

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030016.D
 Acq On : 23 Aug 2024 17:30
 Operator : SY/MD
 Sample : P3721-08MS
 Misc : 5.42g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 05:05:25 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	465231	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	369649	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134899	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71724	10.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.440%
7) Chloroethane-d5	2.893	69	64676	13.716	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.880%
11) 1,1-Dichloroethene-d2	4.021	65	36818	12.212	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.840%
21) 2-Butanone-d5	7.075	46	61623	34.041	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.080%
24) Chloroform-d	7.648	84	208005	17.272	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.080%
26) 1,2-Dichloroethane-d4	8.300	65	111723	16.287	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.160%#
32) Benzene-d6	8.276	84	365933	18.322	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.280%
36) 1,2-Dichloropropane-d6	9.270	67	115186	18.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.240%
41) Toluene-d8	10.325	98	325966	18.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	10.574	79	47808	18.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.120%
47) 2-Hexanone-d5	10.922	63	50489	48.012	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92687	19.573	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	75712	18.075	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74109	11.818	ug/L	100
3) Chloromethane	2.222	50	80296	10.348	ug/L	98
5) Vinyl chloride	2.369	62	107952	12.416	ug/L	98
6) Bromomethane	2.789	94	72565	15.199	ug/L	95
8) Chloroethane	2.930	64	69193	13.989	ug/L	97
9) Trichlorofluoromethane	3.265	101	111866	16.107	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	100651	14.551	ug/L	97
12) 1,1-Dichloroethene	4.045	96	98966	15.571	ug/L	78
13) Acetone	4.118	43	100569	44.703	ug/L	92
14) Carbon disulfide	4.393	76	228331	10.795	ug/L	98
16) Methylene chloride	4.917	84	132633	13.637	ug/L	82
17) trans-1,2-Dichloroethene	5.423	96	107858	15.748	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	206312	18.277	ug/L	95
19) 1,1-Dichloroethane	6.215	63	214860	14.874	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	125067	16.834	ug/L	90
22) 2-Butanone	7.167	43	67161	23.299	ug/L	83
23) Bromochloromethane	7.514	128	56630	17.955	ug/L #	67
25) Chloroform	7.679	83	231333	16.998	ug/L	97
27) 1,2-Dichloroethane	8.398	62	147386	14.860	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Sat Aug 24 05:00:17 2024
 Response via : Initial Calibration

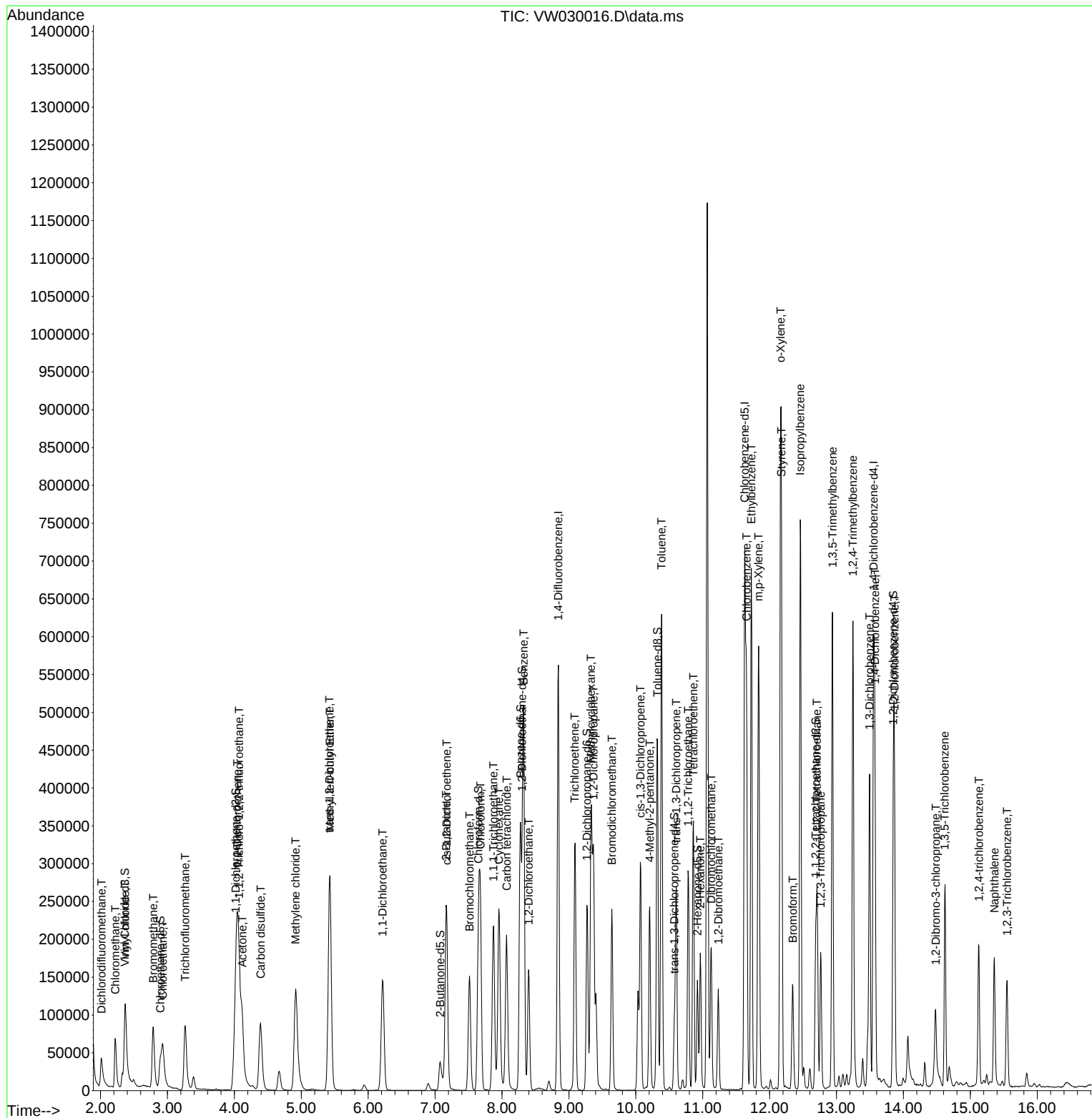
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	140044	13.332	ug/L	88
30) 1,1,1-Trichloroethane	7.874	97	183213	19.572	ug/L	94
31) Carbon tetrachloride	8.069	117	154861	18.360	ug/L	97
33) Benzene	8.325	78	457230	18.053	ug/L	100
34) Trichloroethene	9.087	95	118858	17.902	ug/L	97
35) Methylcyclohexane	9.331	83	157274	14.216	ug/L	93
37) 1,2-Dichloropropane	9.367	63	118217	17.032	ug/L #	97
38) Bromodichloromethane	9.642	83	160653	19.437	ug/L	94
39) cis-1,3-Dichloropropene	10.068	75	183052	18.110	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	153805	34.888	ug/L #	88
42) Toluene	10.385	91	475126	18.378	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	151150	18.013	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	92198	19.773	ug/L	98
46) Tetrachloroethene	10.861	164	80767	16.737	ug/L	87
48) 2-Hexanone	10.965	43	108420	32.836	ug/L #	91
49) Dibromochloromethane	11.129	129	97872	20.219	ug/L	96
50) 1,2-Dibromoethane	11.233	107	86533	20.057	ug/L	97
51) Chlorobenzene	11.654	112	271303	16.871	ug/L	93
52) Ethylbenzene	11.727	91	488138	16.739	ug/L	97
53) m,p-Xylene	11.836	106	179022	16.692	ug/L	98
54) o-Xylene	12.166	106	173729	17.590	ug/L	94
55) Styrene	12.178	104	268440	15.680	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	101972	17.818	ug/L #	96
59) Bromoform	12.349	173	51945	25.591	ug/L	95
60) Isopropylbenzene	12.458	105	458278	21.954	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	76693	23.375	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	342435	22.070	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	338288	20.387	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	159862	17.949	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	163967	17.923	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	140814	17.366	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	17140	23.008	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.616	180	77397	12.702	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	60041	11.696	ug/L	97
71) Naphthalene	15.360	128	143967	14.697	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	47019	10.119	ug/L	96

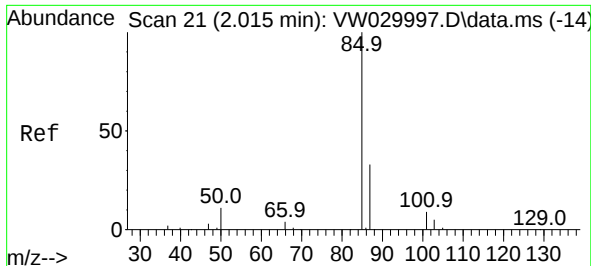
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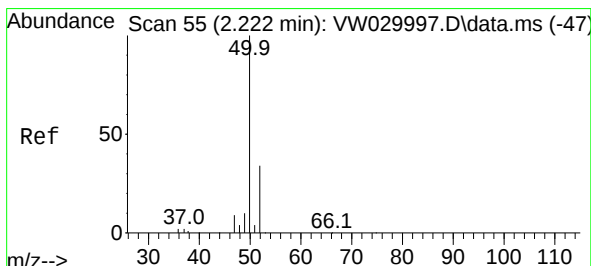
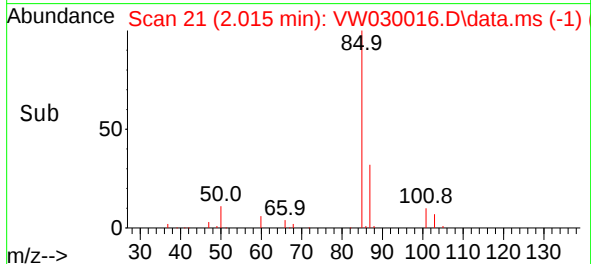
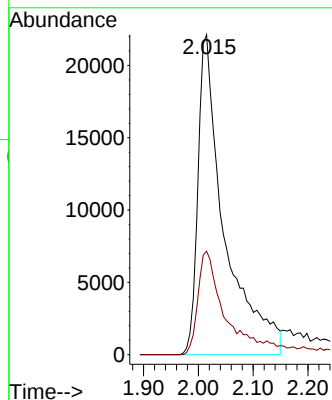
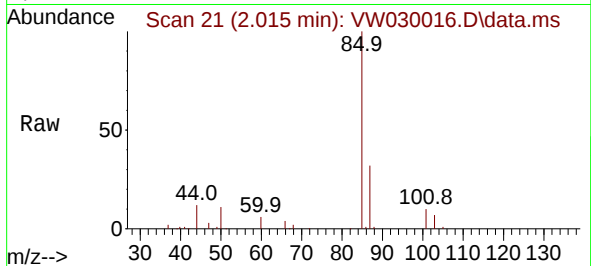




#2
 Dichlorodifluoromethane
 Concen: 11.818 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030016.D
 Acq: 23 Aug 2024 17:30

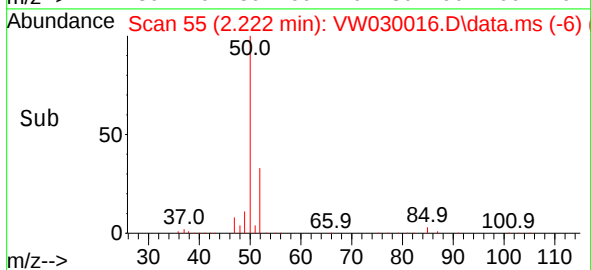
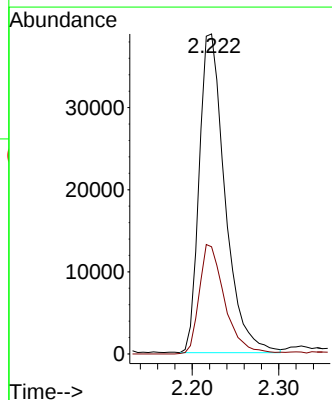
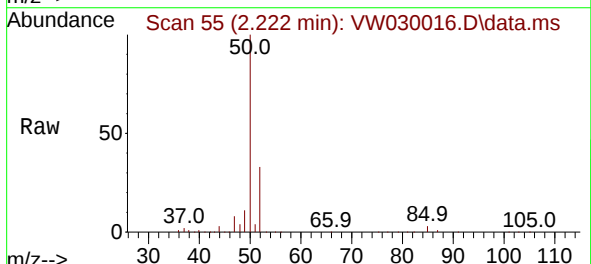
Instrument :
 MSVOA_W
 ClientSampleId :

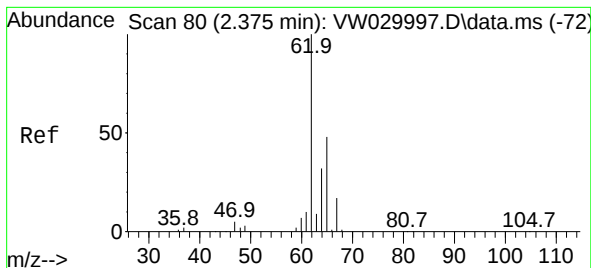
Tgt Ion: 85 Resp: 74109
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.5 38.3



#3
 Chloromethane
 Concen: 10.348 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030016.D
 Acq: 23 Aug 2024 17:30

Tgt Ion: 50 Resp: 80296
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.5 41.9





#5

Vinyl chloride

Concen: 12.416 ug/L

RT: 2.369 min Scan# 74

Delta R.T. -0.006 min MSVOA_W

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

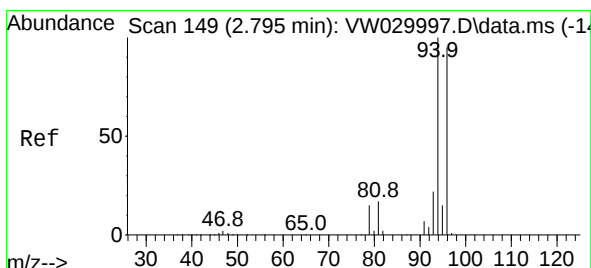
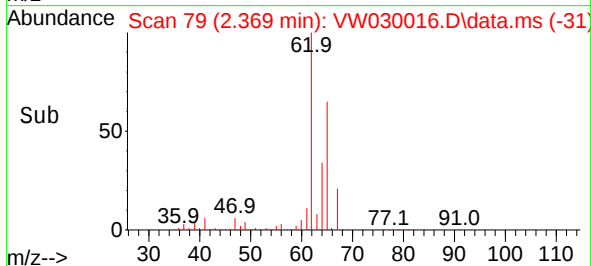
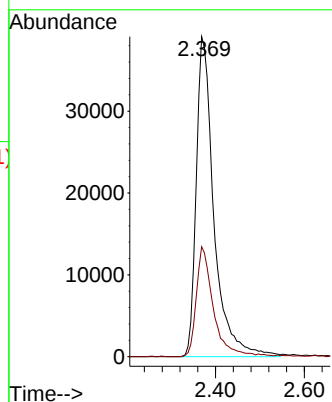
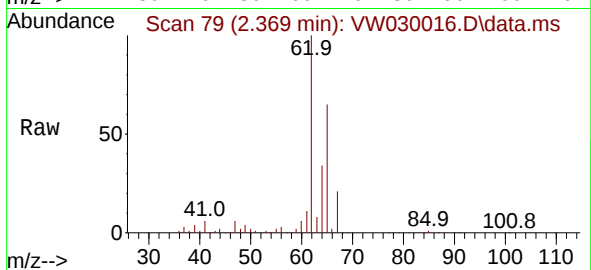
ClientSampleId :

Tgt Ion: 62 Resp: 107952

Ion Ratio Lower Upper

62 100

64 34.4 23.2 43.2



#6

Bromomethane

Concen: 15.199 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW030016.D

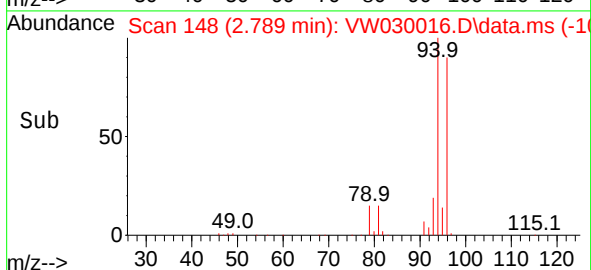
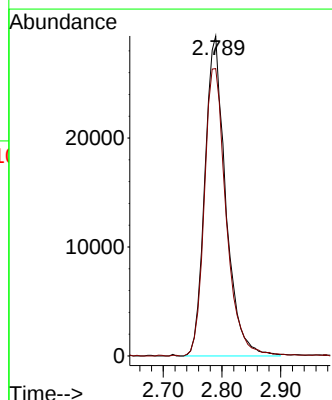
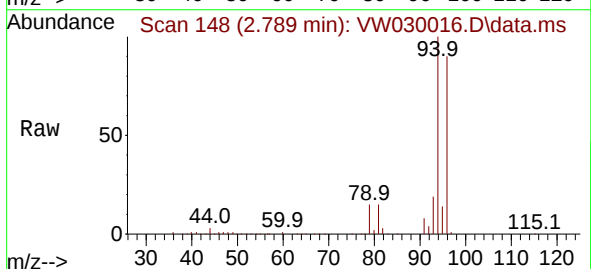
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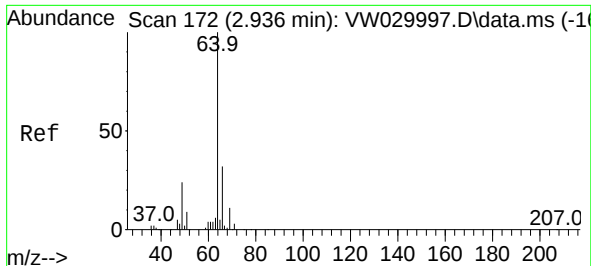
Tgt Ion: 94 Resp: 72565

Ion Ratio Lower Upper

94 100

96 89.8 66.2 123.0

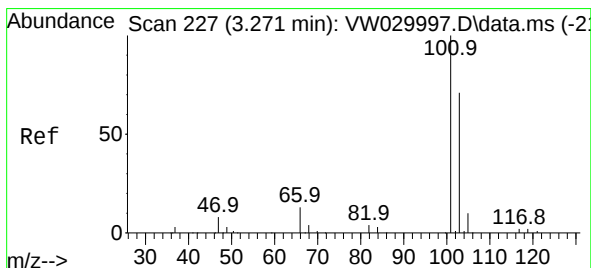
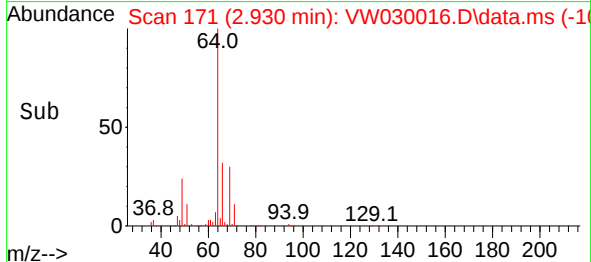
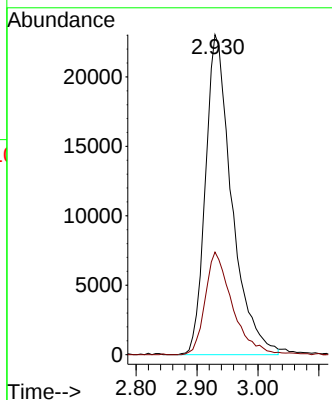
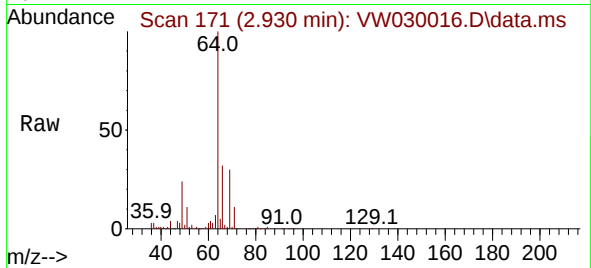




#8
Chloroethane
Concen: 13.989 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

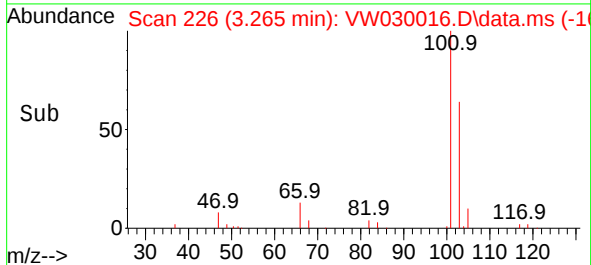
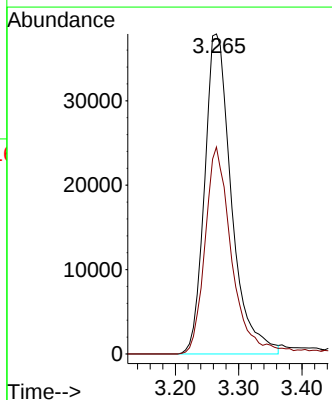
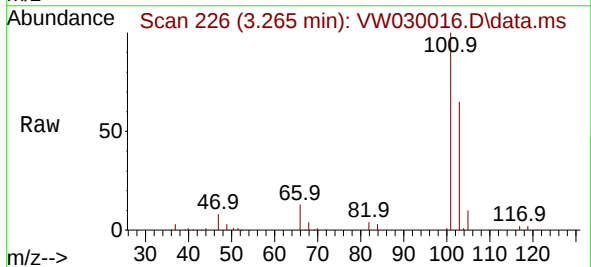
Instrument :
MSVOA_W
ClientSampleId :

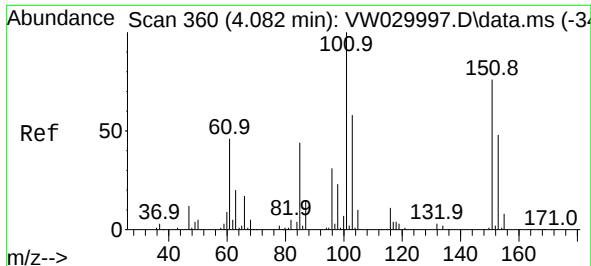
Tgt Ion: 64 Resp: 69193
Ion Ratio Lower Upper
64 100
66 32.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 16.107 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

Tgt Ion:101 Resp: 111866
Ion Ratio Lower Upper
101 100
103 62.1 51.0 76.4





#10

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

Concen: 14.551 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

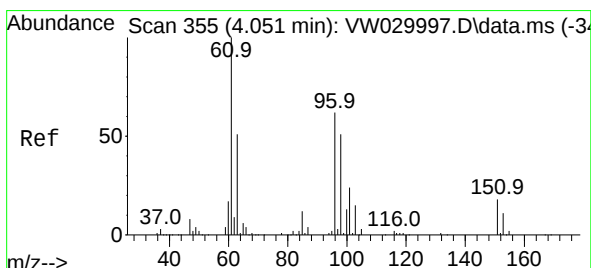
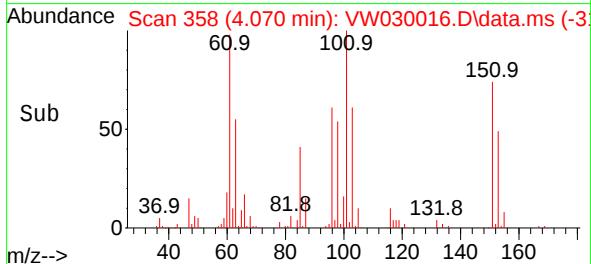
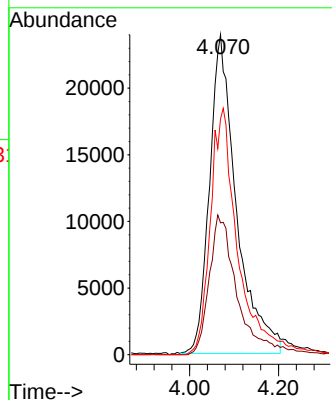
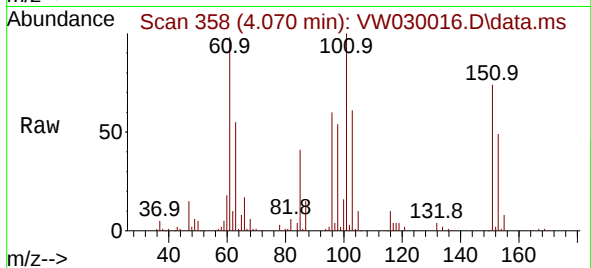
Tgt Ion:101 Resp: 100651

Ion Ratio Lower Upper

101 100

85 44.9 34.2 51.4

151 70.5 54.2 81.2



#12

1,1-Dichloroethene

Concen: 15.571 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW030016.D

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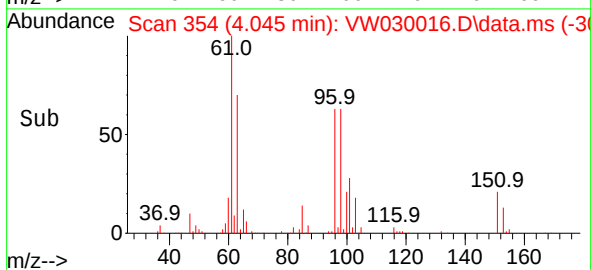
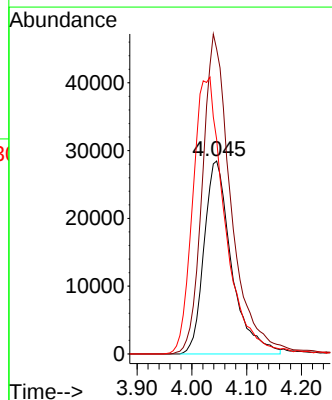
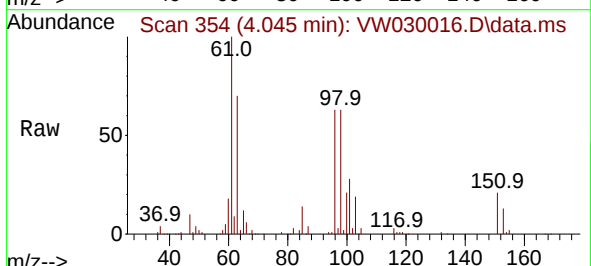
Tgt Ion: 96 Resp: 98966

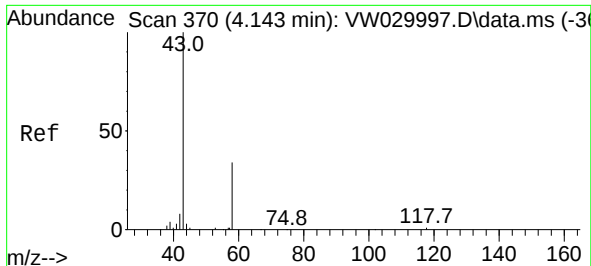
Ion Ratio Lower Upper

96 100

61 157.9 138.3 256.9

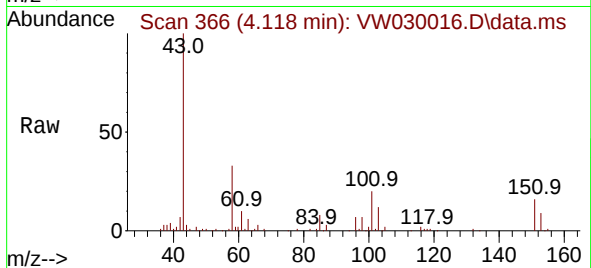
63 111.1 89.0 165.4



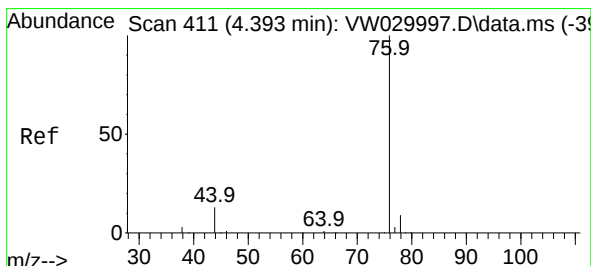
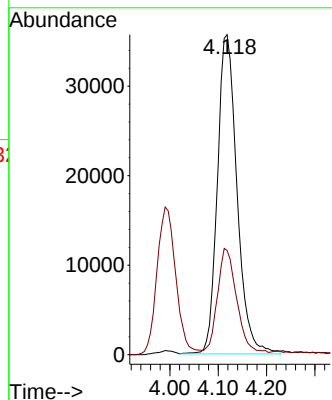
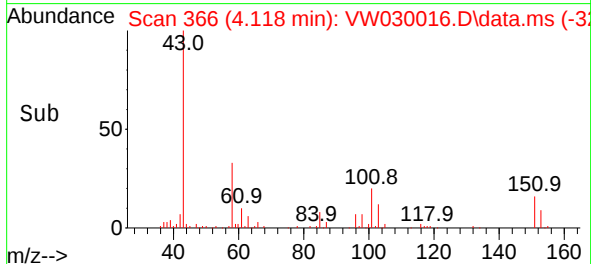


#13
Acetone
Concen: 44.703 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.024 min
Lab File: VW030016.D
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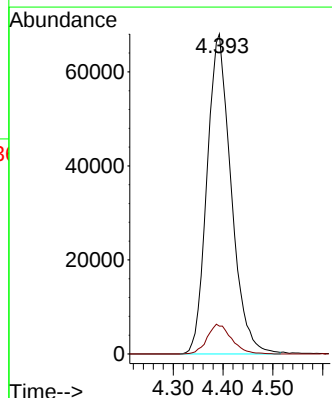
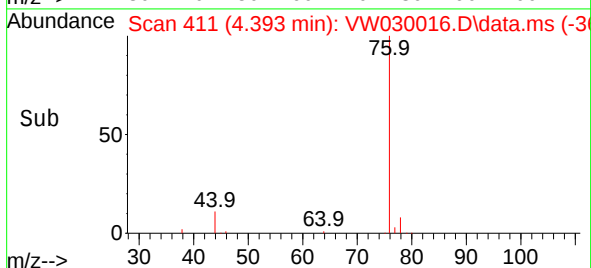
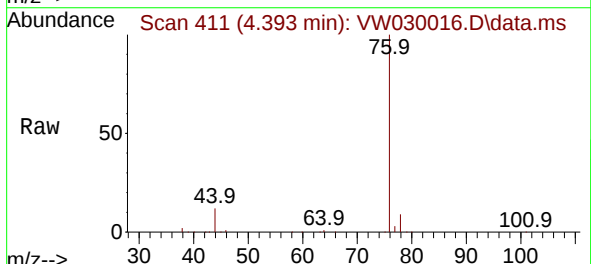


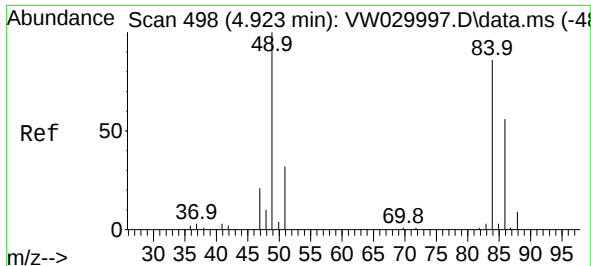
Tgt Ion: 43 Resp: 100569
Ion Ratio Lower Upper
43 100
58 32.8 0.0 57.6



#14
Carbon disulfide
Concen: 10.795 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 228331
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

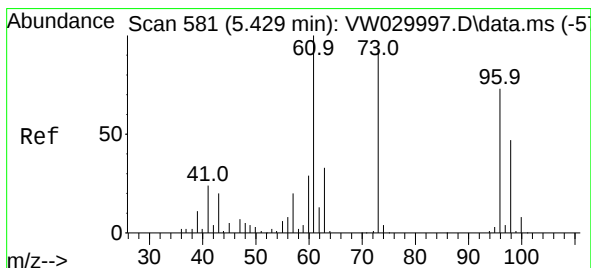
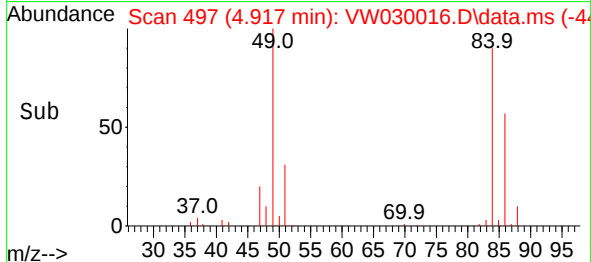
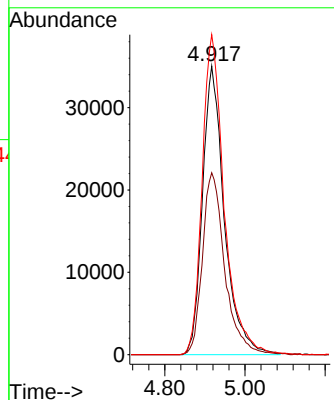
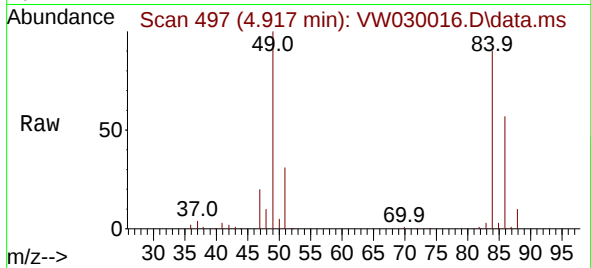




#16
Methylene chloride
Concen: 13.637 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

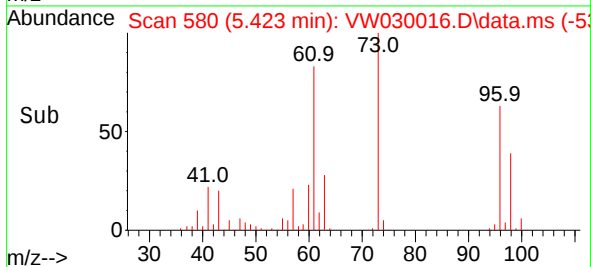
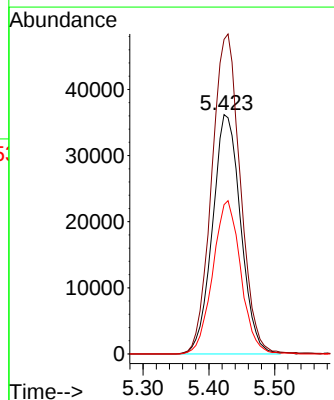
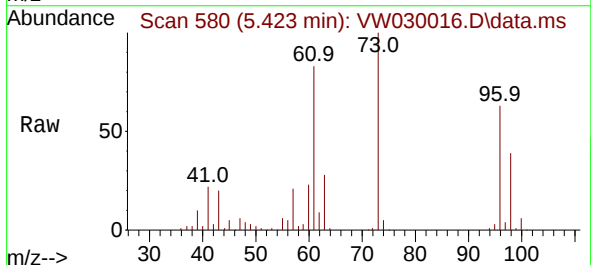
Instrument :
MSVOA_W
ClientSampleId :

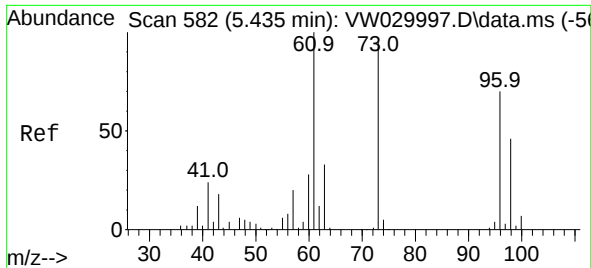
Tgt Ion: 84 Resp: 132633
Ion Ratio Lower Upper
84 100
86 63.0 44.7 82.9
49 110.9 99.0 184.0



#17
trans-1,2-Dichloroethene
Concen: 15.748 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

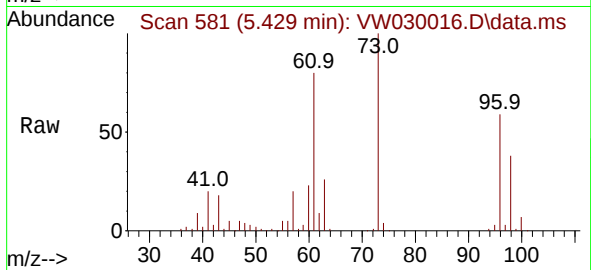
Tgt Ion: 96 Resp: 107858
Ion Ratio Lower Upper
96 100
61 131.5 111.2 206.6
98 62.3 45.0 83.6





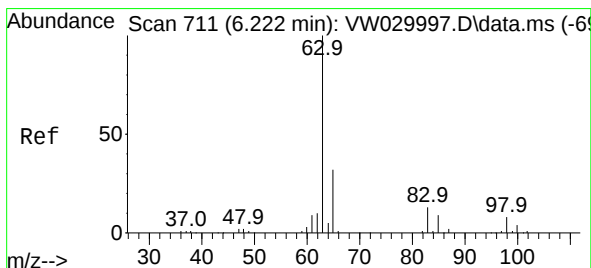
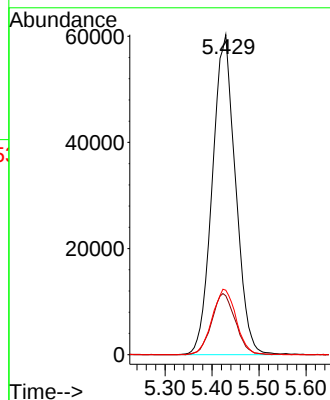
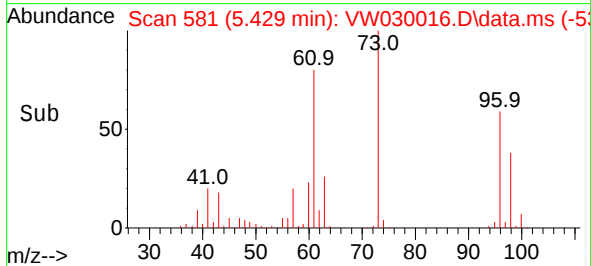
#18
Methyl tert-butyl Ether
Concen: 18.277 ug/L
RT: 5.429 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

Instrument :
MSVOA_W
ClientSampleId :

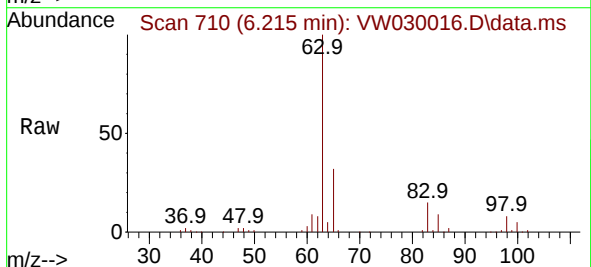


Tgt Ion: 73 Resp: 206312

Ion	Ratio	Lower	Upper
73	100		
43	19.5	18.3	27.5
57	21.2	17.9	26.9

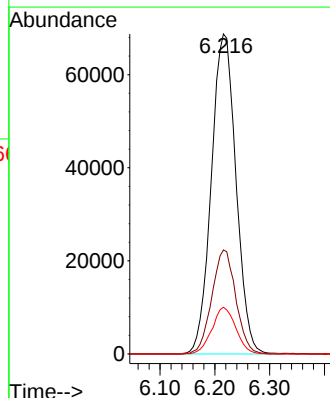
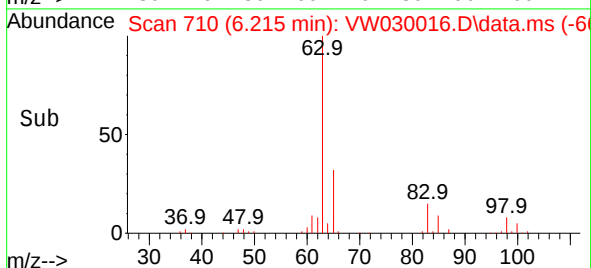


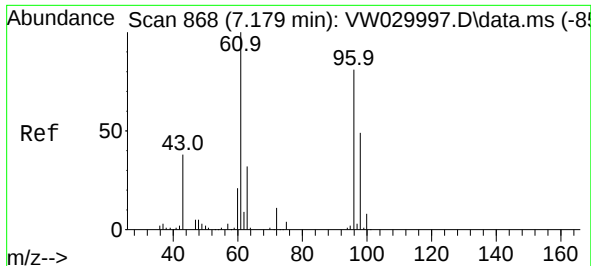
#19
1,1-Dichloroethane
Concen: 14.874 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30



Tgt Ion: 63 Resp: 214860

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.3	41.3
83	14.6	8.5	15.7





#20

cis-1,2-Dichloroethene

Concen: 16.834 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

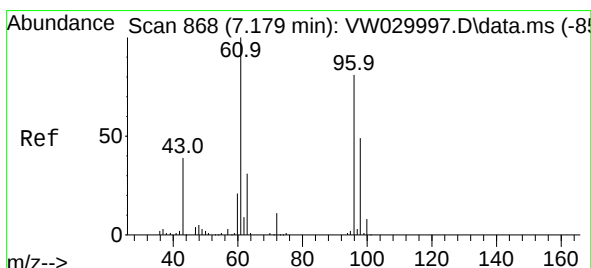
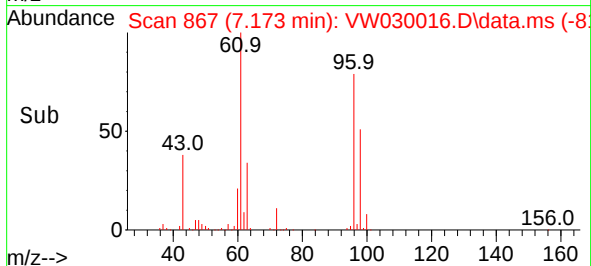
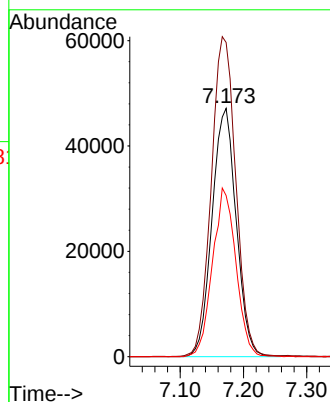
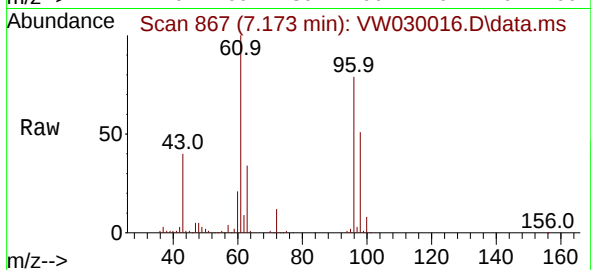
Tgt Ion: 96 Resp: 125067

Ion Ratio Lower Upper

96 100

61 126.5 98.2 182.4

98 64.9 41.9 77.9



#22

2-Butanone

Concen: 23.299 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.012 min

Lab File: VW030016.D

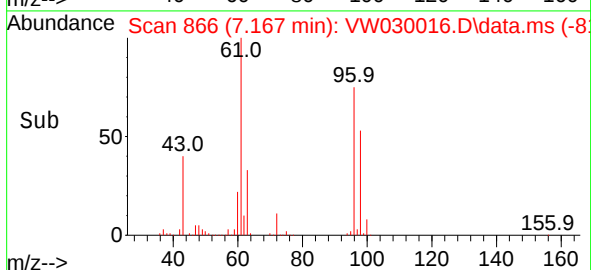
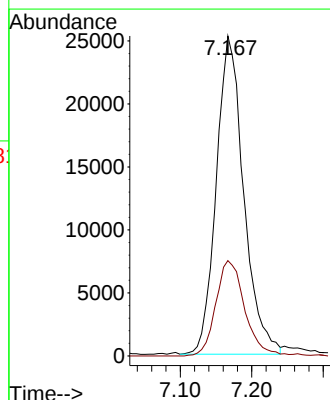
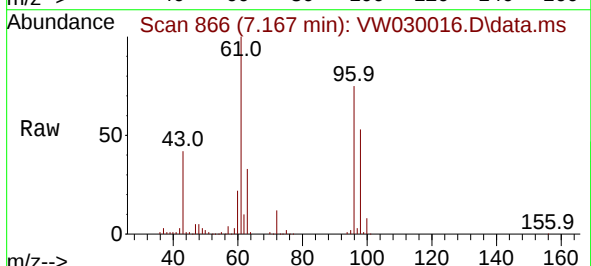
Acq: 23 Aug 2024 17:30

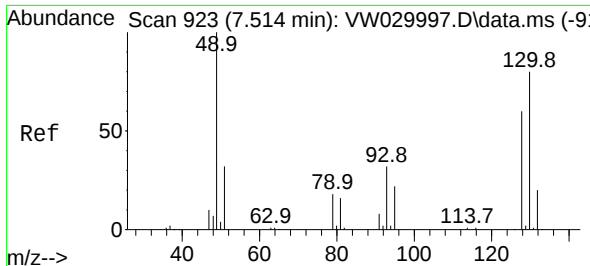
Tgt Ion: 43 Resp: 67161

Ion Ratio Lower Upper

43 100

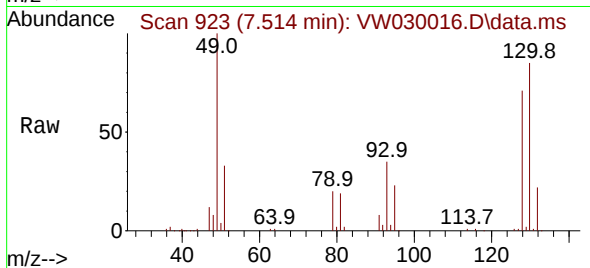
72 31.5 11.7 35.1



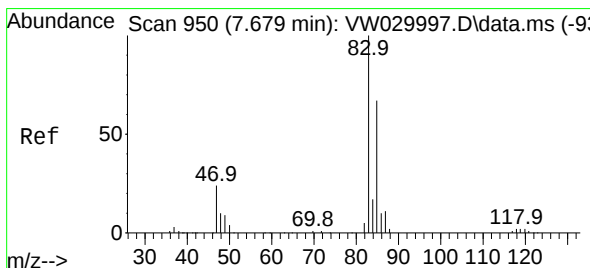
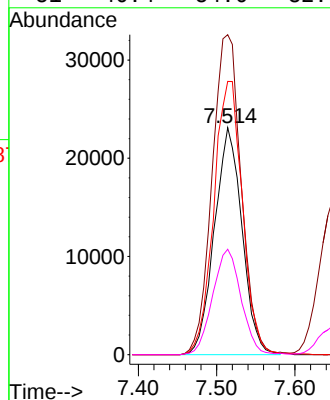
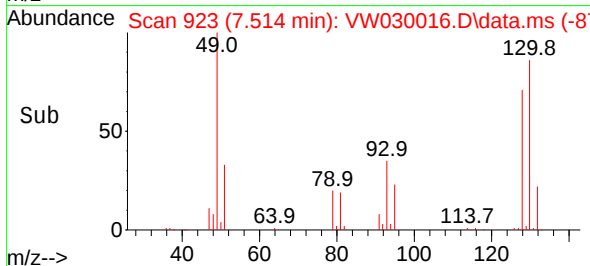


#23
Bromochloromethane
Concen: 17.955 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

Instrument :
MSVOA_W
ClientSampleId :

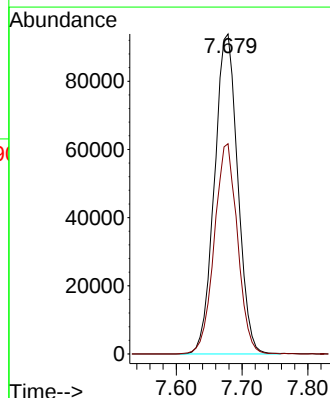
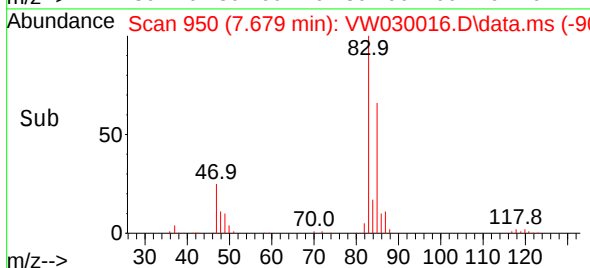
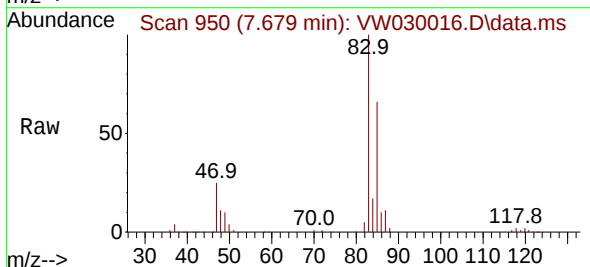


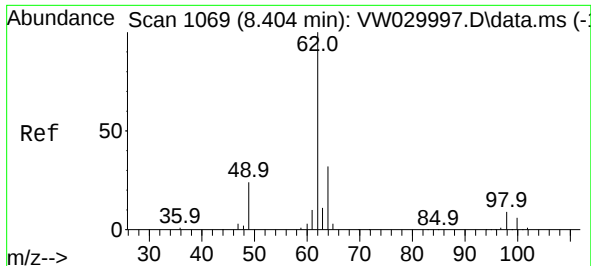
Tgt Ion:128 Resp: 56630
Ion Ratio Lower Upper
128 100
49 140.9 151.1 280.7#
130 120.3 96.8 179.8
51 46.4 54.6 82.0#



#25
Chloroform
Concen: 16.998 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

Tgt Ion: 83 Resp: 231333
Ion Ratio Lower Upper
83 100
85 65.7 44.4 82.4





#27

1,2-Dichloroethane

Concen: 14.860 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

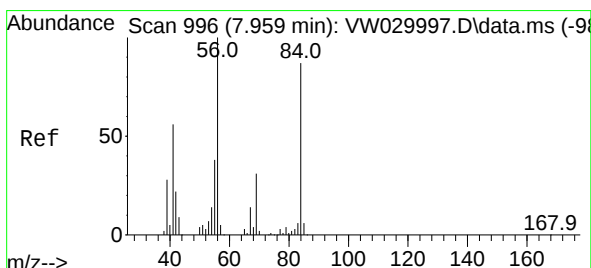
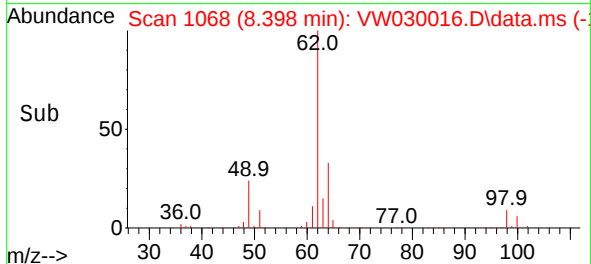
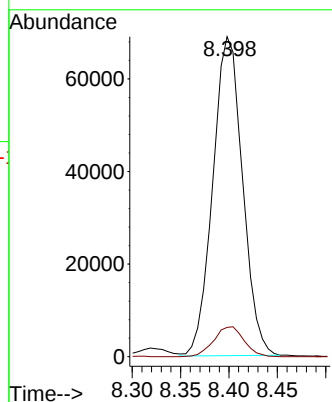
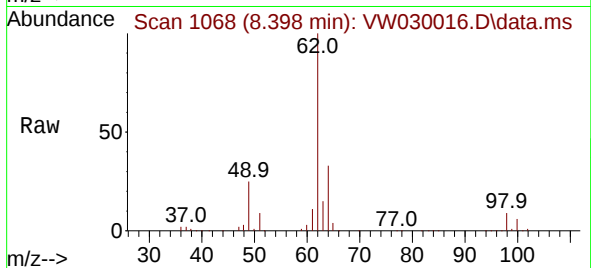
ClientSampleId :

Tgt Ion: 62 Resp: 147386

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0



#29

Cyclohexane

Concen: 13.332 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

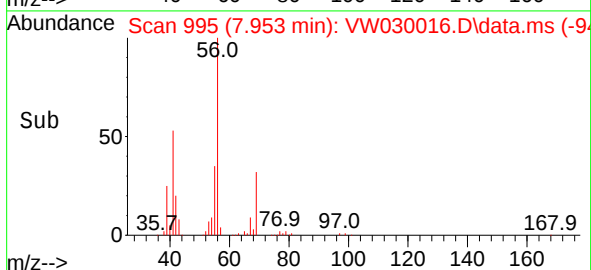
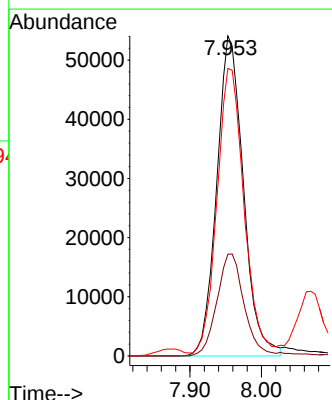
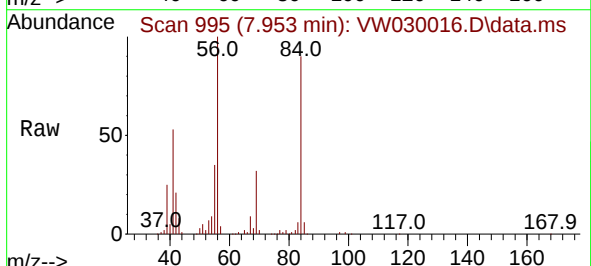
Tgt Ion: 56 Resp: 140044

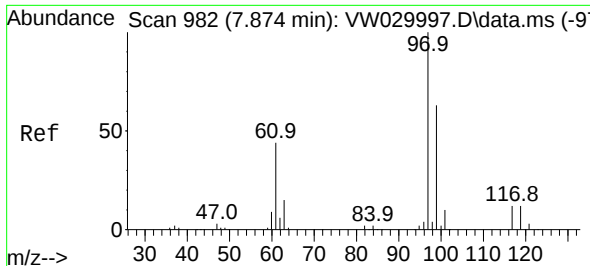
Ion Ratio Lower Upper

56 100

69 32.3 23.0 34.4

84 91.2 63.5 95.3





#30

1,1,1-Trichloroethane

Concen: 19.572 ug/L

RT: 7.874 min Scan# 9

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

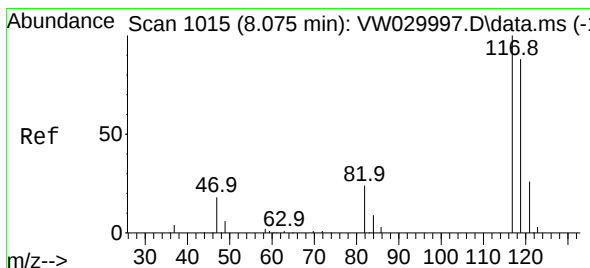
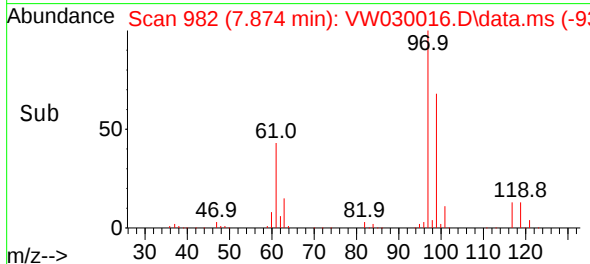
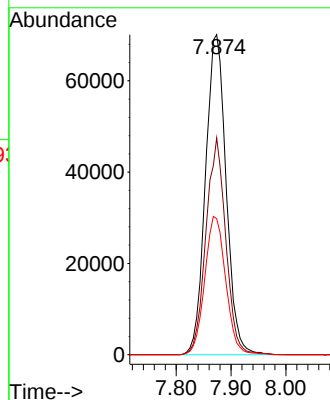
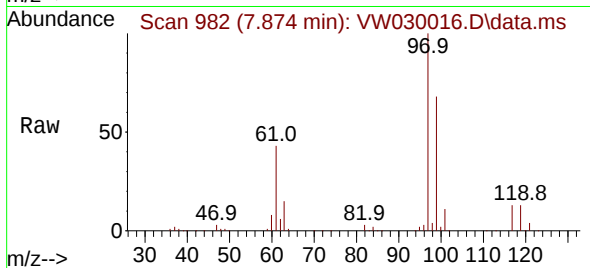
Tgt Ion: 97 Resp: 183213

Ion Ratio Lower Upper

97 100

99 65.0 52.1 78.1

61 43.9 42.6 63.8



#31

Carbon tetrachloride

Concen: 18.360 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW030016.D

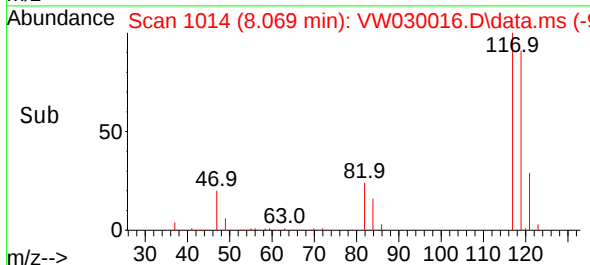
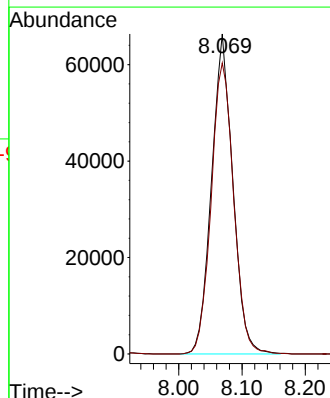
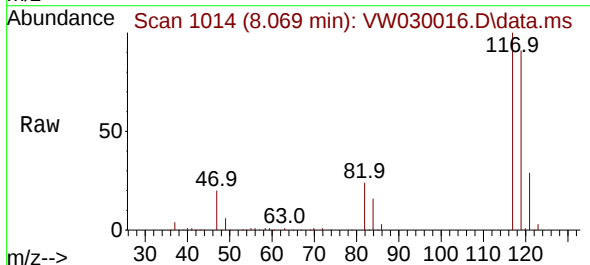
Acq: 23 Aug 2024 17:30

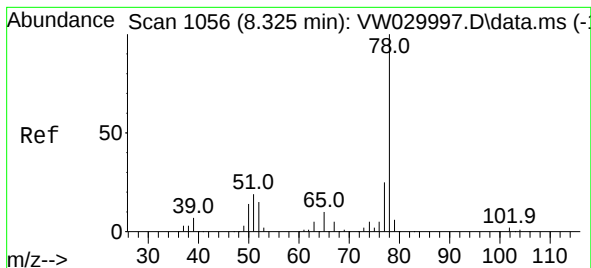
Tgt Ion: 117 Resp: 154861

Ion Ratio Lower Upper

117 100

119 96.2 74.8 112.2





#33

Benzene

Concen: 18.053 ug/L

RT: 8.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030016.D

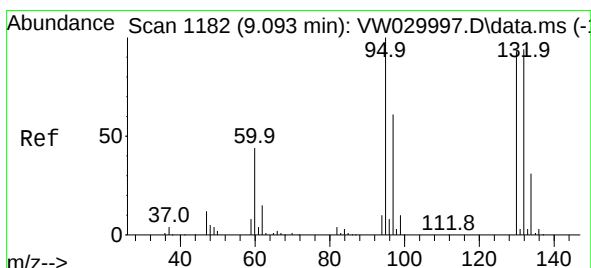
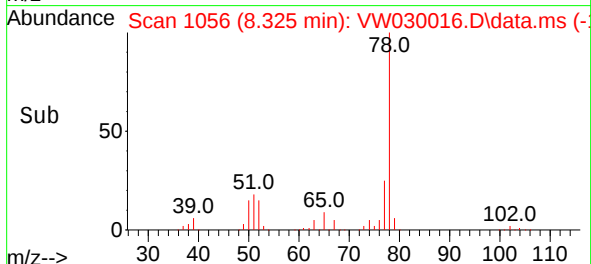
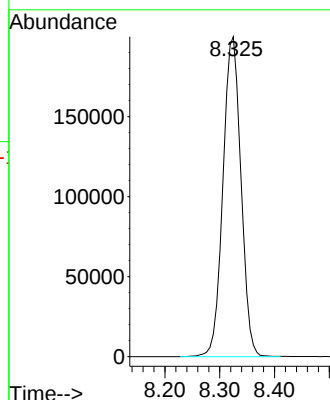
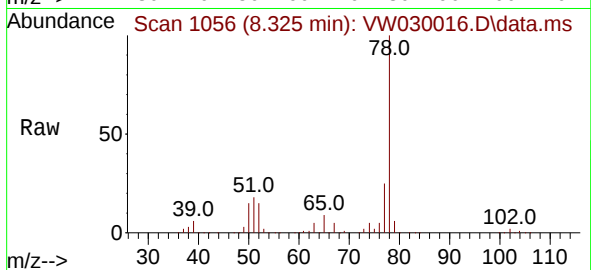
Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 457230



#34

Trichloroethene

Concen: 17.902 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Tgt Ion: 95 Resp: 118858

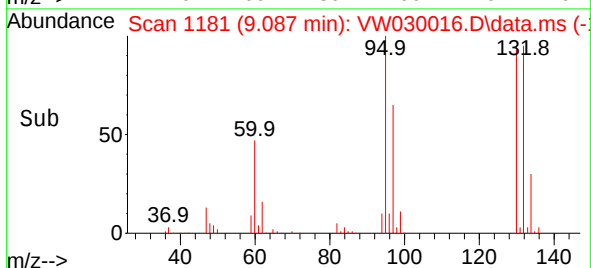
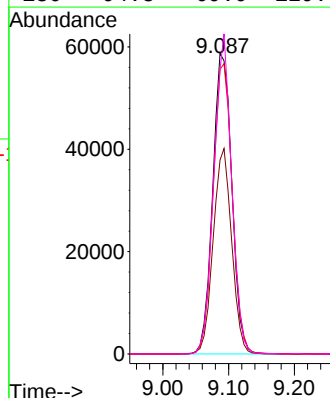
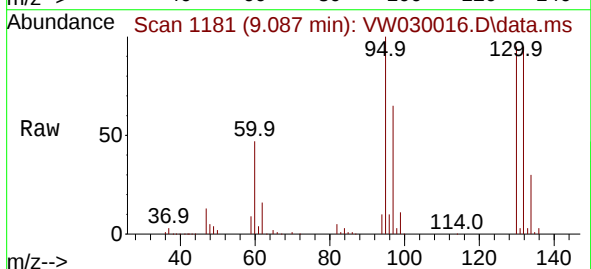
Ion Ratio Lower Upper

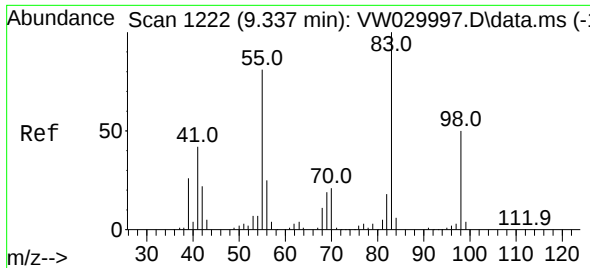
95 100

97 64.5 45.6 84.8

132 94.7 65.2 121.0

130 94.8 69.9 129.7





#35

Methylcyclohexane

Concen: 14.216 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

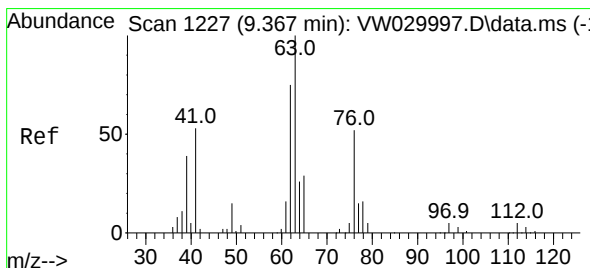
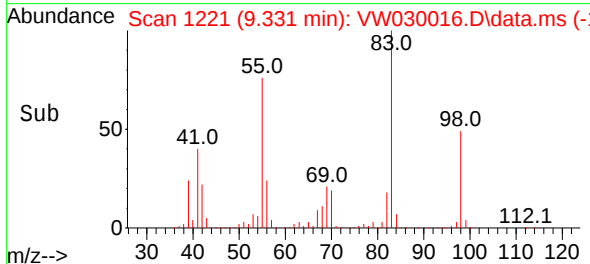
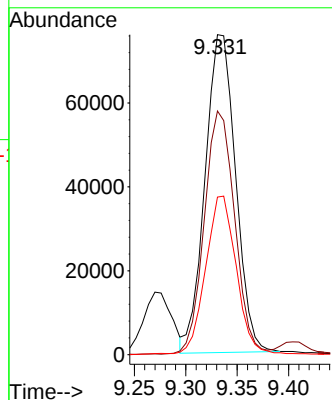
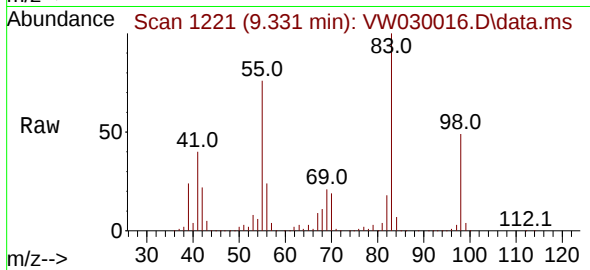
Tgt Ion: 83 Resp: 157274

Ion Ratio Lower Upper

83 100

55 76.4 67.4 101.2

98 49.2 36.7 55.1



#37

1,2-Dichloropropane

Concen: 17.032 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030016.D

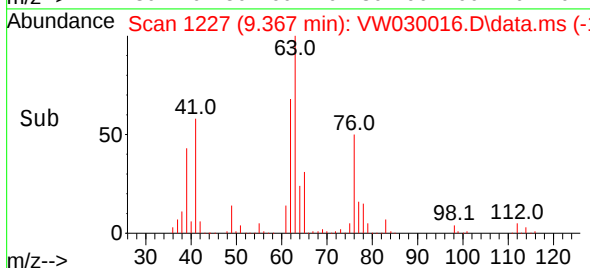
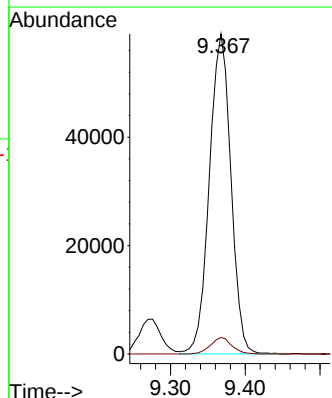
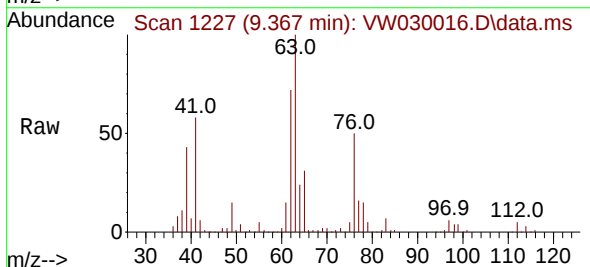
Acq: 23 Aug 2024 17:30

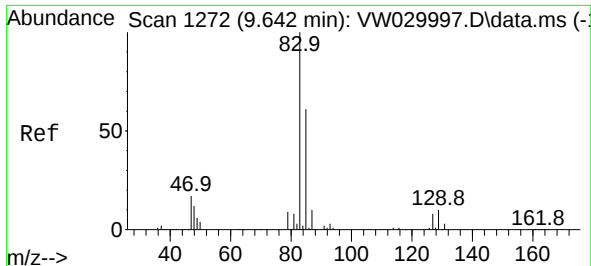
Tgt Ion: 63 Resp: 118217

Ion Ratio Lower Upper

63 100

112 5.1 3.3 4.9#

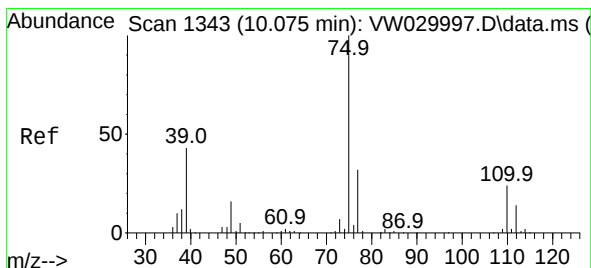
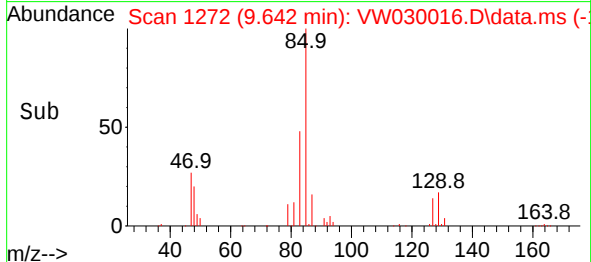
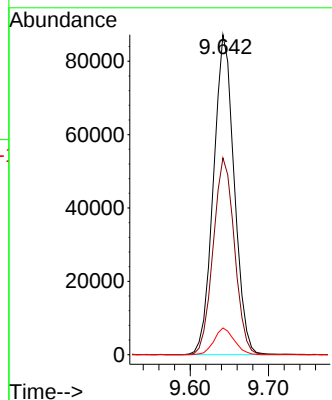
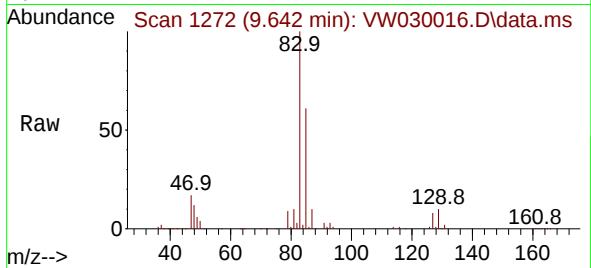




#38
Bromodichloromethane
Concen: 19.437 ug/L
RT: 9.642 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

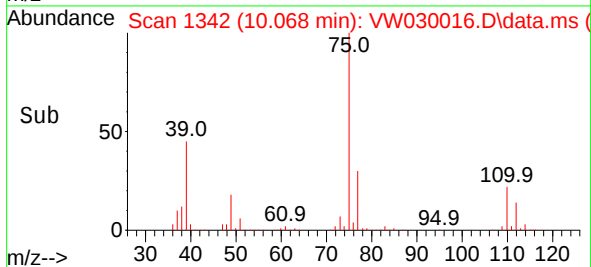
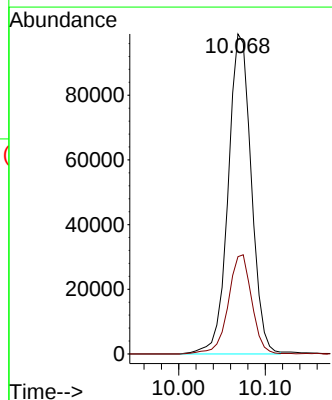
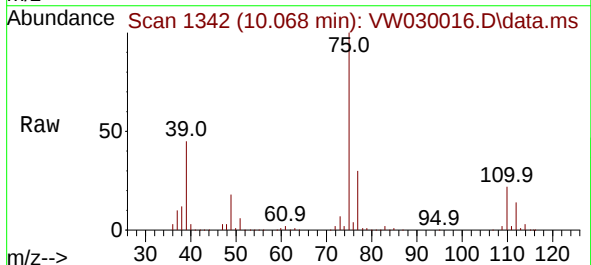
Instrument :
MSVOA_W
ClientSampleId :

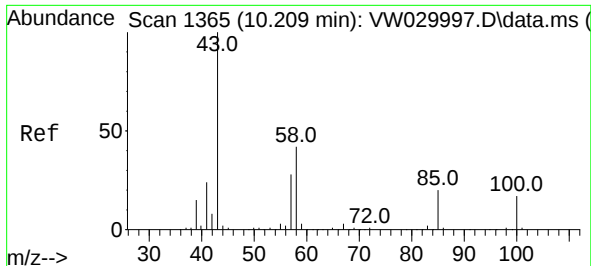
Tgt Ion: 83 Resp: 160653
Ion Ratio Lower Upper
83 100
85 61.5 46.6 86.6
127 8.4 5.9 8.9



#39
cis-1,3-Dichloropropene
Concen: 18.110 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

Tgt Ion: 75 Resp: 183052
Ion Ratio Lower Upper
75 100
77 30.4 20.8 38.6





#40

4-Methyl-2-pentanone

Concen: 34.888 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

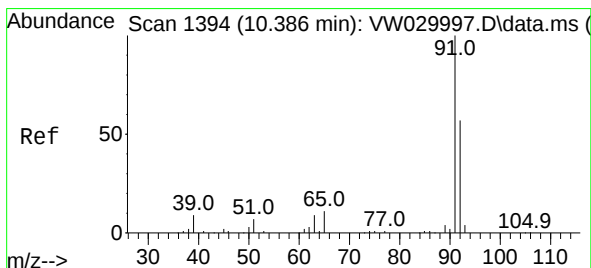
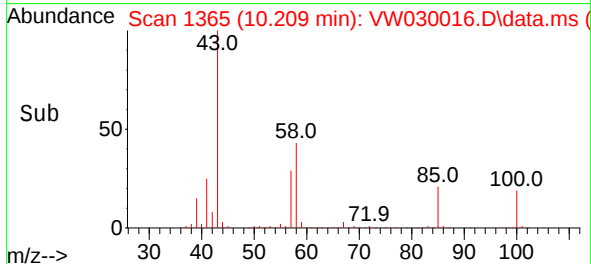
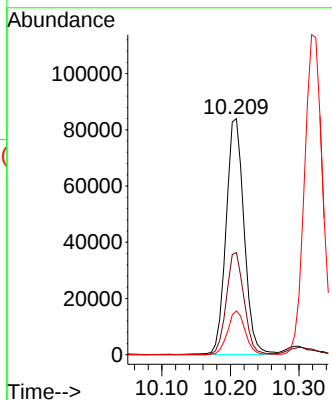
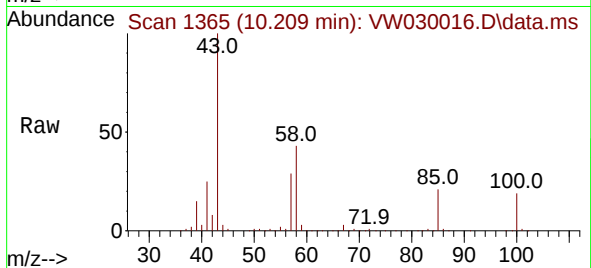
Tgt Ion: 43 Resp: 153805

Ion Ratio Lower Upper

43 100

58 42.4 28.7 43.1

100 18.1 10.0 15.0#



#42

Toluene

Concen: 18.378 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030016.D

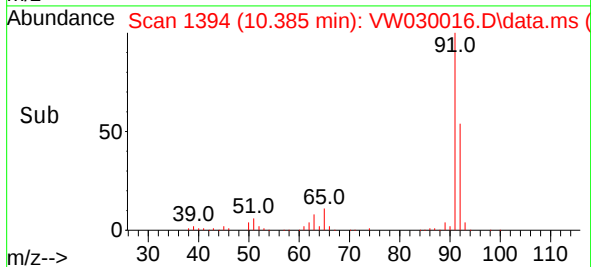
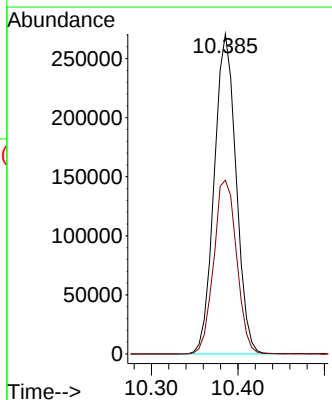
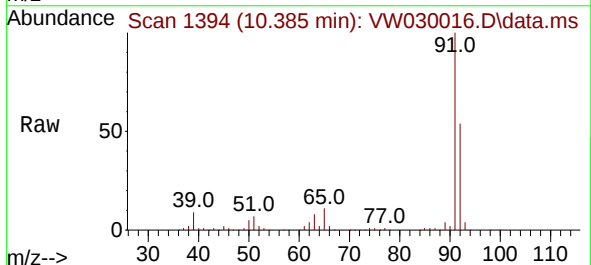
Acq: 23 Aug 2024 17:30

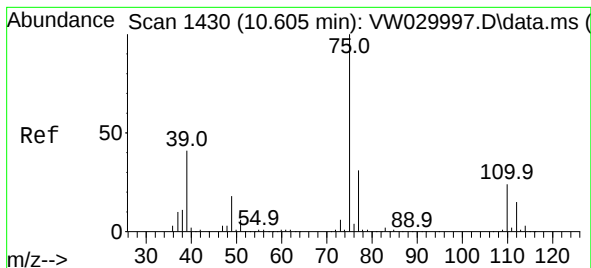
Tgt Ion: 91 Resp: 475126

Ion Ratio Lower Upper

91 100

92 54.3 39.5 73.4





#44

trans-1,3-Dichloropropene

Concen: 18.013 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

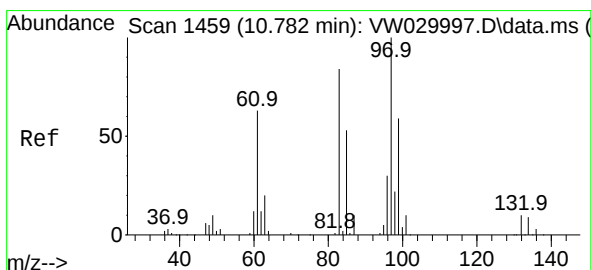
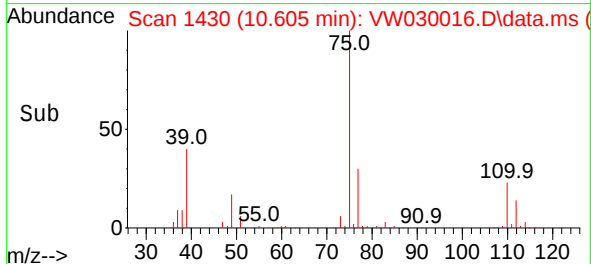
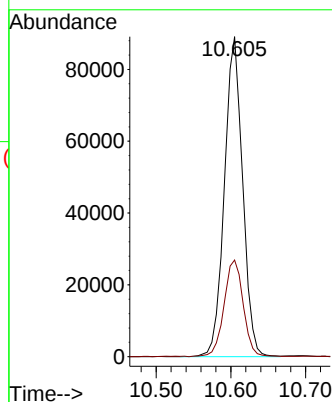
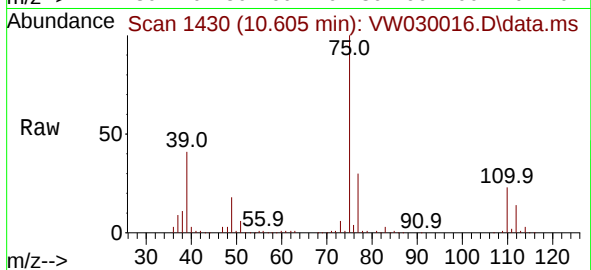
ClientSampleId :

Tgt Ion: 75 Resp: 151150

Ion Ratio Lower Upper

75 100

77 30.2 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 19.773 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Tgt Ion: 97 Resp: 92198

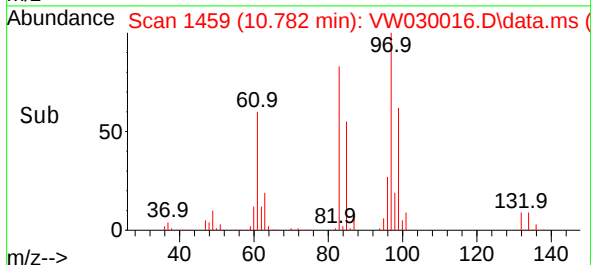
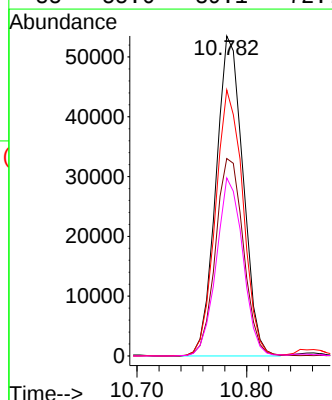
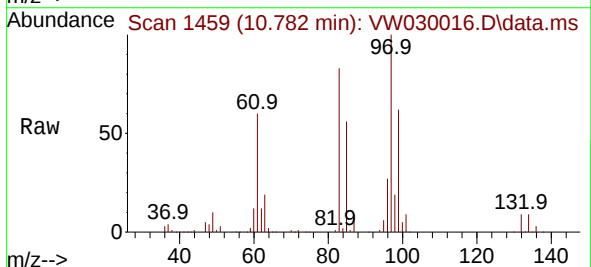
Ion Ratio Lower Upper

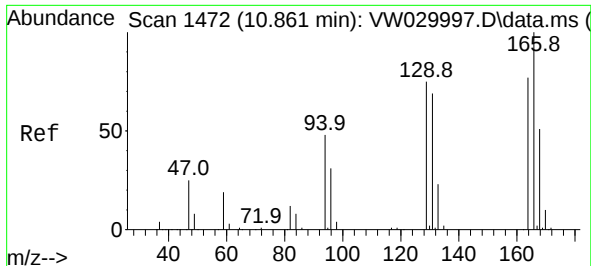
97 100

99 61.7 40.1 74.5

83 83.1 58.5 108.7

85 55.6 39.1 72.7





#46

Tetrachloroethene

Concen: 16.737 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

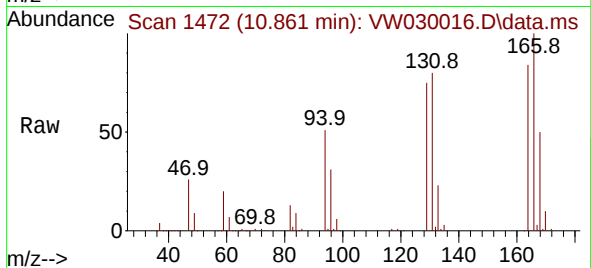
Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 80767

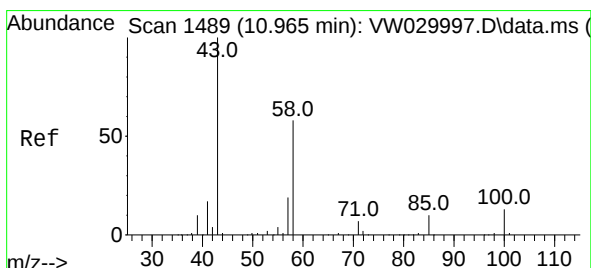
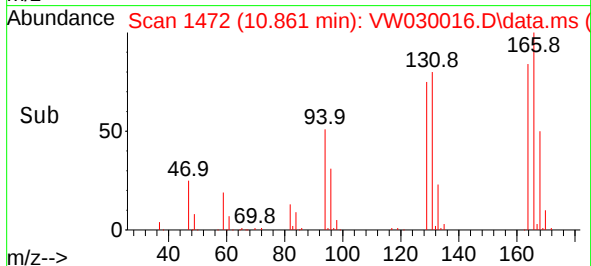
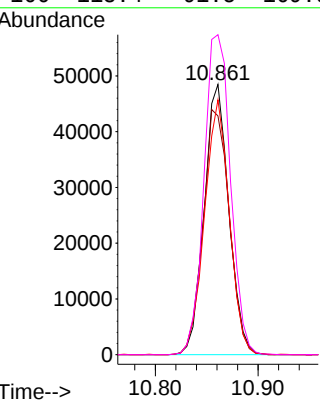
Ion Ratio Lower Upper

164 100

129 88.3 77.8 144.6

131 94.3 70.9 131.7

166 118.4 91.5 169.9



#48

2-Hexanone

Concen: 32.836 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Tgt Ion: 43 Resp: 108420

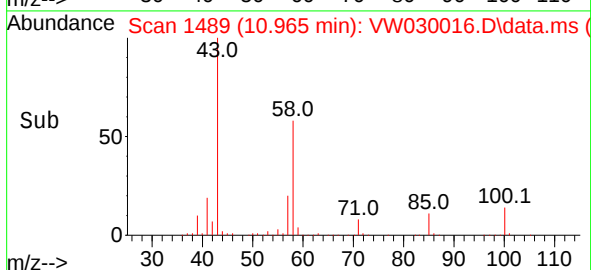
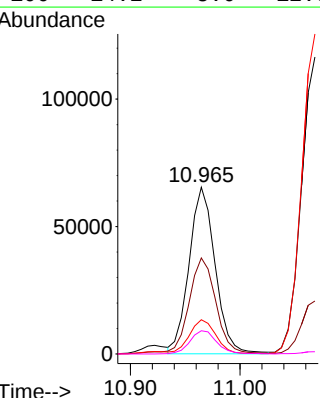
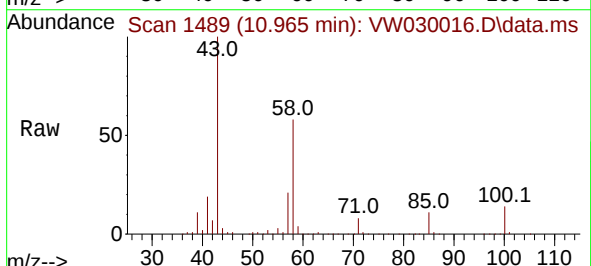
Ion Ratio Lower Upper

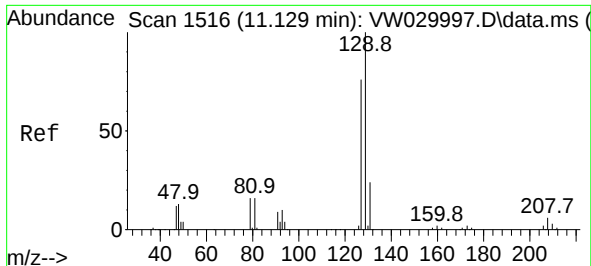
43 100

58 57.5 41.0 61.4

57 20.4 14.1 21.1

100 14.2 8.0 12.0#





#49

Dibromochloromethane

Concen: 20.219 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

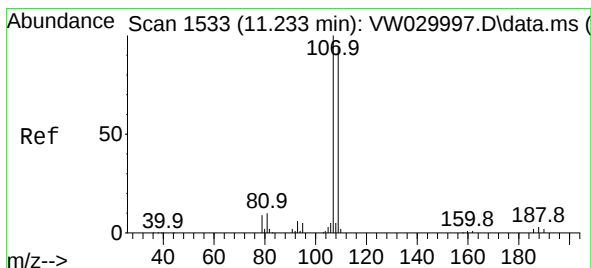
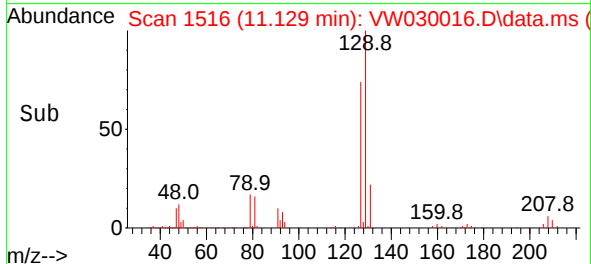
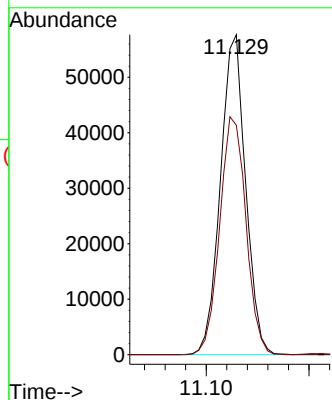
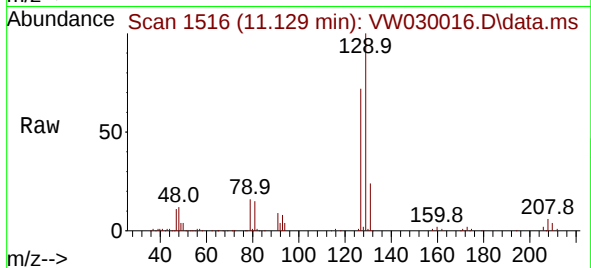
ClientSampleId :

Tgt Ion:129 Resp: 97872

Ion Ratio Lower Upper

129 100

127 71.7 52.4 97.2



#50

1,2-Dibromoethane

Concen: 20.057 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

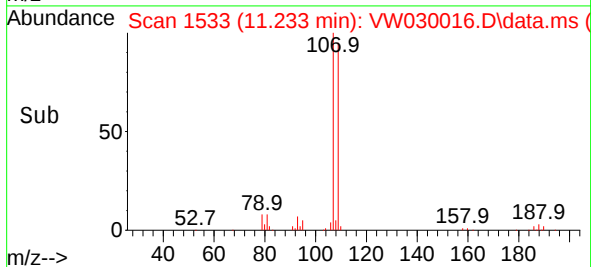
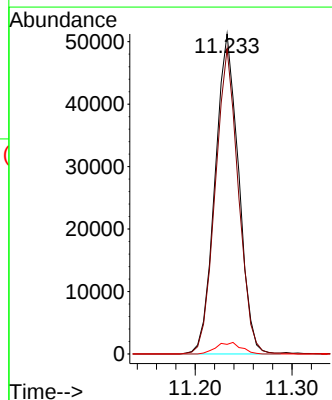
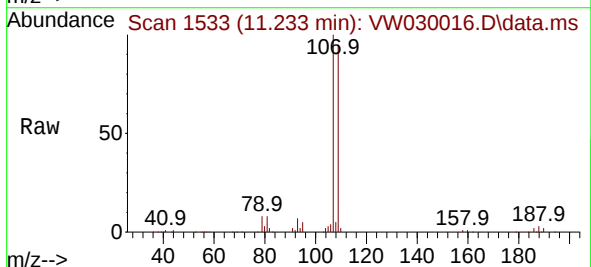
Tgt Ion:107 Resp: 86533

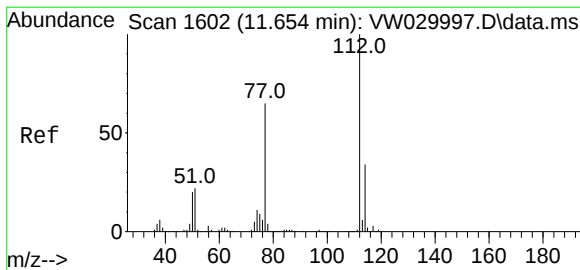
Ion Ratio Lower Upper

107 100

109 95.3 64.8 120.3

188 3.0 2.7 4.1

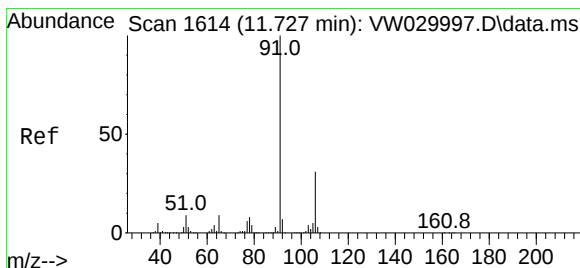
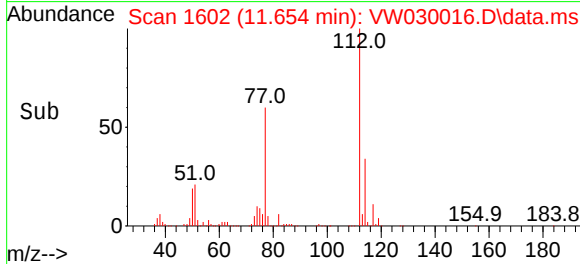
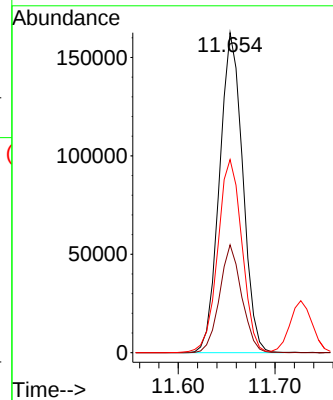
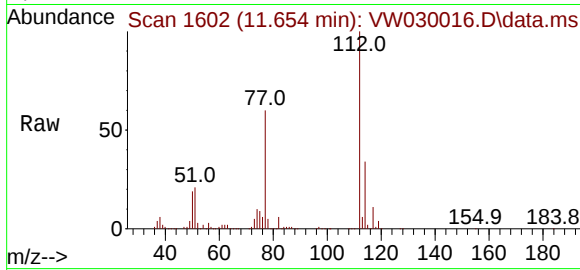




#51
Chlorobenzene
Concen: 16.871 ug/L
RT: 11.654 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

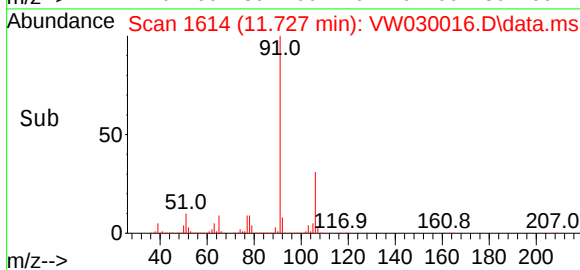
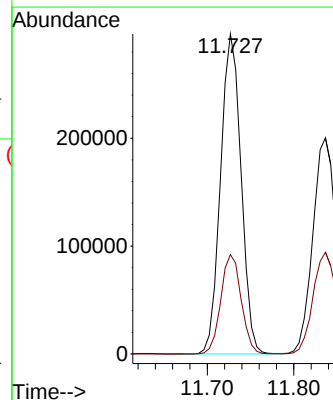
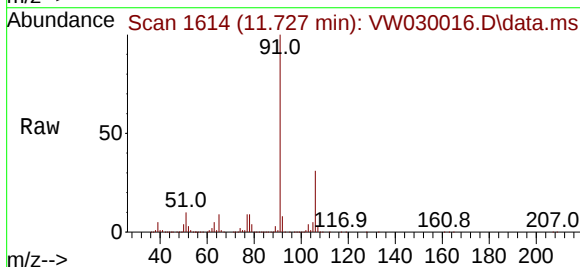
Instrument :
MSVOA_W
ClientSampleId :

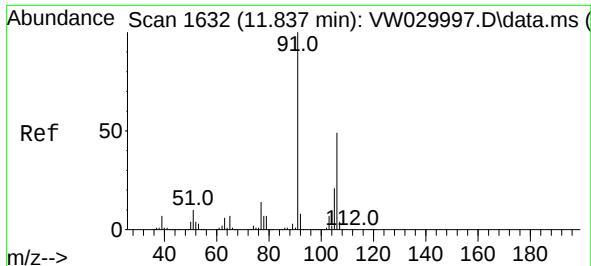
Tgt Ion:112 Resp: 271303
Ion Ratio Lower Upper
112 100
114 33.7 22.0 40.8
77 60.3 53.8 80.8



#52
Ethylbenzene
Concen: 16.739 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030016.D
Acq: 23 Aug 2024 17:30

Tgt Ion: 91 Resp: 488138
Ion Ratio Lower Upper
91 100
106 31.1 20.4 38.0





#53

m,p-Xylene

Concen: 16.692 ug/L

RT: 11.836 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

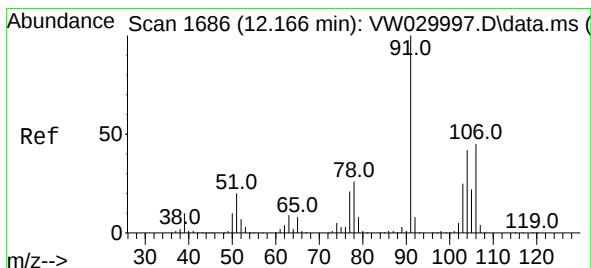
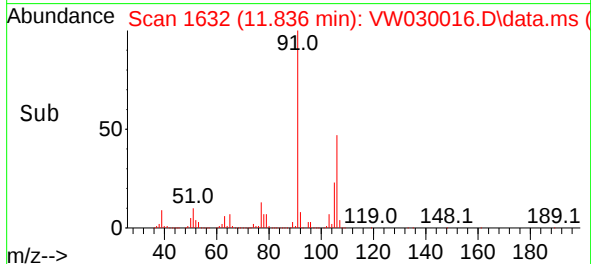
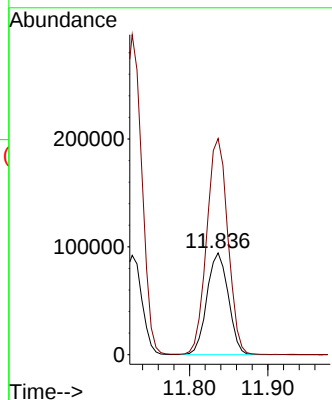
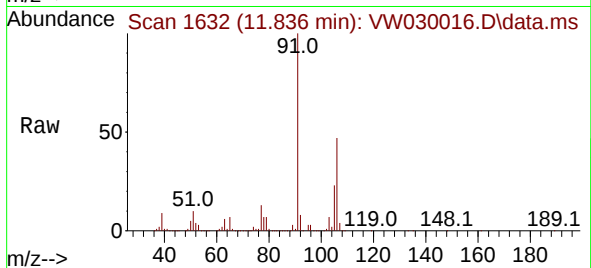
ClientSampleId :

Tgt Ion:106 Resp: 179022

Ion Ratio Lower Upper

106 100

91 212.3 151.4 281.2



#54

o-Xylene

Concen: 17.590 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW030016.D

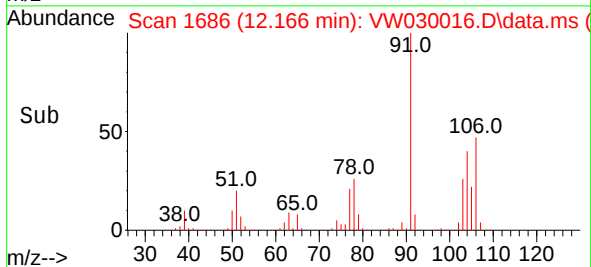
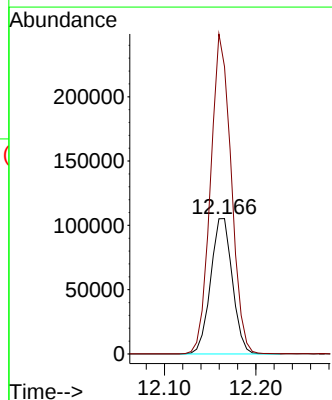
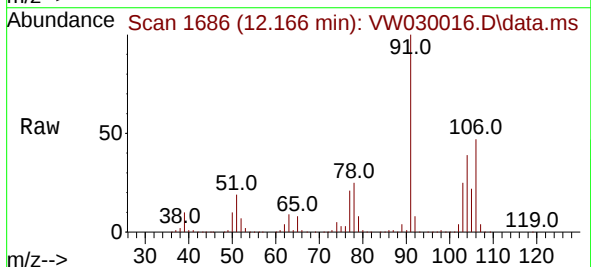
Acq: 23 Aug 2024 17:30

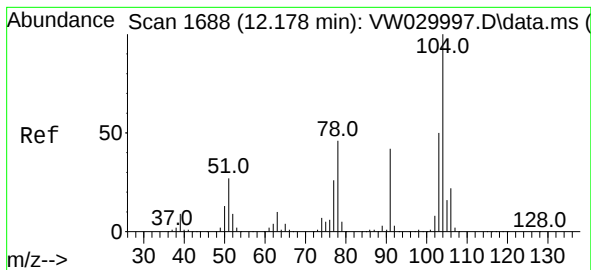
Tgt Ion:106 Resp: 173729

Ion Ratio Lower Upper

106 100

91 212.3 155.8 289.4





#55

Styrene

Concen: 15.680 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

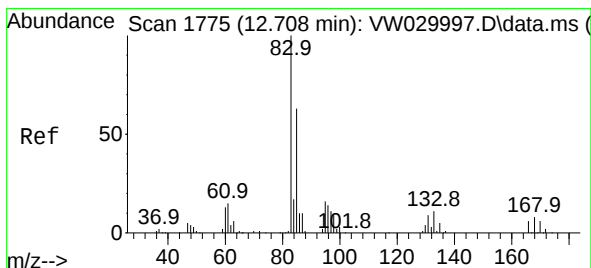
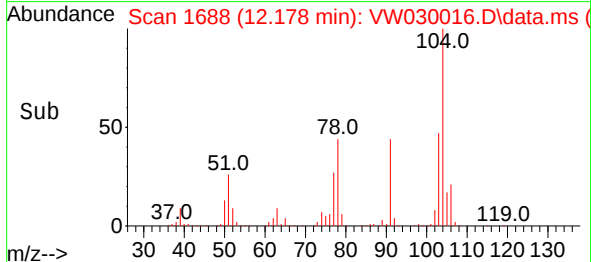
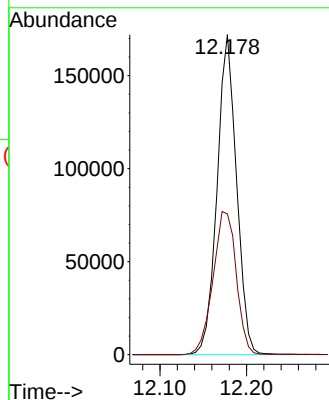
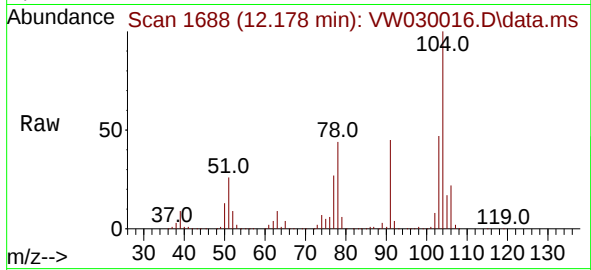
ClientSampleId :

Tgt Ion:104 Resp: 268440

Ion Ratio Lower Upper

104 100

78 44.0 33.3 61.9



#57

1,1,2,2-Tetrachloroethane

Concen: 17.818 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

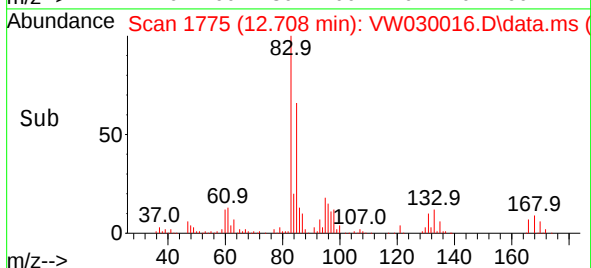
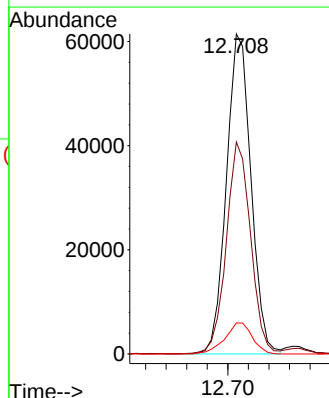
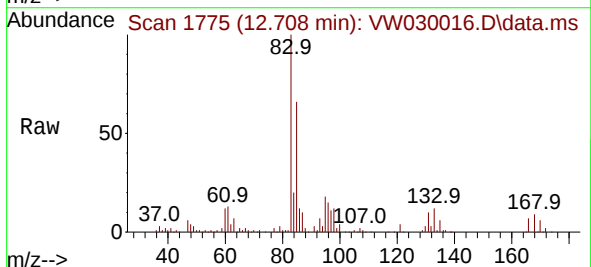
Tgt Ion: 83 Resp: 101972

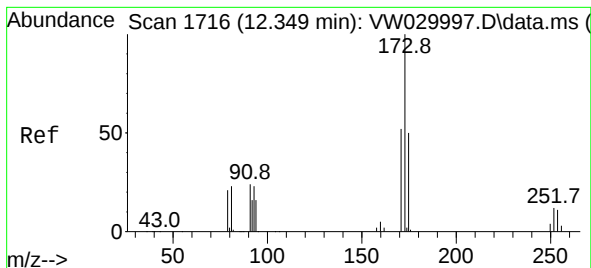
Ion Ratio Lower Upper

83 100

85 66.3 44.2 82.0

131 9.7 6.2 9.2#





#59

Bromoform

Concen: 25.591 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW030016.D

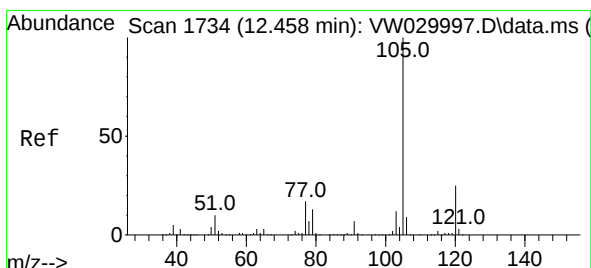
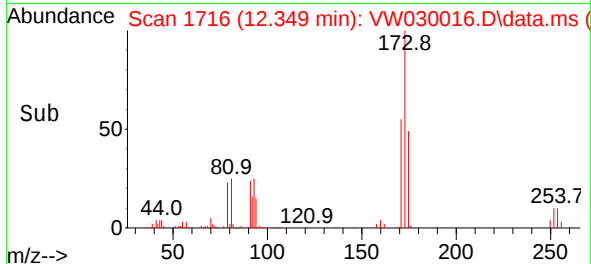
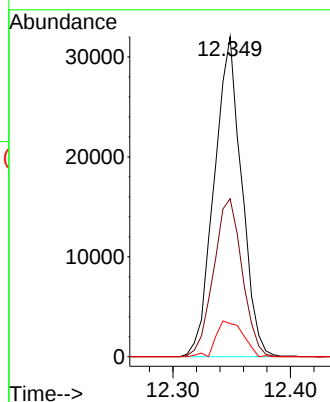
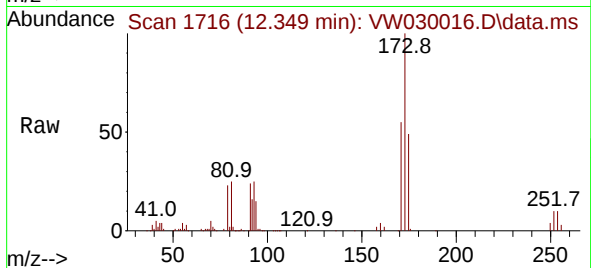
Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	51945
Ion Ratio	Lower	Upper
173	100	
175	51.4	38.1 57.1
254	10.6	7.8 11.6



#60

Isopropylbenzene

Concen: 21.954 ug/L

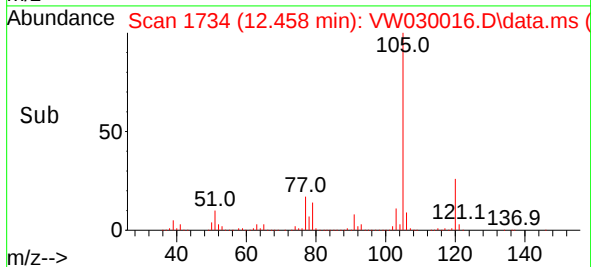
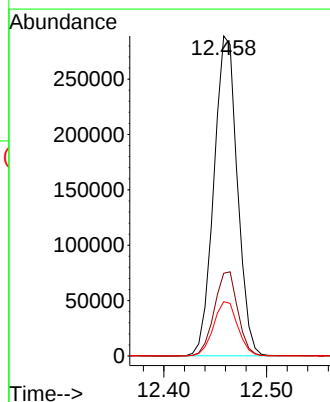
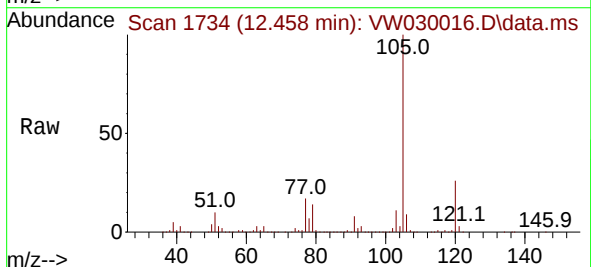
RT: 12.458 min Scan# 1734

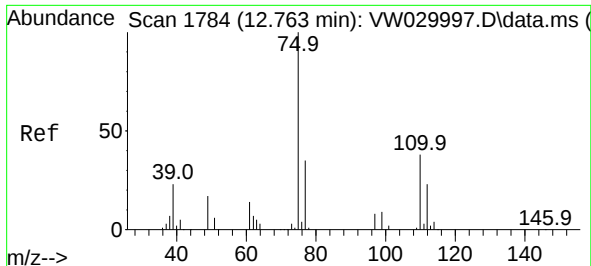
Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Tgt Ion:105	Resp:	458278
Ion Ratio	Lower	Upper
105	100	
120	26.3	20.3 30.5
77	17.5	14.0 21.0





#61

1,2,3-Trichloropropane

Concen: 23.375 ug/L

RT: 12.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030016.D

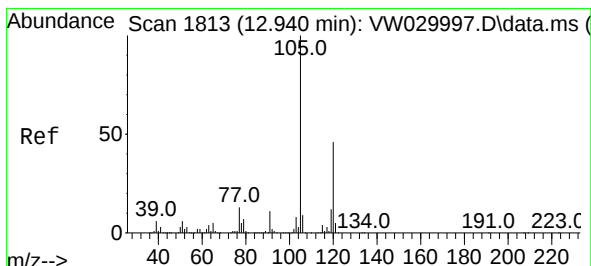
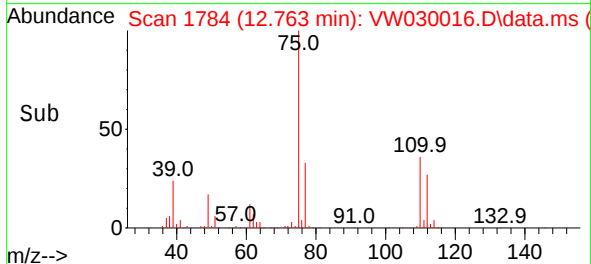
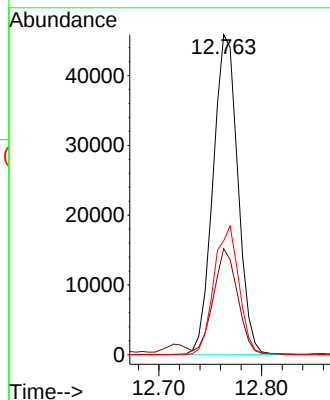
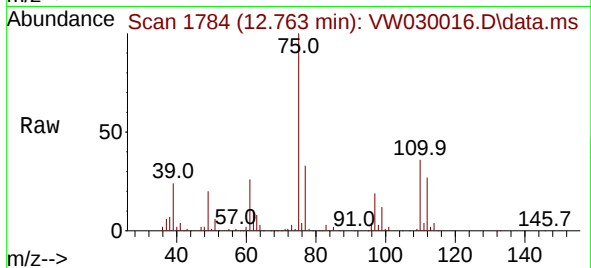
Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	76693
Ion Ratio	Lower	Upper	
75	100		
77	32.3	25.4	38.0
110	40.6	28.6	43.0



#62

1,3,5-Trimethylbenzene

Concen: 22.070 ug/L

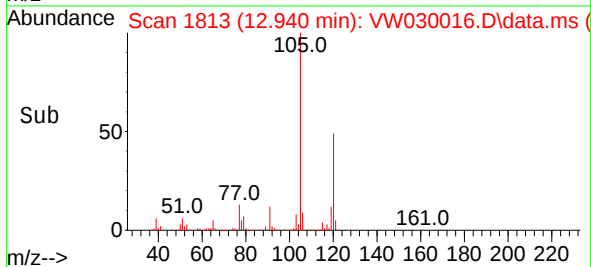
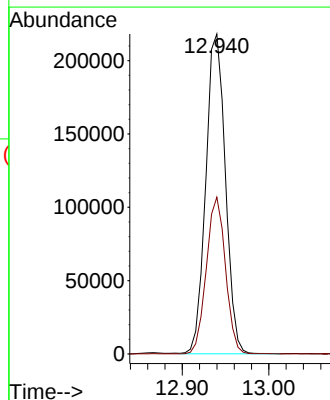
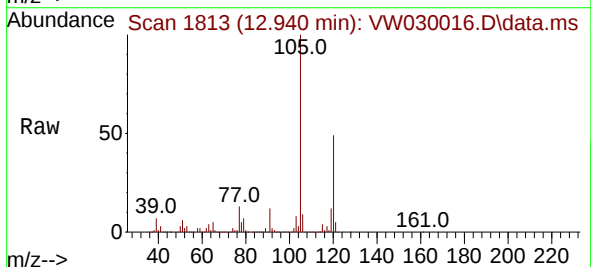
RT: 12.940 min Scan# 1813

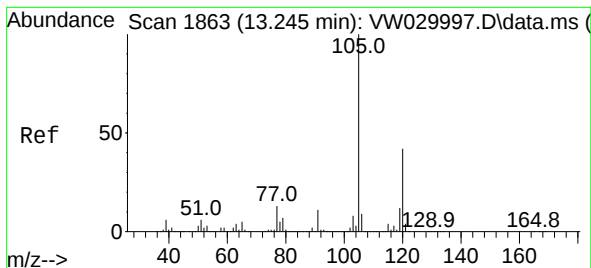
Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Tgt Ion:	105	Resp:	342435
Ion Ratio	Lower	Upper	
105	100		
120	48.0	38.2	57.2





#63

1,2,4-Trimethylbenzene

Concen: 20.387 ug/L

RT: 13.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

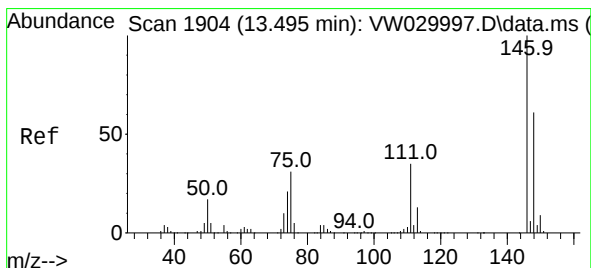
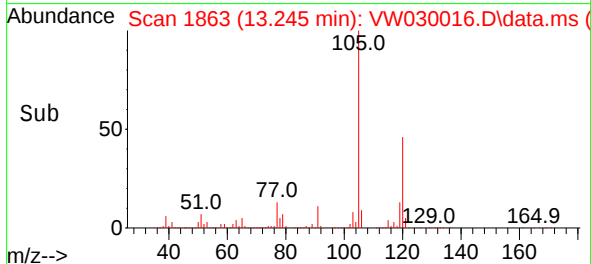
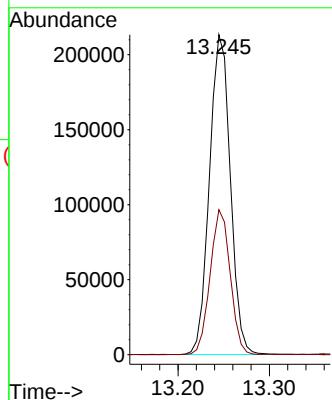
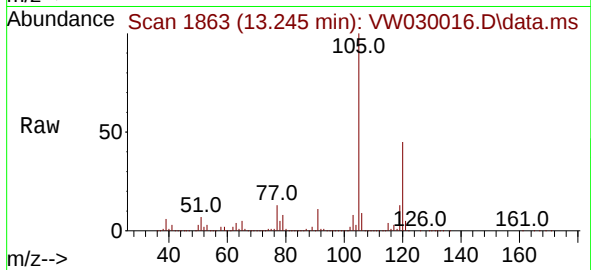
ClientSampleId :

Tgt Ion:105 Resp: 338288

Ion Ratio Lower Upper

105 100

120 43.6 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 17.949 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

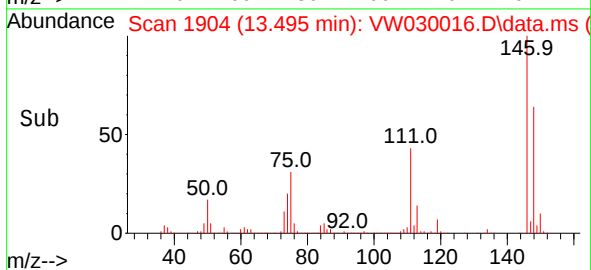
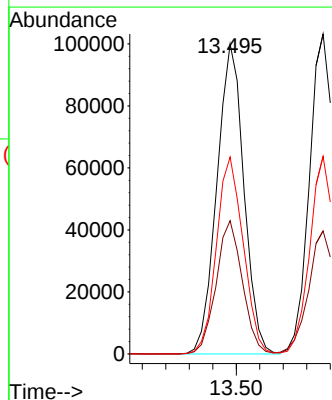
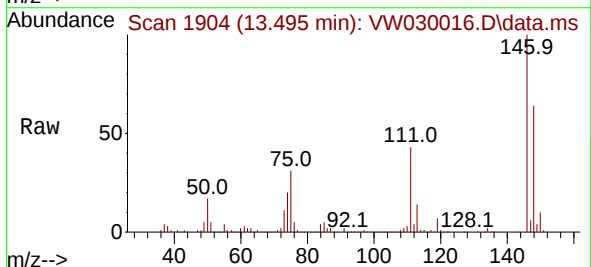
Tgt Ion:146 Resp: 159862

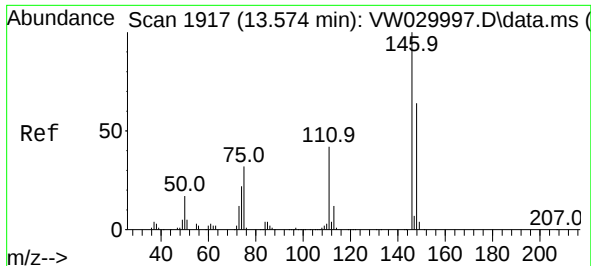
Ion Ratio Lower Upper

146 100

111 43.0 28.7 53.3

148 63.6 43.4 80.6





#65

1,4-Dichlorobenzene

Concen: 17.923 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

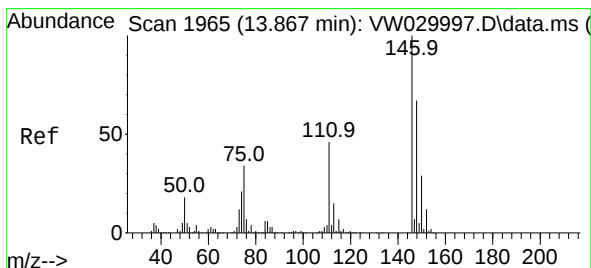
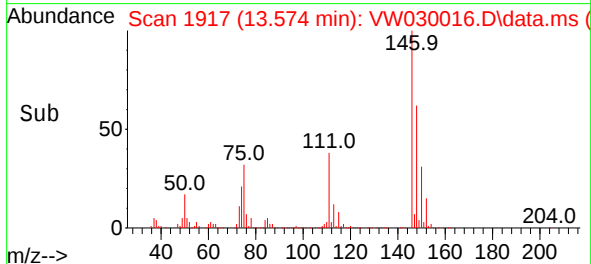
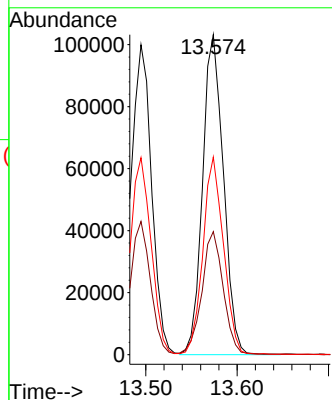
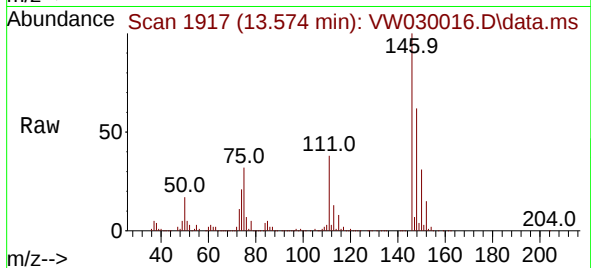
Tgt Ion:146 Resp: 163967

Ion Ratio Lower Upper

146 100

111 38.5 30.1 55.9

148 61.7 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 17.366 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

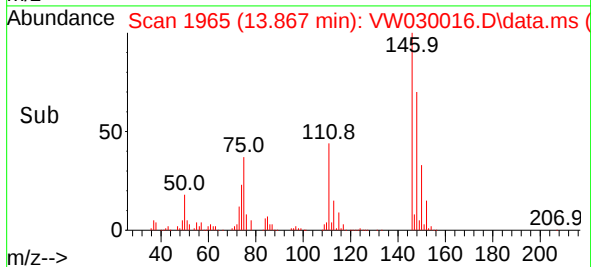
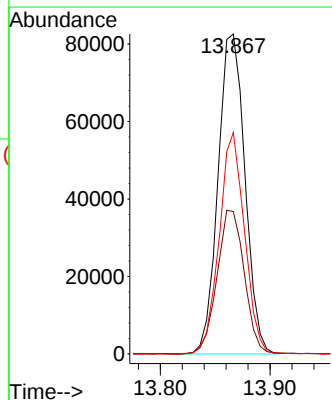
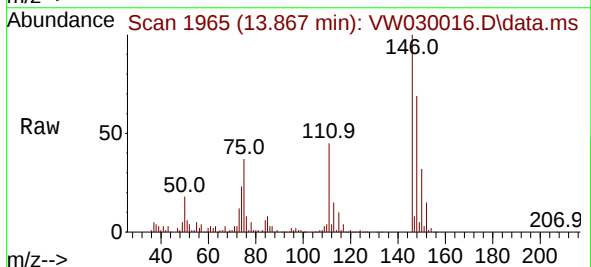
Tgt Ion:146 Resp: 140814

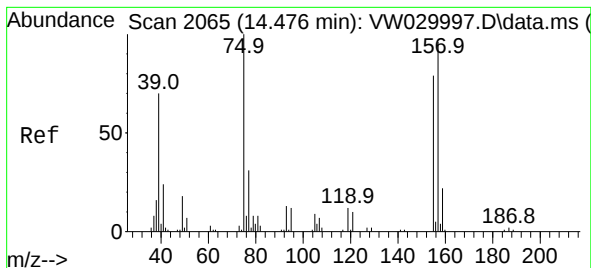
Ion Ratio Lower Upper

146 100

111 44.5 35.8 53.8

148 69.3 52.6 78.8





#68

1,2-Dibromo-3-chloropropane

Concen: 23.008 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

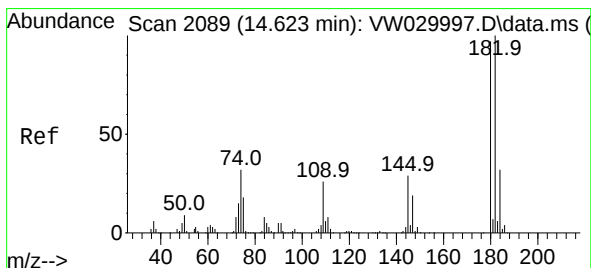
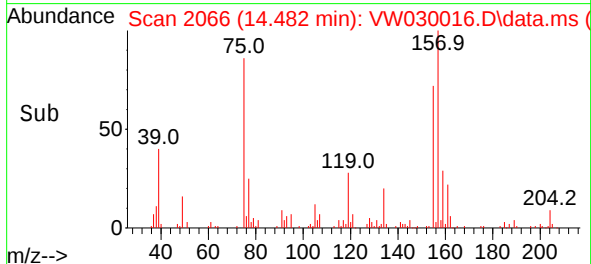
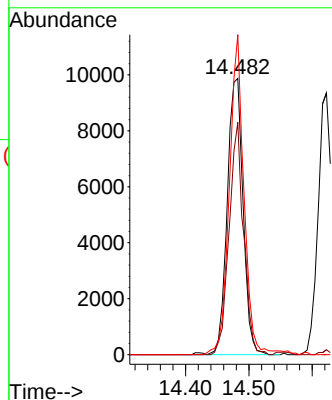
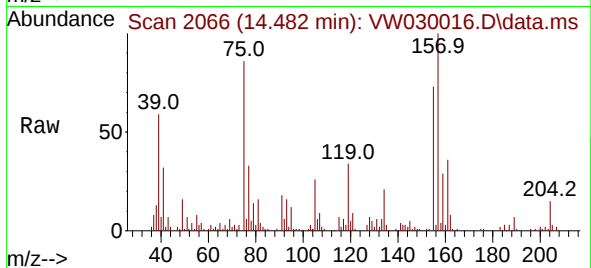
Tgt Ion: 75 Resp: 17140

Ion Ratio Lower Upper

75 100

155 84.1 47.8 71.6#

157 115.8 63.7 95.5#



#69

1,3,5-Trichlorobenzene

Concen: 12.702 ug/L

RT: 14.616 min Scan# 2088

Delta R.T. -0.006 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Tgt Ion:180 Resp: 77397

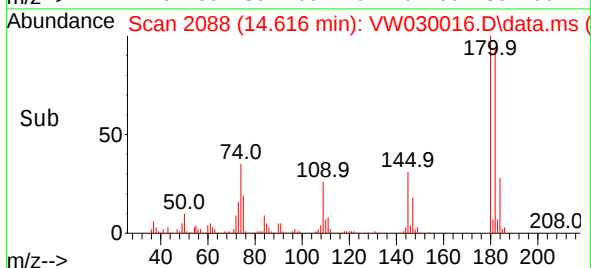
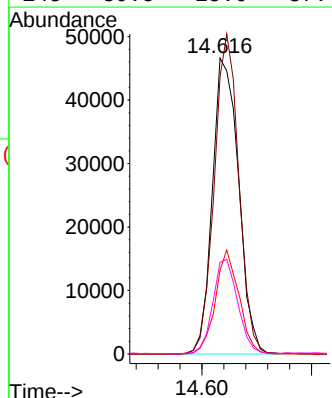
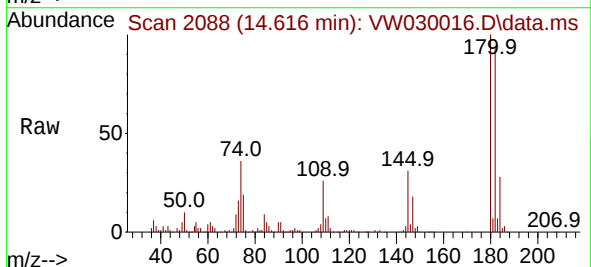
Ion Ratio Lower Upper

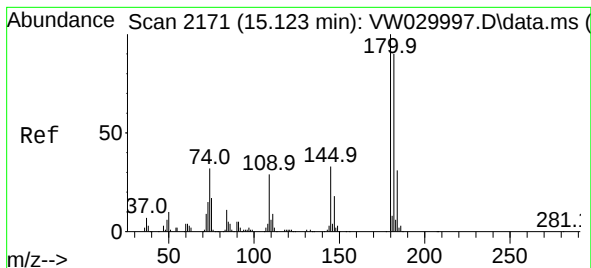
180 100

182 100.9 72.7 109.1

184 31.5 23.3 34.9

145 30.5 25.0 37.4





#70

1,2,4-trichlorobenzene

Concen: 11.696 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

Instrument :

MSVOA_W

ClientSampleId :

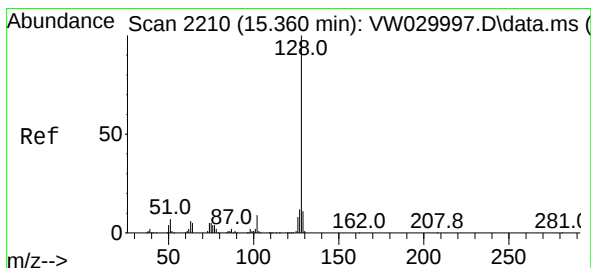
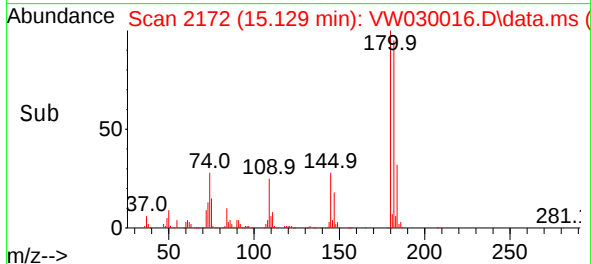
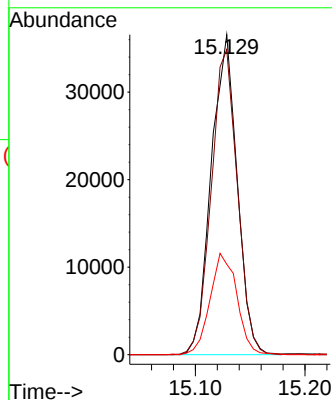
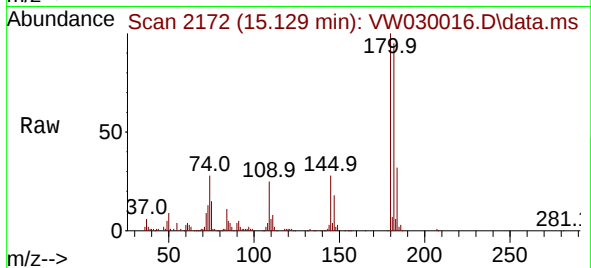
Tgt Ion:180 Resp: 60041

Ion Ratio Lower Upper

180 100

182 96.4 80.2 120.4

145 32.9 26.3 39.5



#71

Naphthalene

Concen: 14.697 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030016.D

Acq: 23 Aug 2024 17:30

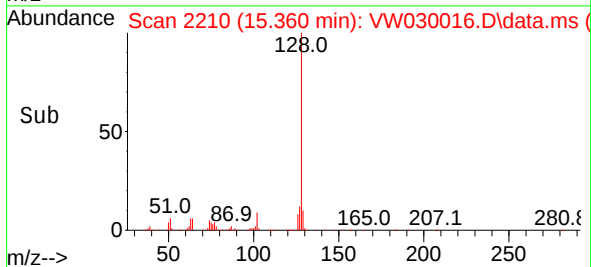
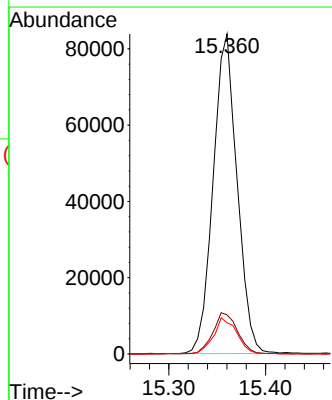
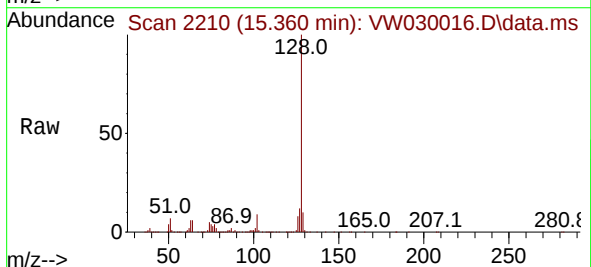
Tgt Ion:128 Resp: 143967

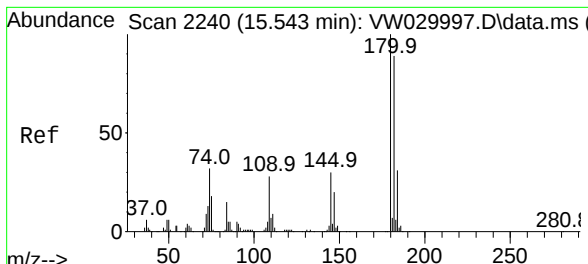
Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.1 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 10.119 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW030016.D
 Acq: 23 Aug 2024 17:30

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	180	Resp:	47019
Ion Ratio	Lower	Upper	
180	100		
182	97.2	74.0	111.0
145	33.8	27.5	41.3

