

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031179.D
 Acq On : 10 Dec 2024 08:59
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 00:21:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 01:12:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247338	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	220072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	106766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	77695	20.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.640%
7) Chloroethane-d5	2.893	69	63252	21.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
11) 1,1-Dichloroethene-d2	4.015	65	36788	21.184	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.720%
21) 2-Butanone-d5	7.099	46	34535	51.880	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.760%
24) Chloroform-d	7.648	84	174831	24.134	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	8.300	65	90556	25.404	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	8.270	84	309341	22.870	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.480%
36) 1,2-Dichloropropane-d6	9.270	67	99524	25.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.318	98	283991	23.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	10.574	79	37786	23.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.760%
47) 2-Hexanone-d5	10.922	63	24025	51.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.520%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	71222	26.636	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	83851	22.111	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	73971	23.683	ug/L	94
3) Chloromethane	2.222	50	95983	26.056	ug/L	98
5) Vinyl chloride	2.369	62	114151	25.797	ug/L	97
6) Bromomethane	2.789	94	69010	24.525	ug/L	98
8) Chloroethane	2.929	64	65302	24.672	ug/L	95
9) Trichlorofluoromethane	3.259	101	105962	22.758	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92377	26.115	ug/L	# 79
12) 1,1-Dichloroethene	4.039	96	84813	24.145	ug/L	77
13) Acetone	4.167	43	56484	47.131	ug/L	73
14) Carbon disulfide	4.387	76	286019	24.828	ug/L	98
16) Methylene chloride	4.917	84	88991	24.859	ug/L	89
17) trans-1,2-Dichloroethene	5.423	96	89206	23.890	ug/L	86
18) Methyl tert-butyl Ether	5.429	73	126751	24.264	ug/L	96
19) 1,1-Dichloroethane	6.215	63	187793	27.343	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	92557	23.599	ug/L	88
22) 2-Butanone	7.185	43	58939	52.330	ug/L	92
23) Bromochloromethane	7.508	128	38386	23.051	ug/L	# 75
25) Chloroform	7.673	83	188514	26.390	ug/L	96
27) 1,2-Dichloroethane	8.398	62	123762	28.128	ug/L	# 95

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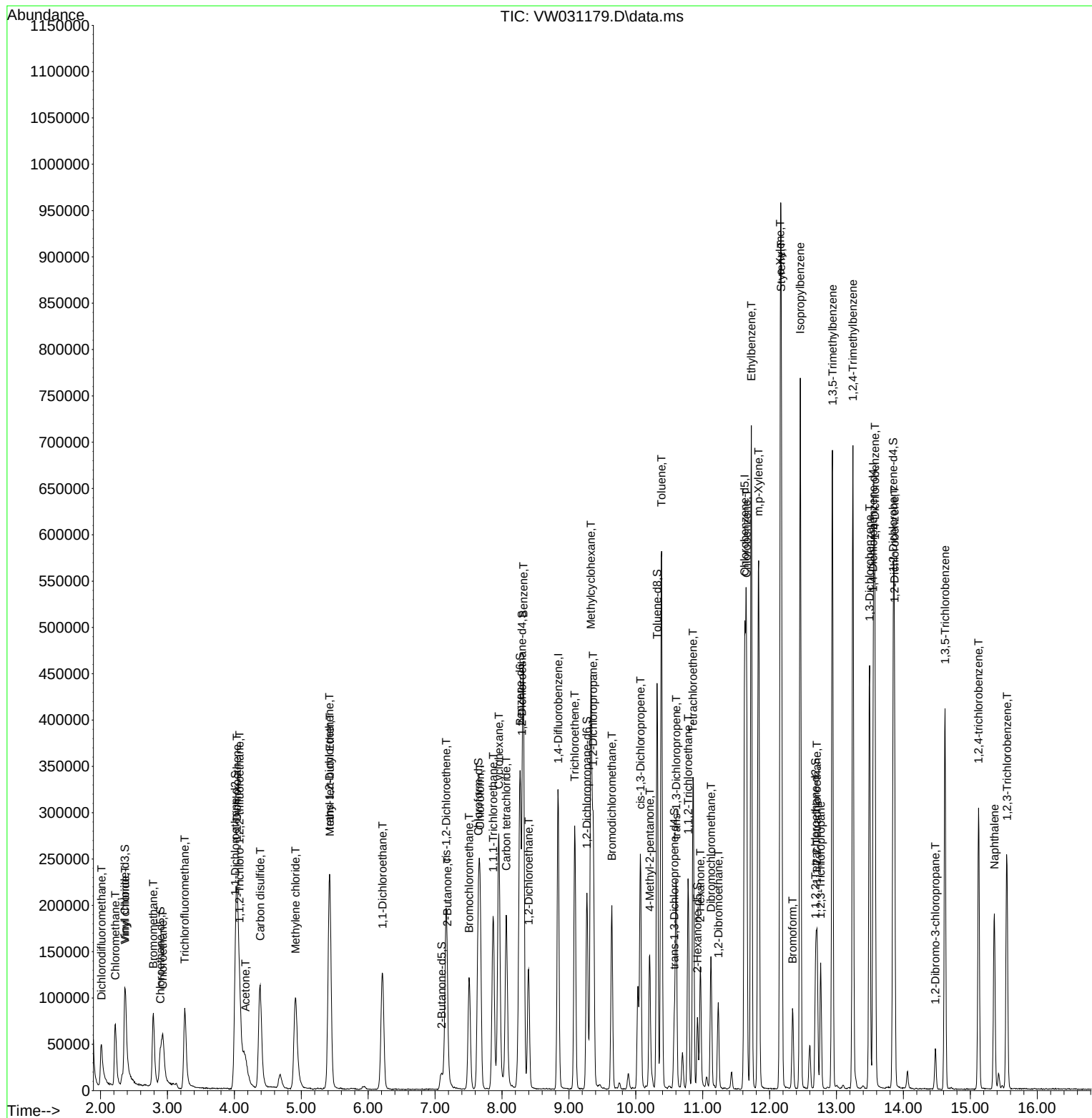
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	159691	28.828	ug/L	90
30) 1,1,1-Trichloroethane	7.868	97	148893	25.118	ug/L #	93
31) Carbon tetrachloride	8.063	117	134267	24.787	ug/L	98
33) Benzene	8.319	78	398903	26.804	ug/L	100
34) Trichloroethene	9.087	95	102983	25.087	ug/L	95
35) Methylcyclohexane	9.331	83	168858	25.850	ug/L	91
37) 1,2-Dichloropropane	9.361	63	105680	28.546	ug/L	97
38) Bromodichloromethane	9.642	83	130442	26.919	ug/L	90
39) cis-1,3-Dichloropropene	10.068	75	150362	26.901	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	98657	59.512	ug/L #	94
42) Toluene	10.385	91	426581	27.211	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	123939	26.972	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	66523	26.147	ug/L	94
46) Tetrachloroethene	10.855	164	68014	22.350	ug/L	96
48) 2-Hexanone	10.965	43	84037	56.032	ug/L #	89
49) Dibromochloromethane	11.123	129	70445	25.134	ug/L	88
50) 1,2-Dibromoethane	11.233	107	60994	25.654	ug/L #	84
51) Chlorobenzene	11.653	112	241968	24.180	ug/L #	88
52) Ethylbenzene	11.727	91	481466	27.102	ug/L	95
53) m,p-Xylene	11.836	106	166709	25.215	ug/L	89
54) o-Xylene	12.160	106	152748	24.834	ug/L	88
55) Styrene	12.172	104	265290	25.622	ug/L	80
57) 1,1,2,2-Tetrachloroethane	12.708	83	74079	26.877	ug/L	96
59) Bromoform	12.342	173	35024	22.450	ug/L #	87
60) Isopropylbenzene	12.458	105	437663	25.393	ug/L	95
61) 1,2,3-Trichloropropane	12.763	75	55275	27.707	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	358043	26.381	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	349125	26.186	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	166953	22.212	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	175191	23.075	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	157520	23.958	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	12191	28.143	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.622	180	110119	21.562	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	87727	21.906	ug/L	95
71) Naphthalene	15.360	128	152216	23.593	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	76216	22.235	ug/L	99

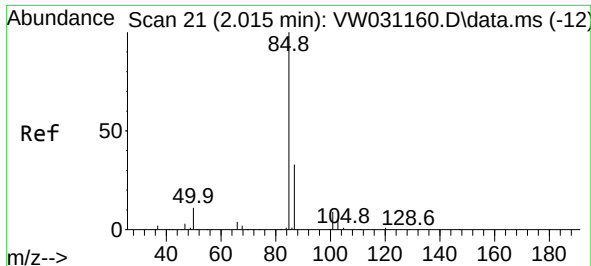
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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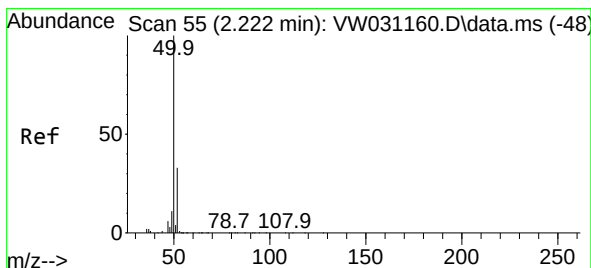
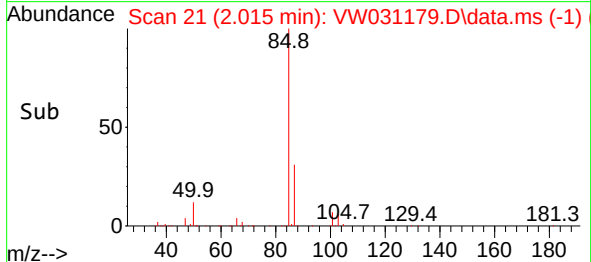
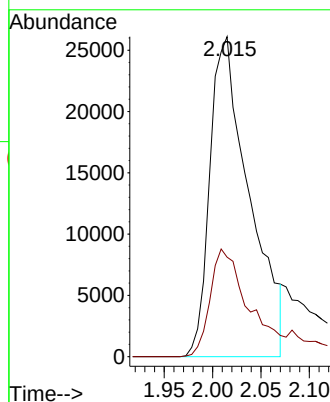
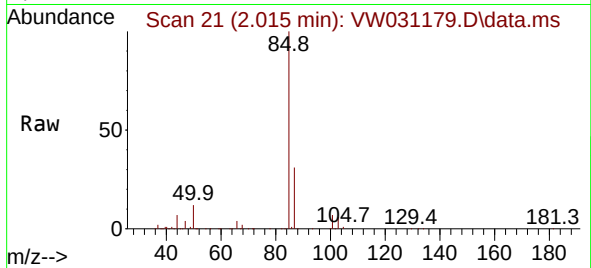




#2
Dichlorodifluoromethane
Concen: 23.683 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

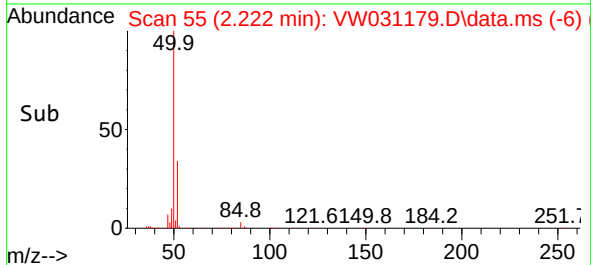
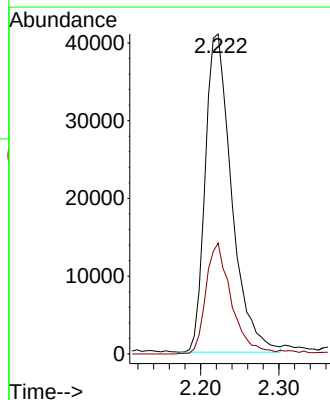
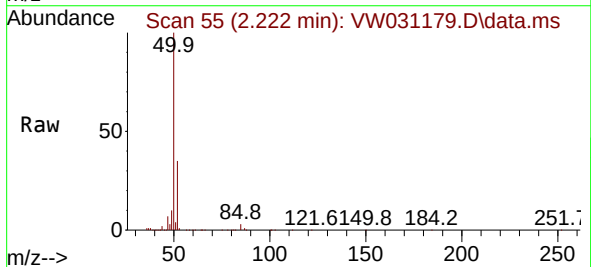
Instrument :
MSVOA_W
ClientSampleId :

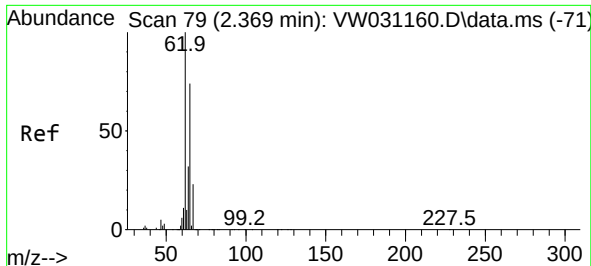
Tgt Ion: 85 Resp: 73971
Ion Ratio Lower Upper
85 100
87 26.3 23.8 35.6



#3
Chloromethane
Concen: 26.056 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Tgt Ion: 50 Resp: 95983
Ion Ratio Lower Upper
50 100
52 34.7 23.4 43.6

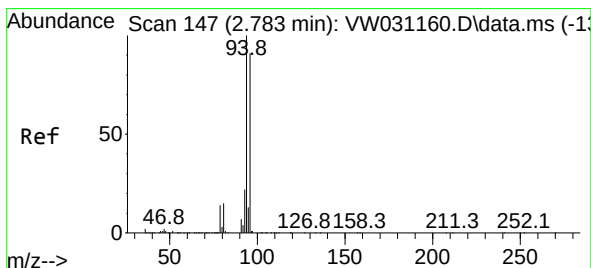
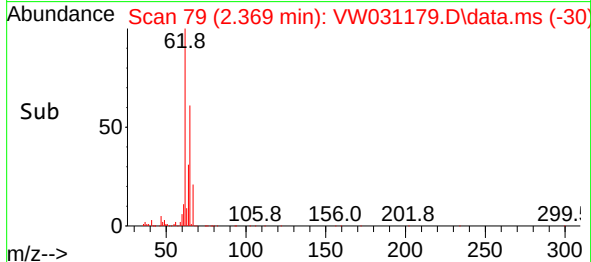
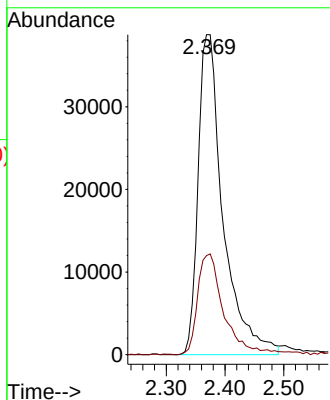
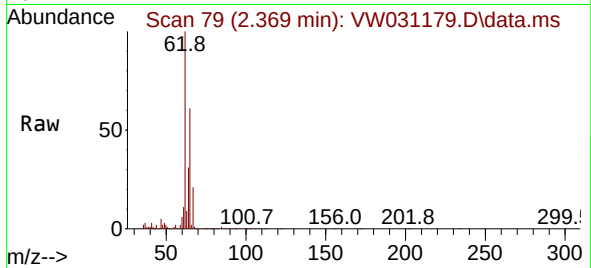




#5
 Vinyl chloride
 Concen: 25.797 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031179.D
 Acq: 10 Dec 2024 08:59

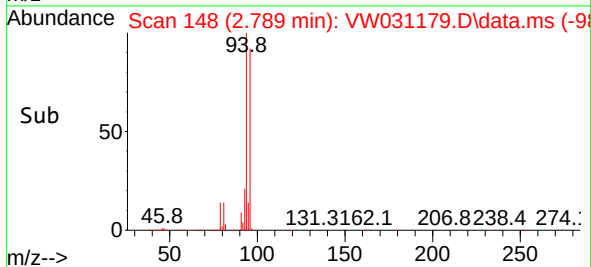
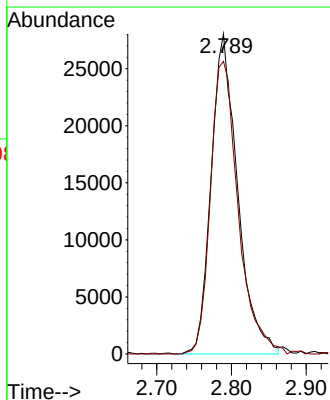
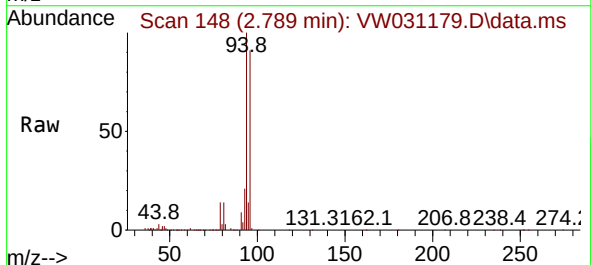
Instrument :
 MSVOA_W
 ClientSampleId :

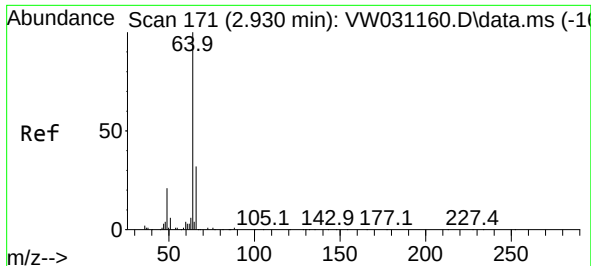
Tgt Ion: 62 Resp: 114151
 Ion Ratio Lower Upper
 62 100
 64 31.0 22.7 42.1



#6
 Bromomethane
 Concen: 24.525 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW031179.D
 Acq: 10 Dec 2024 08:59

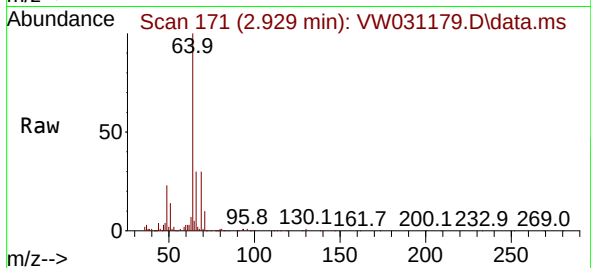
Tgt Ion: 94 Resp: 69010
 Ion Ratio Lower Upper
 94 100
 96 91.4 62.6 116.3



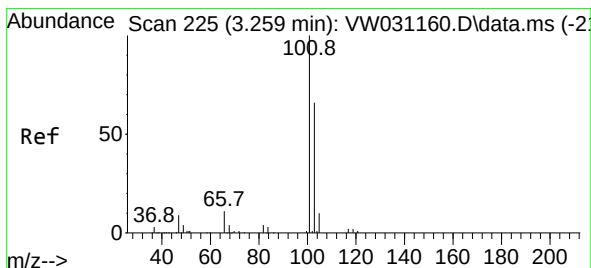
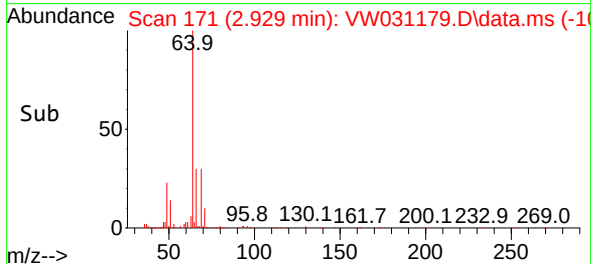
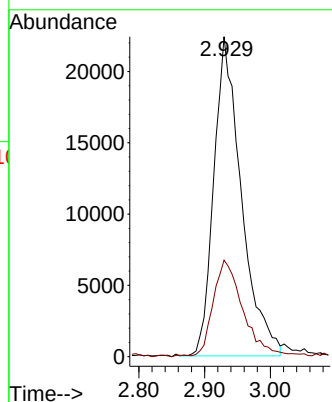


#8
Chloroethane
Concen: 24.672 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Instrument :
MSVOA_W
ClientSampleId :

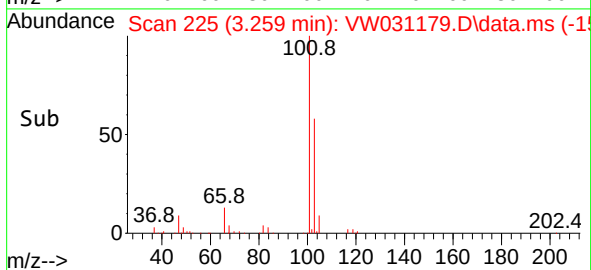
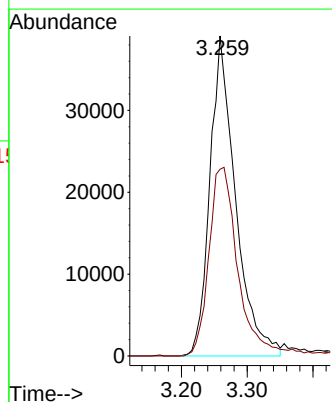
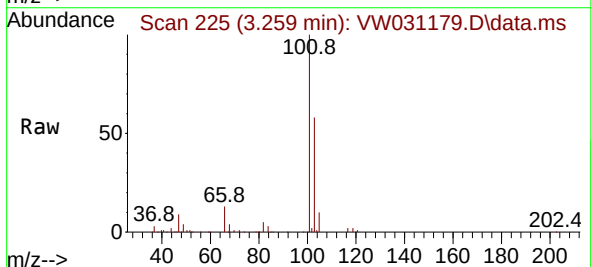


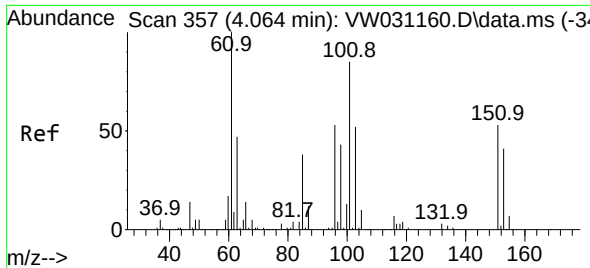
Tgt Ion: 64 Resp: 65302
Ion Ratio Lower Upper
64 100
66 30.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.758 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Tgt Ion: 101 Resp: 105962
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1

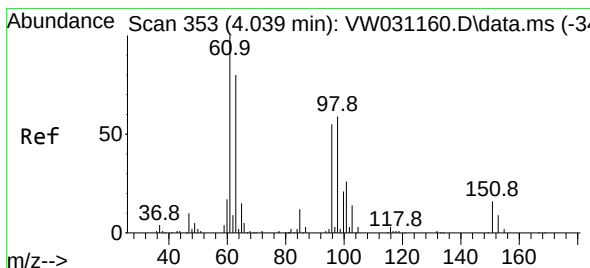
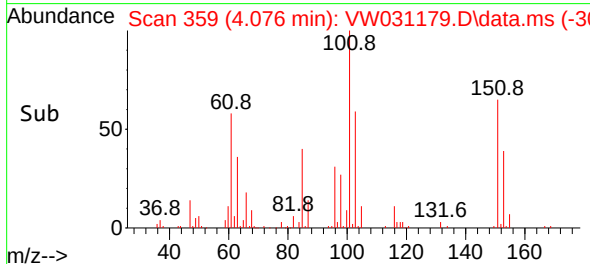
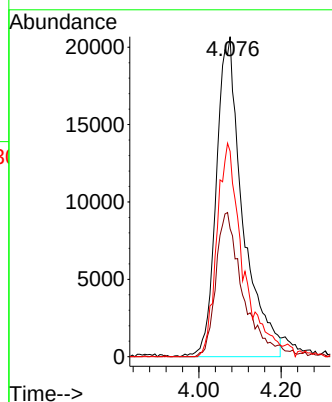
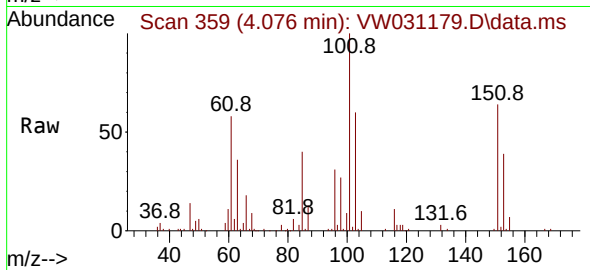




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.115 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.012 min
 Lab File: VW031179.D
 Acq: 10 Dec 2024 08:59

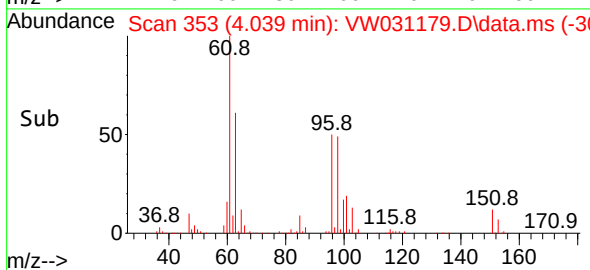
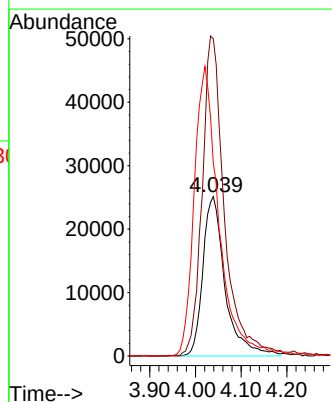
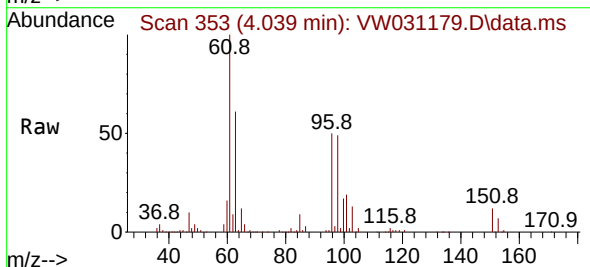
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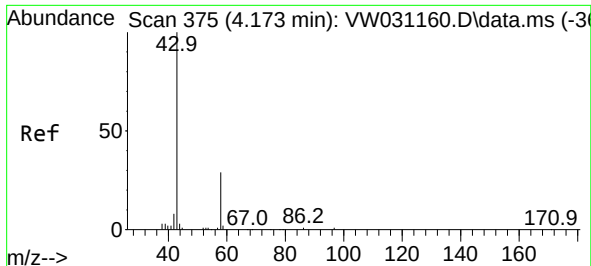
Tgt Ion:101 Resp: 92377
 Ion Ratio Lower Upper
 101 100
 85 38.4 33.9 50.9
 151 51.4 61.8 92.6#



#12
 1,1-Dichloroethene
 Concen: 24.145 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031179.D
 Acq: 10 Dec 2024 08:59

Tgt Ion: 96 Resp: 84813
 Ion Ratio Lower Upper
 96 100
 61 198.9 113.5 210.9
 63 120.9 73.8 137.2





#13

Acetone

Concen: 47.131 ug/L

RT: 4.167 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW031179.D

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Instrument :

MSVOA_W

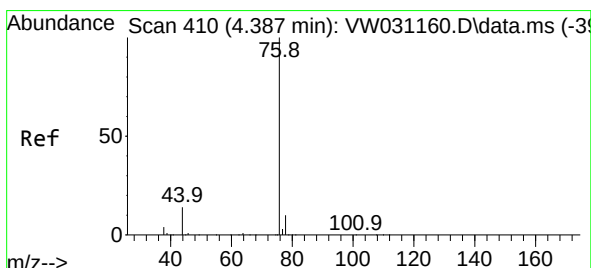
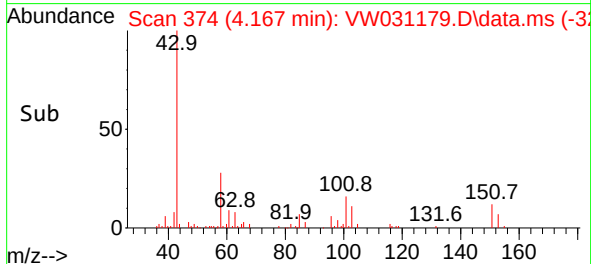
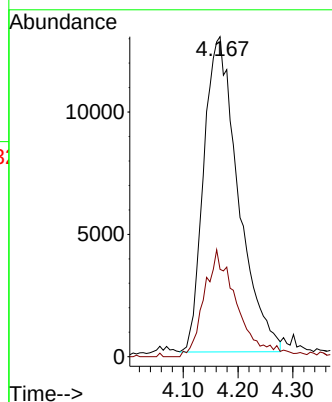
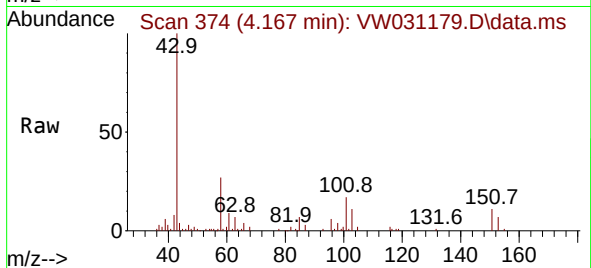
ClientSampleId :

Tgt Ion: 43 Resp: 56484

Ion Ratio Lower Upper

43 100

58 18.1 0.0 67.2



#14

Carbon disulfide

Concen: 24.828 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

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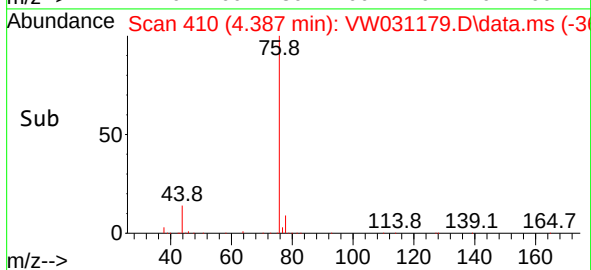
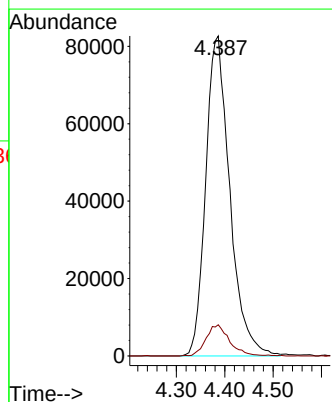
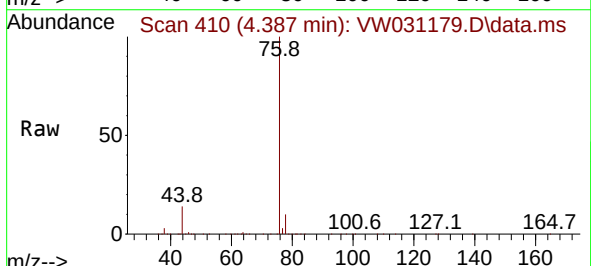
Acq: 10 Dec 2024 08:59

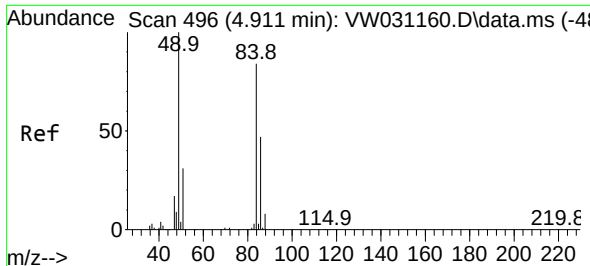
Tgt Ion: 76 Resp: 286019

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2

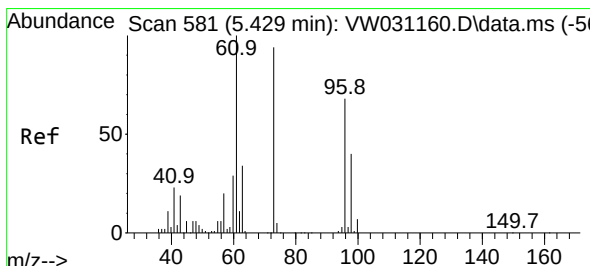
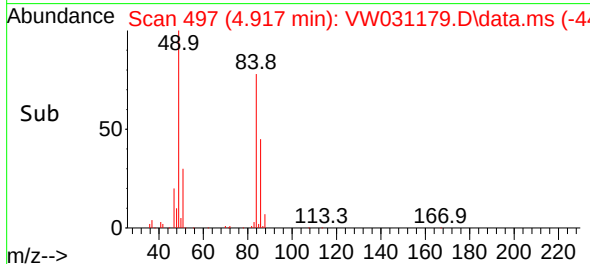
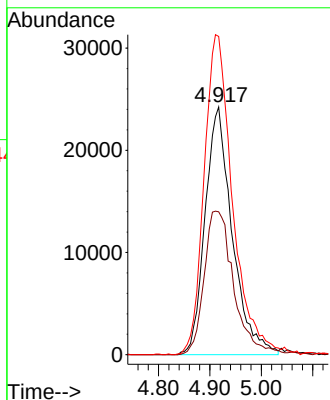
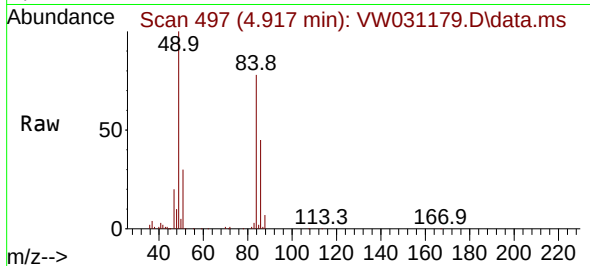




#16
Methylene chloride
Concen: 24.859 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

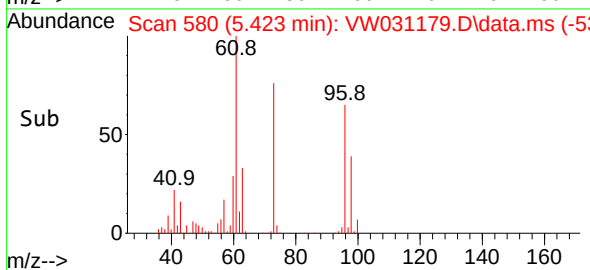
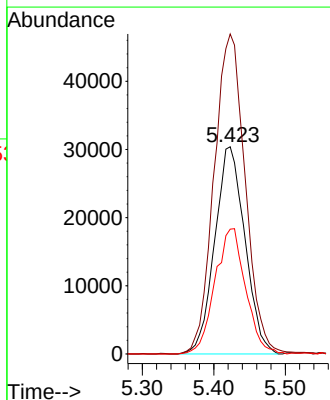
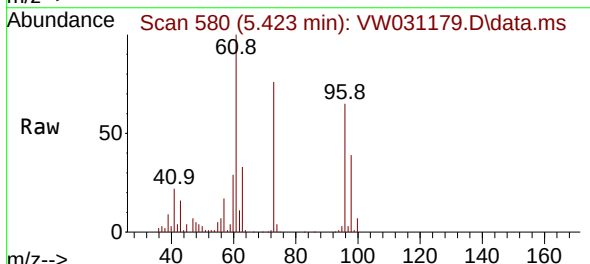
Instrument :
MSVOA_W
ClientSampleId :

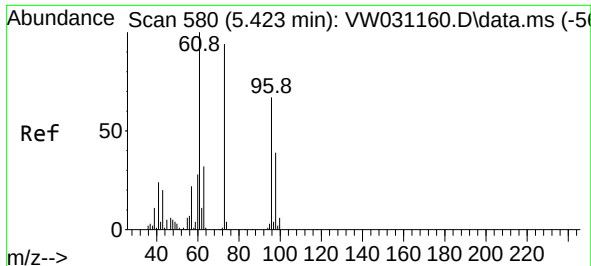
Tgt Ion: 84 Resp: 88991
Ion Ratio Lower Upper
84 100
86 57.7 44.9 83.5
49 128.4 79.9 148.5



#17
trans-1,2-Dichloroethene
Concen: 23.890 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

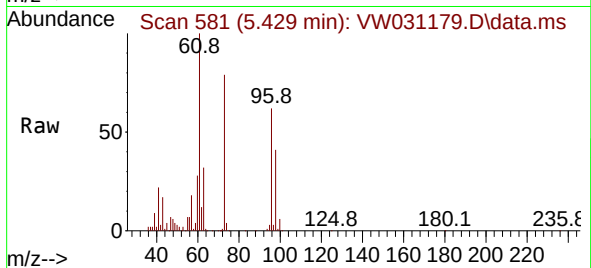
Tgt Ion: 96 Resp: 89206
Ion Ratio Lower Upper
96 100
61 154.4 92.7 172.3
98 60.2 44.4 82.4



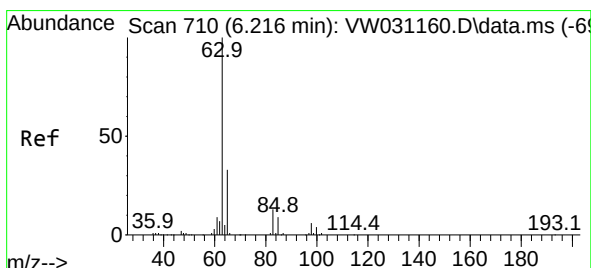
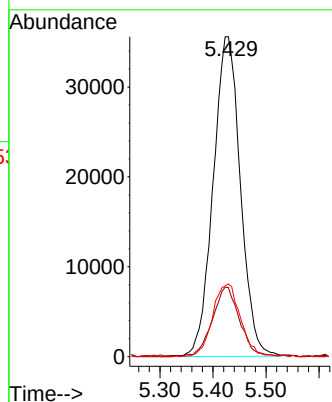
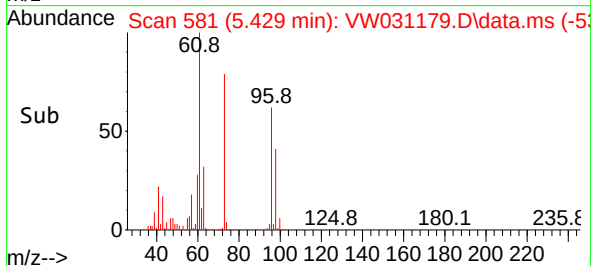


#18
Methyl tert-butyl Ether
Concen: 24.264 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Instrument :
MSVOA_W
ClientSampleId :

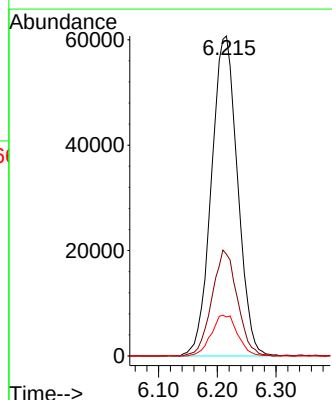
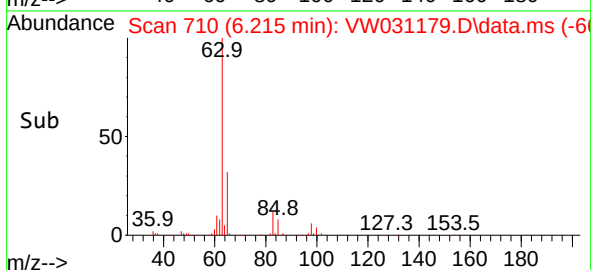
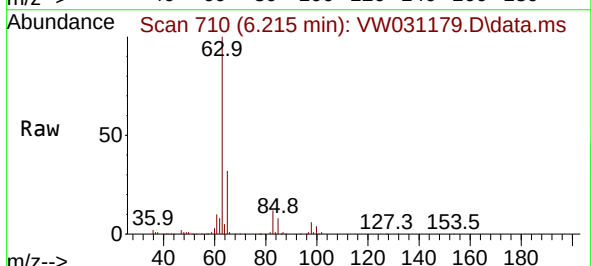


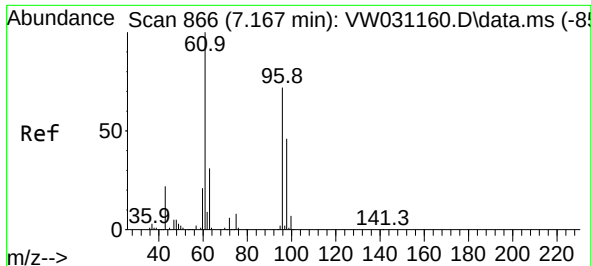
Tgt Ion: 73 Resp: 126751
Ion Ratio Lower Upper
73 100
43 21.6 15.4 23.0
57 23.0 17.6 26.4



#19
1,1-Dichloroethane
Concen: 27.343 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Tgt Ion: 63 Resp: 187793
Ion Ratio Lower Upper
63 100
65 31.8 21.7 40.3
83 13.0 8.9 16.5

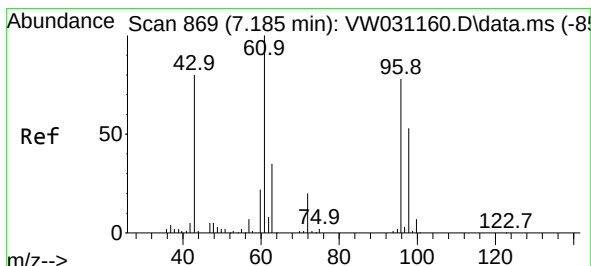
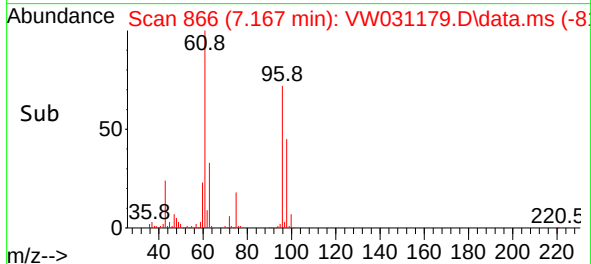
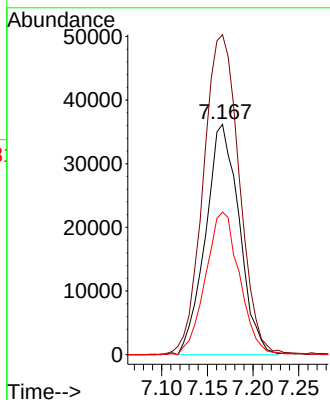
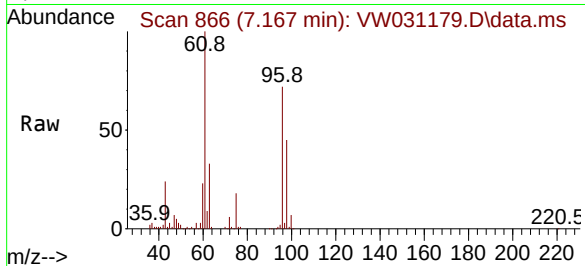




#20
 cis-1,2-Dichloroethene
 Concen: 23.599 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW031179.D
 Acq: 10 Dec 2024 08:59

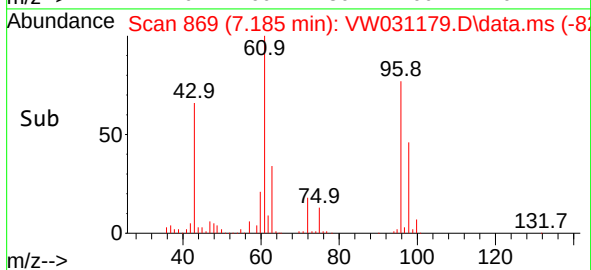
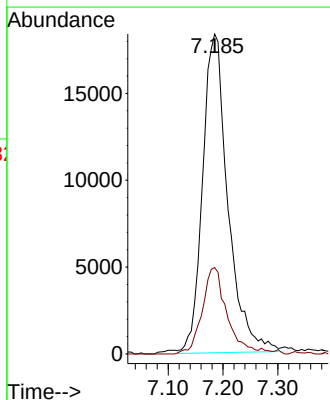
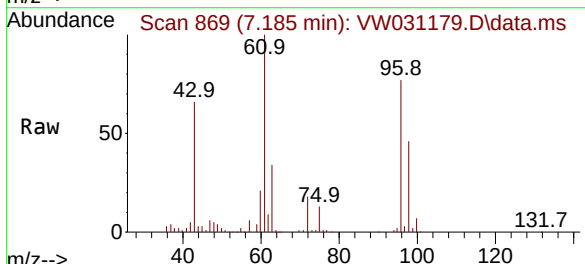
Instrument :
 MSVOA_W
 ClientSampleId :

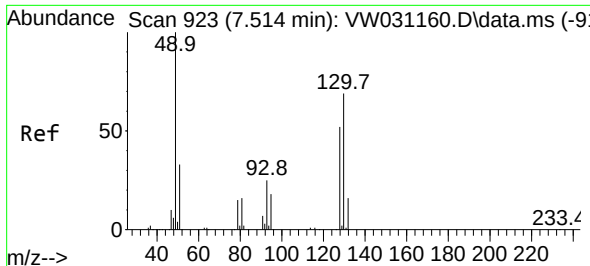
Tgt Ion: 96 Resp: 92557
 Ion Ratio Lower Upper
 96 100
 61 138.9 83.7 155.5
 98 61.9 43.9 81.5



#22
 2-Butanone
 Concen: 52.330 ug/L
 RT: 7.185 min Scan# 869
 Delta R.T. -0.000 min
 Lab File: VW031179.D
 Acq: 10 Dec 2024 08:59

Tgt Ion: 43 Resp: 58939
 Ion Ratio Lower Upper
 43 100
 72 25.6 14.9 44.7

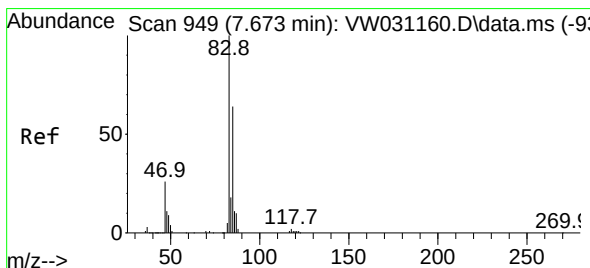
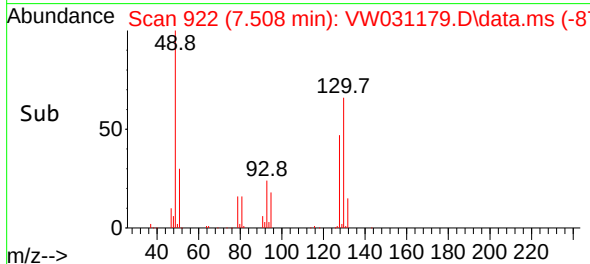
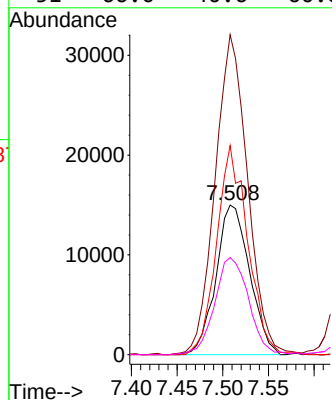
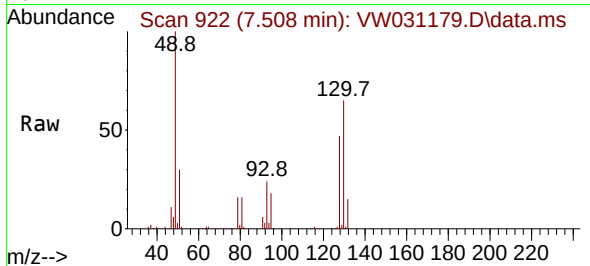




#23
Bromochloromethane
Concen: 23.051 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

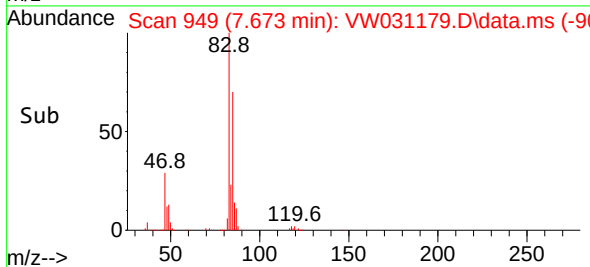
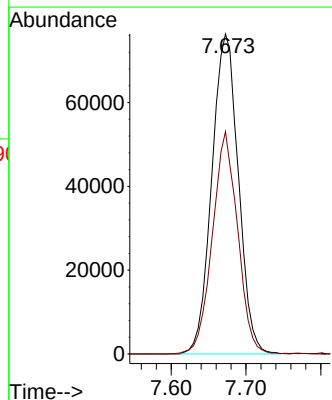
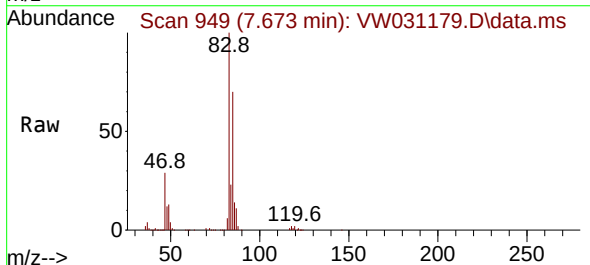
Instrument :
MSVOA_W
ClientSampleId :

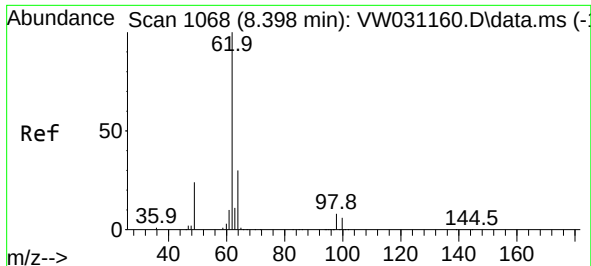
Tgt Ion:128 Resp: 38386
Ion Ratio Lower Upper
128 100
49 213.9 110.9 206.1#
130 141.9 93.7 173.9
51 66.0 40.6 60.8#



#25
Chloroform
Concen: 26.390 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Tgt Ion: 83 Resp: 188514
Ion Ratio Lower Upper
83 100
85 69.5 46.5 86.3





#27

1,2-Dichloroethane

Concen: 28.128 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

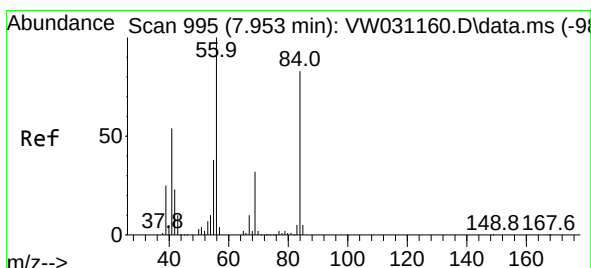
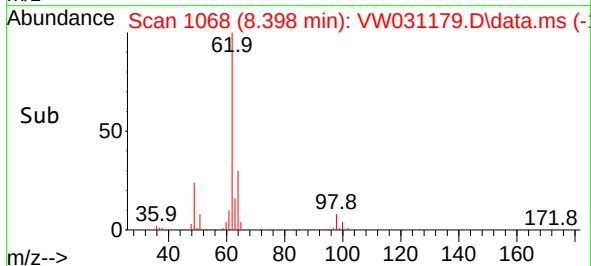
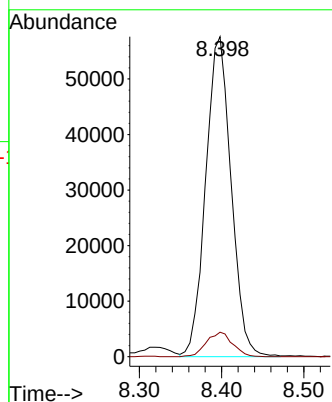
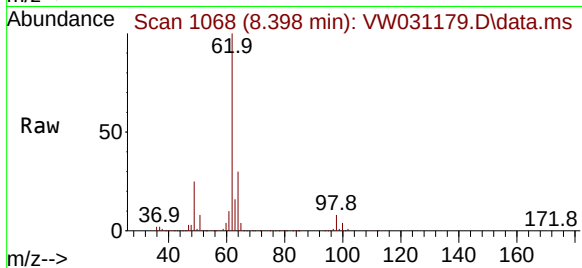
ClientSampleId :

Tgt Ion: 62 Resp: 123762

Ion Ratio Lower Upper

62 100

98 7.7 7.7 11.5#



#29

Cyclohexane

Concen: 28.828 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

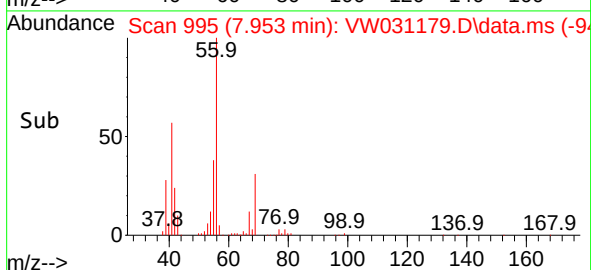
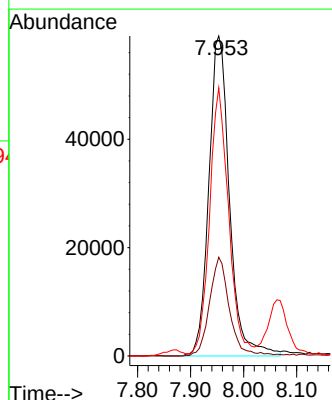
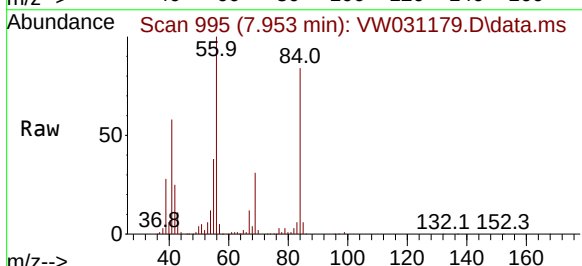
Tgt Ion: 56 Resp: 159691

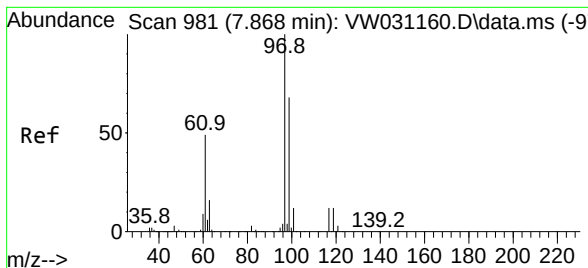
Ion Ratio Lower Upper

56 100

69 29.2 25.4 38.2

84 77.4 71.1 106.7





#30

1,1,1-Trichloroethane

Concen: 25.118 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

ClientSampleId :

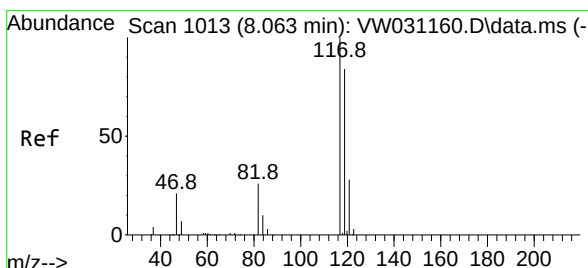
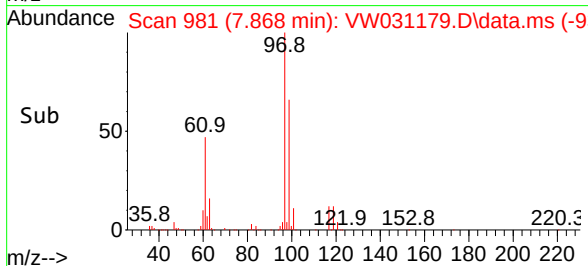
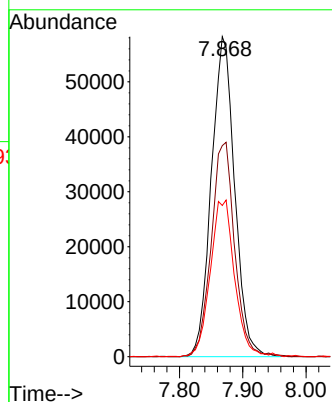
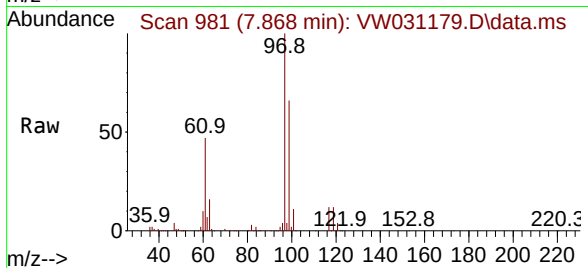
Tgt Ion: 97 Resp: 148893

Ion Ratio Lower Upper

97 100

99 67.0 51.6 77.4

61 51.0 33.8 50.6#



#31

Carbon tetrachloride

Concen: 24.787 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.000 min

Lab File: VW031179.D

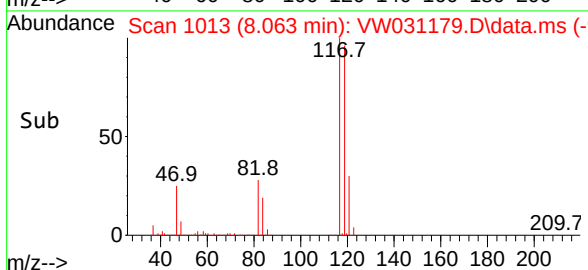
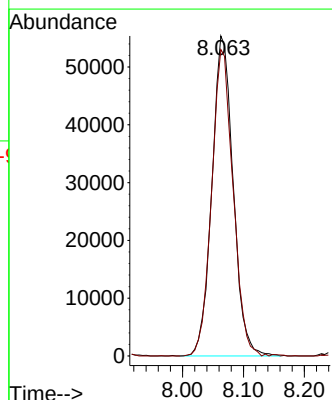
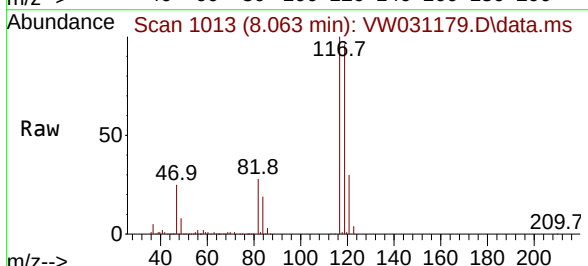
Acq: 10 Dec 2024 08:59

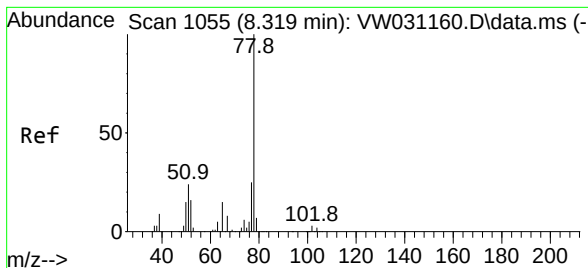
Tgt Ion: 117 Resp: 134267

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8





#33

Benzene

Concen: 26.804 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW031179.D

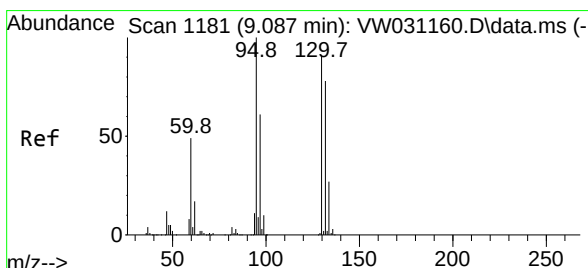
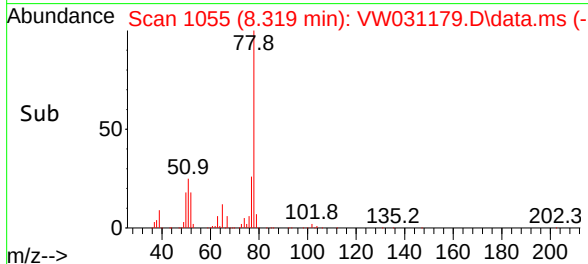
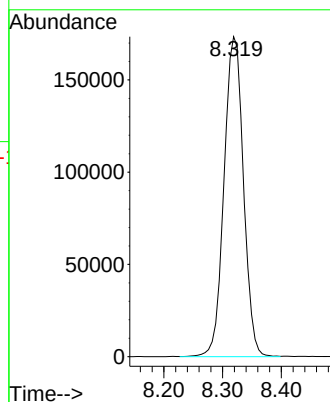
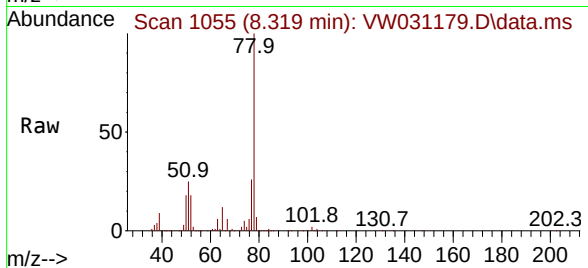
Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 398903



#34

Trichloroethene

Concen: 25.087 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Tgt Ion: 95 Resp: 102983

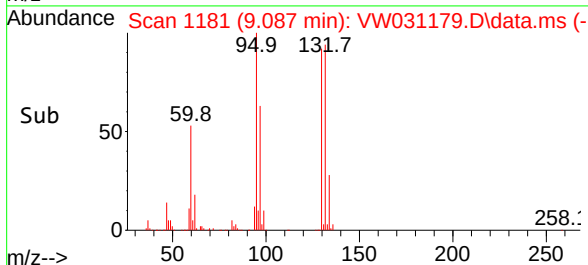
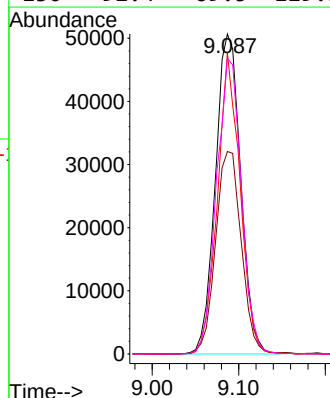
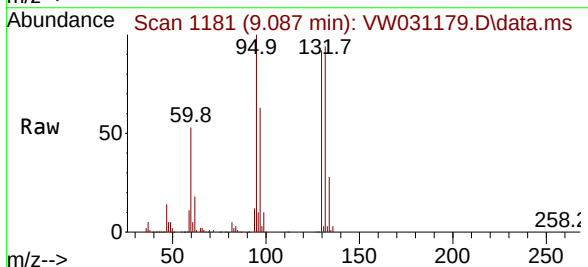
Ion Ratio Lower Upper

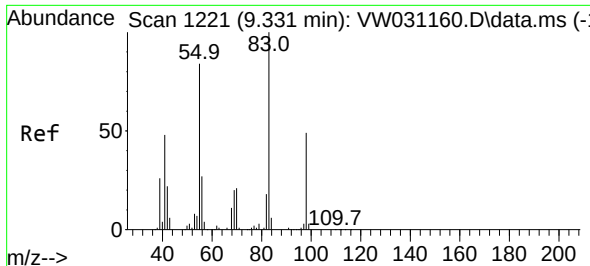
95 100

97 63.2 48.0 89.2

132 94.2 67.4 125.2

130 92.4 69.5 129.1

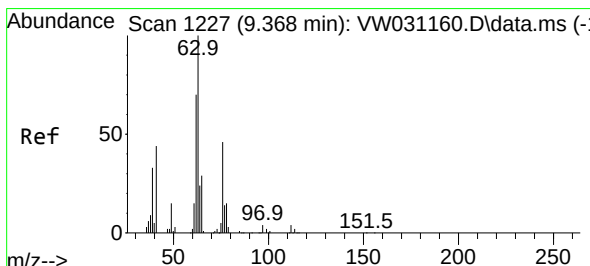
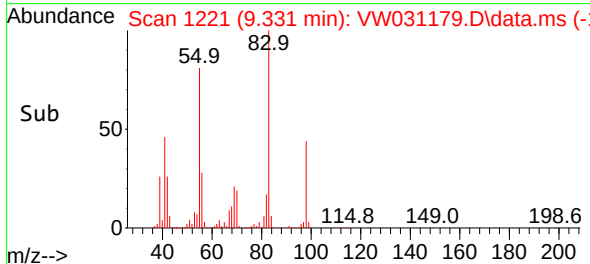
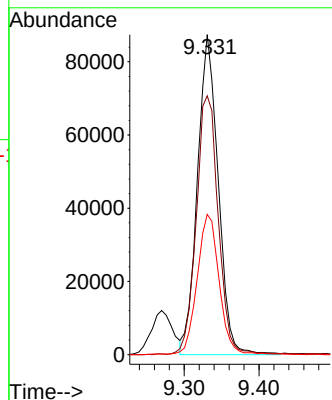
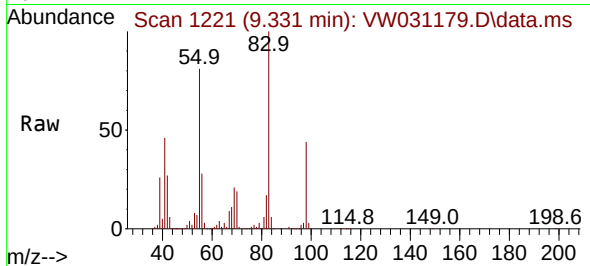




#35
Methylcyclohexane
Concen: 25.850 ug/L
RT: 9.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

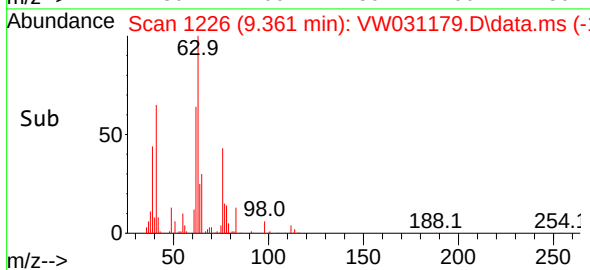
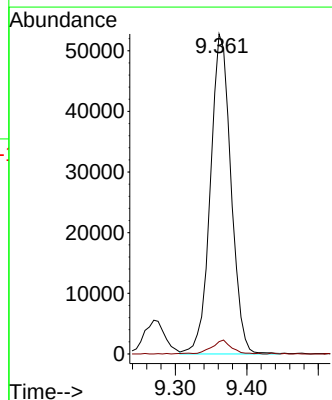
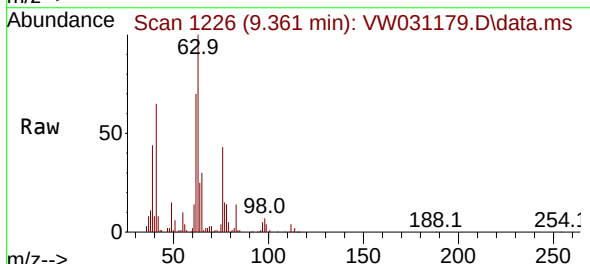
Instrument :
MSVOA_W
ClientSampleId :

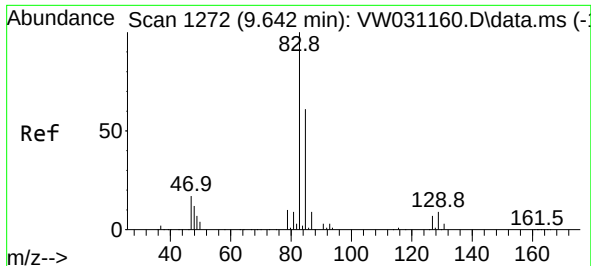
Tgt Ion: 83 Resp: 168858
Ion Ratio Lower Upper
83 100
55 85.3 59.5 89.3
98 45.6 38.7 58.1



#37
1,2-Dichloropropane
Concen: 28.546 ug/L
RT: 9.361 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Tgt Ion: 63 Resp: 105680
Ion Ratio Lower Upper
63 100
112 4.1 3.9 5.9

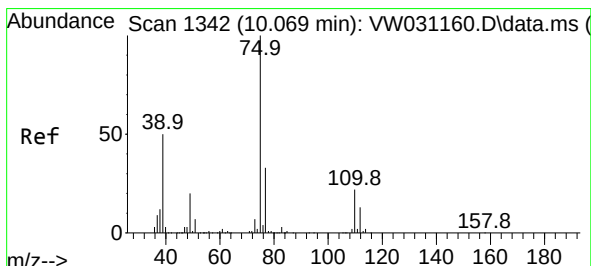
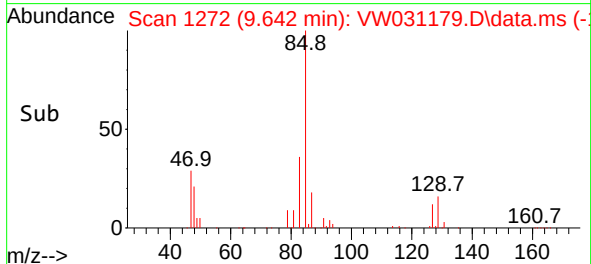
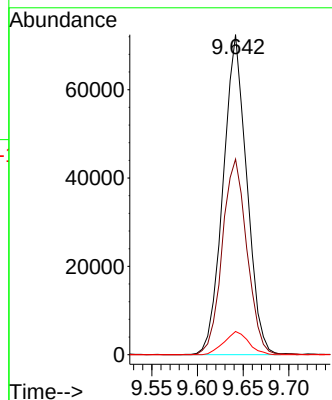
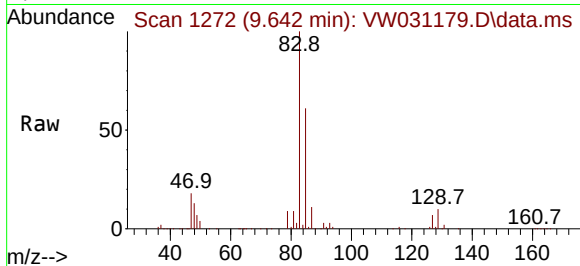




#38
Bromodichloromethane
Concen: 26.919 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

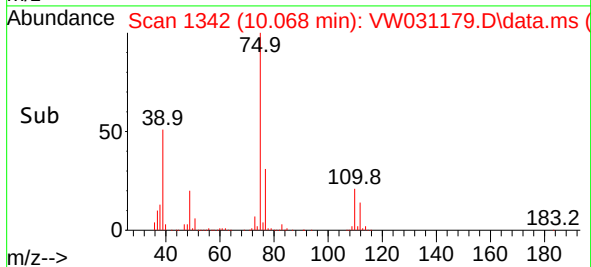
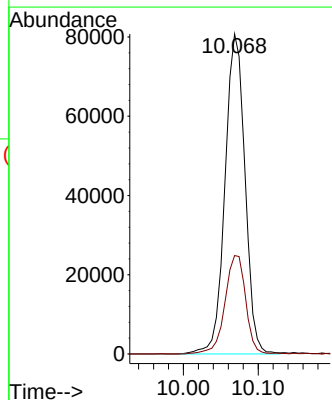
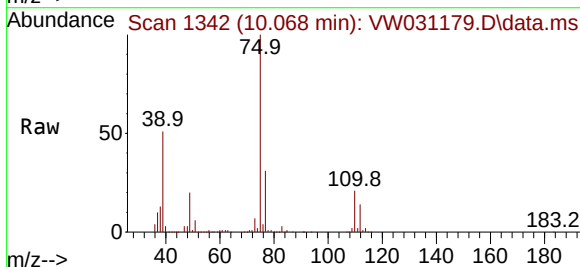
Instrument :
MSVOA_W
ClientSampleId :

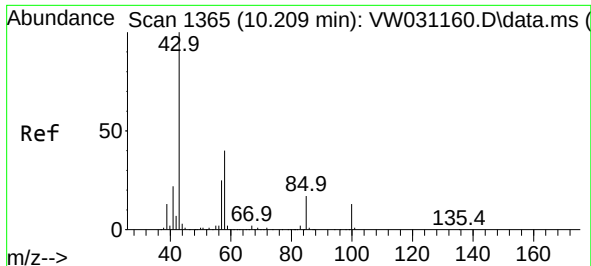
Tgt Ion: 83 Resp: 130442
Ion Ratio Lower Upper
83 100
85 61.1 48.7 90.5
127 7.3 7.2 10.8



#39
cis-1,3-Dichloropropene
Concen: 26.901 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Tgt Ion: 75 Resp: 150362
Ion Ratio Lower Upper
75 100
77 30.7 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 59.512 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031179.D

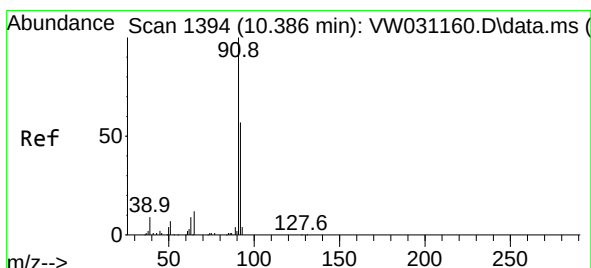
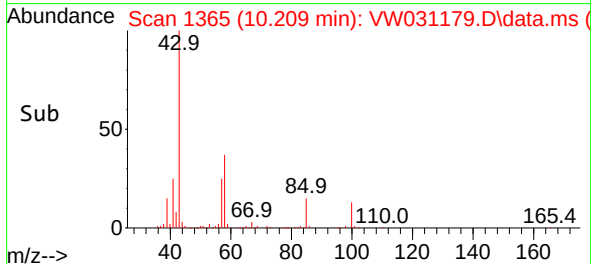
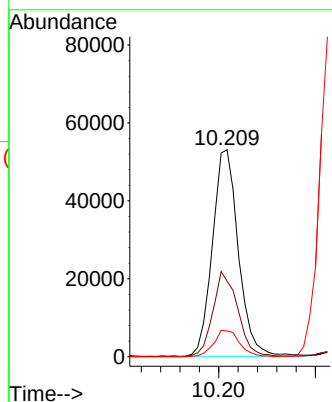
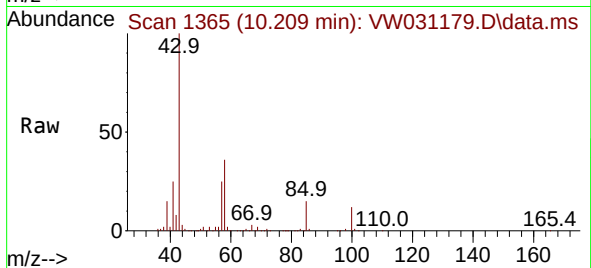
Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	43	Resp:	98657
Ion Ratio	Lower	Upper	
43	100		
58	39.7	33.7	50.5
100	12.7	14.2	21.2#



#42

Toluene

Concen: 27.211 ug/L

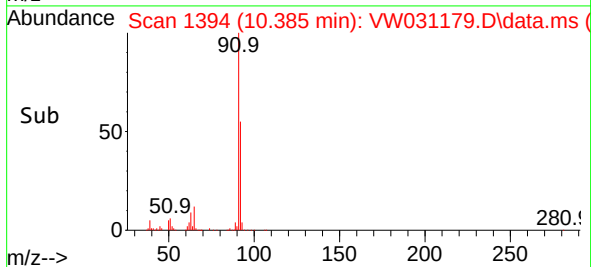
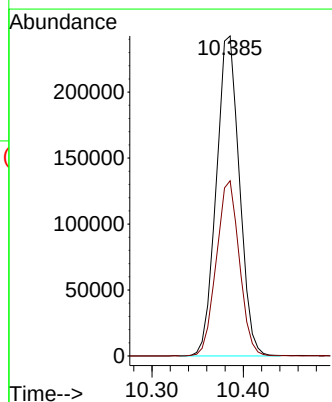
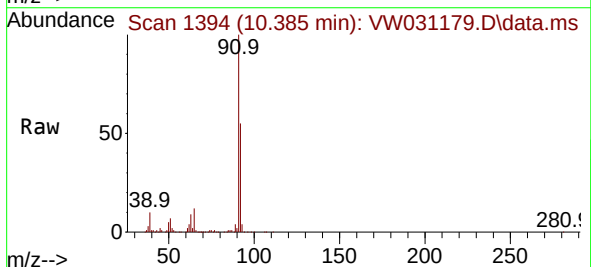
RT: 10.385 min Scan# 1394

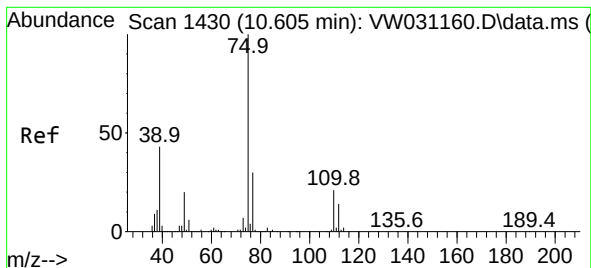
Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Tgt Ion:	91	Resp:	426581
Ion Ratio	Lower	Upper	
91	100		
92	54.7	40.8	75.8





#44

trans-1,3-Dichloropropene

Concen: 26.972 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

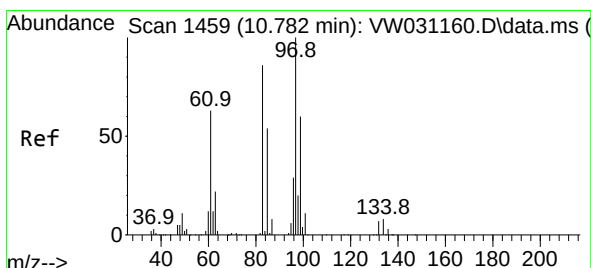
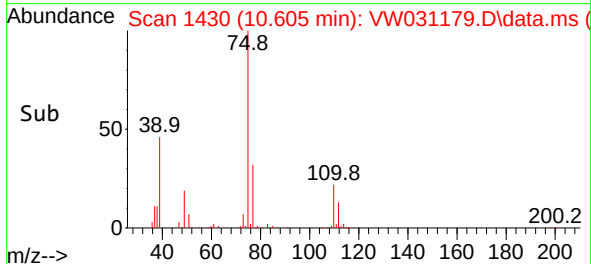
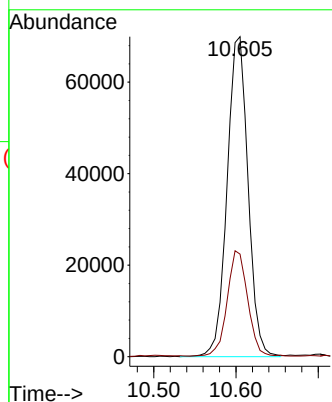
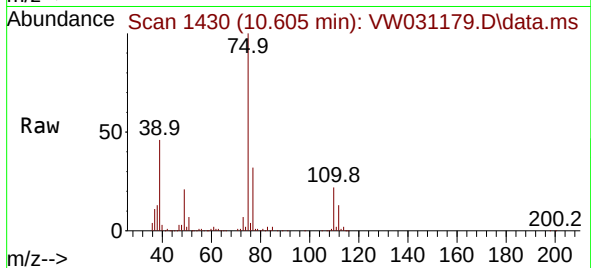
ClientSampleId :

Tgt Ion: 75 Resp: 123939

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#45

1,1,2-Trichloroethane

Concen: 26.147 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Tgt Ion: 97 Resp: 66523

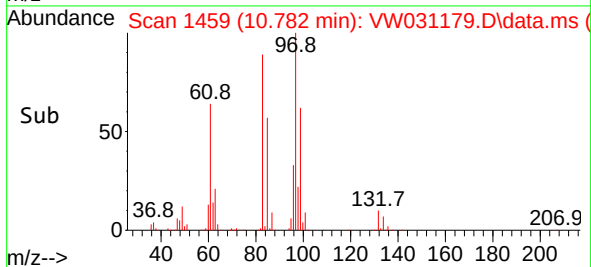
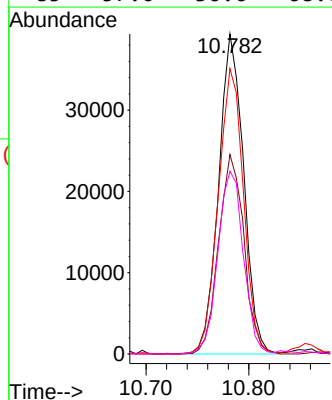
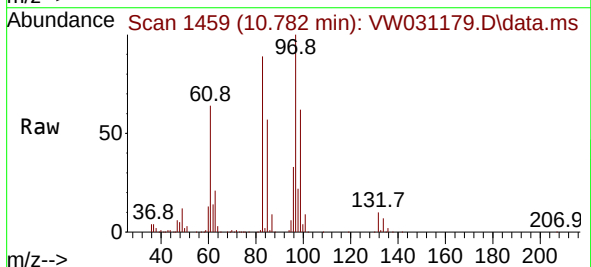
Ion Ratio Lower Upper

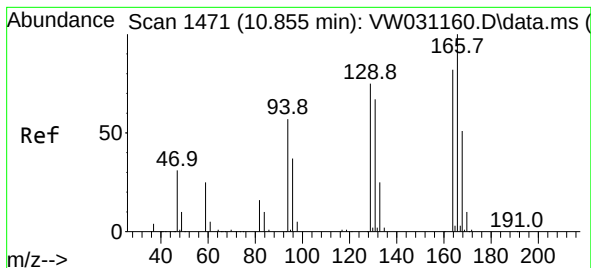
97 100

99 62.3 42.4 78.8

83 89.2 57.8 107.4

85 57.0 36.6 68.0





#46

Tetrachloroethene

Concen: 22.350 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.000 min

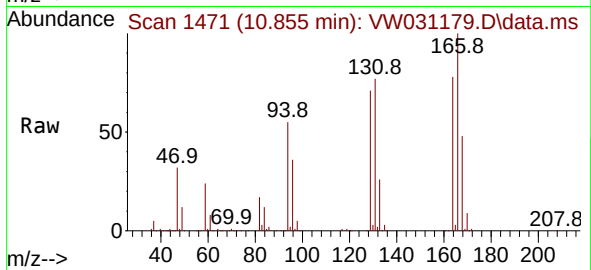
Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 68014

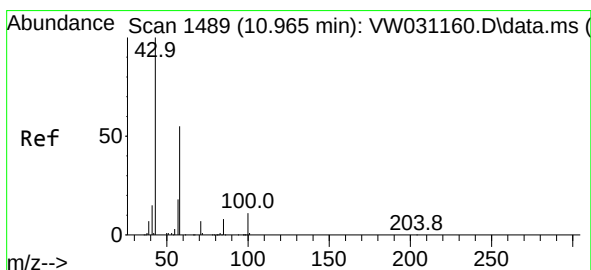
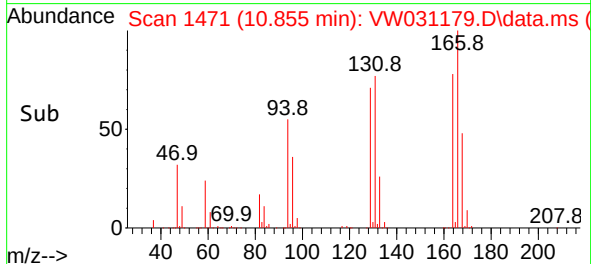
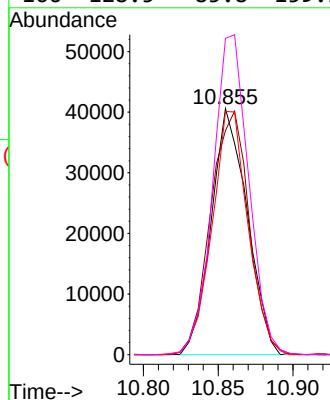
Ion Ratio Lower Upper

164 100

129 91.1 61.9 114.9

131 98.8 67.9 126.1

166 128.5 85.8 159.3



#48

2-Hexanone

Concen: 56.032 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Tgt Ion: 43 Resp: 84037

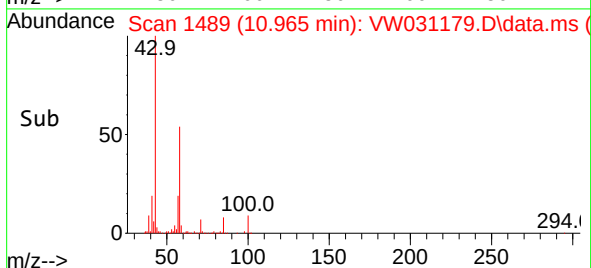
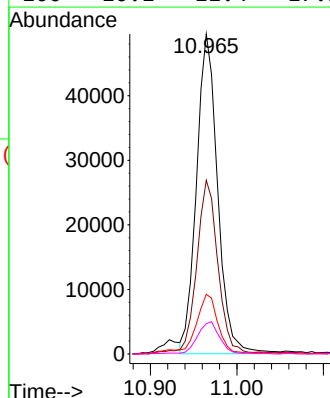
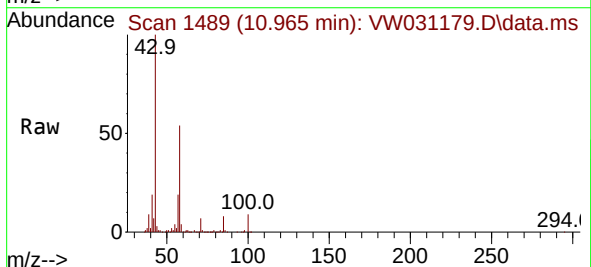
Ion Ratio Lower Upper

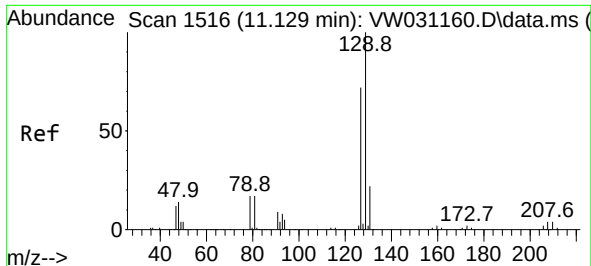
43 100

58 52.3 49.8 74.6

57 18.5 16.6 24.8

100 10.1 11.4 17.2#





#49

Dibromochloromethane

Concen: 25.134 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

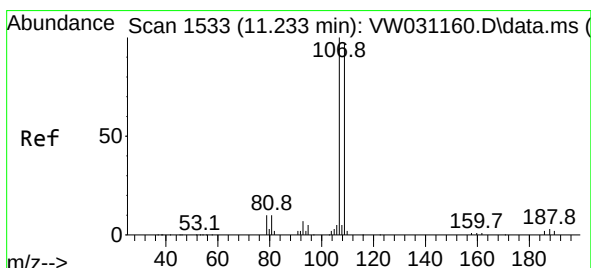
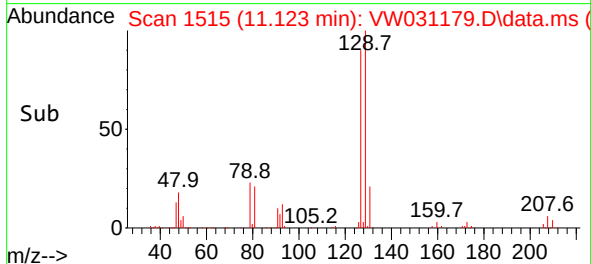
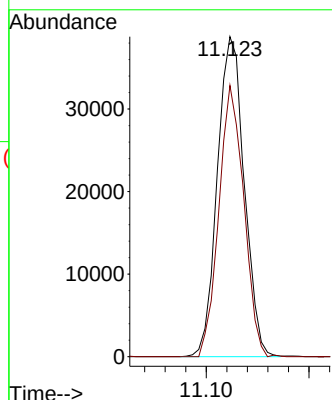
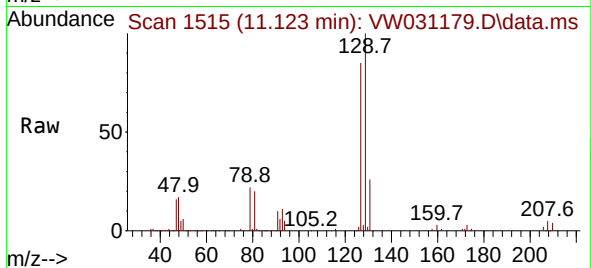
ClientSampleId :

Tgt Ion:129 Resp: 70445

Ion Ratio Lower Upper

129 100

127 83.4 51.4 95.4



#50

1,2-Dibromoethane

Concen: 25.654 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

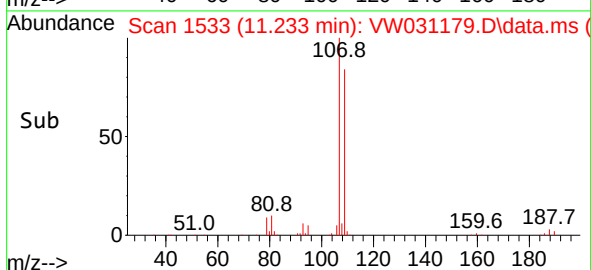
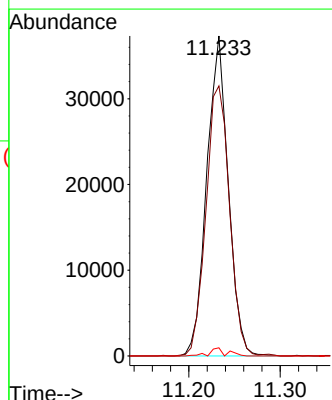
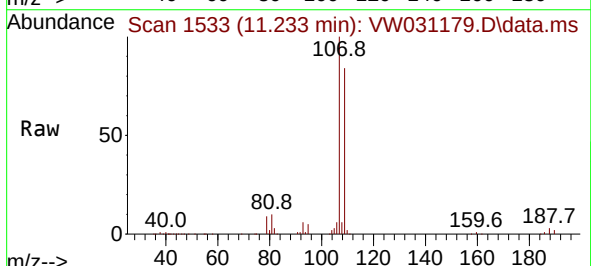
Tgt Ion:107 Resp: 60994

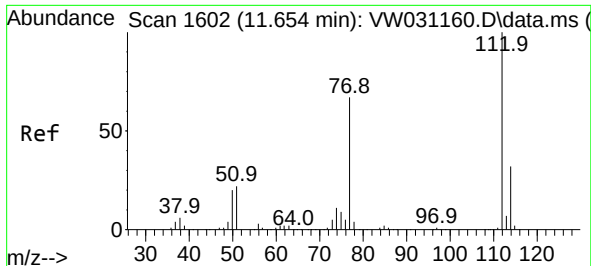
Ion Ratio Lower Upper

107 100

109 84.4 71.0 131.9

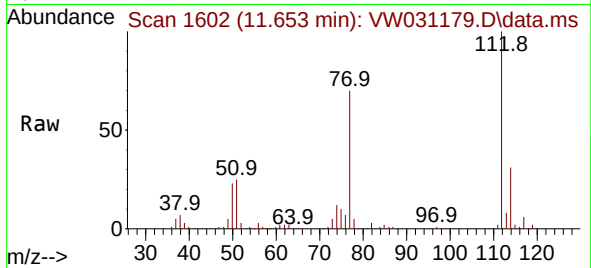
188 2.6 3.0 4.4#



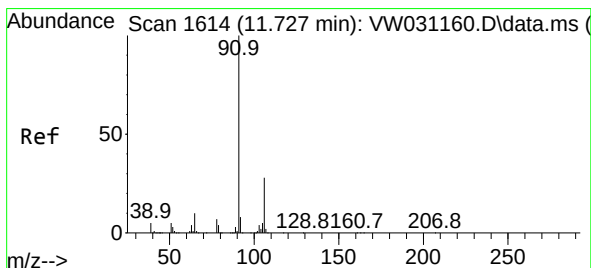
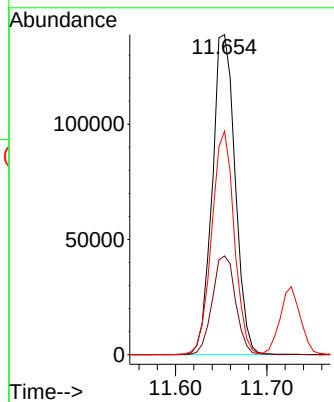
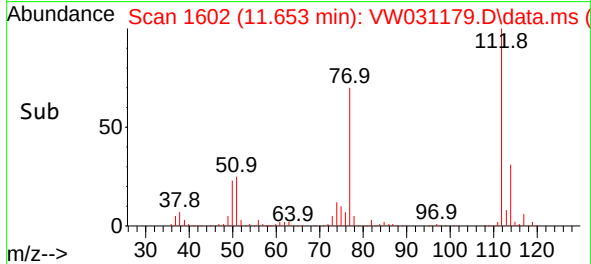


#51
Chlorobenzene
Concen: 24.180 ug/L
RT: 11.653 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Instrument :
MSVOA_W
ClientSampleId :

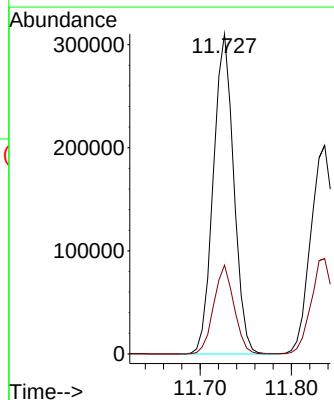
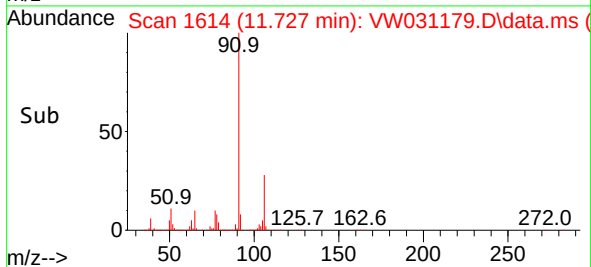
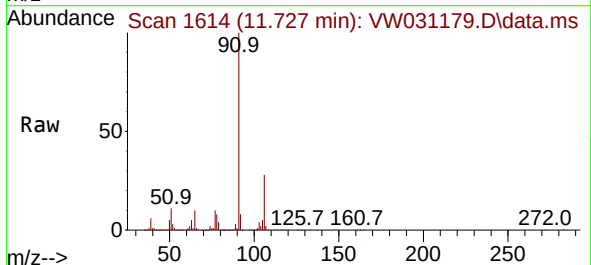


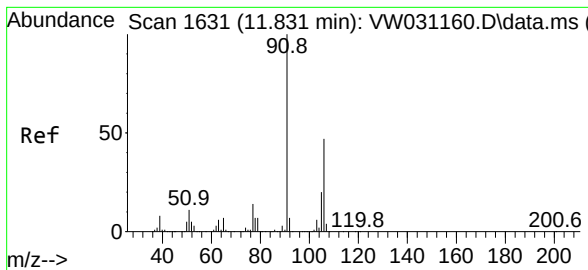
Tgt Ion:112 Resp: 241968
Ion Ratio Lower Upper
112 100
114 30.8 21.2 39.4
77 69.9 45.4 68.0#



#52
Ethylbenzene
Concen: 27.102 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Tgt Ion: 91 Resp: 481466
Ion Ratio Lower Upper
91 100
106 27.7 21.3 39.5

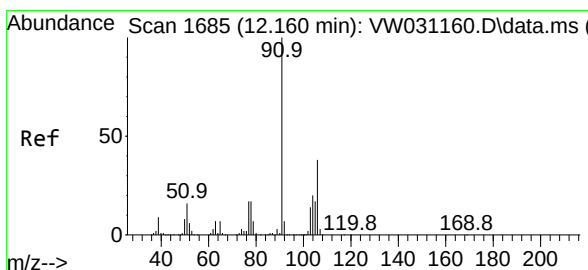
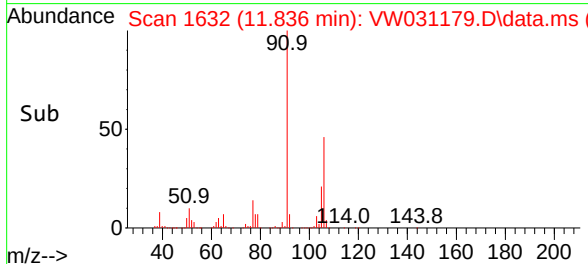
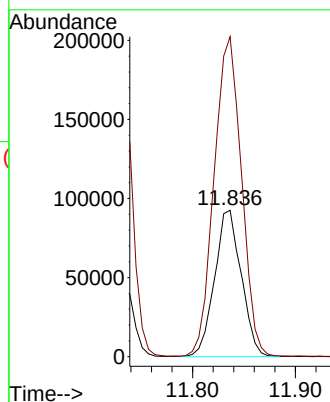
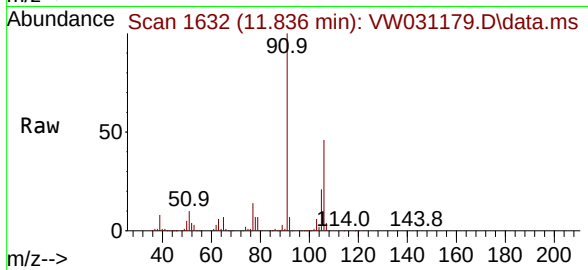




#53
m,p-Xylene
Concen: 25.215 ug/L
RT: 11.836 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

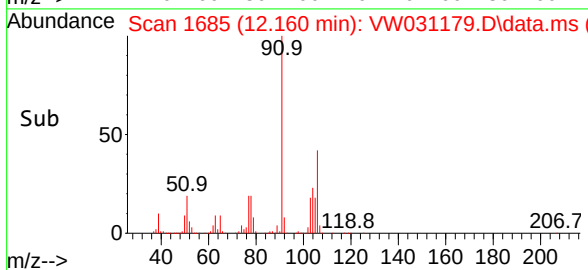
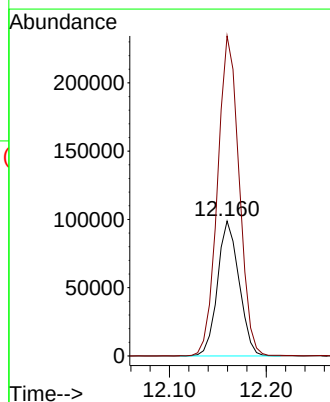
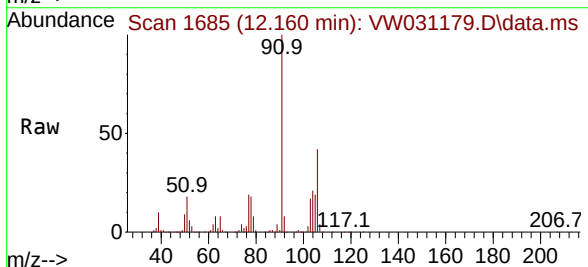
Instrument :
MSVOA_W
ClientSampleId :

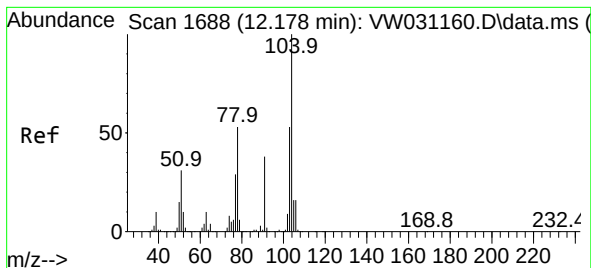
Tgt Ion:106 Resp: 166709
Ion Ratio Lower Upper
106 100
91 218.7 140.9 261.7



#54
o-Xylene
Concen: 24.834 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Tgt Ion:106 Resp: 152748
Ion Ratio Lower Upper
106 100
91 237.3 152.7 283.5





#55

Styrene

Concen: 25.622 ug/L

RT: 12.172 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

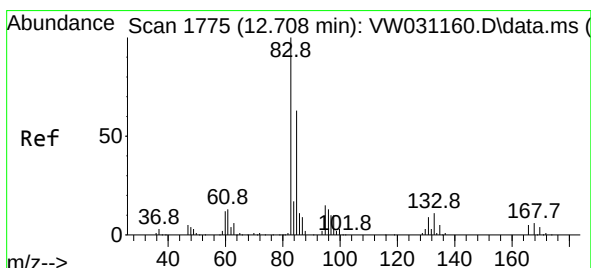
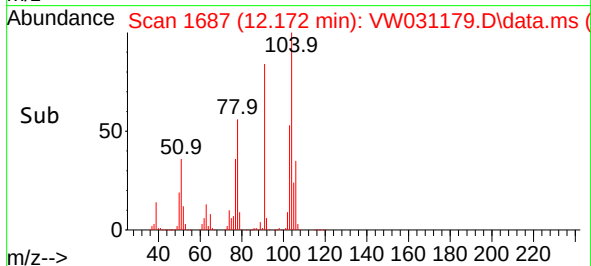
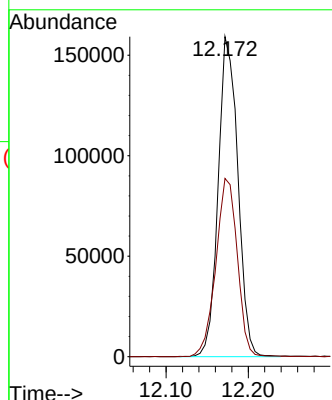
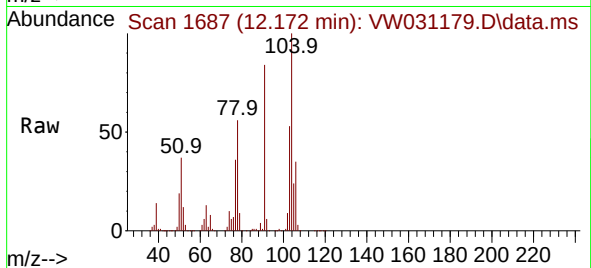
ClientSampleId :

Tgt Ion:104 Resp: 265290

Ion Ratio Lower Upper

104 100

78 55.7 30.2 56.0



#57

1,1,2,2-Tetrachloroethane

Concen: 26.877 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

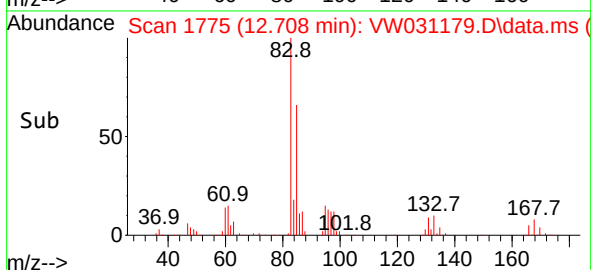
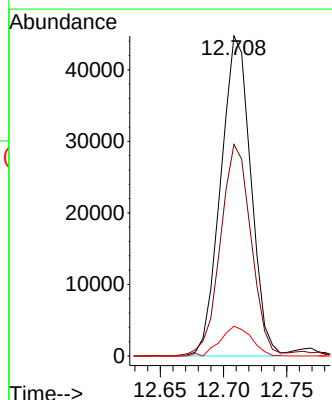
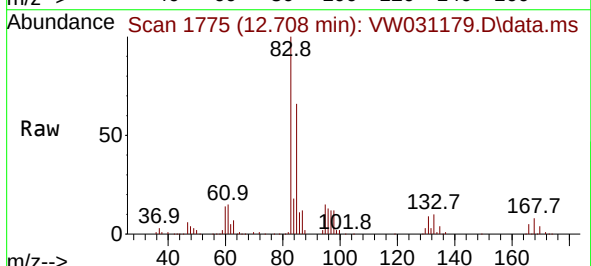
Tgt Ion: 83 Resp: 74079

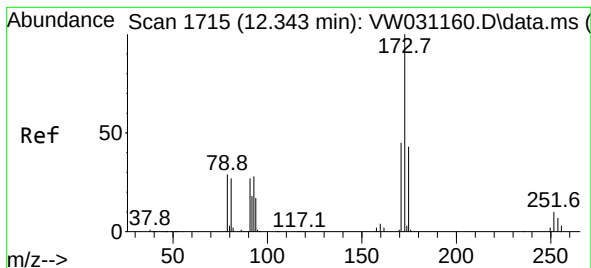
Ion Ratio Lower Upper

83 100

85 66.1 48.3 89.7

131 12.7 8.9 13.3





#59

Bromoform

Concen: 22.450 ug/L

RT: 12.342 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031179.D

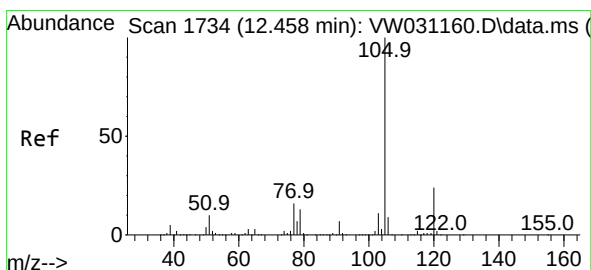
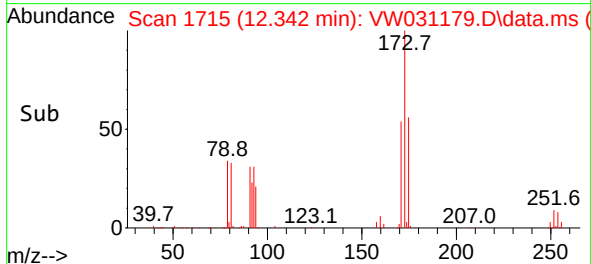
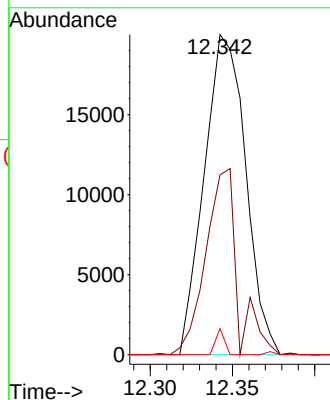
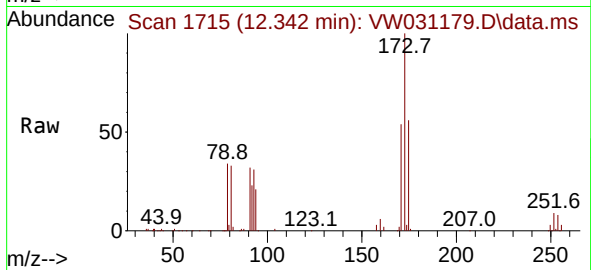
Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	35024
Ion Ratio	Lower	Upper
173	100	
175	38.6	36.6 54.8
254	0.0	7.7 11.5#



#60

Isopropylbenzene

Concen: 25.393 ug/L

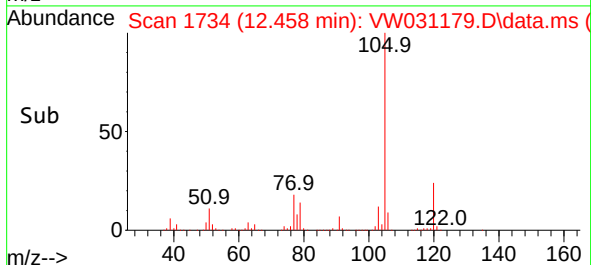
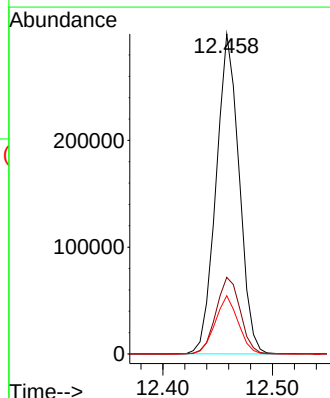
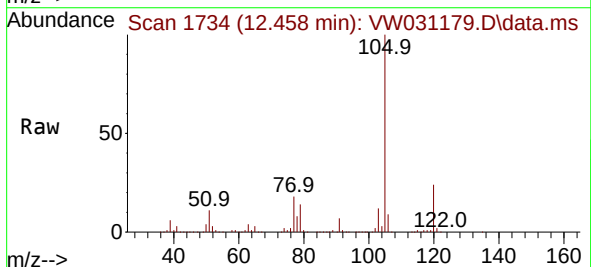
RT: 12.458 min Scan# 1734

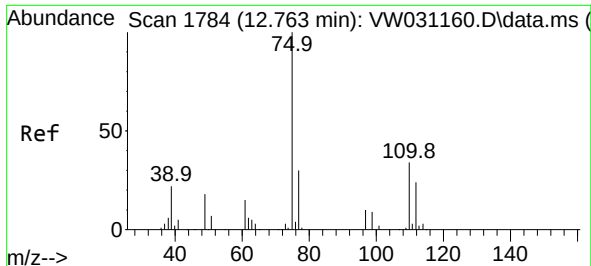
Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Tgt Ion:105	Resp:	437663
Ion Ratio	Lower	Upper
105	100	
120	25.2	21.5 32.3
77	18.2	12.3 18.5





#61

1,2,3-Trichloropropane

Concen: 27.707 ug/L

RT: 12.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

ClientSampleId :

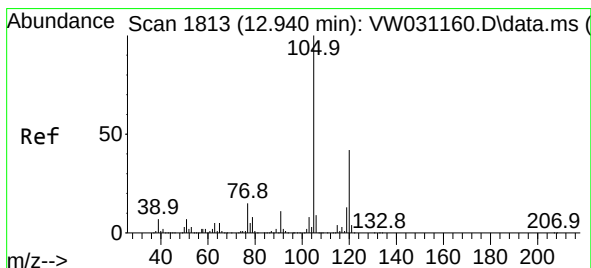
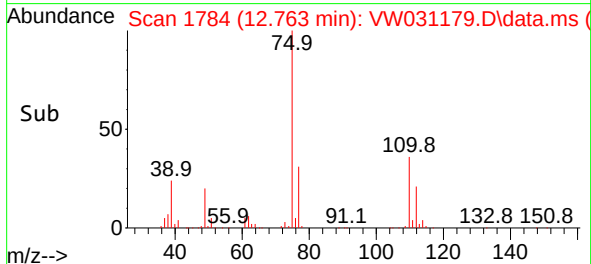
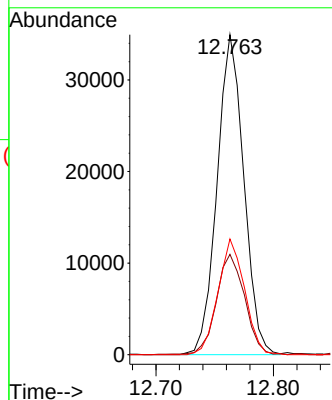
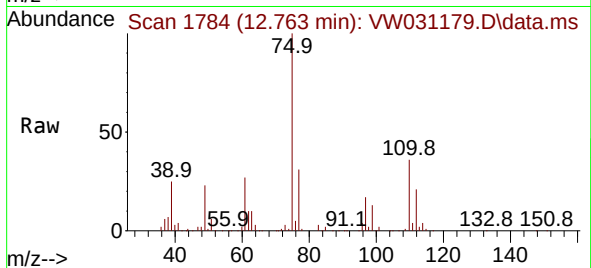
Tgt Ion: 75 Resp: 55275

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.2

110 35.9 33.1 49.7



#62

1,3,5-Trimethylbenzene

Concen: 26.381 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW031179.D

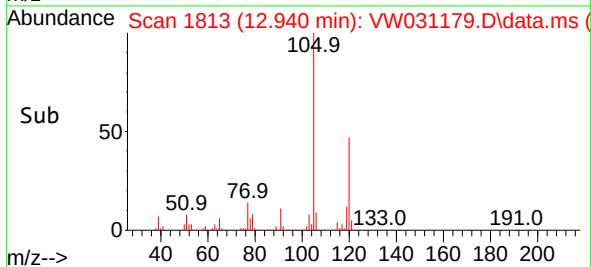
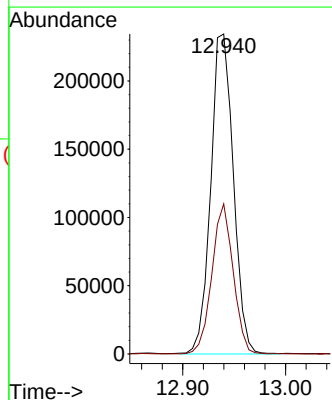
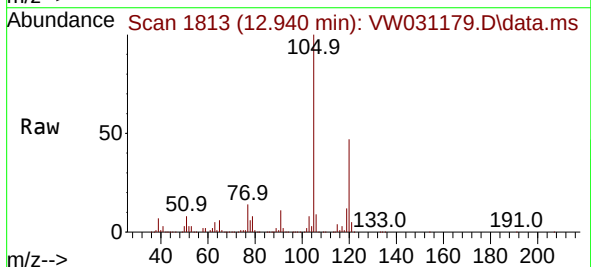
Acq: 10 Dec 2024 08:59

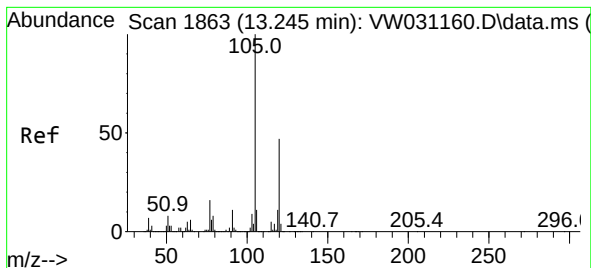
Tgt Ion:105 Resp: 358043

Ion Ratio Lower Upper

105 100

120 44.1 40.5 60.7

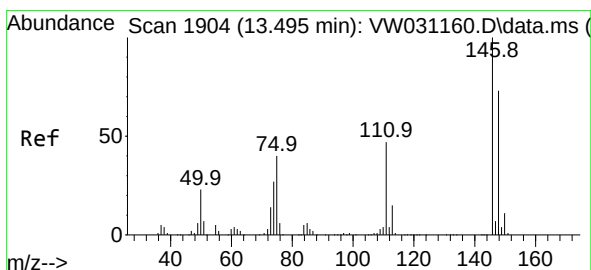
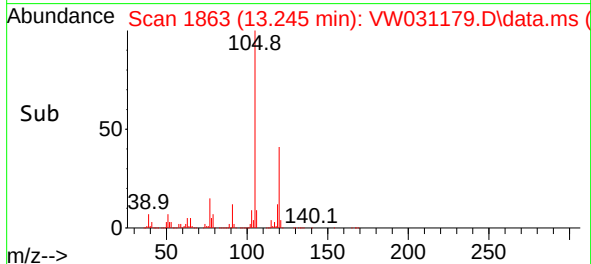
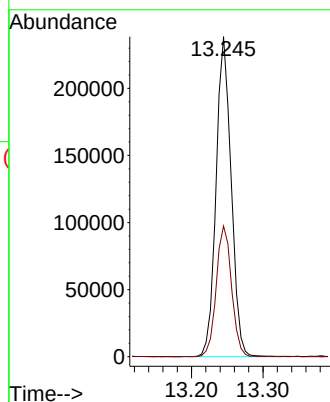
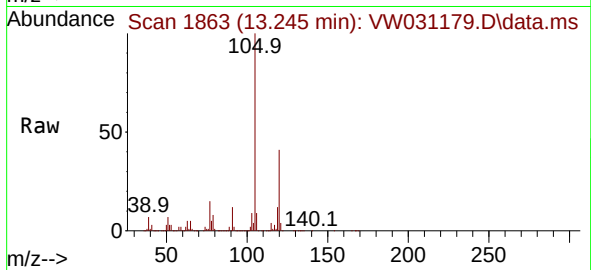




#63
1,2,4-Trimethylbenzene
Concen: 26.186 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

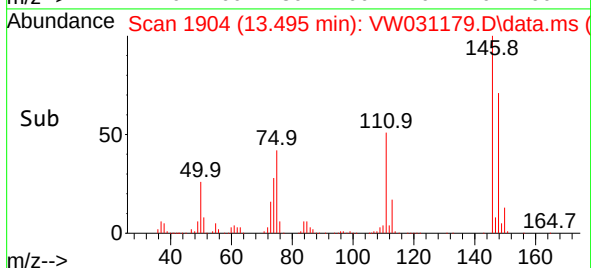
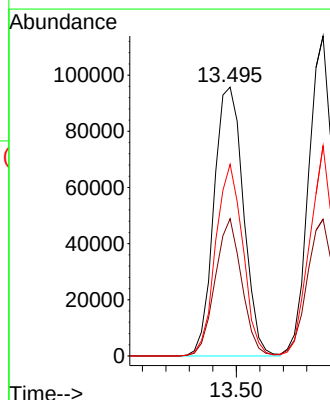
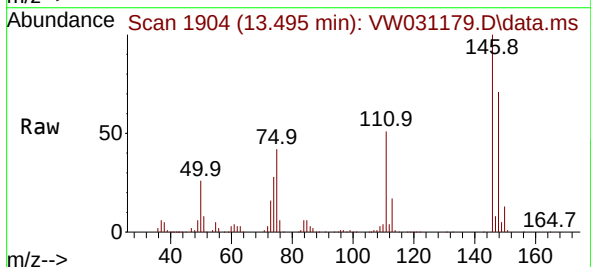
Instrument :
MSVOA_W
ClientSampleId :

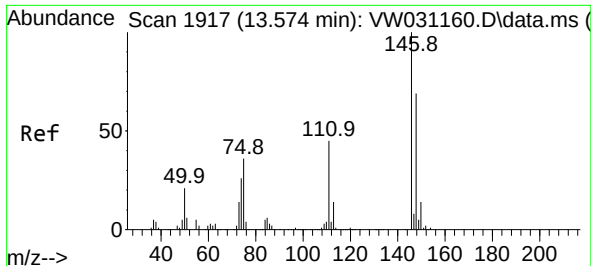
Tgt Ion:105 Resp: 349125
Ion Ratio Lower Upper
105 100
120 41.4 35.4 53.0



#64
1,3-Dichlorobenzene
Concen: 22.212 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Tgt Ion:146 Resp: 166953
Ion Ratio Lower Upper
146 100
111 51.1 28.5 52.9
148 71.3 44.1 81.9

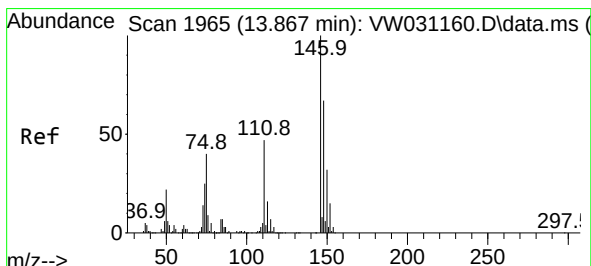
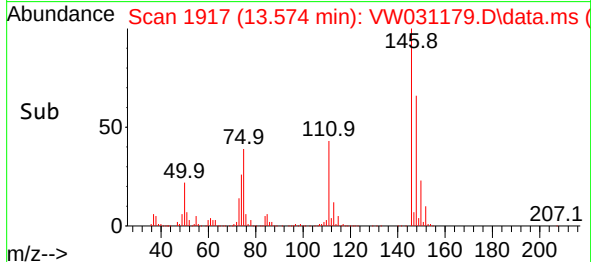
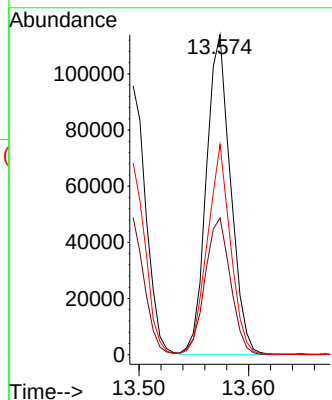
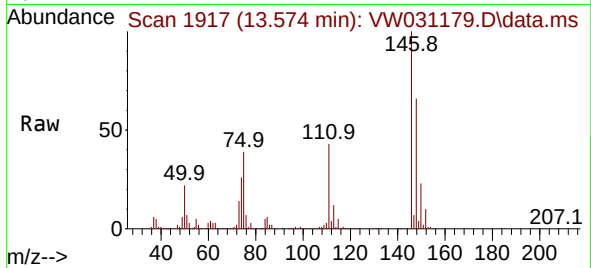




#65
1,4-Dichlorobenzene
Concen: 23.075 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

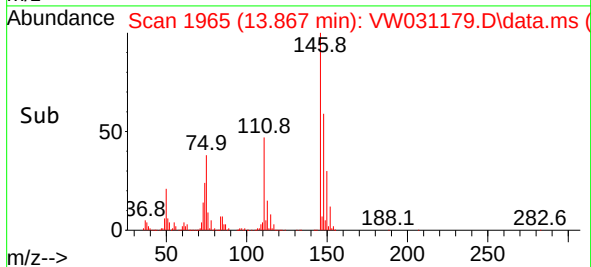
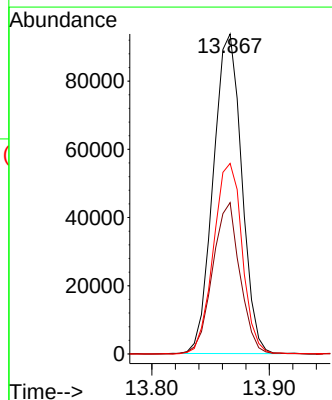
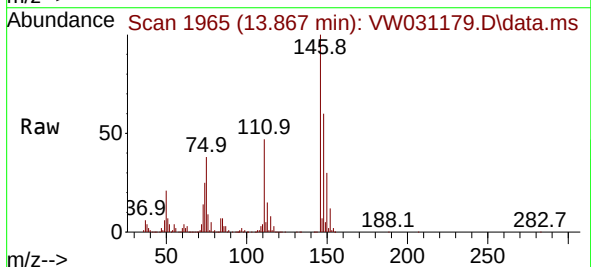
Instrument :
MSVOA_W
ClientSampleId :

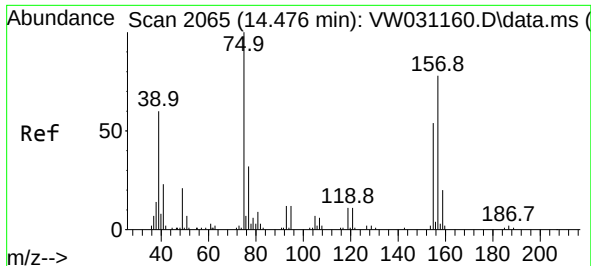
Tgt Ion:146 Resp: 175191
Ion Ratio Lower Upper
146 100
111 42.8 26.6 49.4
148 65.7 42.1 78.1



#67
1,2-Dichlorobenzene
Concen: 23.958 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031179.D
Acq: 10 Dec 2024 08:59

Tgt Ion:146 Resp: 157520
Ion Ratio Lower Upper
146 100
111 47.3 30.9 46.3#
148 59.6 50.0 75.0





#68

1,2-Dibromo-3-chloropropane

Concen: 28.143 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031179.D

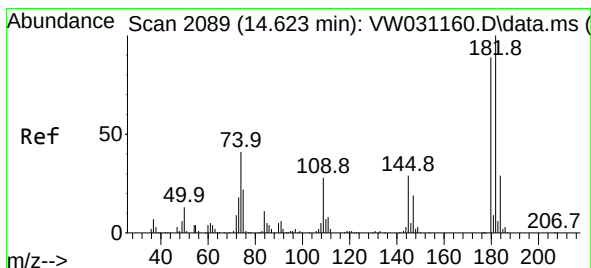
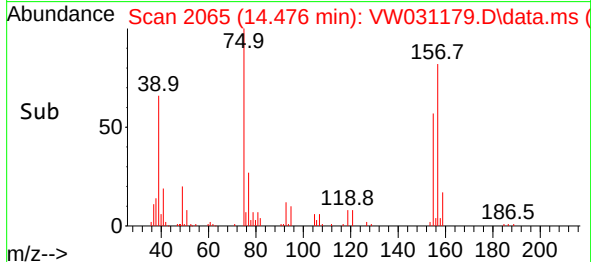
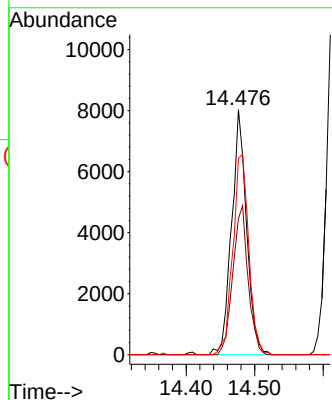
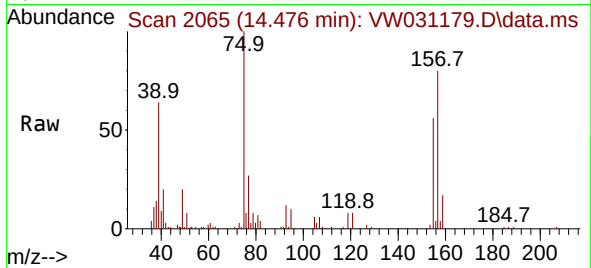
Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	12191
Ion Ratio	Lower	Upper	
75	100		
155	55.5	63.1	94.7#
157	80.1	82.1	123.1#



#69

1,3,5-Trichlorobenzene

Concen: 21.562 ug/L

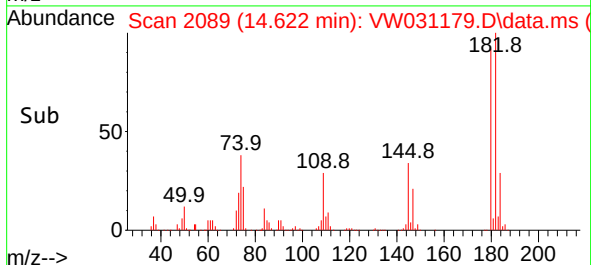
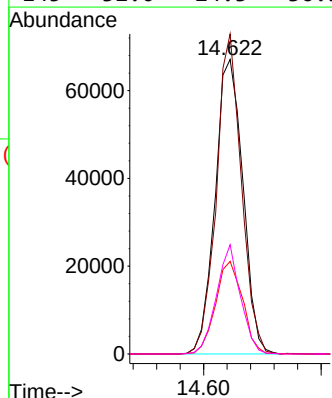
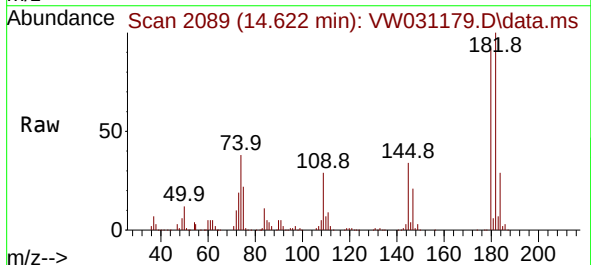
RT: 14.622 min Scan# 2089

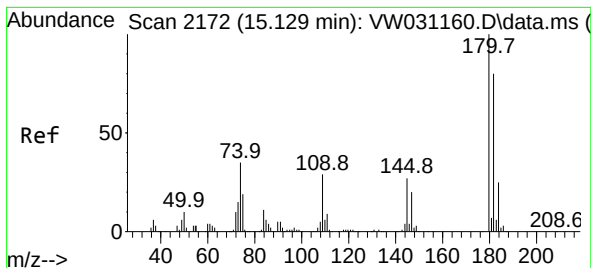
Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Tgt Ion:	180	Resp:	110119
Ion Ratio	Lower	Upper	
180	100		
182	97.7	78.2	117.2
184	30.7	24.0	36.0
145	32.0	24.3	36.5





#70

1,2,4-trichlorobenzene

Concen: 21.906 ug/L

RT: 15.122 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

Instrument :

MSVOA_W

ClientSampleId :

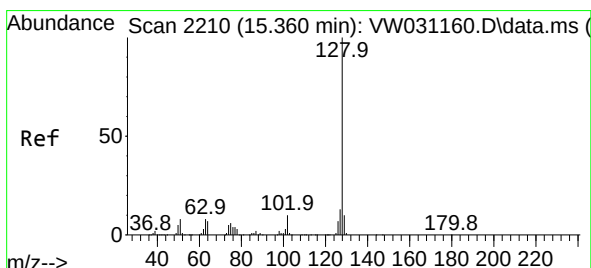
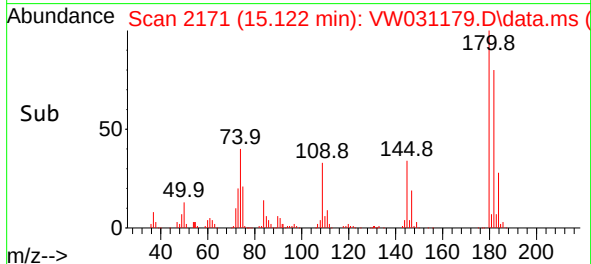
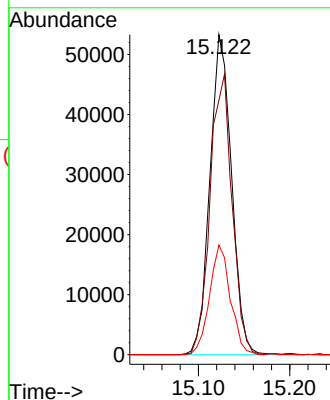
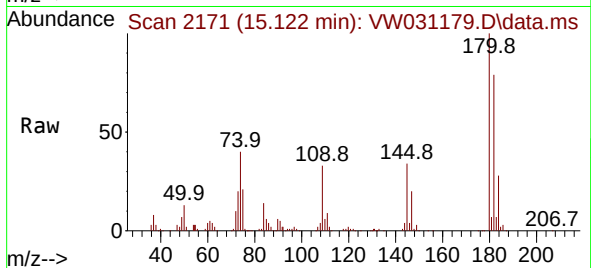
Tgt Ion:180 Resp: 87727

Ion Ratio Lower Upper

180 100

182 89.1 76.1 114.1

145 33.0 25.7 38.5



#71

Naphthalene

Concen: 23.593 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW031179.D

Acq: 10 Dec 2024 08:59

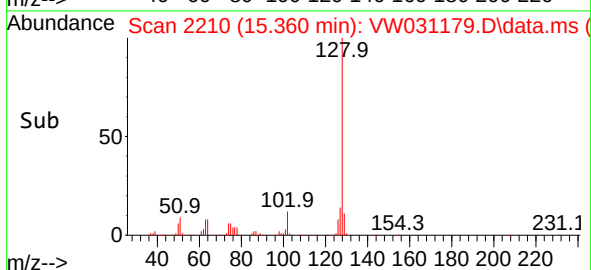
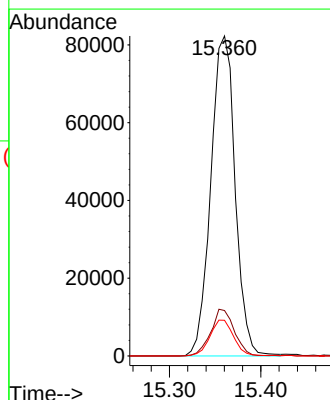
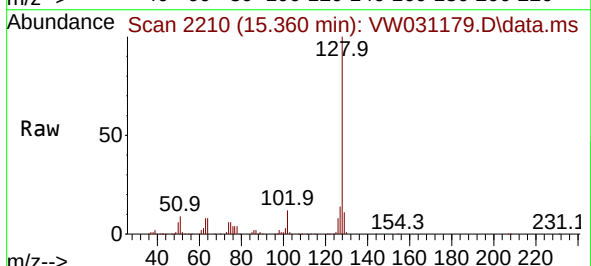
Tgt Ion:128 Resp: 152216

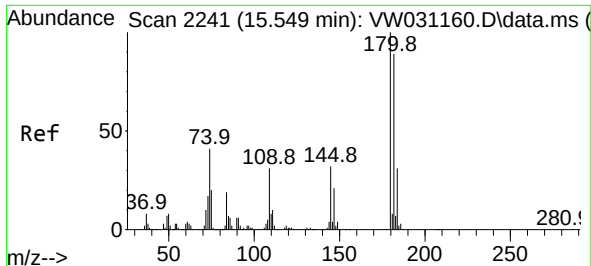
Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

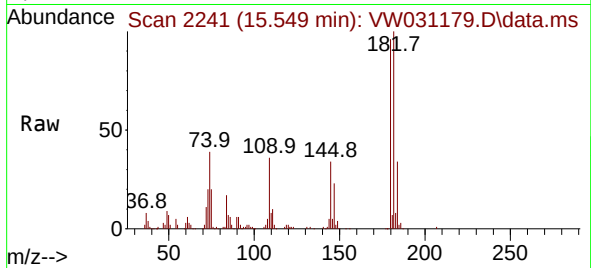
129 10.9 8.3 12.5





#72
 1,2,3-Trichlorobenzene
 Concen: 22.235 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031179.D
 Acq: 10 Dec 2024 08:59

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	76216
Ion Ratio	Lower	Upper	
180	100		
182	98.6	78.7	118.1
145	34.7	26.3	39.5

