

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030018.D
 Acq On : 23 Aug 2024 18:18
 Operator : SY/MD
 Sample : P3696-02MS
 Misc : 5.77g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 05:06:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 24 05:00:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	302143	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	156563	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	34652	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	59316	13.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.320%
7) Chloroethane-d5	2.899	69	53293	17.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	4.021	65	26202	13.382	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.520%
21) 2-Butanone-d5	7.075	46	56364	47.942	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.880%
24) Chloroform-d	7.648	84	147250	18.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.320%
26) 1,2-Dichloroethane-d4	8.307	65	88430	19.850	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	8.270	84	233971	27.658	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.640%
36) 1,2-Dichloropropane-d6	9.270	67	75082	27.796	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.200%
41) Toluene-d8	10.319	98	150909	20.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.240%
43) trans-1,3-Dichloroprop...	10.575	79	31990	29.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.080%
47) 2-Hexanone-d5	10.922	63	43662	98.030	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	196.060%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56988	28.414	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	19709	18.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.280%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	65732	16.140	ug/L #	88
3) Chloromethane	2.223	50	69301	13.751	ug/L	96
5) Vinyl chloride	2.375	62	88696	15.707	ug/L	97
6) Bromomethane	2.789	94	60031	19.360	ug/L	99
8) Chloroethane	2.936	64	58281	18.143	ug/L	95
9) Trichlorofluoromethane	3.265	101	83752	18.568	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	55708	12.401	ug/L	92
12) 1,1-Dichloroethene	4.045	96	70778	17.147	ug/L	86
13) Acetone	4.125	43	104731	71.682	ug/L	92
14) Carbon disulfide	4.393	76	163600	11.910	ug/L	98
15) Methyl Acetate	4.673	43	60070	24.684	ug/L #	86
16) Methylene chloride	4.923	84	109707	17.369	ug/L	85
17) trans-1,2-Dichloroethene	5.429	96	79415	17.854	ug/L	86
18) Methyl tert-butyl Ether	5.423	73	182660	24.916	ug/L	96
19) 1,1-Dichloroethane	6.222	63	161386	17.203	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	96219	19.942	ug/L	89
22) 2-Butanone	7.173	43	75431	40.293	ug/L	85
23) Bromochloromethane	7.514	128	45269	22.100	ug/L #	76
25) Chloroform	7.679	83	167207	18.918	ug/L	97

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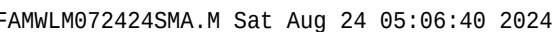
Instrument :
 MSVOA_W
 ClientSampleId :

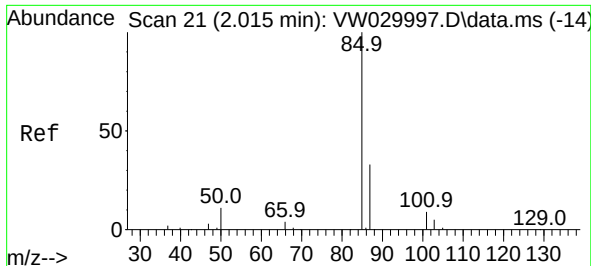
Quant Time: Aug 24 05:06:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 24 05:00:17 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123456	19.166	ug/L	98
29) Cyclohexane	7.953	56	47883	10.762	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	109477	27.613	ug/L	94
31) Carbon tetrachloride	8.069	117	85789	24.013	ug/L	100
33) Benzene	8.325	78	298896	27.863	ug/L	100
34) Trichloroethene	9.093	95	66171	23.530	ug/L	97
35) Methylcyclohexane	9.331	83	31623	6.749	ug/L	92
37) 1,2-Dichloropropane	9.368	63	78952	26.857	ug/L #	97
38) Bromodichloromethane	9.642	83	107669	30.757	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	122703	28.661	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	144479	77.376	ug/L #	88
42) Toluene	10.386	91	219382	20.035	ug/L	91
44) trans-1,3-Dichloropropene	10.605	75	106073	29.846	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	67786	34.324	ug/L	93
46) Tetrachloroethene	10.861	164	25026	12.244	ug/L	93
48) 2-Hexanone	10.965	43	102228	73.099	ug/L #	88
49) Dibromochloromethane	11.123	129	66268	32.323	ug/L	96
50) 1,2-Dibromoethane	11.233	107	62371	34.133	ug/L	97
51) Chlorobenzene	11.660	112	111814	16.417	ug/L	89
52) Ethylbenzene	11.727	91	145599	11.788	ug/L	98
53) m,p-Xylene	11.837	106	51151	11.261	ug/L	98
54) o-Xylene	12.160	106	50642	12.106	ug/L	95
55) Styrene	12.178	104	97328	13.423	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	64880	26.766	ug/L #	98
59) Bromoform	12.349	173	33681	64.596	ug/L	99
60) Isopropylbenzene	12.459	105	89843	16.755	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	52837	62.693	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	54641	13.710	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	55435	13.005	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	36453	15.934	ug/L	95
65) 1,4-Dichlorobenzene	13.568	146	36280	15.438	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	35788	17.182	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	9490	49.592	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.629	180	11620	7.424	ug/L	95
71) Naphthalene	15.360	128	44628	17.736	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	9297	7.789	ug/L #	71

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

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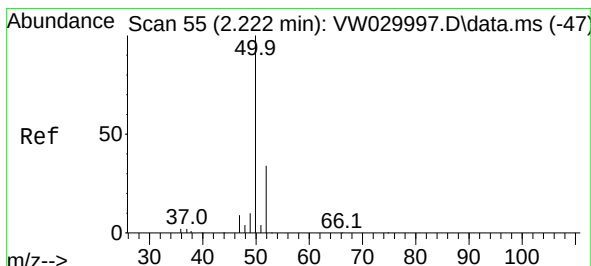
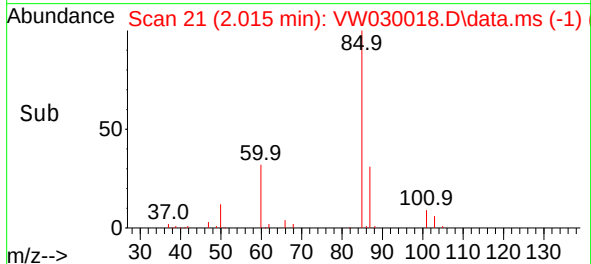
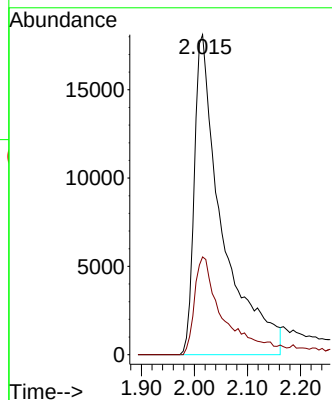
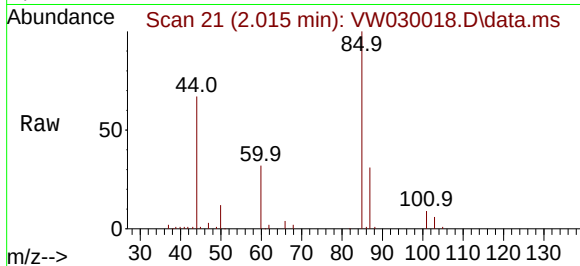




#2
 Dichlorodifluoromethane
 Concen: 16.140 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030018.D
 Acq: 23 Aug 2024 18:18

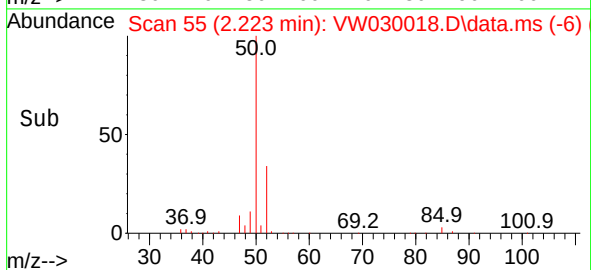
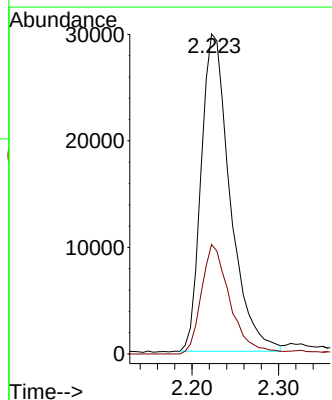
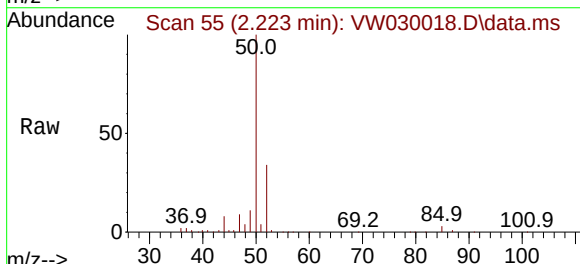
Instrument :
 MSVOA_W
 ClientSampleId :

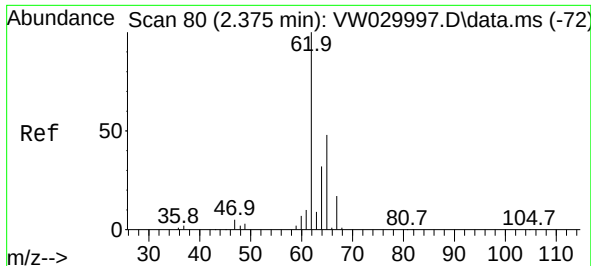
Tgt Ion: 85 Resp: 65732
 Ion Ratio Lower Upper
 85 100
 87 25.3 25.5 38.3#



#3
 Chloromethane
 Concen: 13.751 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030018.D
 Acq: 23 Aug 2024 18:18

Tgt Ion: 50 Resp: 69301
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.5 41.9

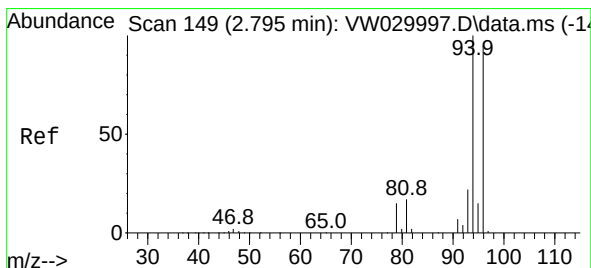
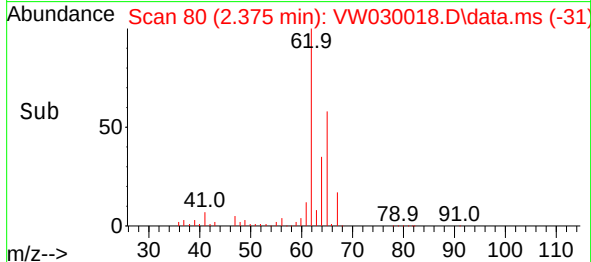
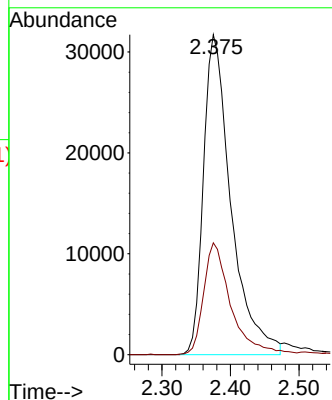
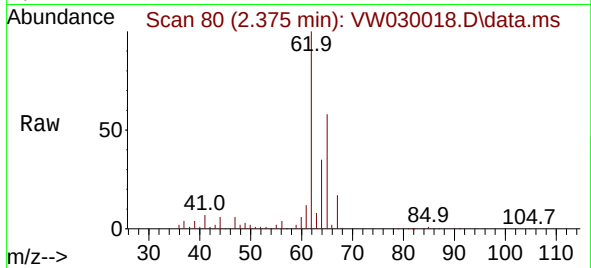




#5
 Vinyl chloride
 Concen: 15.707 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030018.D
 Acq: 23 Aug 2024 18:18

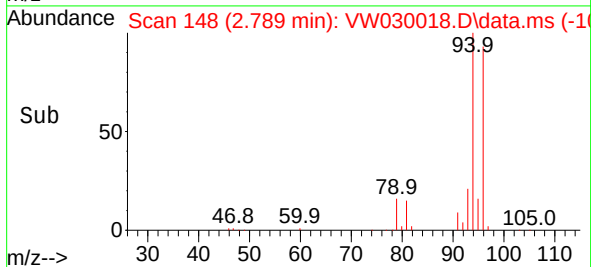
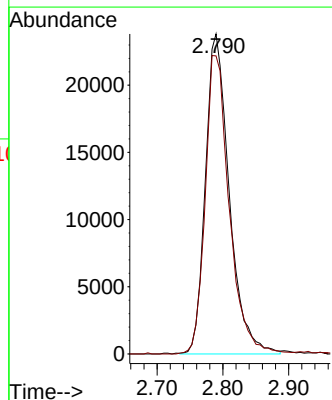
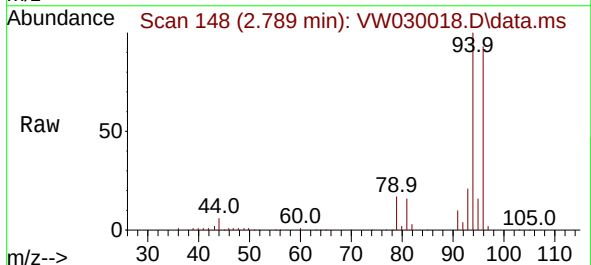
Instrument :
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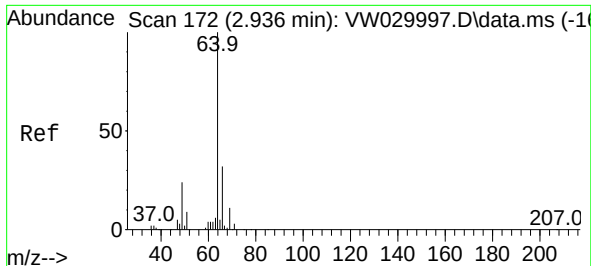
Tgt Ion: 62 Resp: 88696
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.2 43.2



#6
 Bromomethane
 Concen: 19.360 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030018.D
 Acq: 23 Aug 2024 18:18

Tgt Ion: 94 Resp: 60031
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.2 123.0

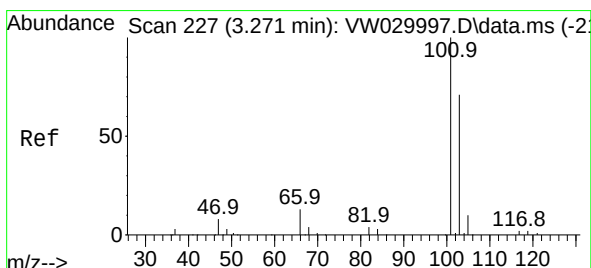
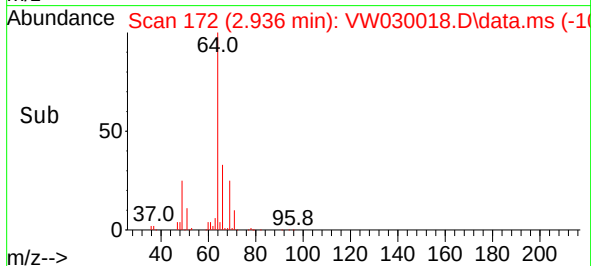
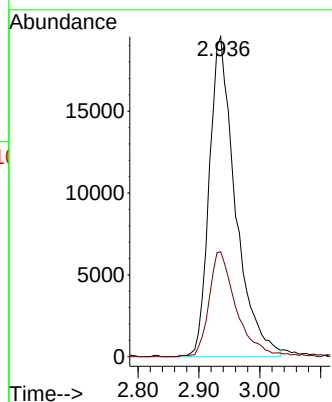
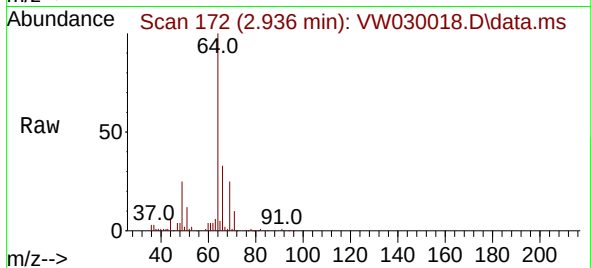




#8
Chloroethane
Concen: 18.143 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

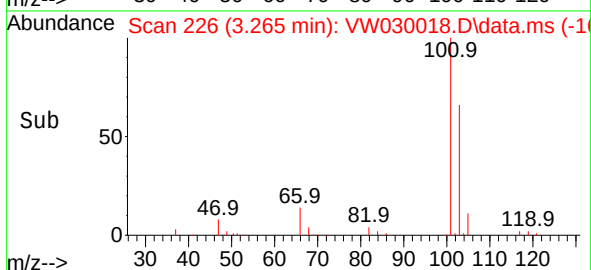
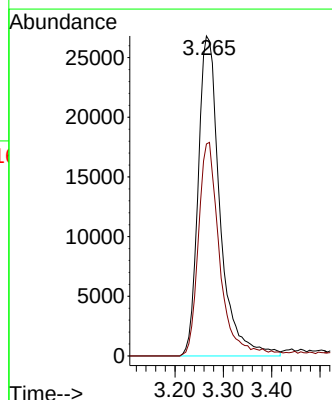
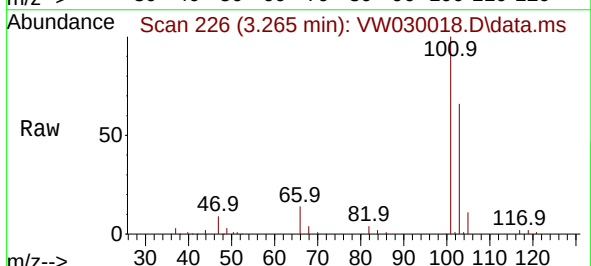
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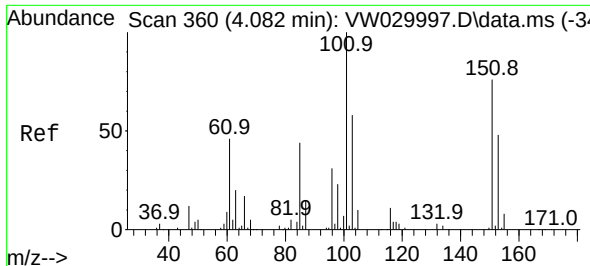
Tgt Ion: 64 Resp: 58281
Ion Ratio Lower Upper
64 100
66 32.8 21.2 39.4



#9
Trichlorofluoromethane
Concen: 18.568 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

Tgt Ion:101 Resp: 83752
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.4





#10

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

Concen: 12.401 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

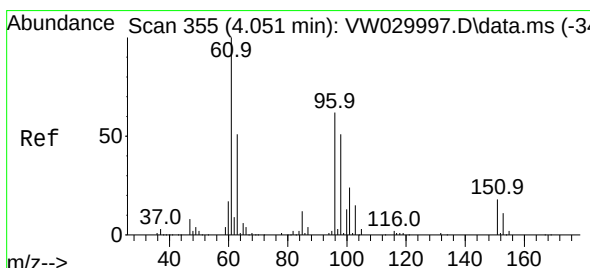
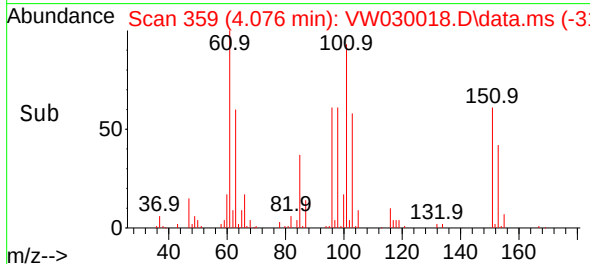
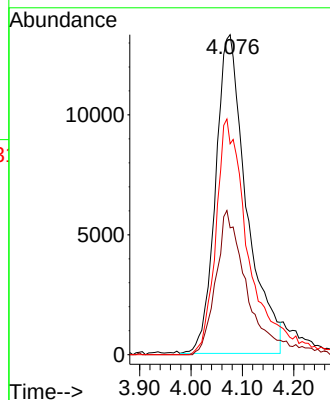
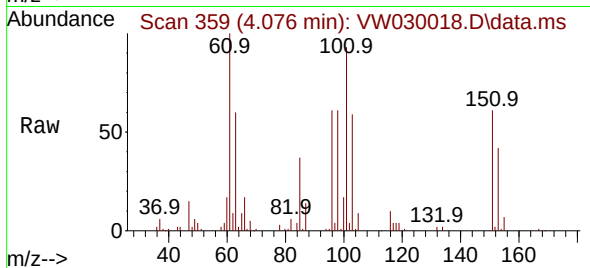
Tgt Ion:101 Resp: 55708

Ion Ratio Lower Upper

101 100

85 44.7 34.2 51.4

151 76.2 54.2 81.2



#12

1,1-Dichloroethene

Concen: 17.147 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

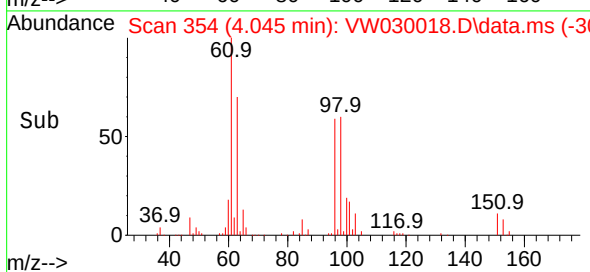
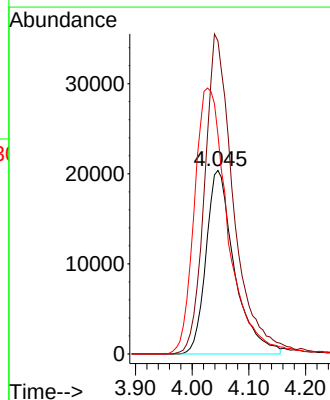
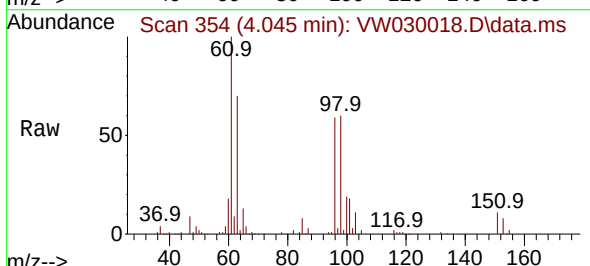
Tgt Ion: 96 Resp: 70778

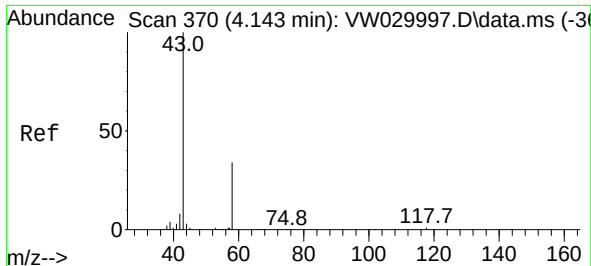
Ion Ratio Lower Upper

96 100

61 170.5 138.3 256.9

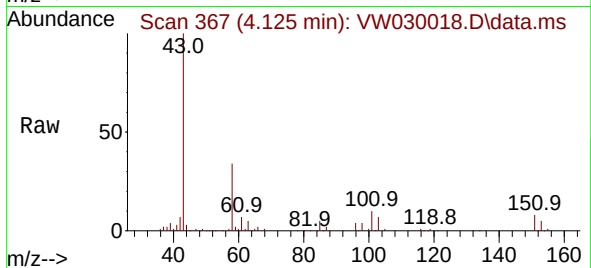
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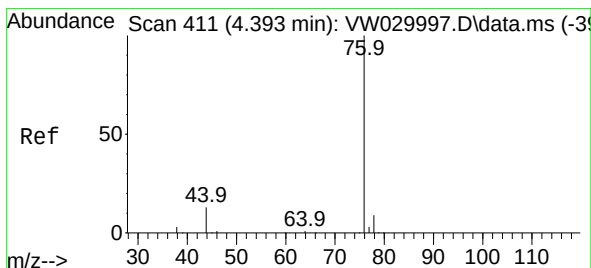
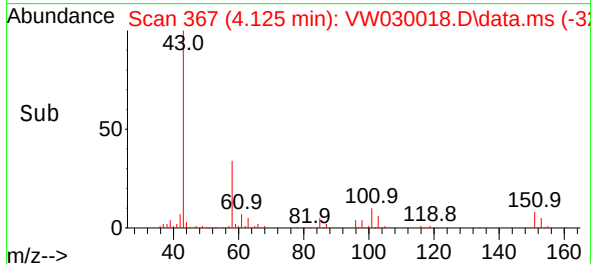
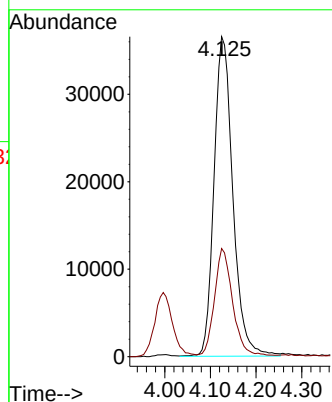


#13
Acetone
Concen: 71.682 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.018 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

Instrument :
MSVOA_W
ClientSampleId :

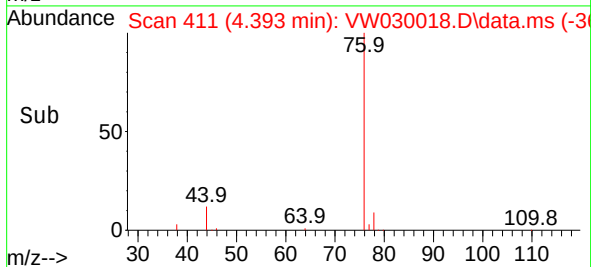
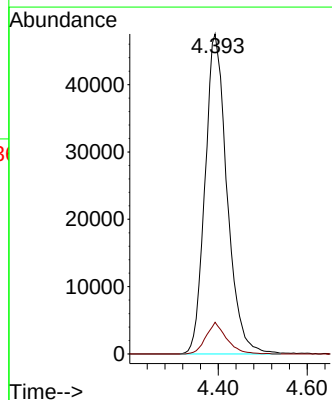
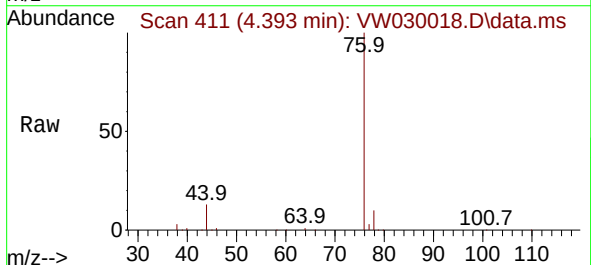


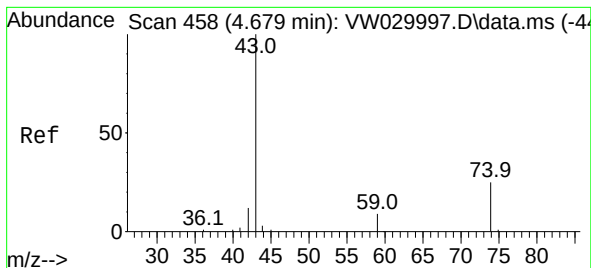
Tgt Ion: 43 Resp: 104731
Ion Ratio Lower Upper
43 100
58 33.2 0.0 57.6



#14
Carbon disulfide
Concen: 11.910 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

Tgt Ion: 76 Resp: 163600
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4





#15

Methyl Acetate

Concen: 24.684 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

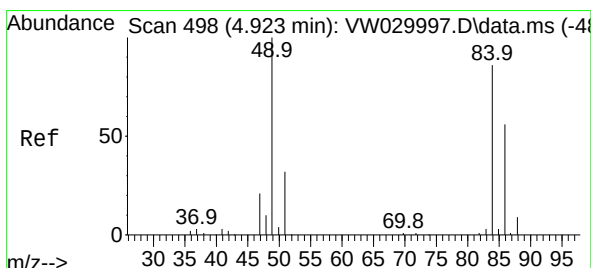
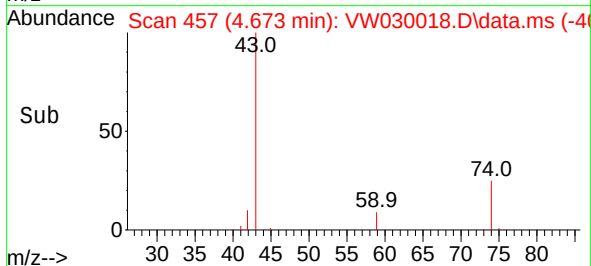
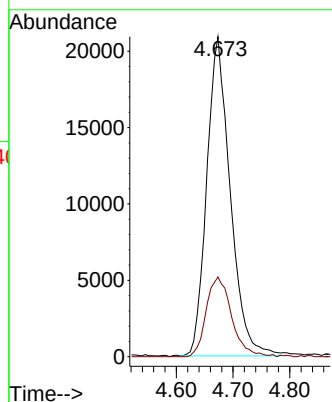
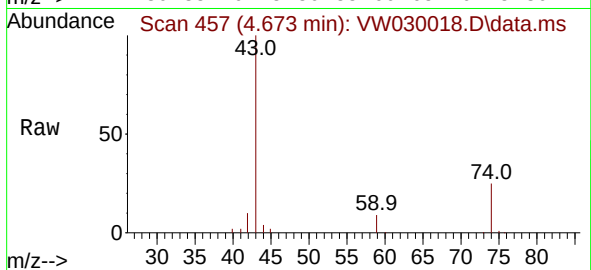
ClientSampleId :

Tgt Ion: 43 Resp: 60070

Ion Ratio Lower Upper

43 100

74 26.9 16.5 24.7#



#16

Methylene chloride

Concen: 17.369 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

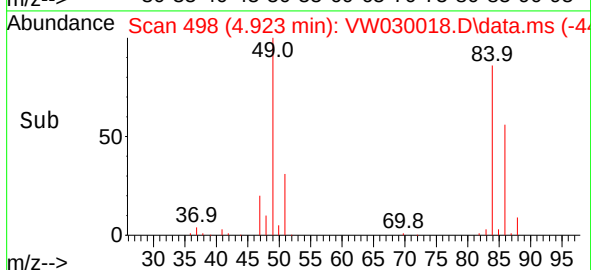
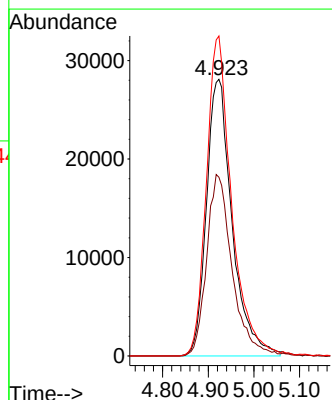
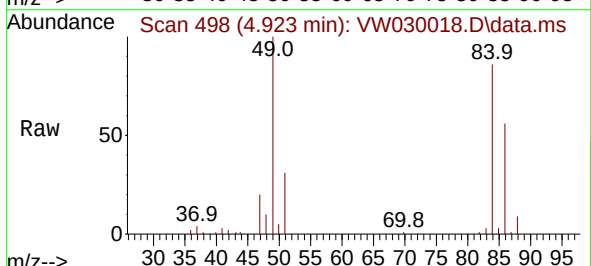
Tgt Ion: 84 Resp: 109707

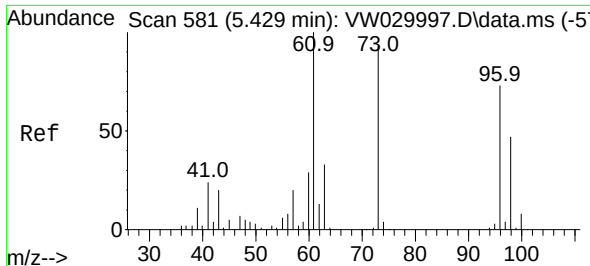
Ion Ratio Lower Upper

84 100

86 64.6 44.7 82.9

49 115.7 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 17.854 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

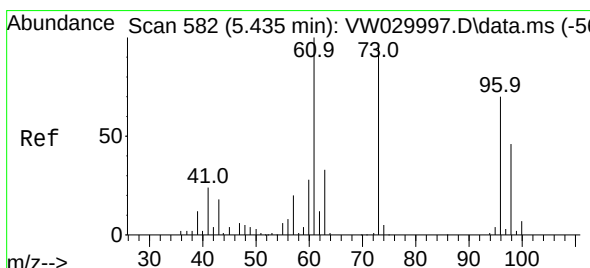
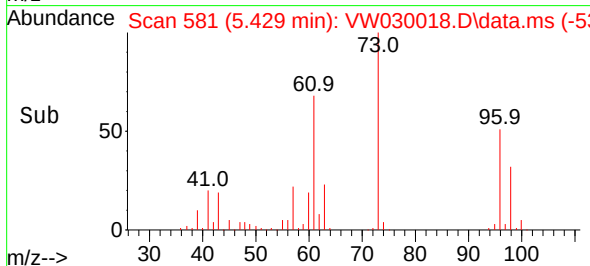
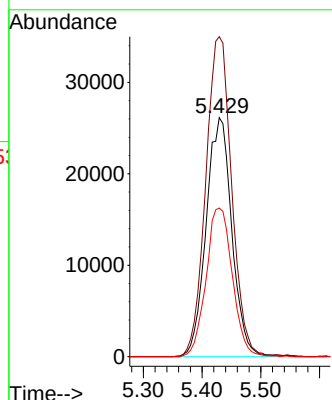
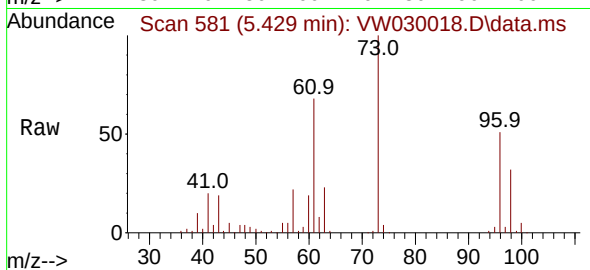
Tgt Ion: 96 Resp: 79415

Ion Ratio Lower Upper

96 100

61 133.8 111.2 206.6

98 62.2 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 24.916 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.012 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

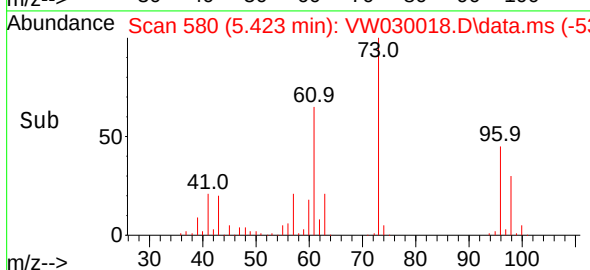
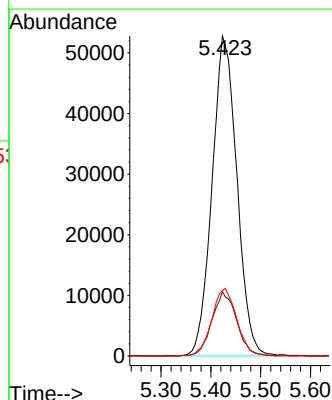
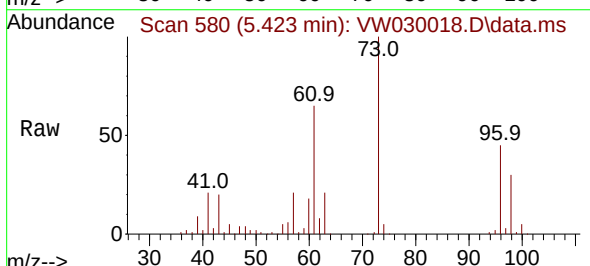
Tgt Ion: 73 Resp: 182660

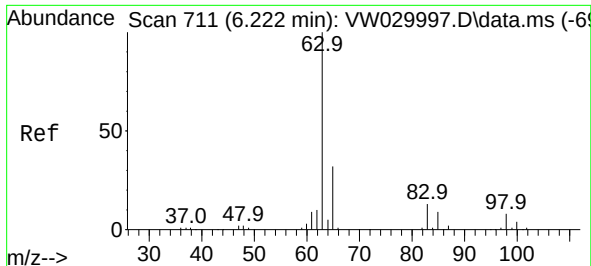
Ion Ratio Lower Upper

73 100

43 19.8 18.3 27.5

57 21.3 17.9 26.9

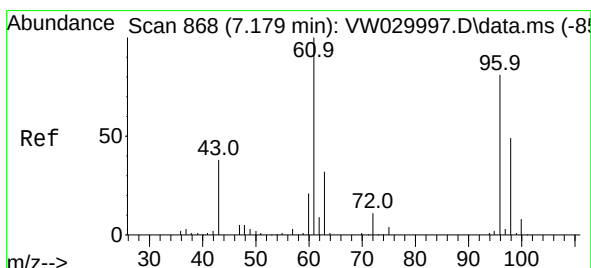
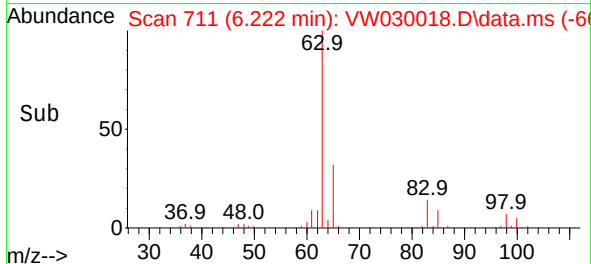
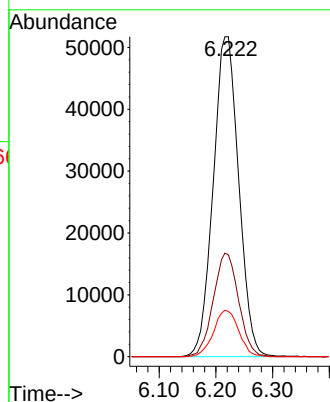
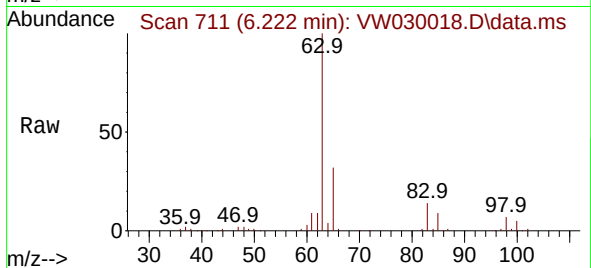




#19
1,1-Dichloroethane
Concen: 17.203 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

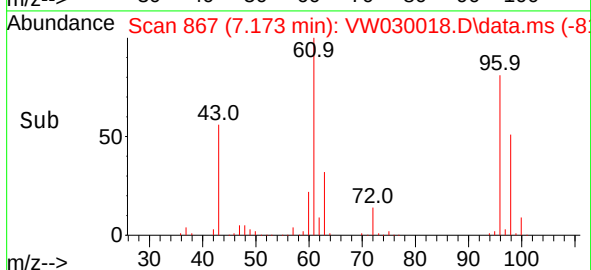
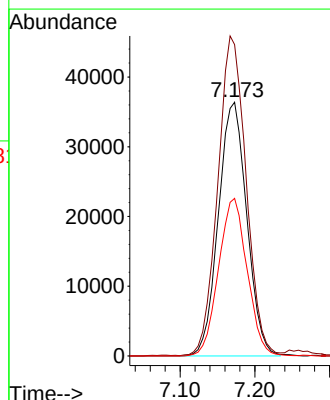
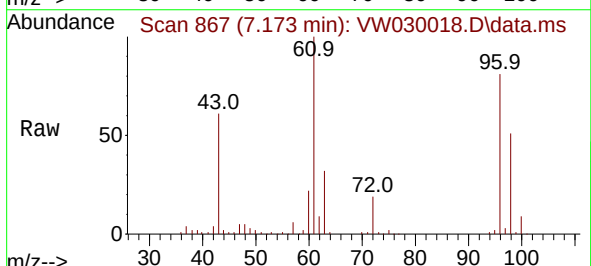
Instrument :
MSVOA_W
ClientSampleId :

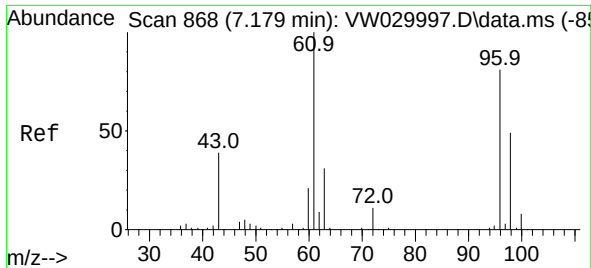
Tgt Ion: 63 Resp: 161386
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.3
83 14.1 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 19.942 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

Tgt Ion: 96 Resp: 96219
Ion Ratio Lower Upper
96 100
61 122.7 98.2 182.4
98 62.1 41.9 77.9





#22

2-Butanone

Concen: 40.293 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

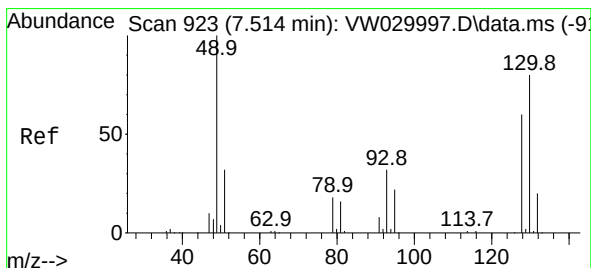
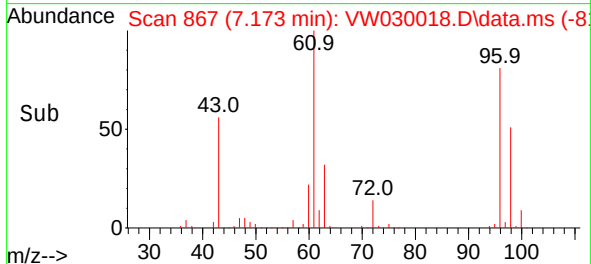
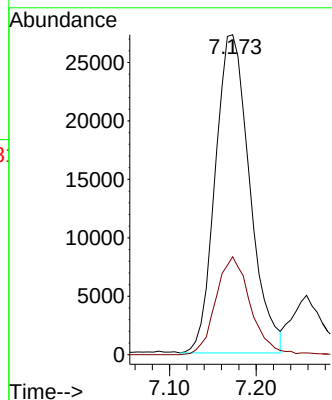
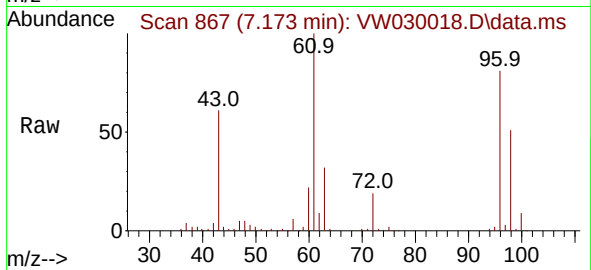
ClientSampleId :

Tgt Ion: 43 Resp: 75431

Ion Ratio Lower Upper

43 100

72 30.6 11.7 35.1



#23

Bromochloromethane

Concen: 22.100 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Tgt Ion: 128 Resp: 45269

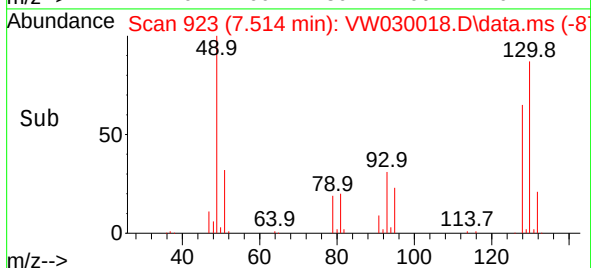
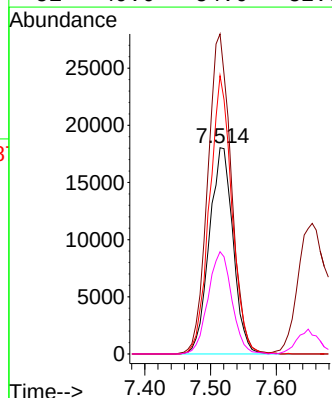
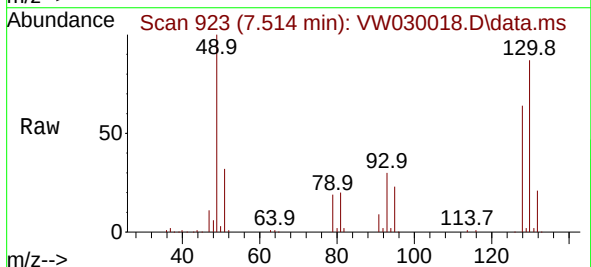
Ion Ratio Lower Upper

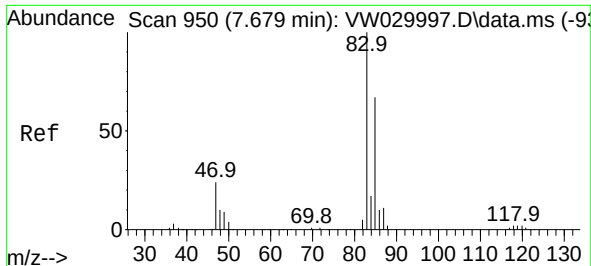
128 100

49 155.2 151.1 280.7

130 134.9 96.8 179.8

51 49.6 54.6 82.0#





#25

Chloroform

Concen: 18.918 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

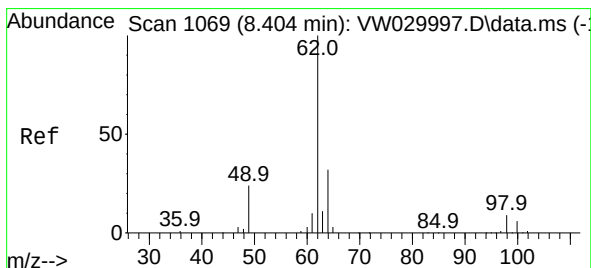
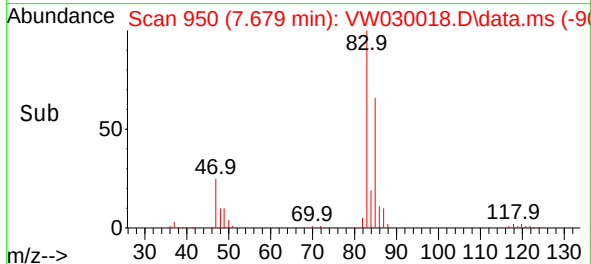
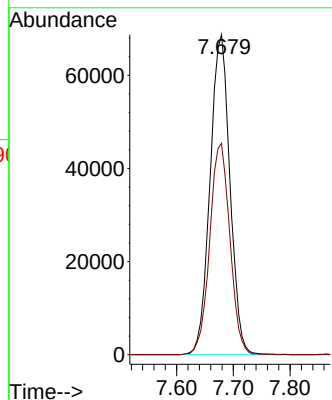
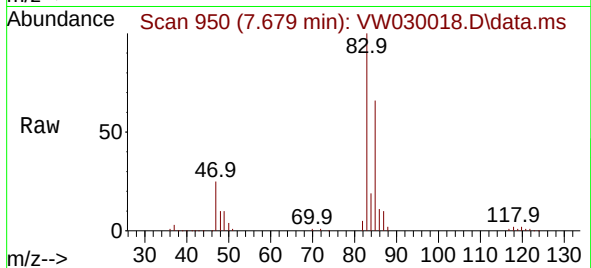
ClientSampleId :

Tgt Ion: 83 Resp: 167207

Ion Ratio Lower Upper

83 100

85 66.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 19.166 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW030018.D

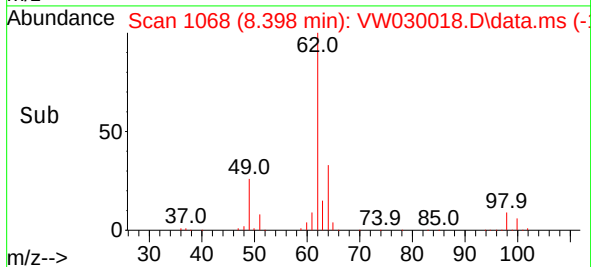
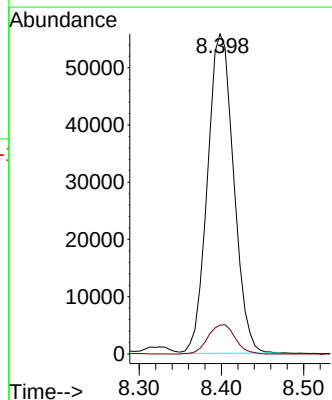
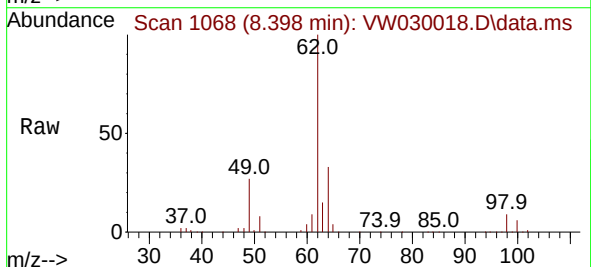
Acq: 23 Aug 2024 18:18

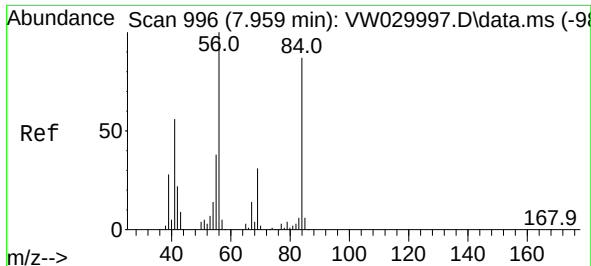
Tgt Ion: 62 Resp: 123456

Ion Ratio Lower Upper

62 100

98 9.0 6.6 10.0





#29

Cyclohexane

Concen: 10.762 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

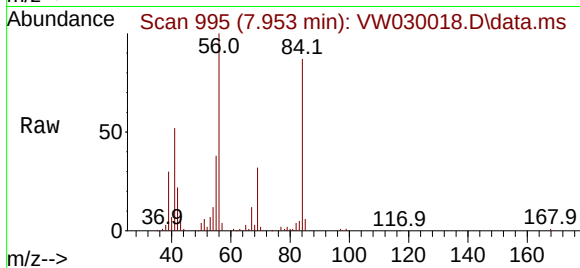
Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :



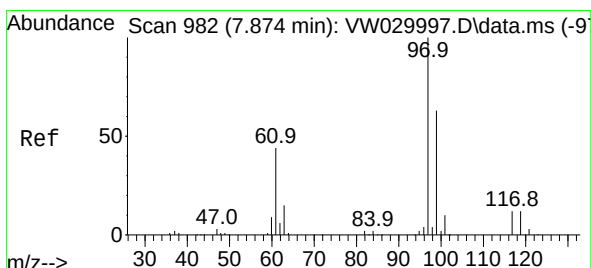
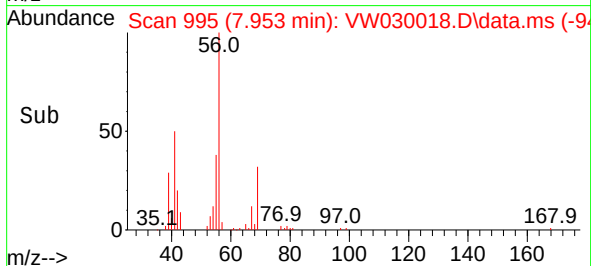
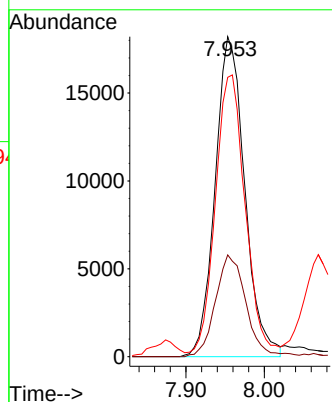
Tgt Ion: 56 Resp: 47883

Ion Ratio Lower Upper

56 100

69 32.2 23.0 34.4

84 89.5 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 27.613 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

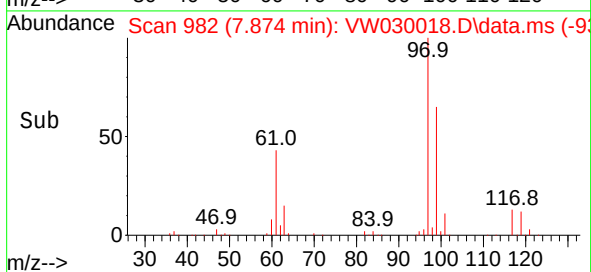
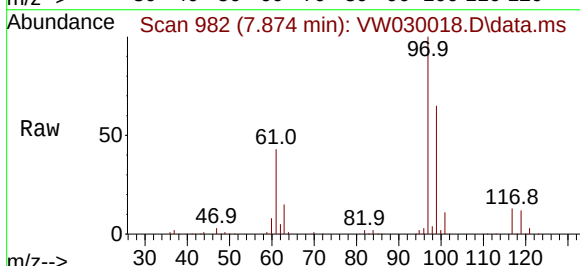
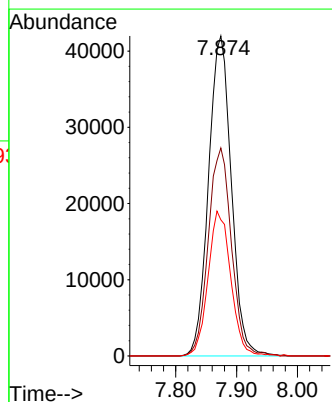
Tgt Ion: 97 Resp: 109477

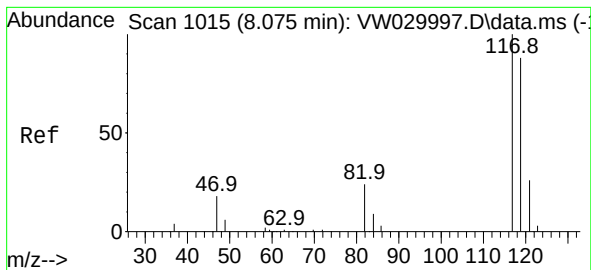
Ion Ratio Lower Upper

97 100

99 65.7 52.1 78.1

61 45.0 42.6 63.8





#31

Carbon tetrachloride

Concen: 24.013 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

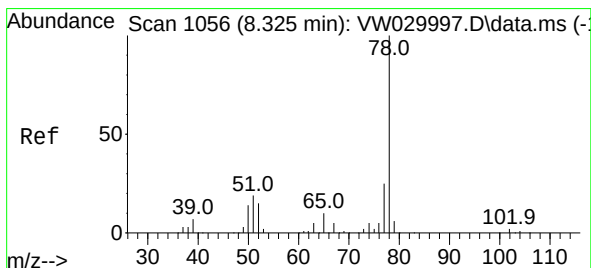
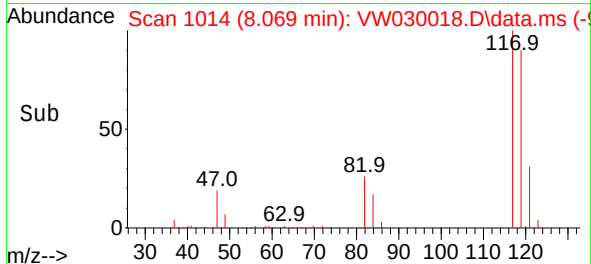
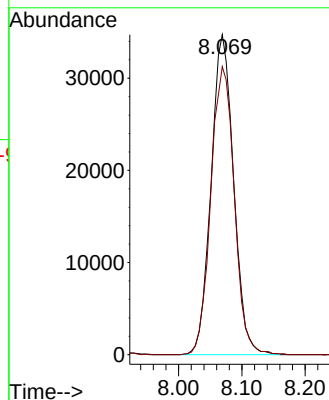
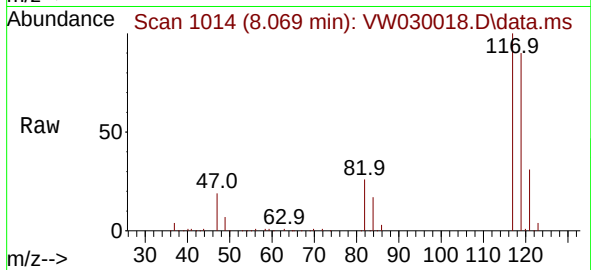
ClientSampleId :

Tgt Ion:117 Resp: 85789

Ion Ratio Lower Upper

117 100

119 93.3 74.8 112.2



#33

Benzene

Concen: 27.863 ug/L

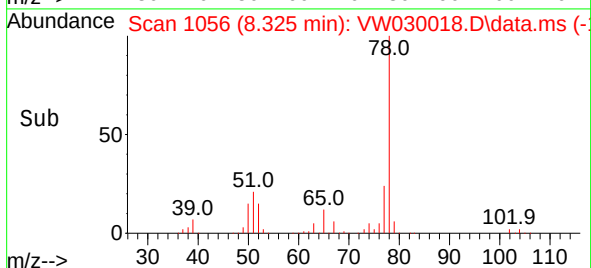
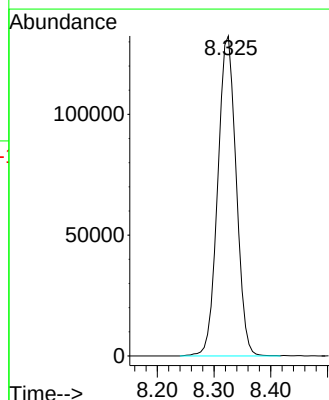
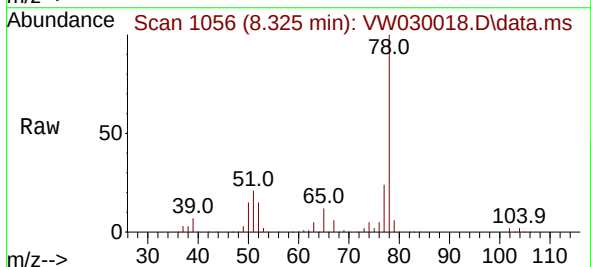
RT: 8.325 min Scan# 1056

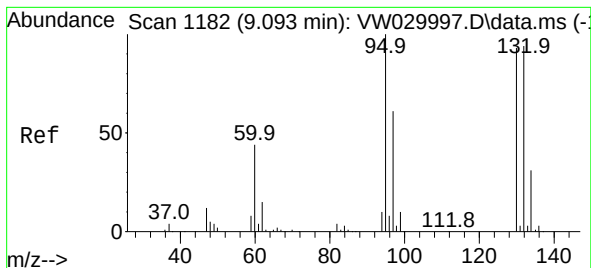
Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Tgt Ion: 78 Resp: 298896





#34

Trichloroethene

Concen: 23.530 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 66171

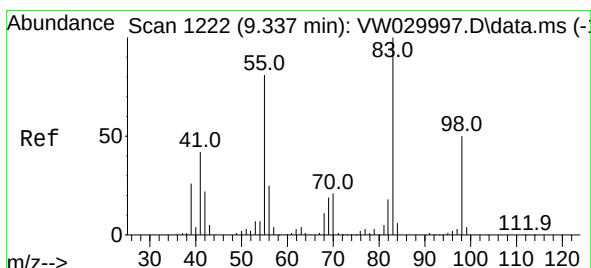
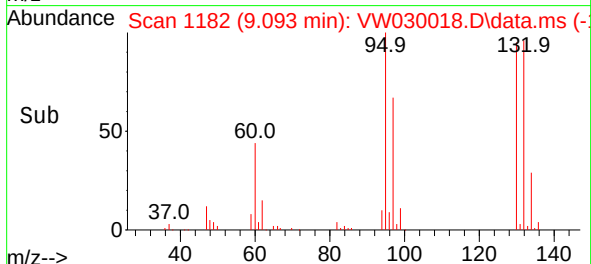
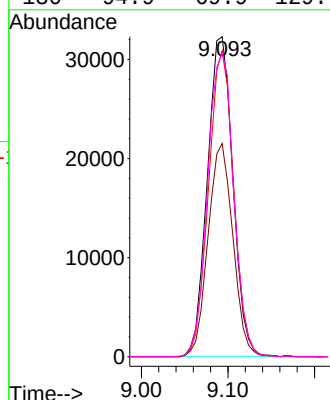
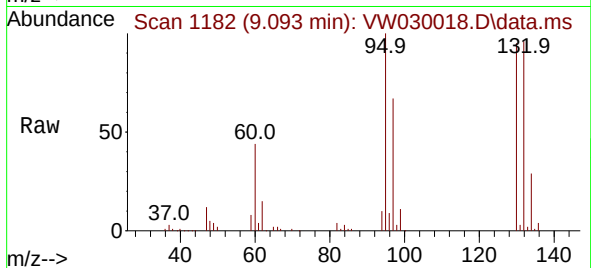
Ion Ratio Lower Upper

95 100

97 66.6 45.6 84.8

132 95.6 65.2 121.0

130 94.9 69.9 129.7



#35

Methylcyclohexane

Concen: 6.749 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

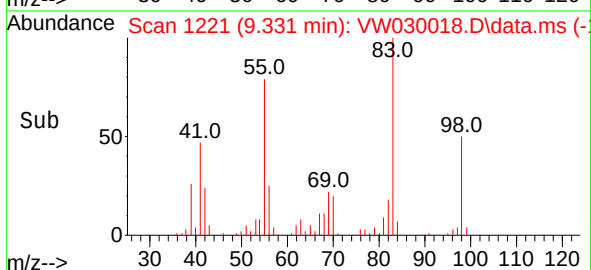
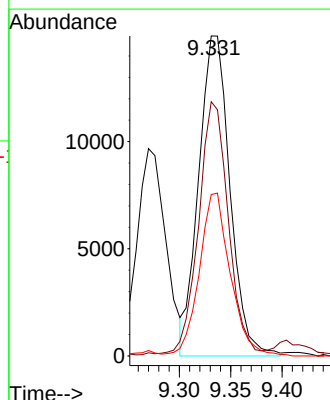
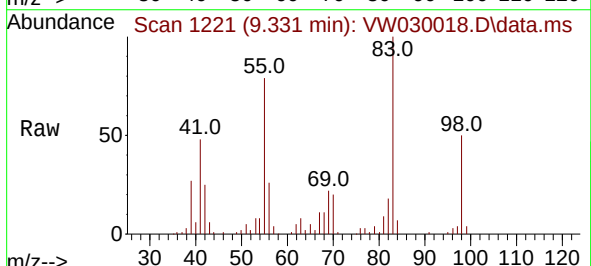
Tgt Ion: 83 Resp: 31623

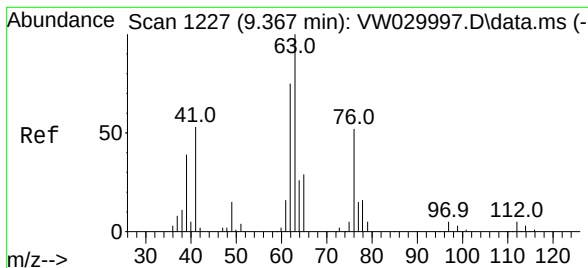
Ion Ratio Lower Upper

83 100

55 76.1 67.4 101.2

98 50.5 36.7 55.1





#37

1,2-Dichloropropane

Concen: 26.857 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

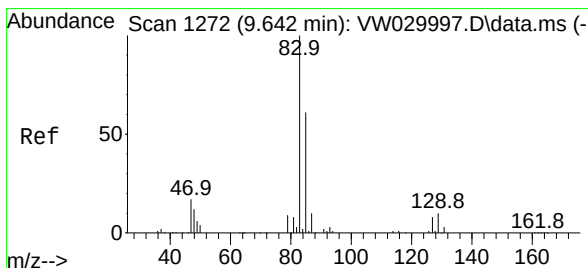
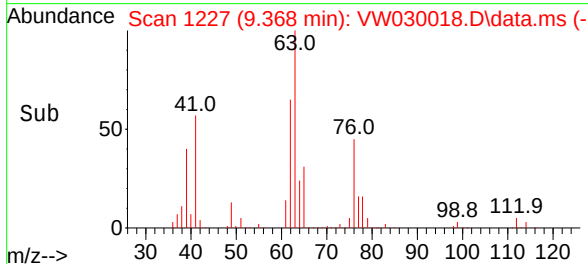
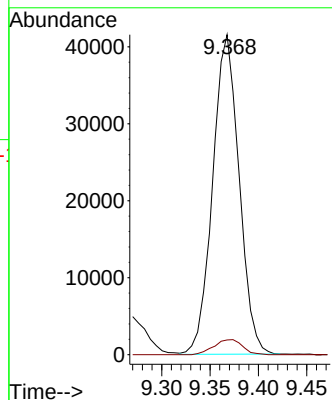
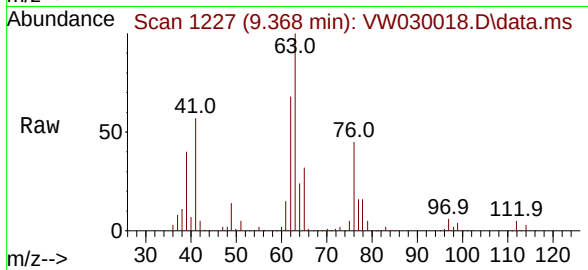
ClientSampleId :

Tgt Ion: 63 Resp: 78952

Ion Ratio Lower Upper

63 100

112 5.1 3.3 4.9#



#38

Bromodichloromethane

Concen: 30.757 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

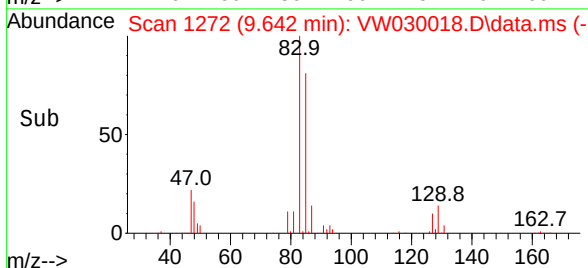
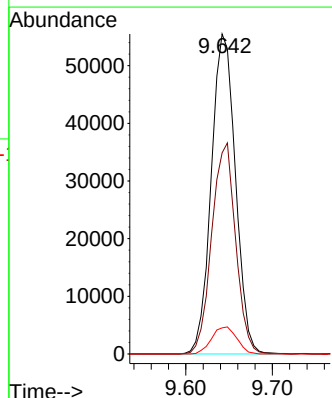
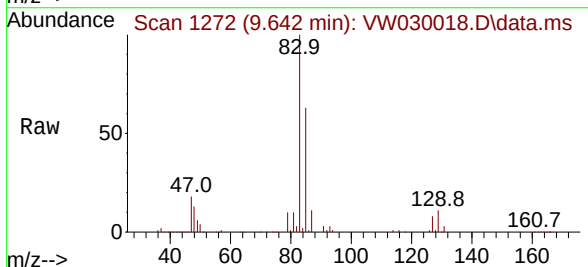
Tgt Ion: 83 Resp: 107669

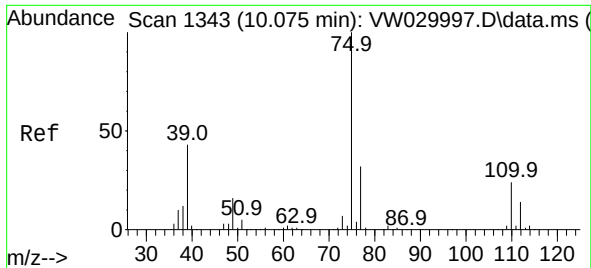
Ion Ratio Lower Upper

83 100

85 62.8 46.6 86.6

127 8.2 5.9 8.9

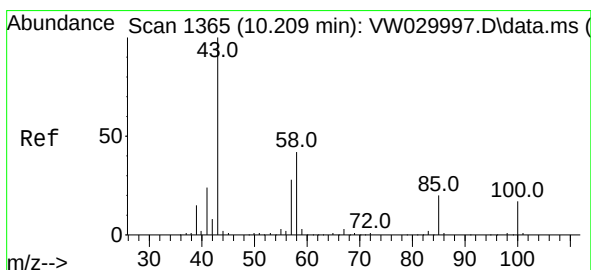
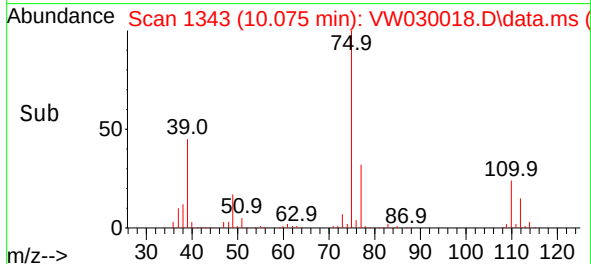
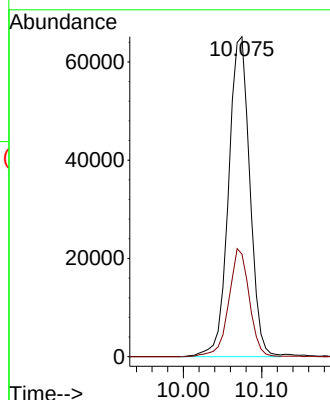
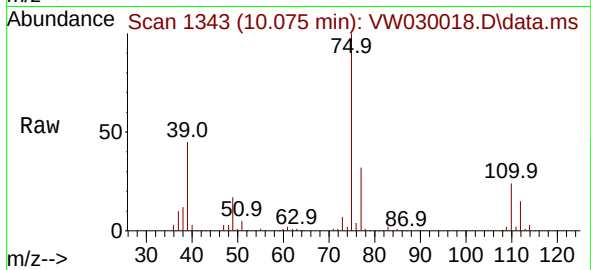




#39
cis-1,3-Dichloropropene
Concen: 28.661 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

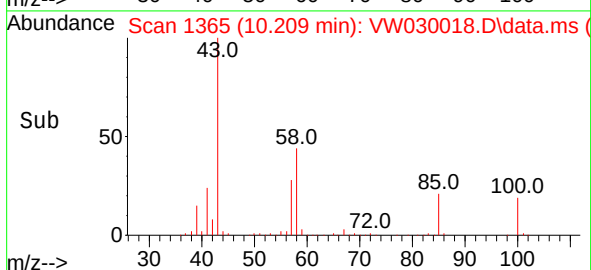
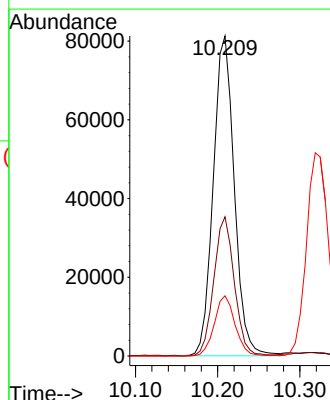
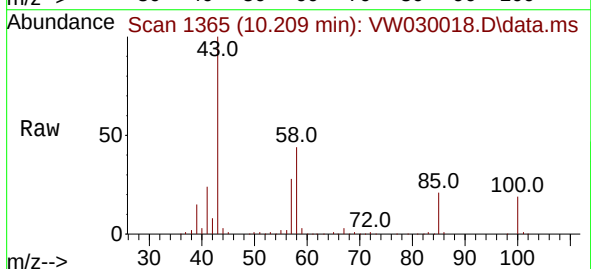
Instrument :
MSVOA_W
ClientSampleId :

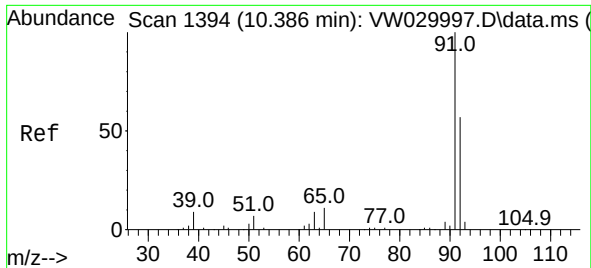
Tgt Ion: 75 Resp: 122703
Ion Ratio Lower Upper
75 100
77 32.1 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 77.376 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

Tgt Ion: 43 Resp: 144479
Ion Ratio Lower Upper
43 100
58 42.5 28.7 43.1
100 18.6 10.0 15.0#

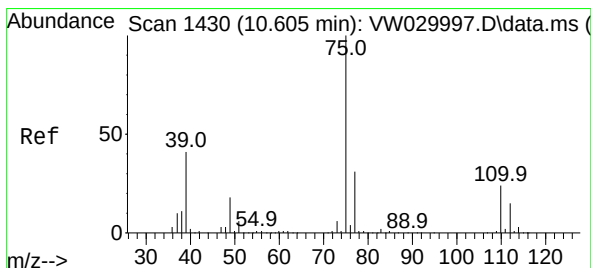
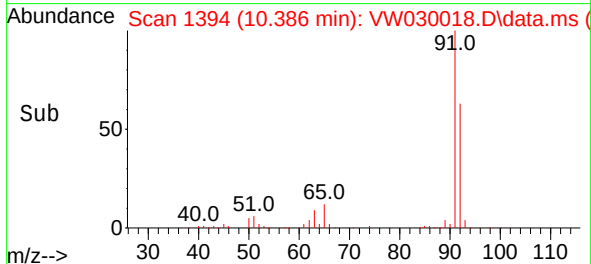
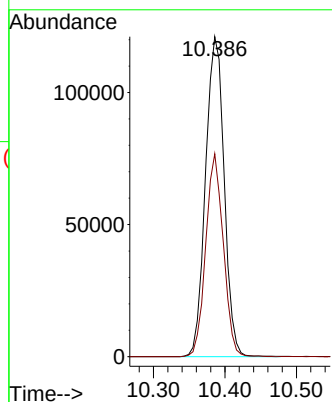
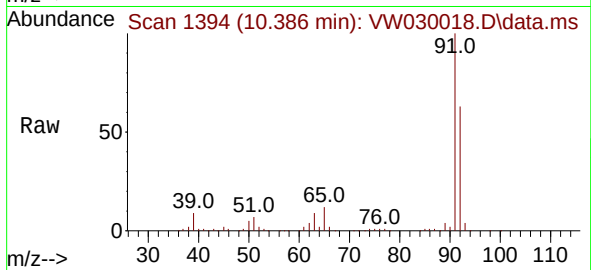




#42
Toluene
Concen: 20.035 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

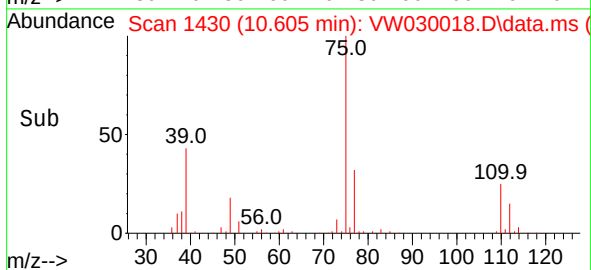
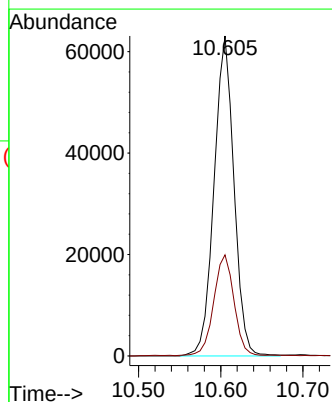
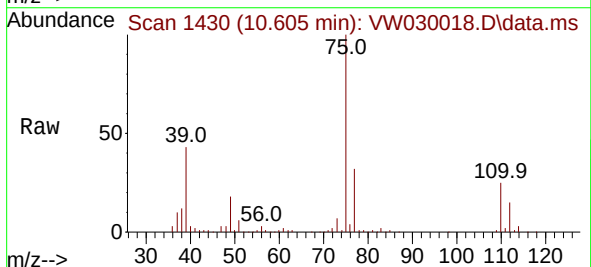
Instrument :
MSVOA_W
ClientSampleId :

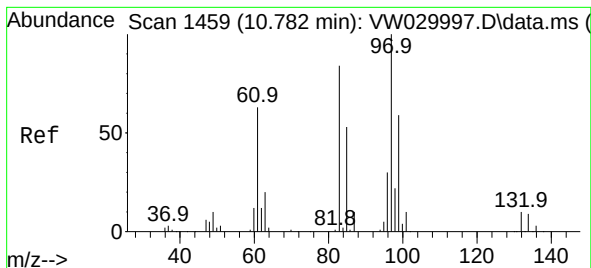
Tgt Ion: 91 Resp: 219382
Ion Ratio Lower Upper
91 100
92 63.4 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 29.846 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

Tgt Ion: 75 Resp: 106073
Ion Ratio Lower Upper
75 100
77 31.6 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 34.324 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 67786

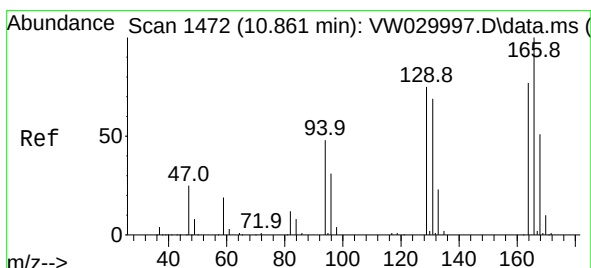
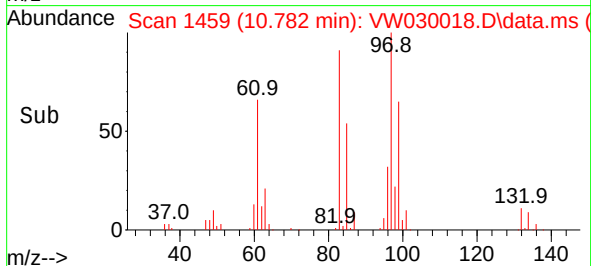
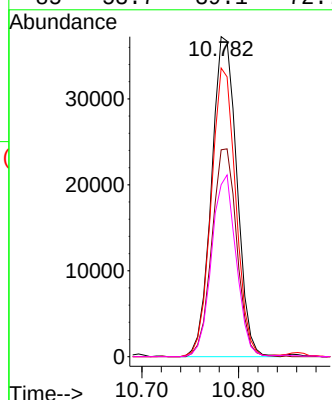
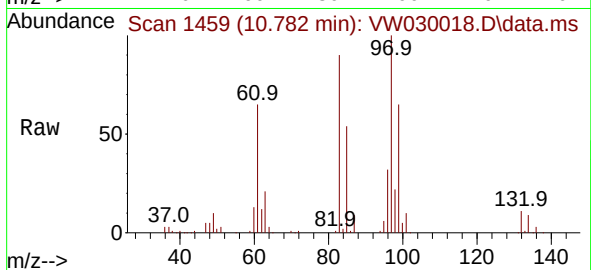
Ion Ratio Lower Upper

97 100

99 64.7 40.1 74.5

83 90.2 58.5 108.7

85 53.7 39.1 72.7



#46

Tetrachloroethene

Concen: 12.244 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Tgt Ion:164 Resp: 25026

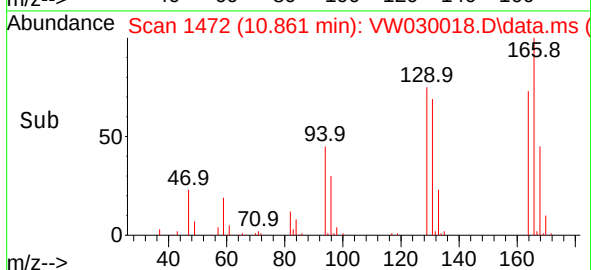
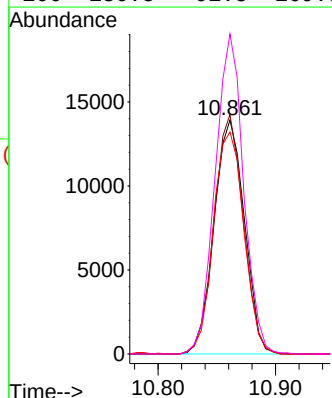
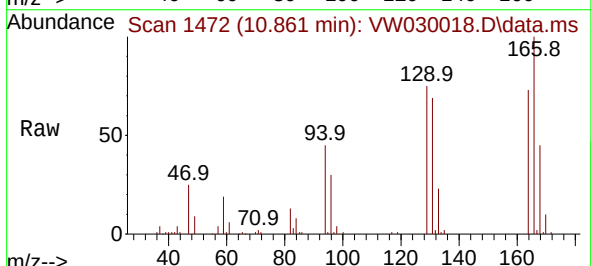
Ion Ratio Lower Upper

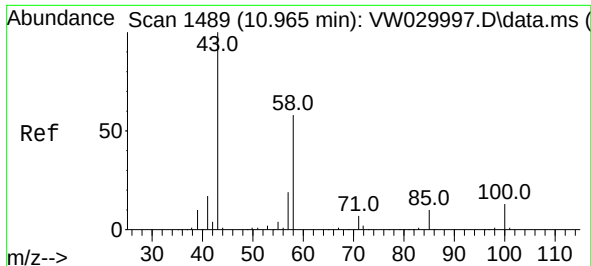
164 100

129 102.4 77.8 144.6

131 94.8 70.9 131.7

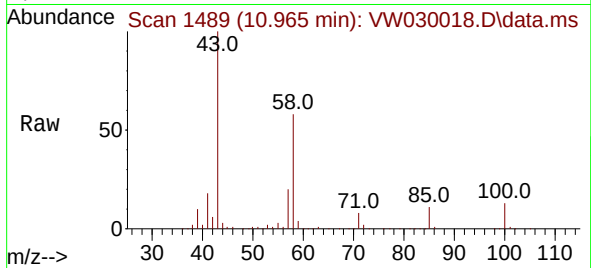
166 136.8 91.5 169.9



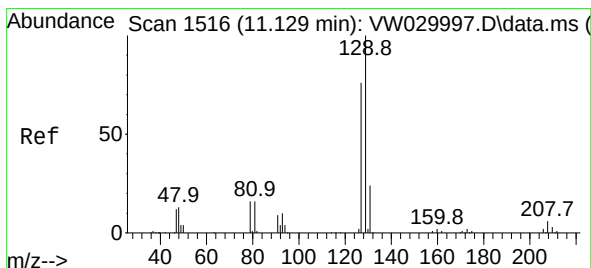
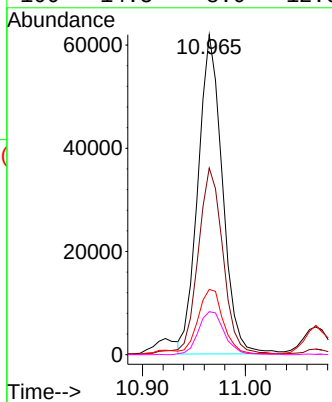
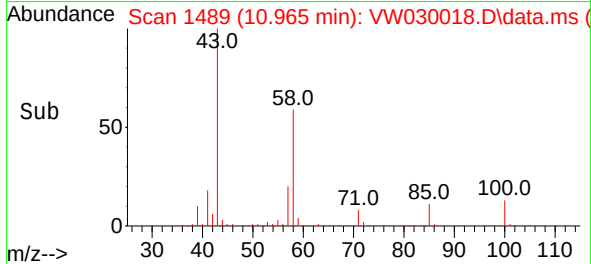


#48
2-Hexanone
Concen: 73.099 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

Instrument :
MSVOA_W
ClientSampleId :

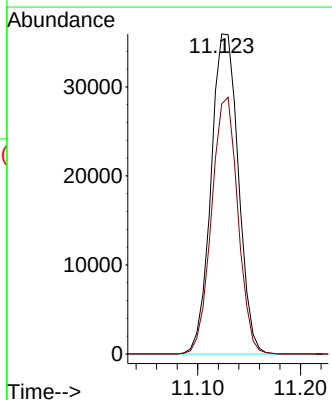
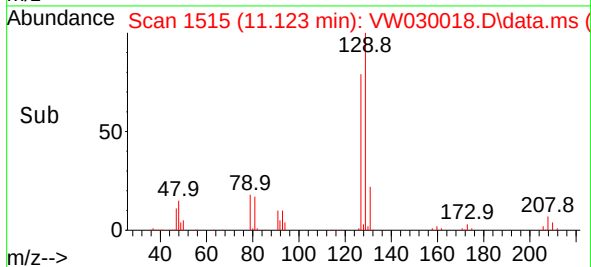
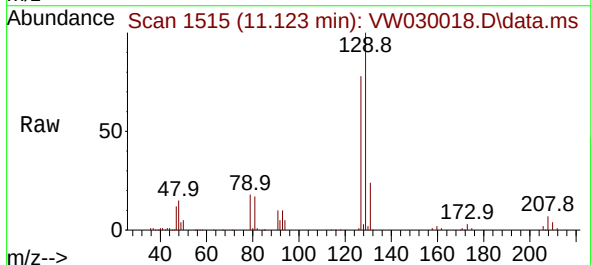


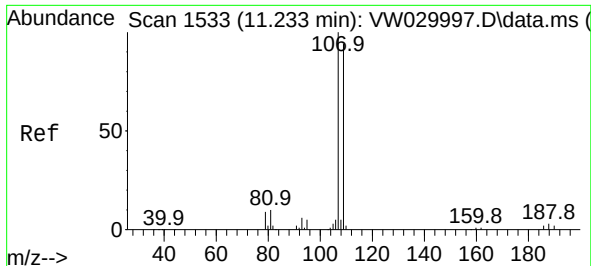
Tgt Ion: 43 Resp: 102228
Ion Ratio Lower Upper
43 100
58 60.6 41.0 61.4
57 21.5 14.1 21.1#
100 14.3 8.0 12.0#



#49
Dibromochloromethane
Concen: 32.323 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

Tgt Ion:129 Resp: 66268
Ion Ratio Lower Upper
129 100
127 78.1 52.4 97.2





#50

1,2-Dibromoethane

Concen: 34.133 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

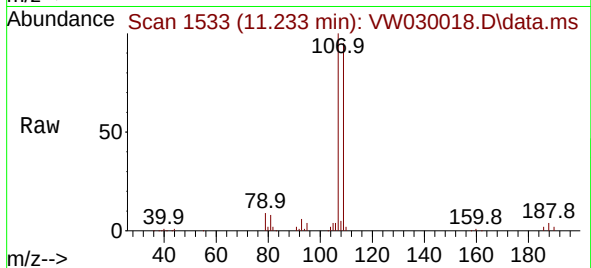
Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

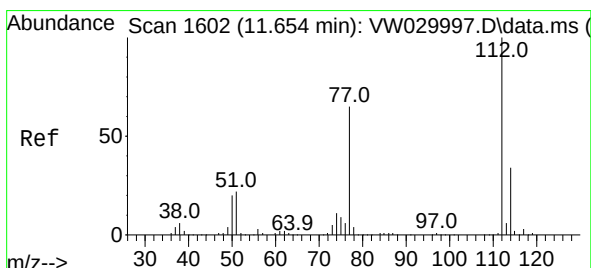
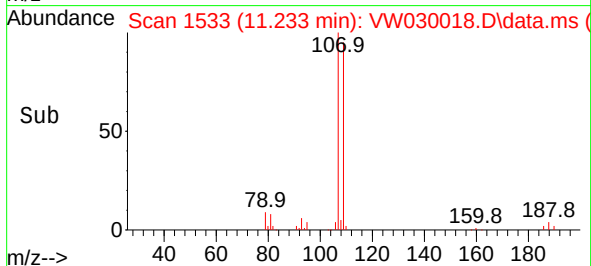
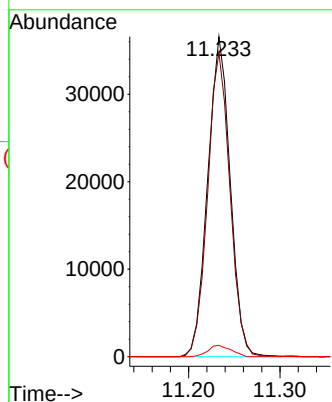
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	62371
Ion Ratio	Lower	Upper	
107	100		
109	95.1	64.8	120.3
188	3.5	2.7	4.1



#51

Chlorobenzene

Concen: 16.417 ug/L

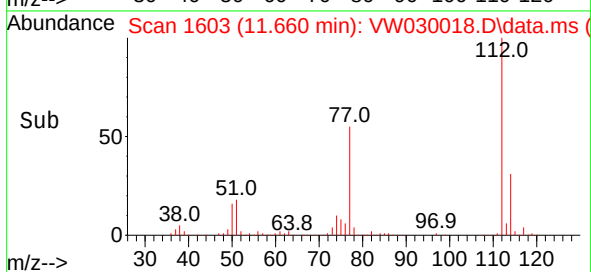
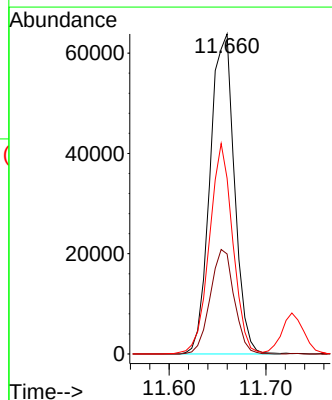
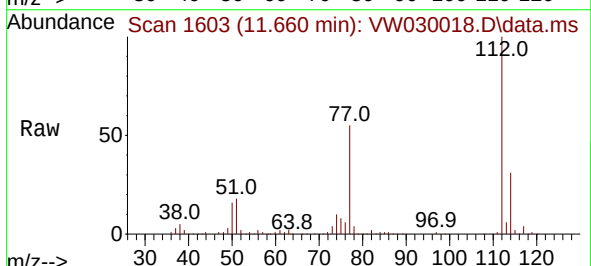
RT: 11.660 min Scan# 1603

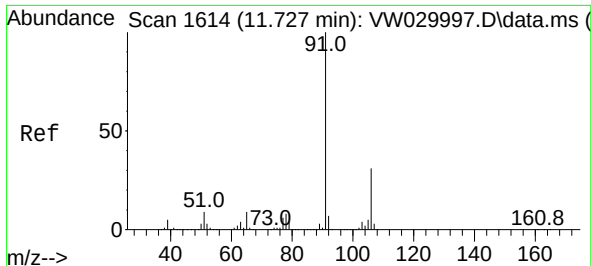
Delta R.T. 0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Tgt Ion:	112	Resp:	111814
Ion Ratio	Lower	Upper	
112	100		
114	31.3	22.0	40.8
77	54.9	53.8	80.8





#52

Ethylbenzene

Concen: 11.788 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

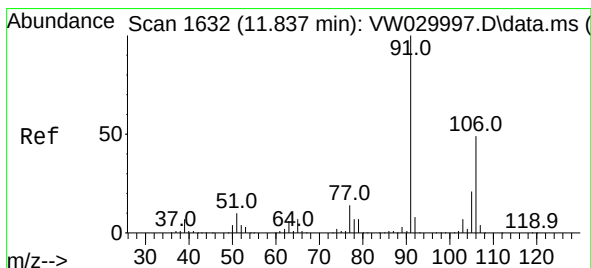
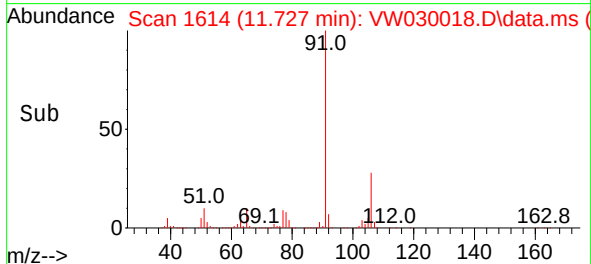
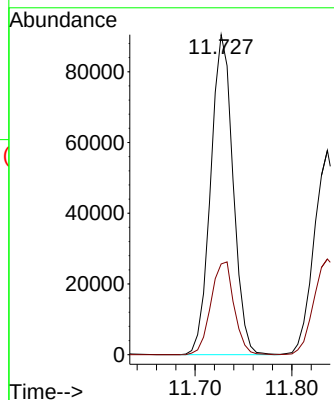
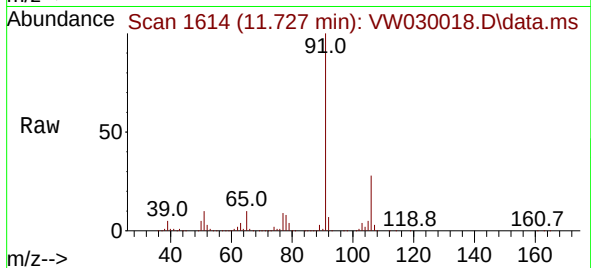
ClientSampleId :

Tgt Ion: 91 Resp: 145599

Ion Ratio Lower Upper

91 100

106 28.4 20.4 38.0



#53

m,p-Xylene

Concen: 11.261 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030018.D

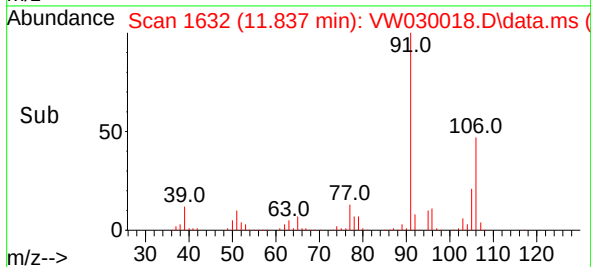
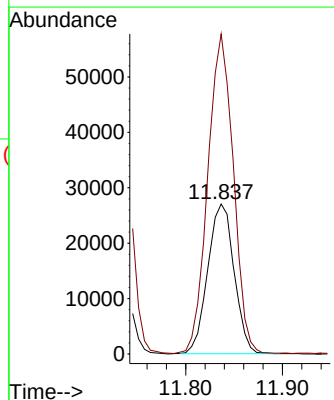
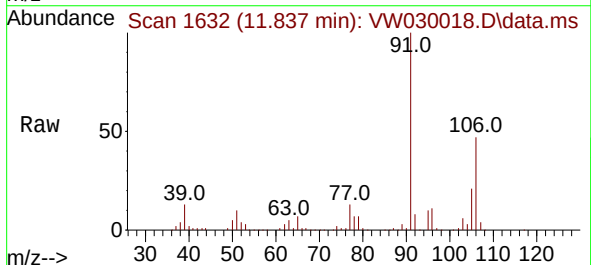
Acq: 23 Aug 2024 18:18

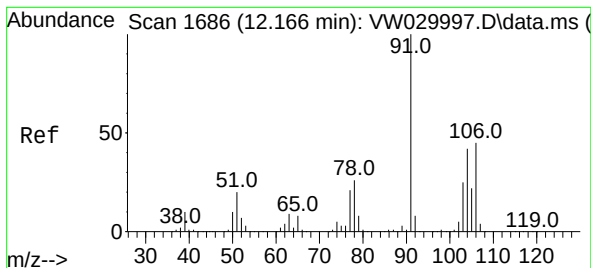
Tgt Ion:106 Resp: 51151

Ion Ratio Lower Upper

106 100

91 213.5 151.4 281.2





#54

o-Xylene

Concen: 12.106 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

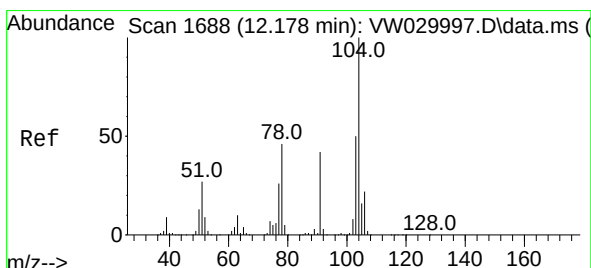
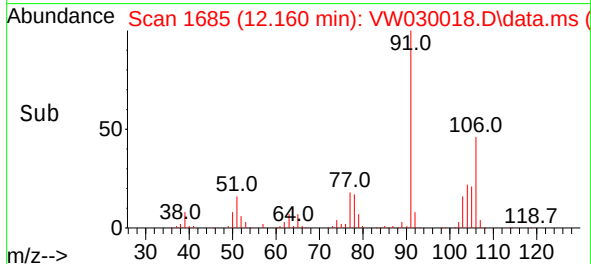
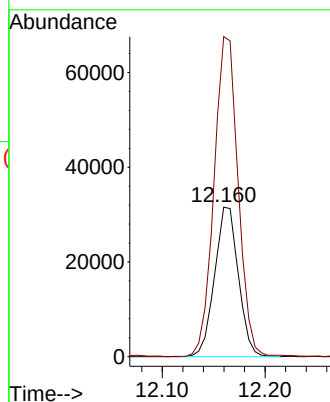
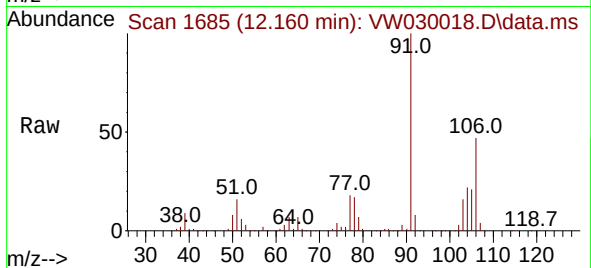
ClientSampleId :

Tgt Ion:106 Resp: 50642

Ion Ratio Lower Upper

106 100

91 214.1 155.8 289.4



#55

Styrene

Concen: 13.423 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030018.D

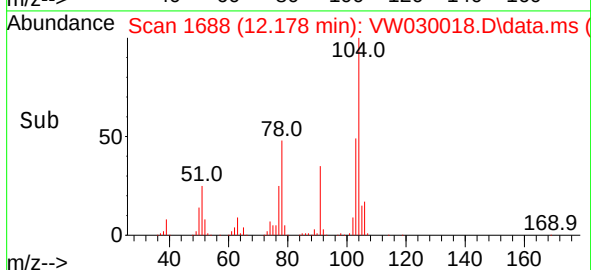
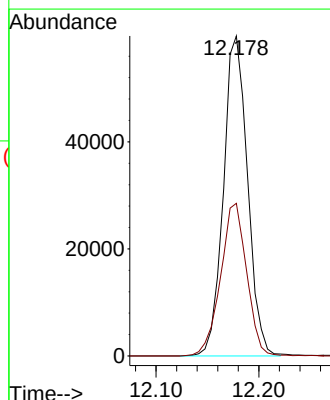
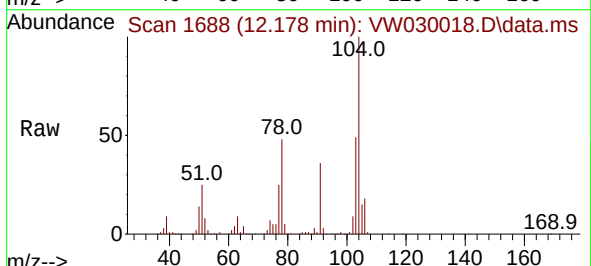
Acq: 23 Aug 2024 18:18

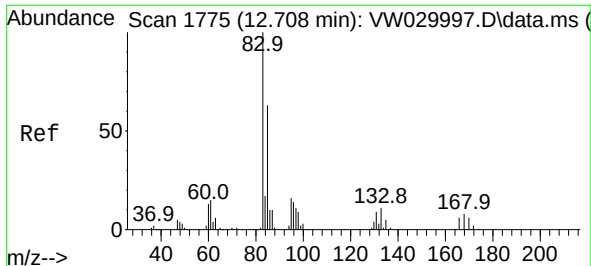
Tgt Ion:104 Resp: 97328

Ion Ratio Lower Upper

104 100

78 47.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.766 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030018.D

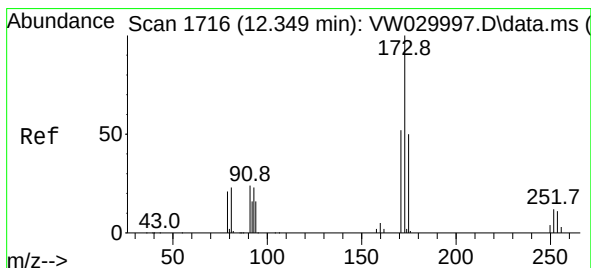
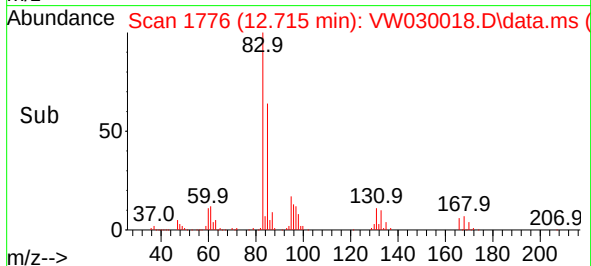
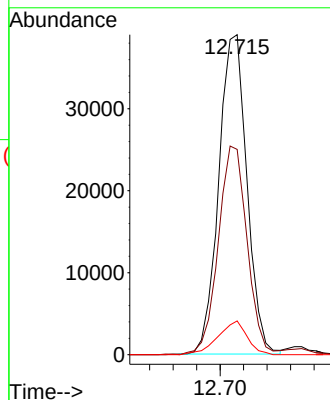
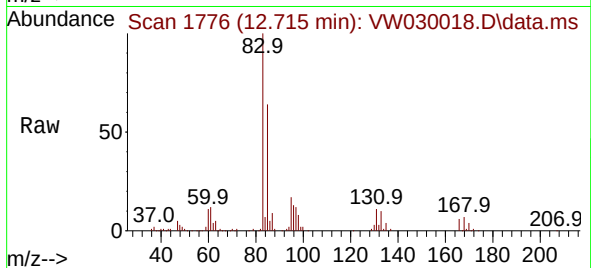
Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	64880
Ion Ratio	Lower	Upper	
83	100		
85	64.2	44.2	82.0
131	10.5	6.2	9.2#



#59

Bromoform

Concen: 64.596 ug/L

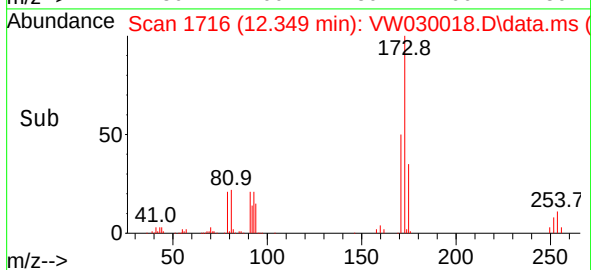
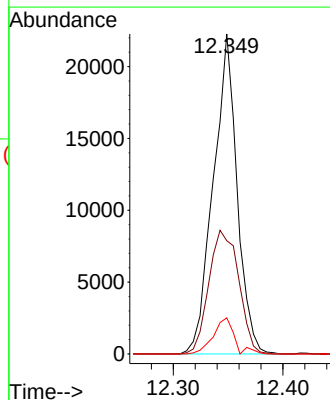
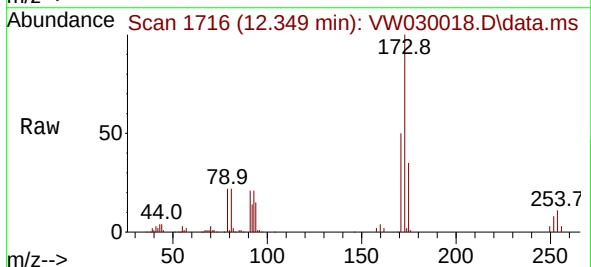
RT: 12.349 min Scan# 1716

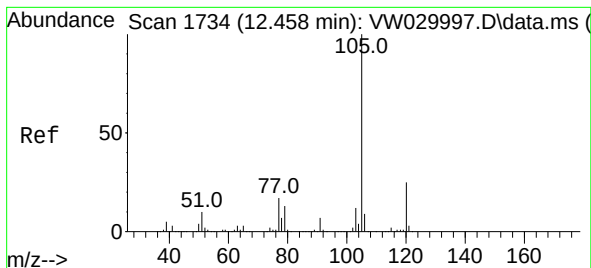
Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Tgt Ion:	173	Resp:	33681
Ion Ratio	Lower	Upper	
173	100		
175	48.3	38.1	57.1
254	9.1	7.8	11.6





#60

Isopropylbenzene

Concen: 16.755 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

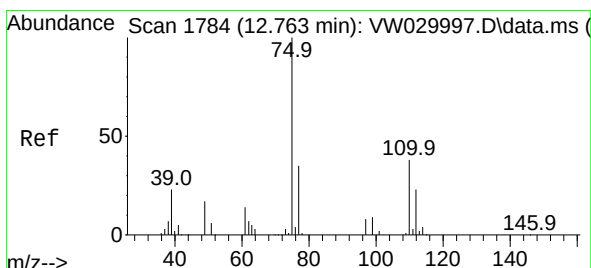
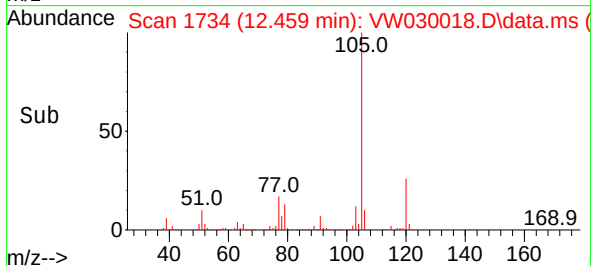
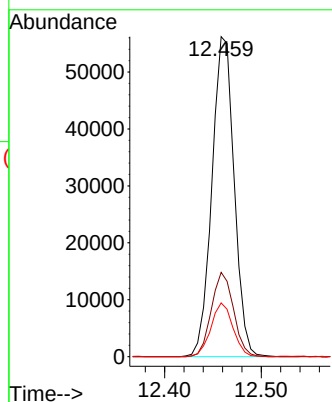
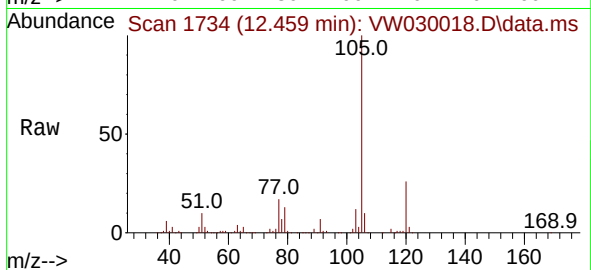
Tgt Ion:105 Resp: 89843

Ion Ratio Lower Upper

105 100

120 26.2 20.3 30.5

77 16.6 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 62.693 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

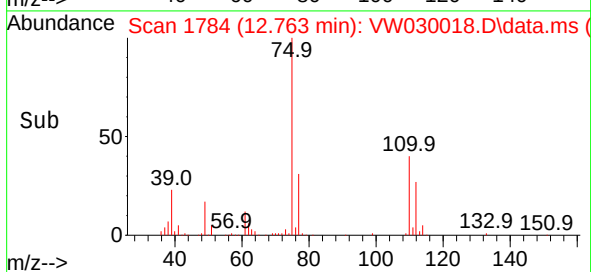
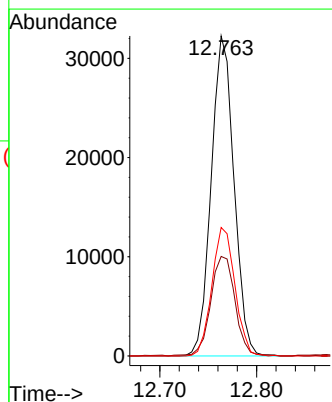
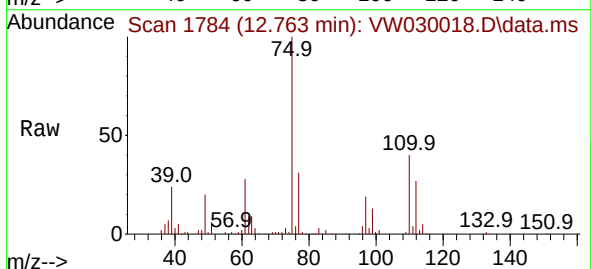
Tgt Ion: 75 Resp: 52837

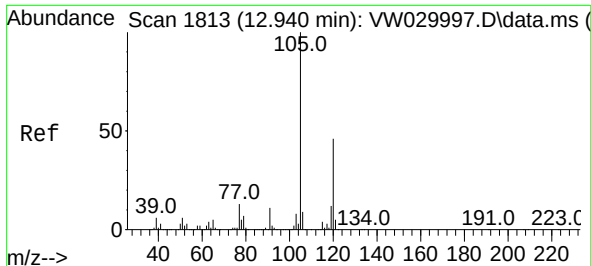
Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0

110 40.5 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 13.710 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

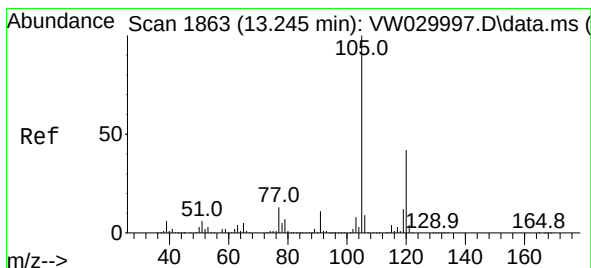
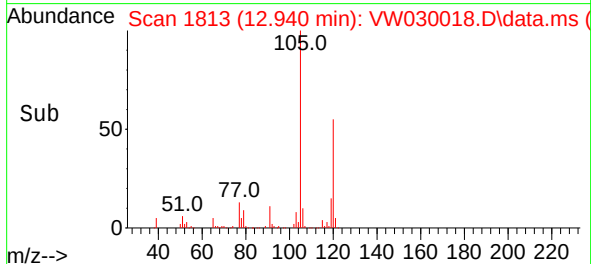
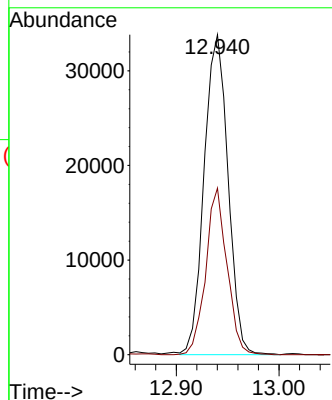
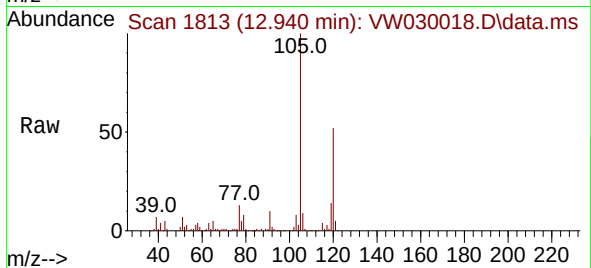
ClientSampleId :

Tgt Ion:105 Resp: 54641

Ion Ratio Lower Upper

105 100

120 46.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 13.005 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030018.D

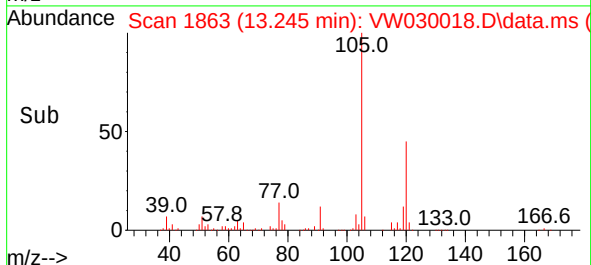
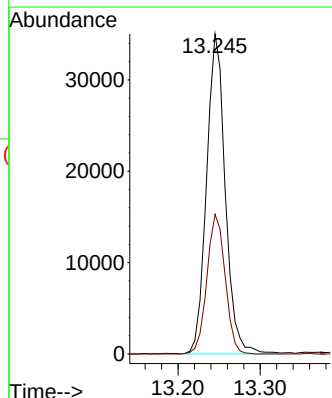
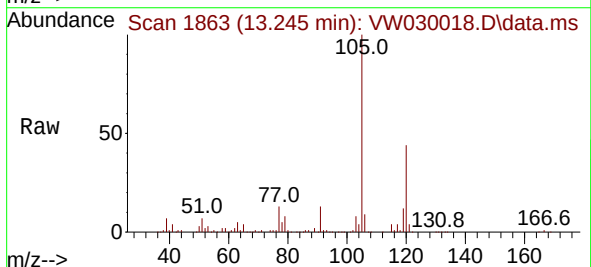
Acq: 23 Aug 2024 18:18

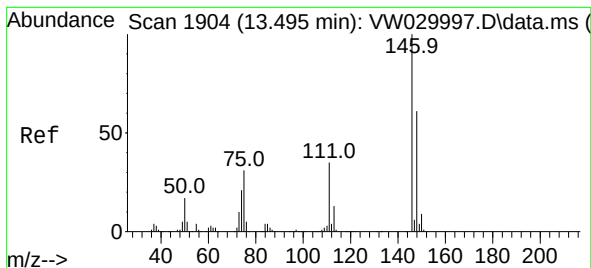
Tgt Ion:105 Resp: 55435

Ion Ratio Lower Upper

105 100

120 42.4 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 15.934 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030018.D

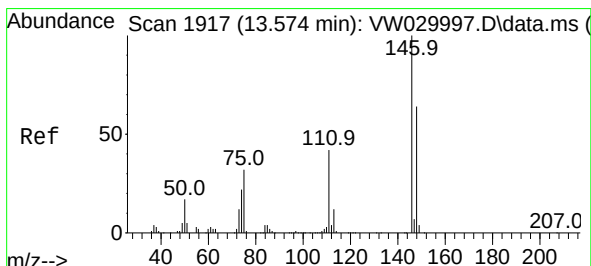
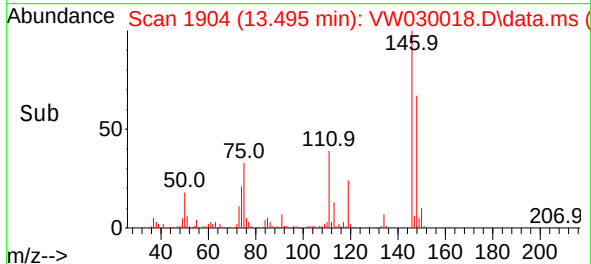
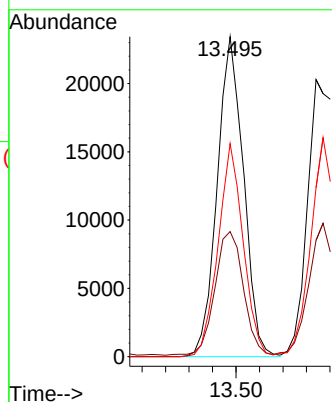
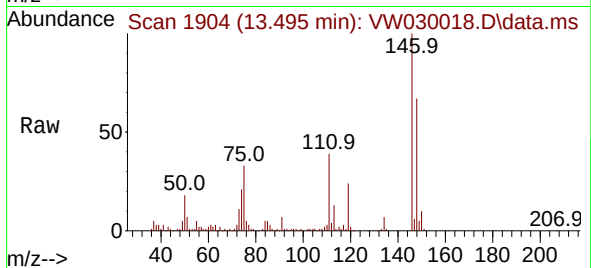
Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	36453
Ion Ratio	Lower	Upper	
146	100		
111	39.1	28.7	53.3
148	66.6	43.4	80.6



#65

1,4-Dichlorobenzene

Concen: 15.438 ug/L

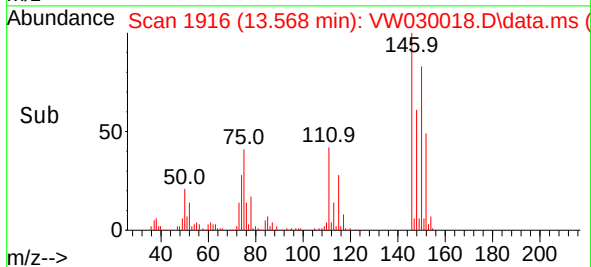
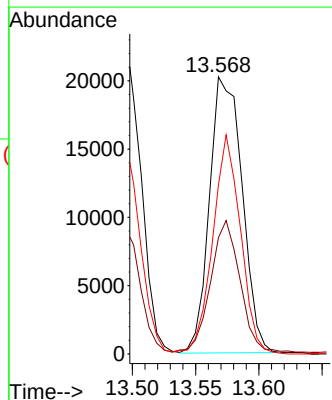
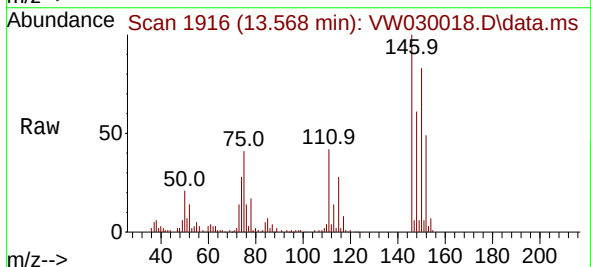
RT: 13.568 min Scan# 1916

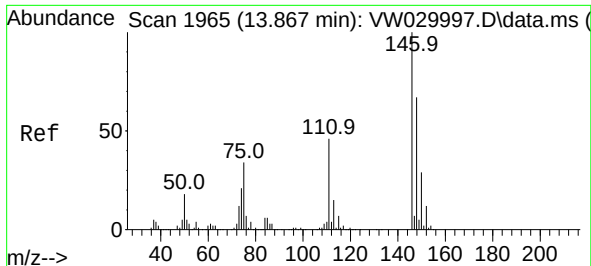
Delta R.T. -0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

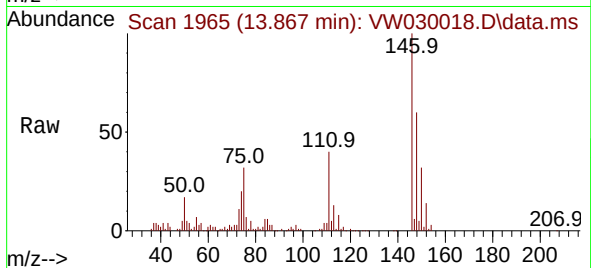
Tgt Ion:	146	Resp:	36280
Ion Ratio	Lower	Upper	
146	100		
111	42.0	30.1	55.9
148	60.9	45.4	84.4



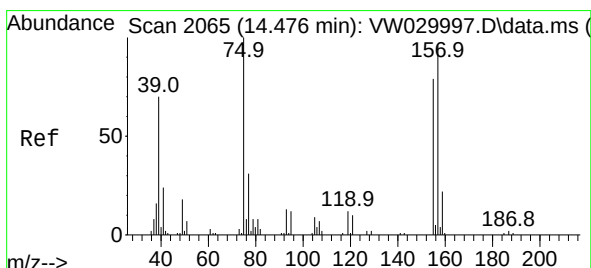
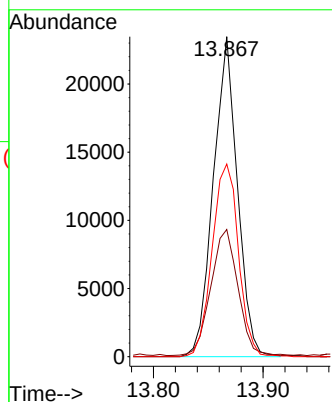
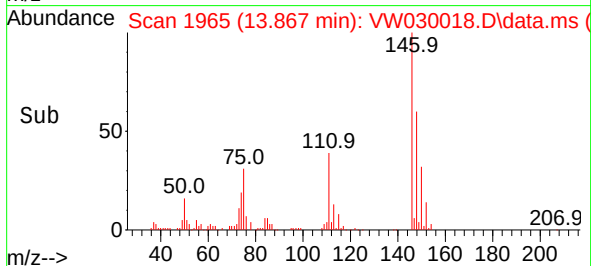


#67
1,2-Dichlorobenzene
Concen: 17.182 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18

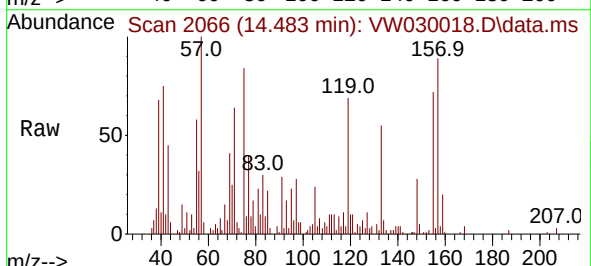
Instrument :
MSVOA_W
ClientSampleId :



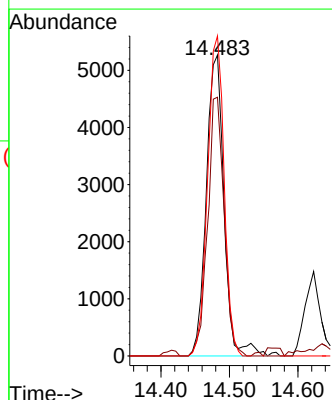
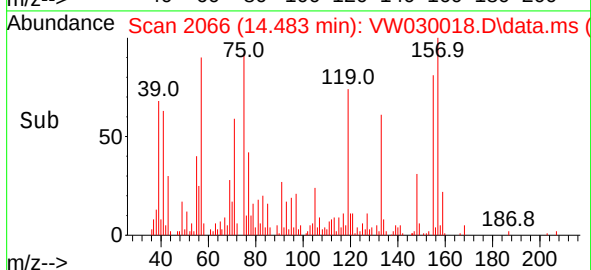
Tgt Ion:	146	Resp:	35788
Ion Ratio	Lower	Upper	
146	100		
111	39.7	35.8	53.8
148	60.2	52.6	78.8

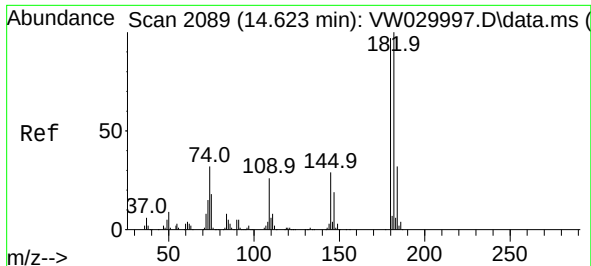


#68
1,2-Dibromo-3-chloropropane
Concen: 49.592 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW030018.D
Acq: 23 Aug 2024 18:18



Tgt Ion:	75	Resp:	9490
Ion Ratio	Lower	Upper	
75	100		
155	86.0	47.8	71.6#
157	106.3	63.7	95.5#





#69

1,3,5-Trichlorobenzene

Concen: 7.424 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 11620

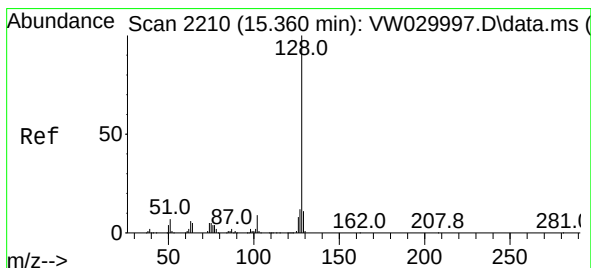
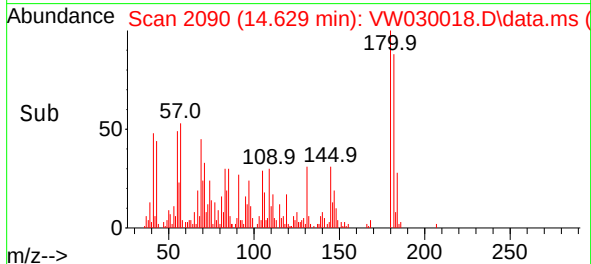
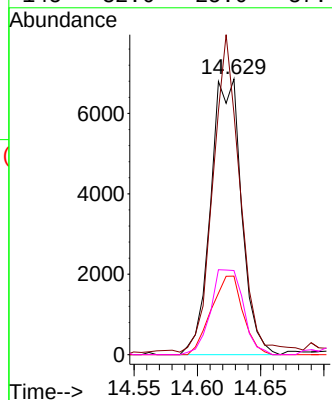
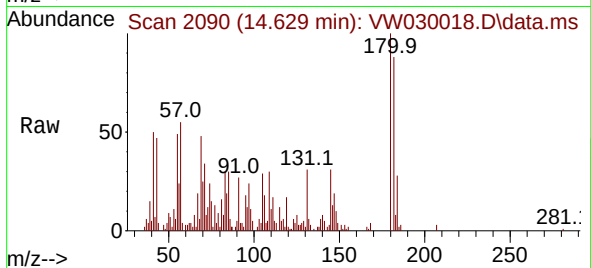
Ion Ratio Lower Upper

180 100

182 97.6 72.7 109.1

184 29.3 23.3 34.9

145 32.6 25.0 37.4



#71

Naphthalene

Concen: 17.736 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

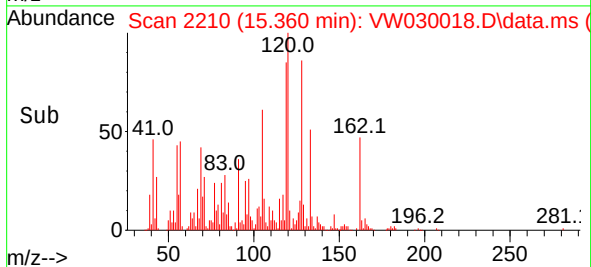
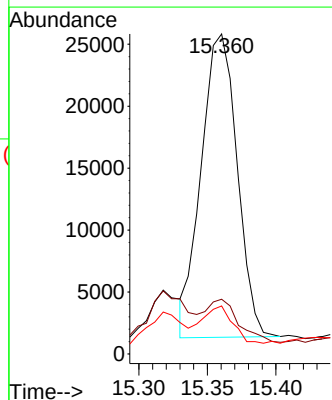
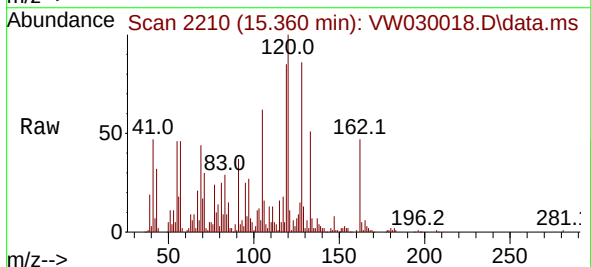
Tgt Ion:128 Resp: 44628

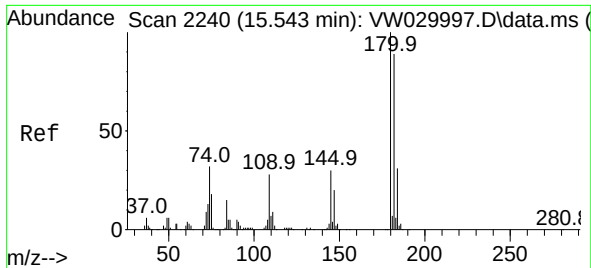
Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

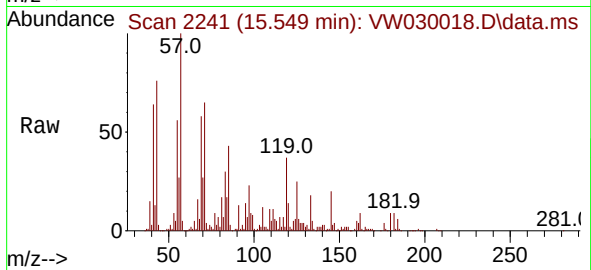
129 10.4 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 7.789 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW030018.D
 Acq: 23 Aug 2024 18:18

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	75.9	74.0	111.0
145	0.0	27.5	41.3

