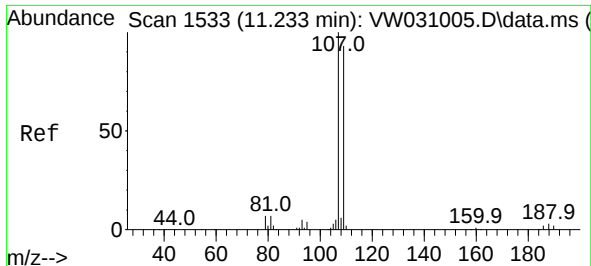
Tgt Ion: 43 Resp: 87175
Ion Ratio Lower Upper
43 100
58 59.8 43.8 65.8
57 21.1 15.4 23.2
100 14.9 10.2 15.2



#49
Dibromochloromethane
Concen: 26.167 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

Tgt Ion: 129 Resp: 117885
Ion Ratio Lower Upper
129 100
127 74.0 52.1 96.7





#50

1,2-Dibromoethane

Concen: 24.477 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031015.D

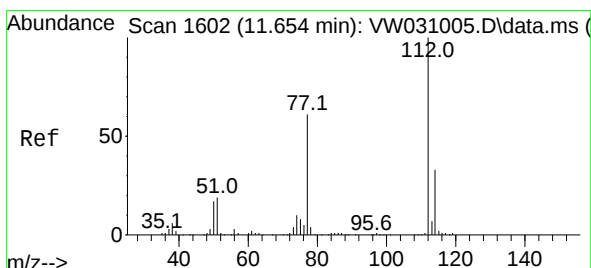
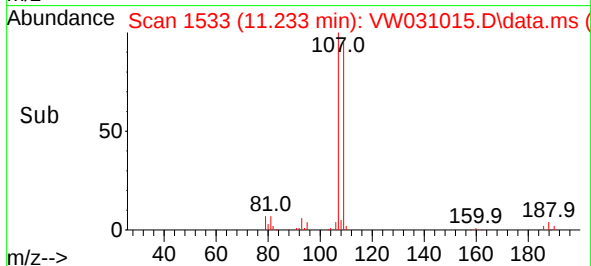
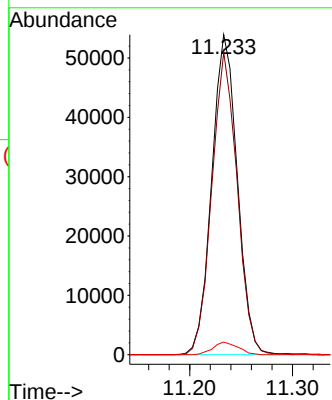
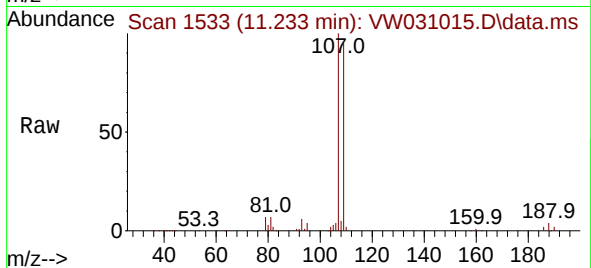
Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	93268
Ion	Ratio	Lower	Upper
107	100		
109	94.6	64.3	119.3
188	4.1	2.7	4.1



#51

Chlorobenzene

Concen: 26.142 ug/L

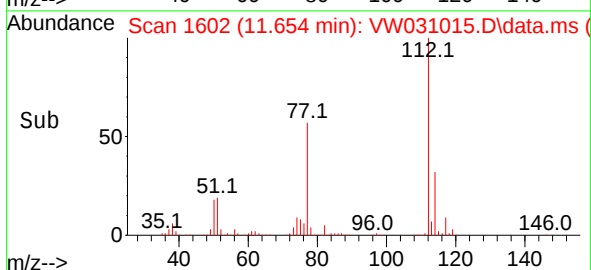
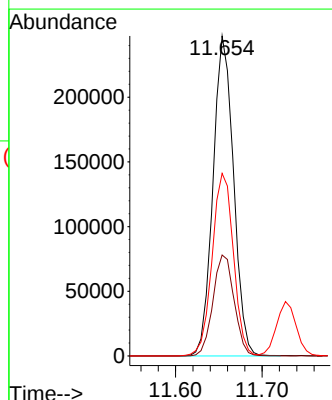
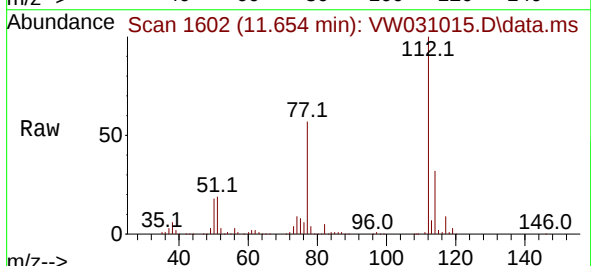
RT: 11.654 min Scan# 1602

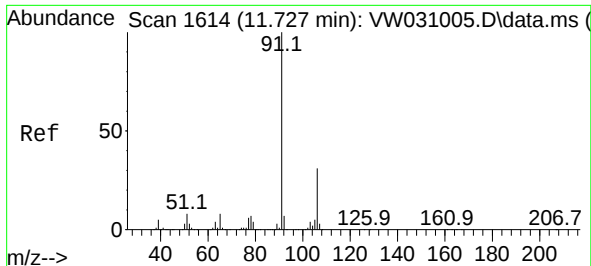
Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Tgt Ion:	112	Resp:	408087
Ion	Ratio	Lower	Upper
112	100		
114	31.6	21.9	40.7
77	57.1	45.3	67.9





#52

Ethylbenzene

Concen: 27.170 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

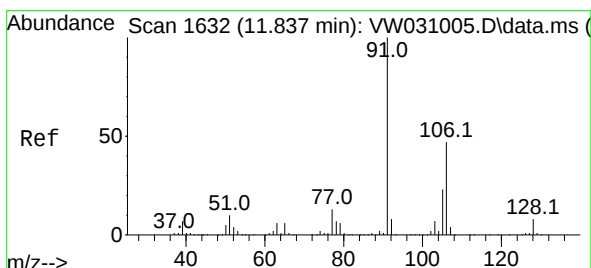
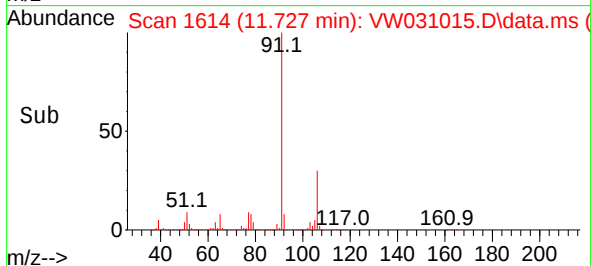
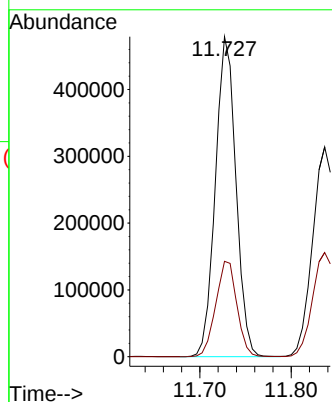
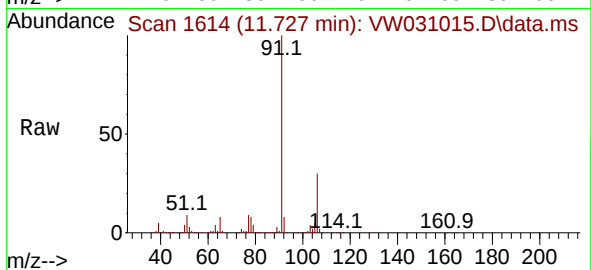
ClientSampleId :

Tgt Ion: 91 Resp: 748809

Ion Ratio Lower Upper

91 100

106 29.8 21.6 40.0



#53

m,p-Xylene

Concen: 27.637 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031015.D

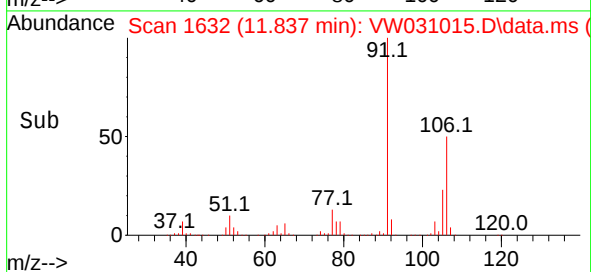
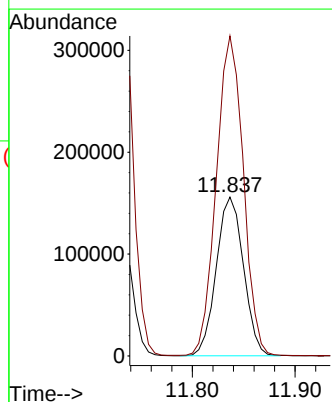
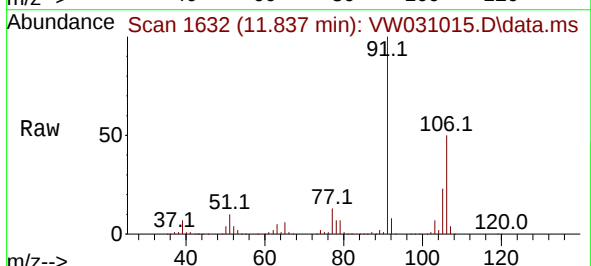
Acq: 14 Nov 2024 09:51

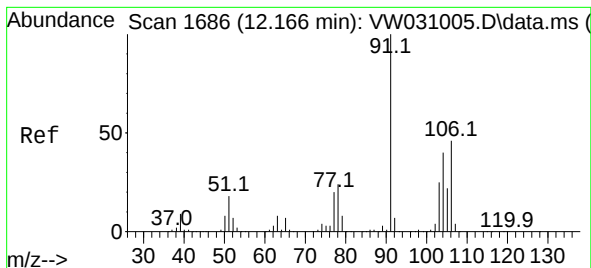
Tgt Ion:106 Resp: 286466

Ion Ratio Lower Upper

106 100

91 201.3 140.7 261.3





#54

o-Xylene

Concen: 27.932 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

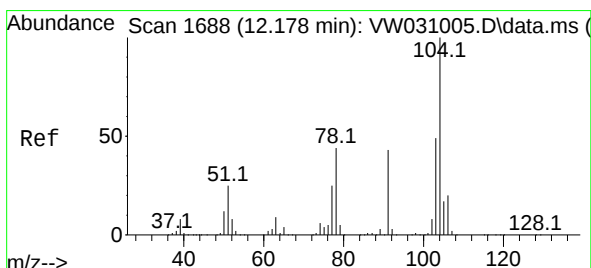
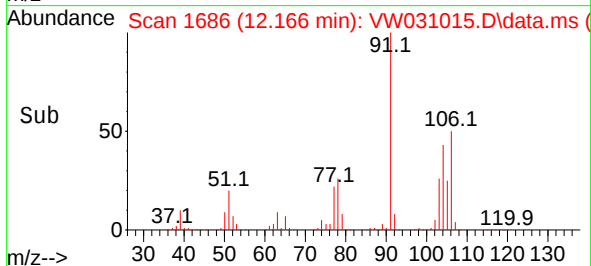
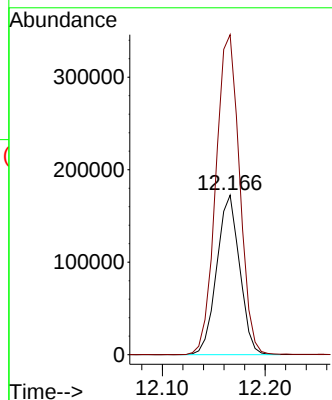
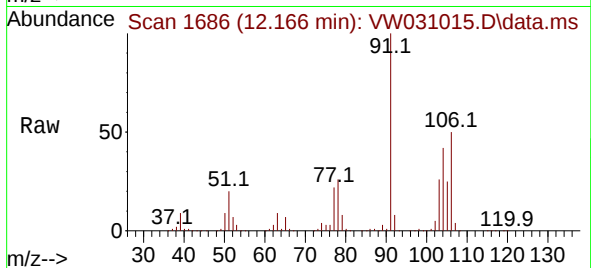
ClientSampleId :

Tgt Ion:106 Resp: 266409

Ion Ratio Lower Upper

106 100

91 200.5 149.9 278.3



#55

Styrene

Concen: 28.404 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031015.D

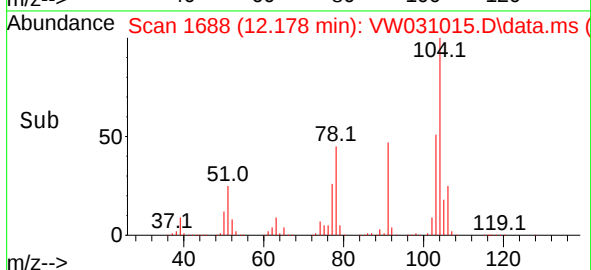
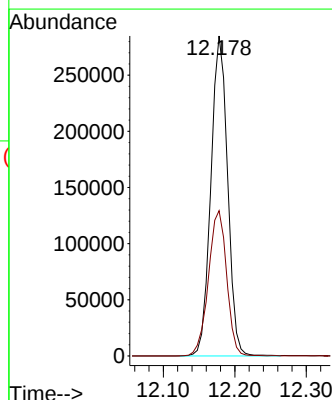
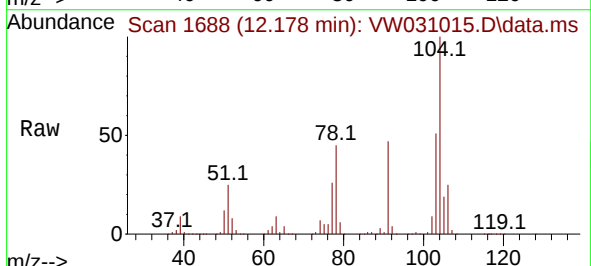
Acq: 14 Nov 2024 09:51

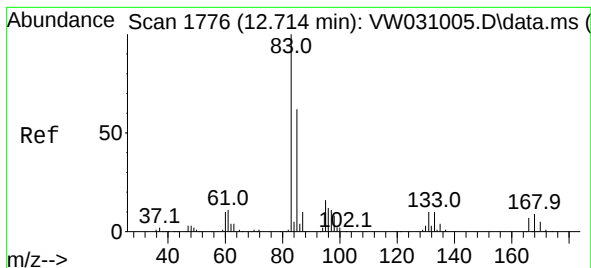
Tgt Ion:104 Resp: 462874

Ion Ratio Lower Upper

104 100

78 45.4 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.081 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

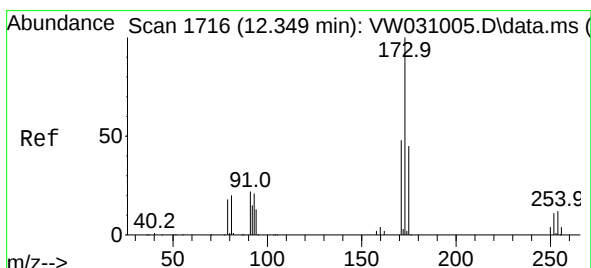
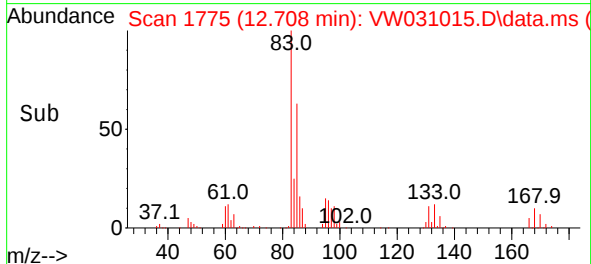
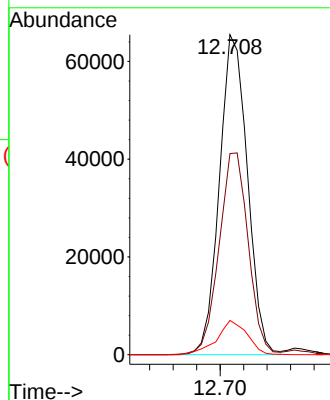
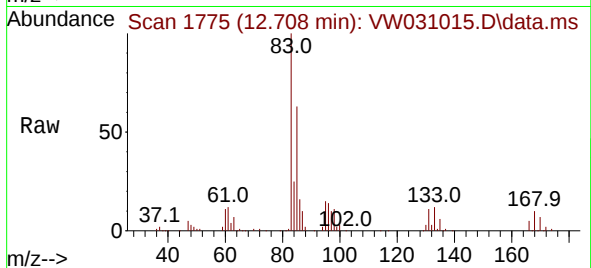
Tgt Ion: 83 Resp: 108586

Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.7

131 10.7 7.7 11.5



#59

Bromoform

Concen: 25.069 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

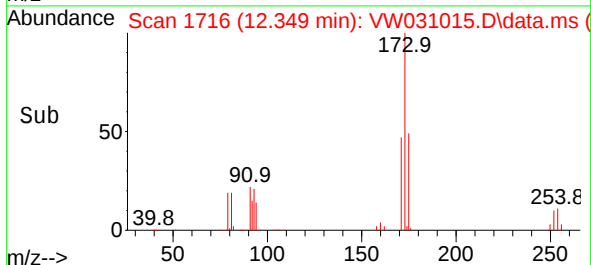
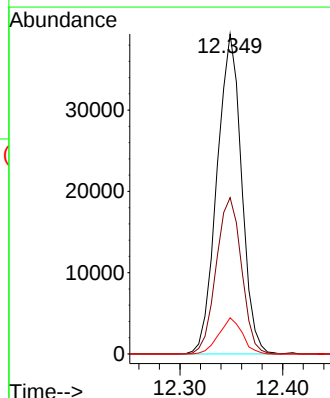
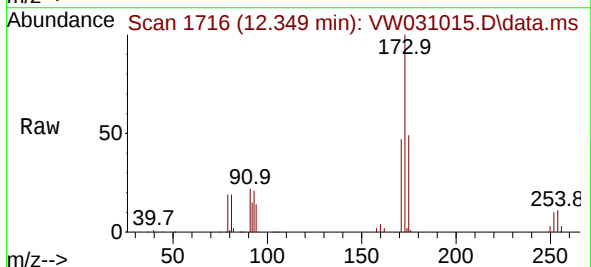
Tgt Ion:173 Resp: 65368

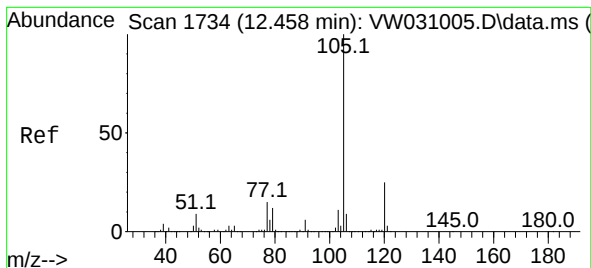
Ion Ratio Lower Upper

173 100

175 50.2 39.3 58.9

254 10.8 7.8 11.6





#60

Isopropylbenzene

Concen: 26.498 ug/L

RT: 12.465 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

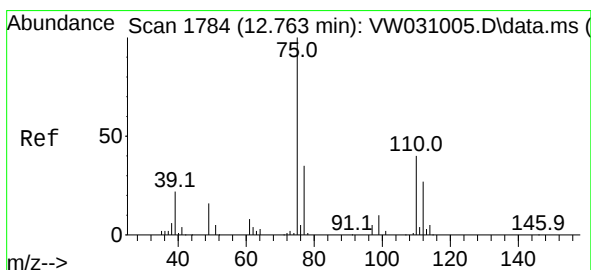
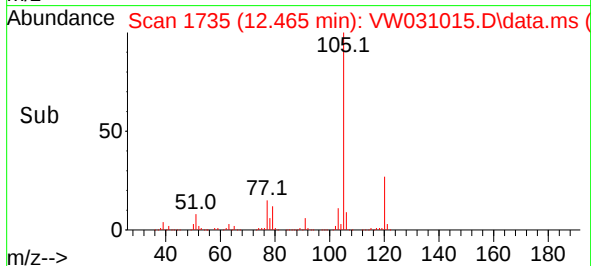
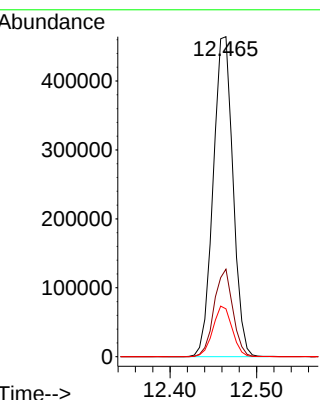
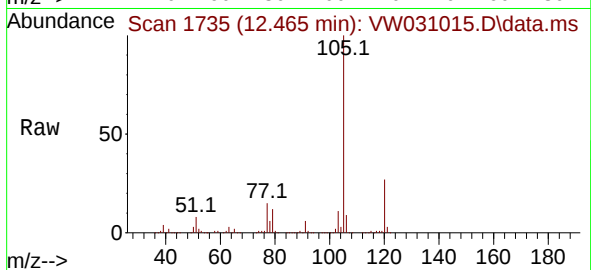
Tgt Ion:105 Resp: 738118

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 15.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 21.719 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

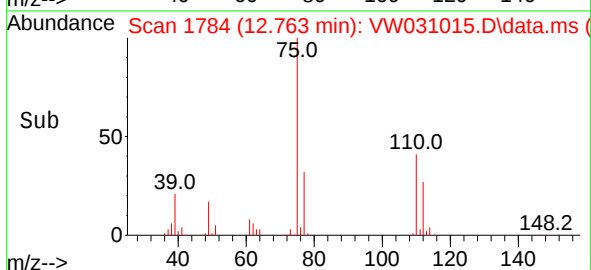
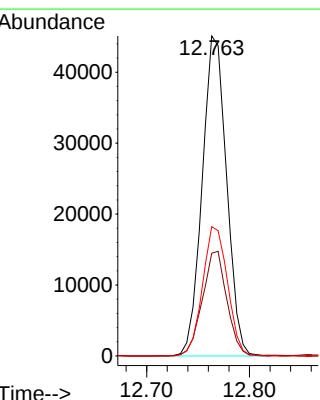
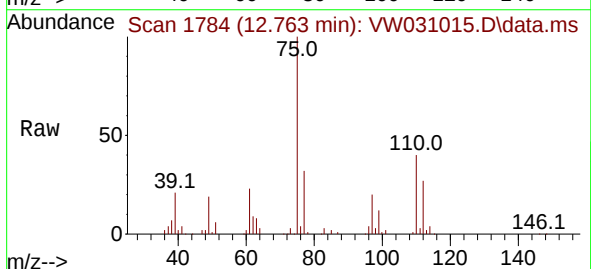
Tgt Ion: 75 Resp: 74358

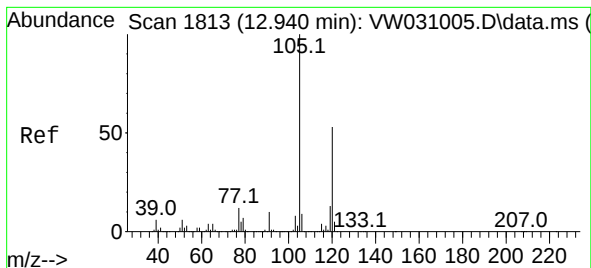
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

110 41.3 31.8 47.8

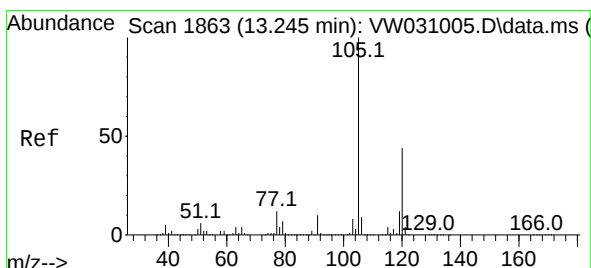
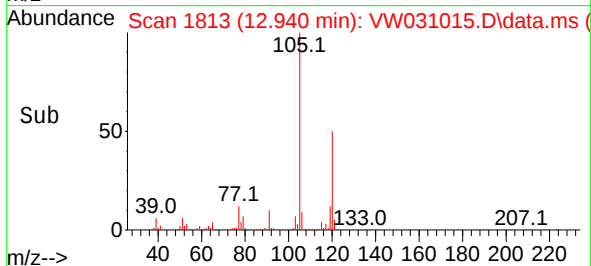
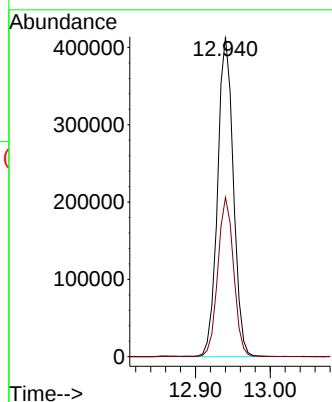
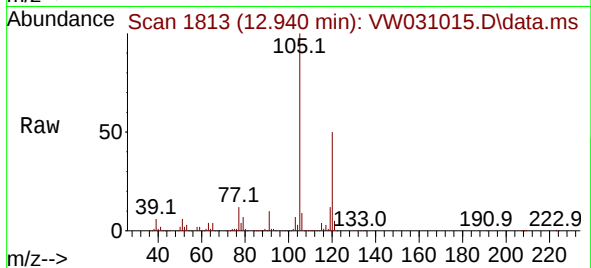




#62
1,3,5-Trimethylbenzene
Concen: 27.633 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

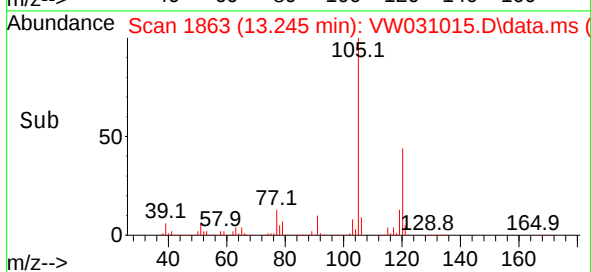
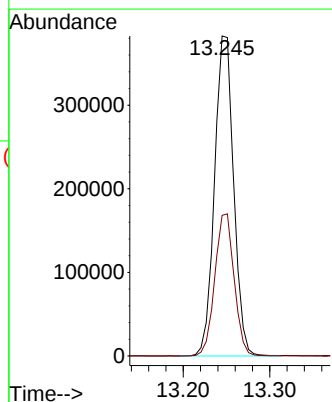
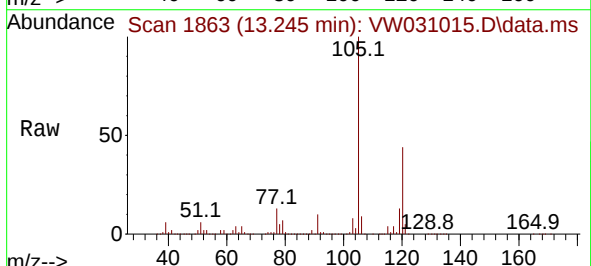
Instrument :
MSVOA_W
ClientSampleId :

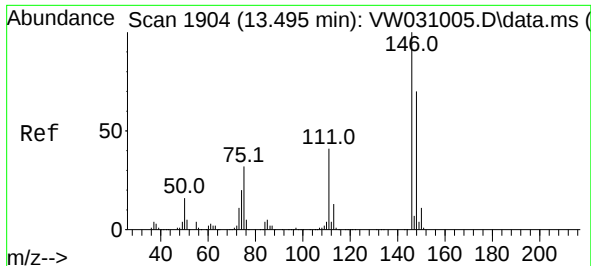
Tgt Ion:105 Resp: 606049
Ion Ratio Lower Upper
105 100
120 49.9 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 27.481 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

Tgt Ion:105 Resp: 586946
Ion Ratio Lower Upper
105 100
120 44.9 35.9 53.9

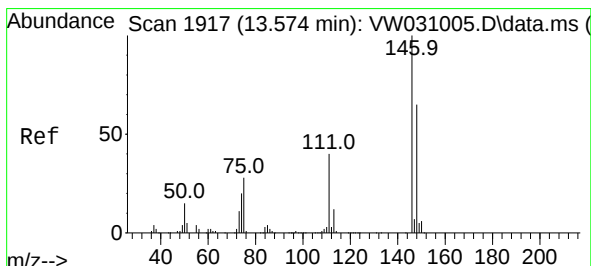
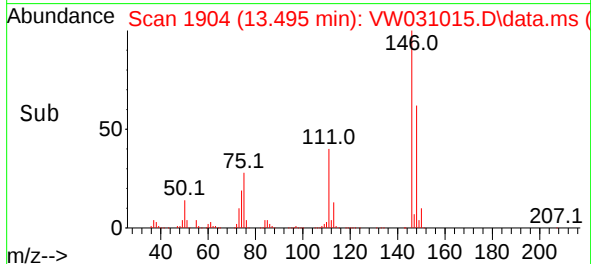
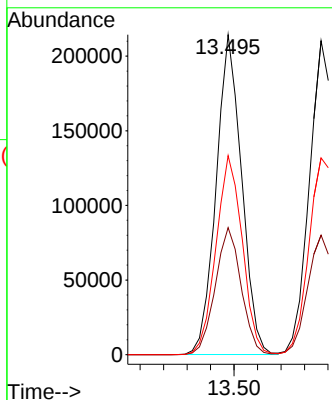
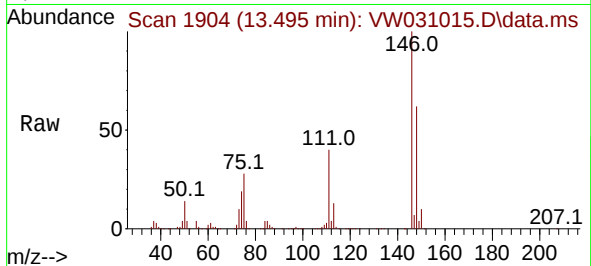




#64
1,3-Dichlorobenzene
Concen: 26.460 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

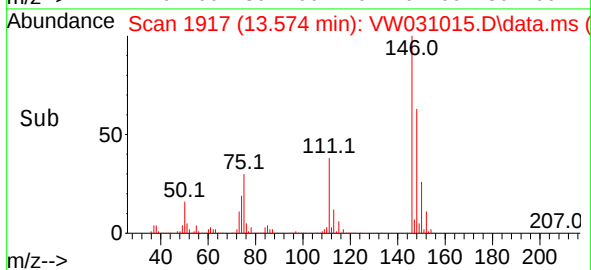
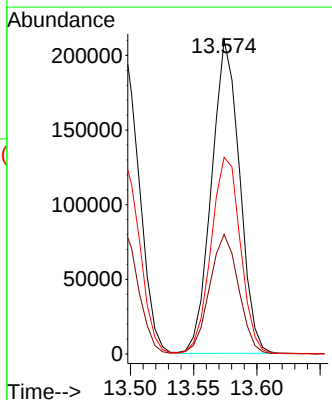
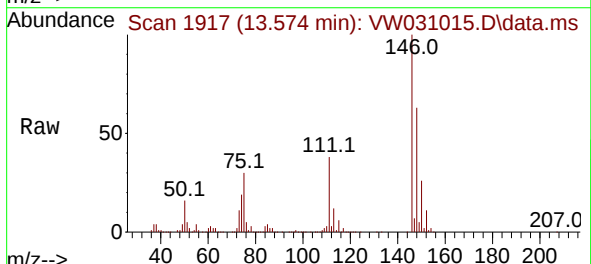
Instrument :
MSVOA_W
ClientSampleId :

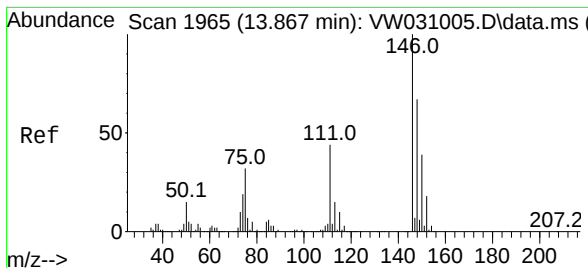
Tgt Ion:146 Resp: 323629
Ion Ratio Lower Upper
146 100
111 39.7 26.8 49.8
148 62.2 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 25.802 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

Tgt Ion:146 Resp: 323987
Ion Ratio Lower Upper
146 100
111 38.1 27.6 51.4
148 62.7 41.6 77.2

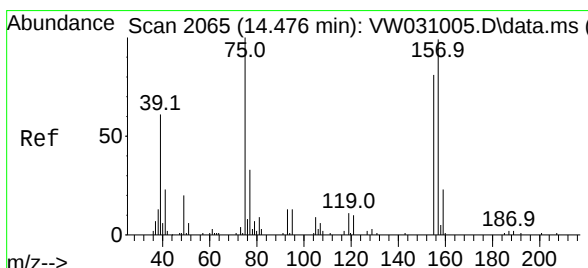
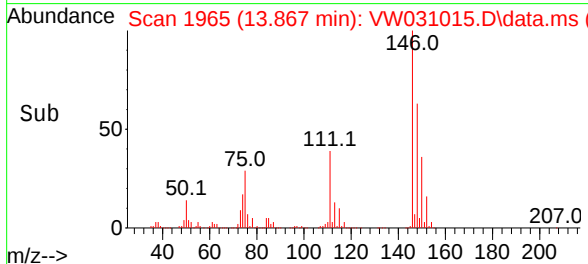
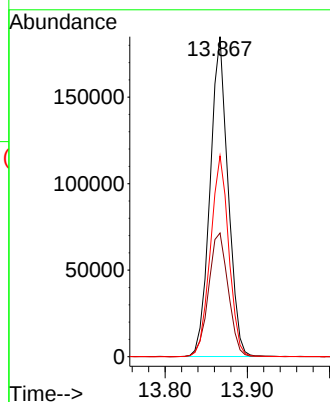
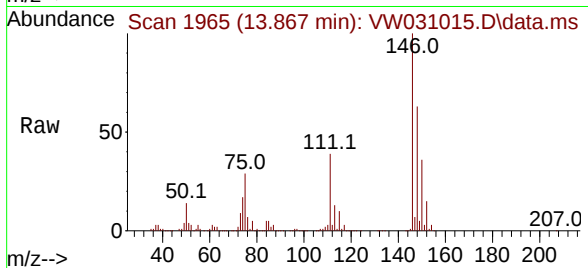




#67
1,2-Dichlorobenzene
Concen: 25.766 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

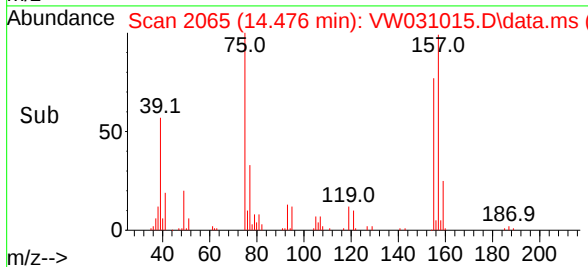
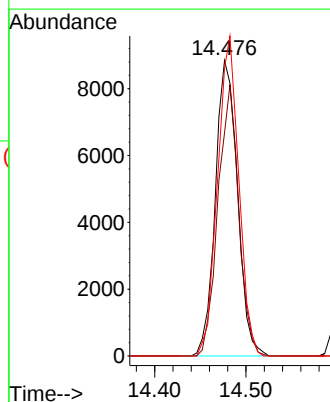
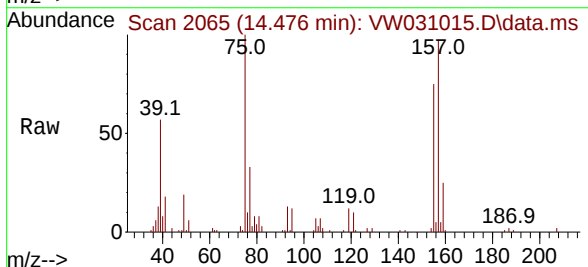
Instrument :
MSVOA_W
ClientSampleId :

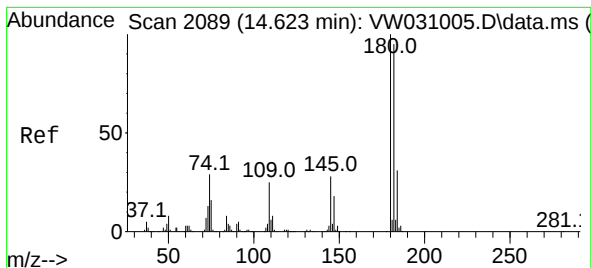
Tgt Ion:146 Resp: 280869
Ion Ratio Lower Upper
146 100
111 38.7 34.3 51.5
148 62.8 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 20.635 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031015.D
Acq: 14 Nov 2024 09:51

Tgt Ion: 75 Resp: 14957
Ion Ratio Lower Upper
75 100
155 75.5 56.2 84.2
157 97.3 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 27.558 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

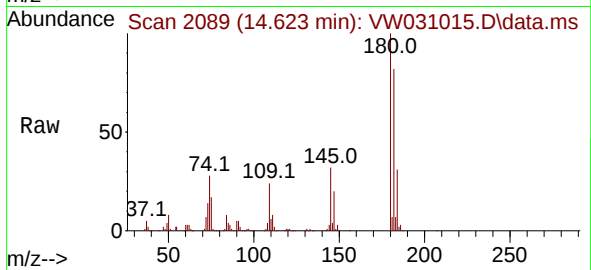
Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 223671

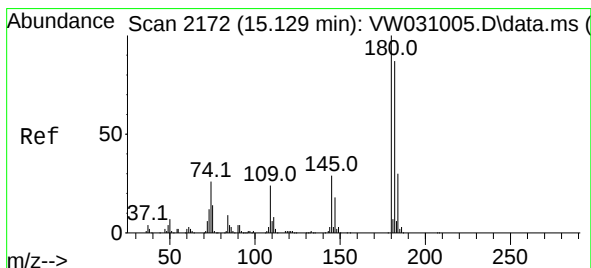
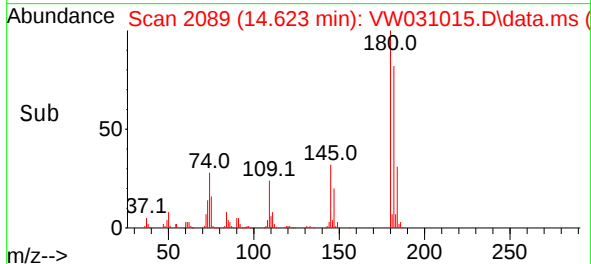
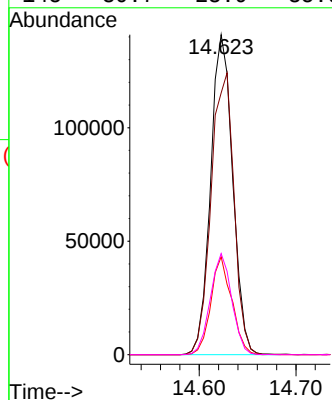
Ion Ratio Lower Upper

180 100

182 91.4 76.6 114.8

184 28.9 23.9 35.9

145 30.7 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 25.314 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

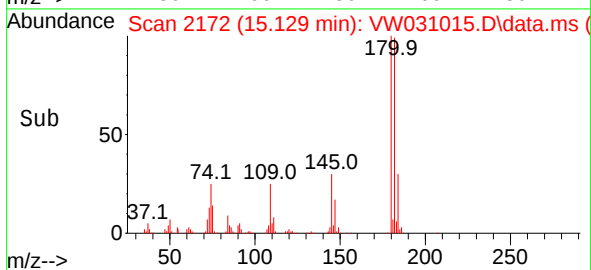
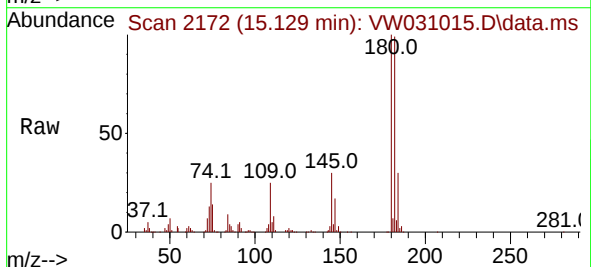
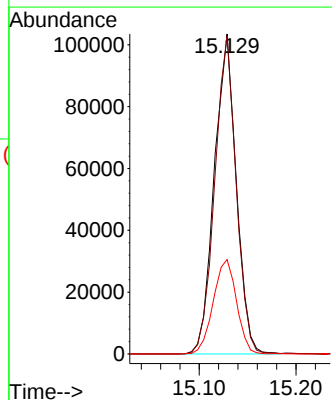
Tgt Ion:180 Resp: 163139

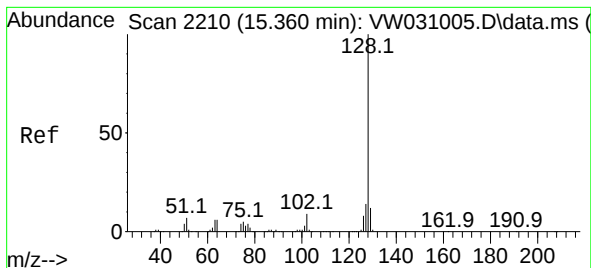
Ion Ratio Lower Upper

180 100

182 97.0 74.5 111.7

145 31.3 24.2 36.2





#71

Naphthalene

Concen: 23.332 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

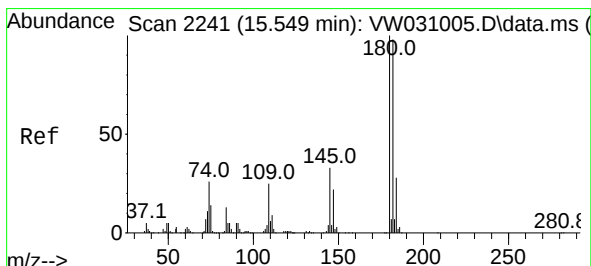
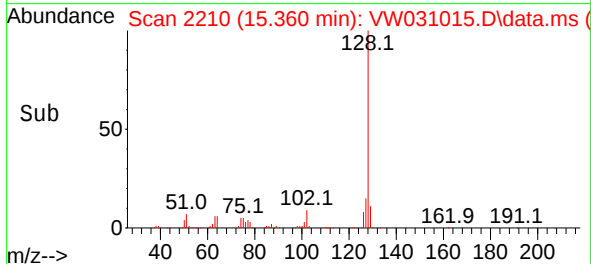
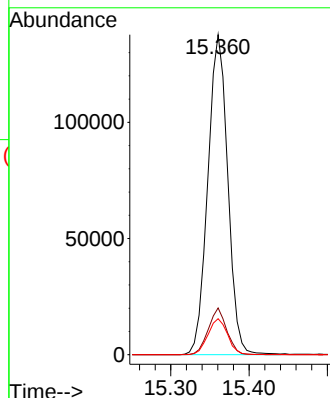
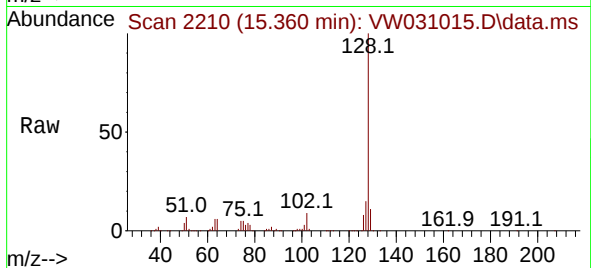
Tgt Ion:128 Resp: 243765

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 27.410 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031015.D

Acq: 14 Nov 2024 09:51

Tgt Ion:180 Resp: 152238

Ion Ratio Lower Upper

180 100

182 90.0 79.2 118.8

145 31.2 27.0 40.6

