

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031202.D
 Acq On : 10 Dec 2024 19:30
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.28g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 00:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	309173	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.623	117	309117	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	154333	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98254	20.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.600%
7) Chloroethane-d5	2.893	69	79938	21.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	4.009	65	46239	21.301	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.200%
21) 2-Butanone-d5	7.088	46	58184	69.925	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.860%#
24) Chloroform-d	7.648	84	241698	26.691	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.760%
26) 1,2-Dichloroethane-d4	8.307	65	136505	30.635	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.560%
32) Benzene-d6	8.270	84	431550	22.714	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.840%
36) 1,2-Dichloropropane-d6	9.270	67	144316	25.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.720%
41) Toluene-d8	10.319	98	385606	22.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.960%
43) trans-1,3-Dichloroprop...	10.575	79	54061	24.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.520%
47) 2-Hexanone-d5	10.922	63	43771	67.132	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	116312	30.968	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.880%#
66) 1,2-Dichlorobenzene-d4	13.842	152	117851	21.499	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	81468	20.866	ug/L	# 88
3) Chloromethane	2.229	50	143623	31.190	ug/L	99
5) Vinyl chloride	2.369	62	136418	24.663	ug/L	99
6) Bromomethane	2.790	94	99078	28.168	ug/L	90
8) Chloroethane	2.924	64	79535	24.040	ug/L	97
9) Trichlorofluoromethane	3.253	101	180647	31.039	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	121458	27.469	ug/L	90
13) Acetone	4.155	43	67857	45.296	ug/L	96
14) Carbon disulfide	4.381	76	353032	24.516	ug/L	97
15) Methyl Acetate	4.680	43	65426	41.621	ug/L	93
16) Methylene chloride	4.917	84	127071	28.398	ug/L	89
17) trans-1,2-Dichloroethene	5.417	96	67593	14.482	ug/L	86
18) Methyl tert-butyl Ether	5.417	73	101296	15.513	ug/L	# 41
19) 1,1-Dichloroethane	6.216	63	266160	31.003	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	132897	27.107	ug/L	84
22) 2-Butanone	7.185	43	77527	55.067	ug/L	94
23) Bromochloromethane	7.520	128	58191	27.955	ug/L	85
25) Chloroform	7.673	83	266130	29.805	ug/L	95
27) 1,2-Dichloroethane	8.398	62	187061	34.011	ug/L	97

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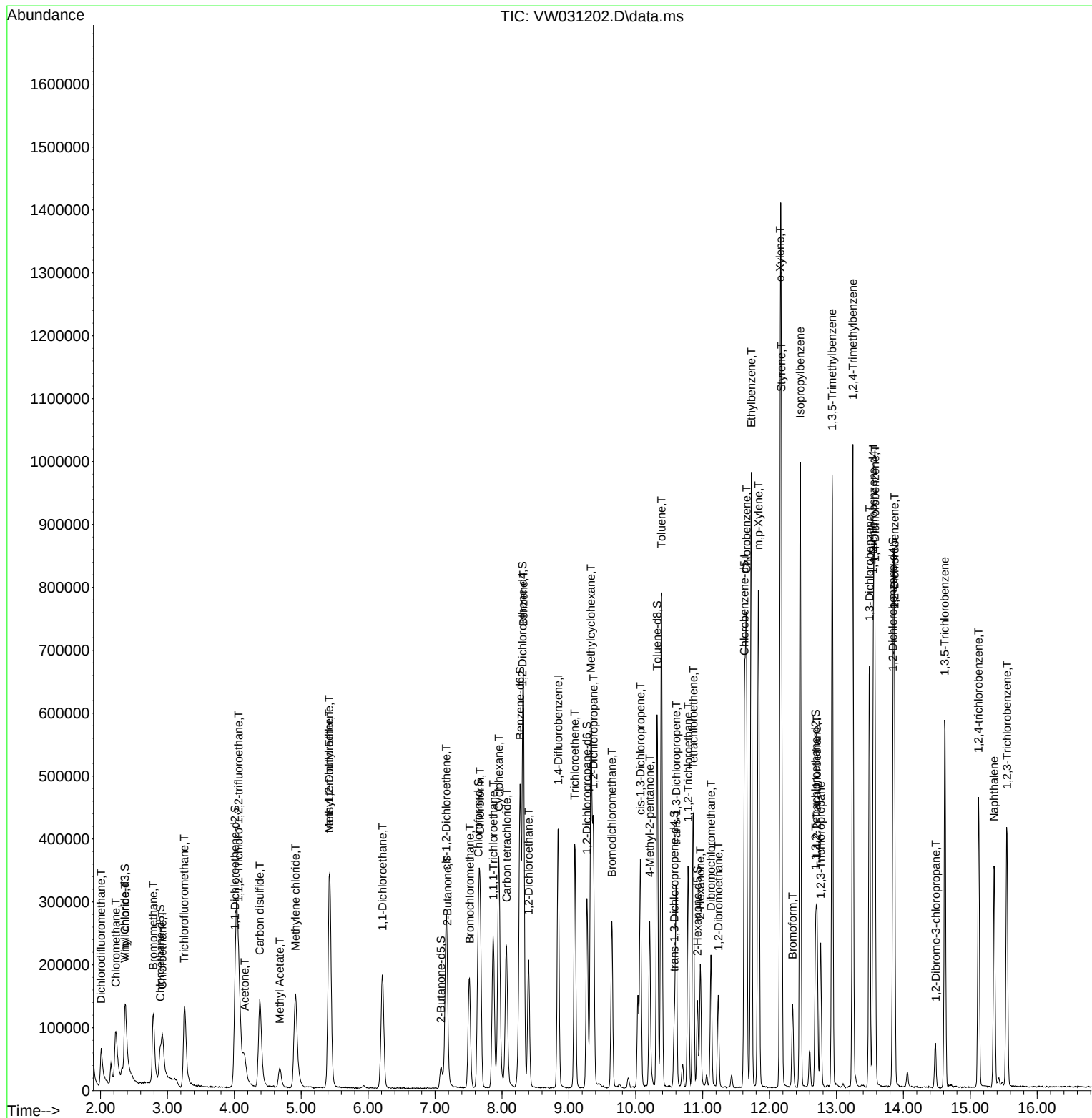
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	204507	26.284	ug/L	93
30) 1,1,1-Trichloroethane	7.874	97	201298	24.176	ug/L	94
31) Carbon tetrachloride	8.069	117	169337	22.256	ug/L	98
33) Benzene	8.319	78	561275	26.851	ug/L	100
34) Trichloroethene	9.087	95	139528	24.198	ug/L	90
35) Methylcyclohexane	9.331	83	215945	23.535	ug/L #	89
37) 1,2-Dichloropropane	9.368	63	153361	29.493	ug/L	98
38) Bromodichloromethane	9.642	83	178982	26.296	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	209669	26.706	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	171966	73.851	ug/L #	92
42) Toluene	10.386	91	571475	25.953	ug/L	92
44) trans-1,3-Dichloropropene	10.605	75	178783	27.699	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	105810	29.608	ug/L	92
46) Tetrachloroethene	10.861	164	92035	21.531	ug/L	90
48) 2-Hexanone	10.965	43	122520	58.158	ug/L #	92
49) Dibromochloromethane	11.123	129	107267	27.247	ug/L	98
50) 1,2-Dibromoethane	11.233	107	96397	28.865	ug/L #	87
51) Chlorobenzene	11.654	112	351879	25.034	ug/L	92
52) Ethylbenzene	11.727	91	654277	26.221	ug/L	96
53) m,p-Xylene	11.837	106	233999	25.197	ug/L	93
54) o-Xylene	12.160	106	218737	25.318	ug/L	92
55) Styrene	12.178	104	385806	26.528	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.709	83	128016	33.067	ug/L #	93
59) Bromoform	12.343	173	57005	25.277	ug/L #	91
60) Isopropylbenzene	12.459	105	583140	23.406	ug/L	96
61) 1,2,3-Trichloropropane	12.763	75	96751	33.550	ug/L	94
62) 1,3,5-Trimethylbenzene	12.934	105	504826	25.732	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	499154	25.900	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	250903	23.093	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	263464	24.006	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	237696	25.010	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	20244	32.330	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.617	180	154921	20.985	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	129349	22.344	ug/L	97
71) Naphthalene	15.354	128	279934	30.016	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	127067	25.644	ug/L	96

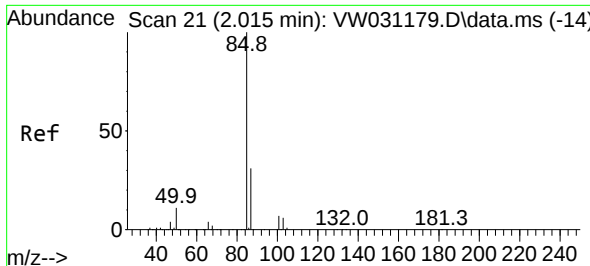
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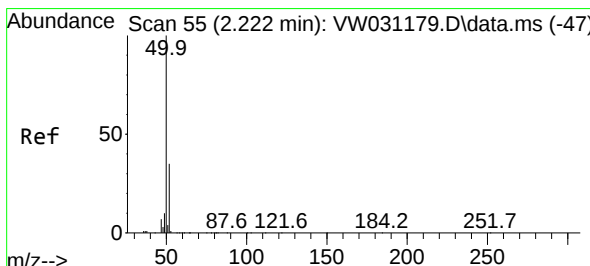
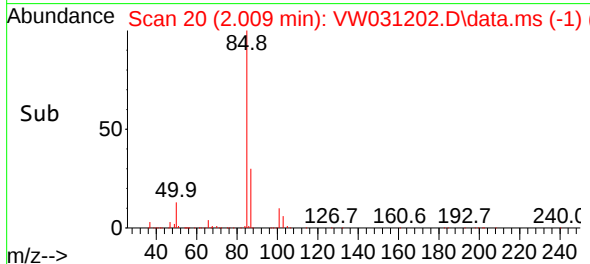
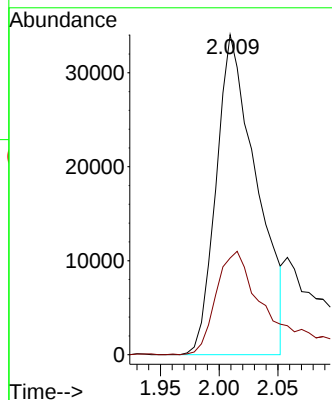
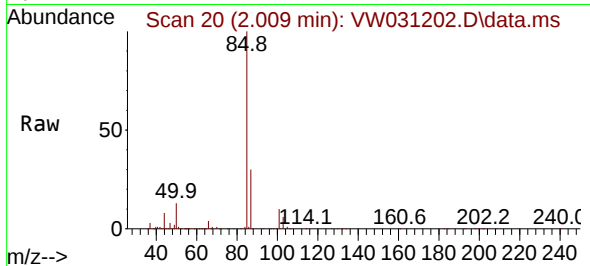




#2
Dichlorodifluoromethane
Concen: 20.866 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

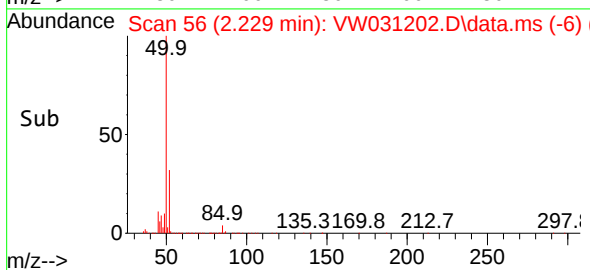
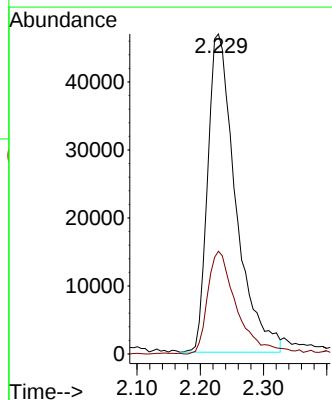
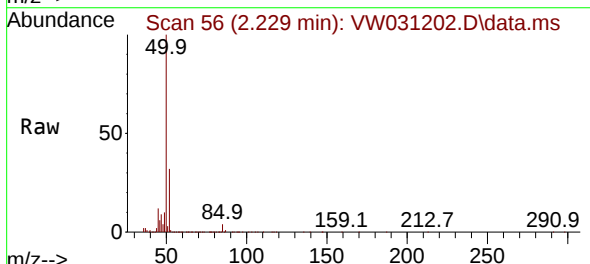
Instrument :
MSVOA_W
ClientSampleId :

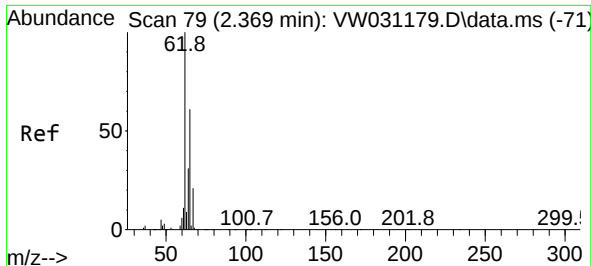
Tgt Ion: 85 Resp: 81468
Ion Ratio Lower Upper
85 100
87 36.3 23.8 35.6#



#3
Chloromethane
Concen: 31.190 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion: 50 Resp: 143623
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.6

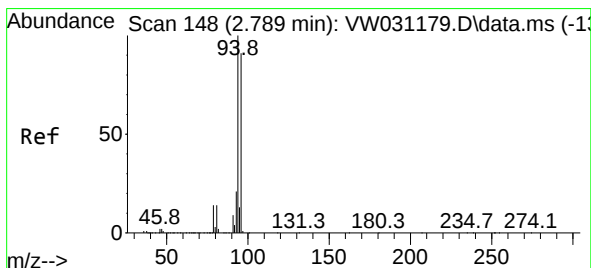
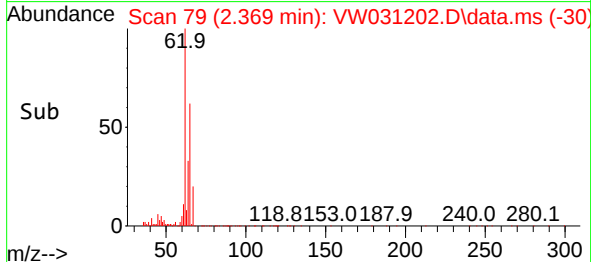
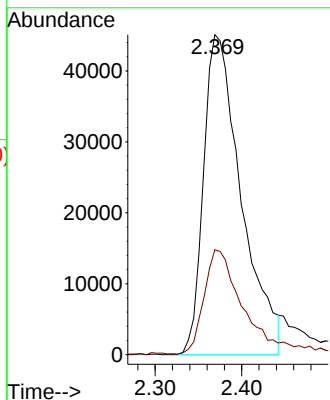
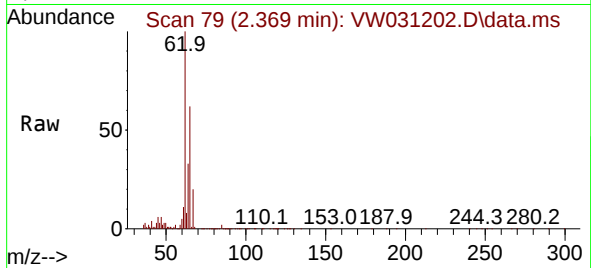




#5
 Vinyl chloride
 Concen: 24.663 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031202.D
 Acq: 10 Dec 2024 19:30

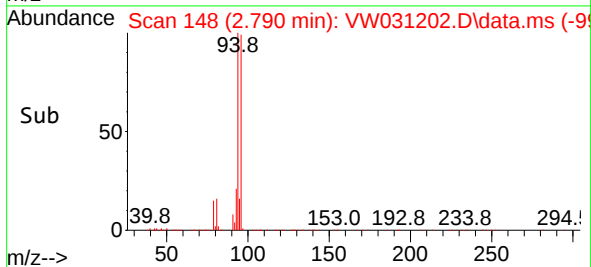
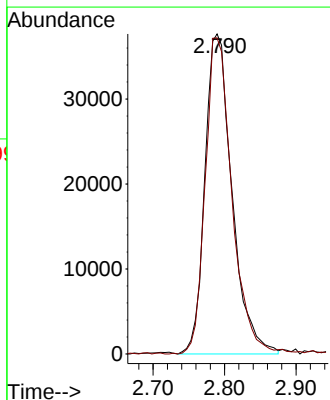
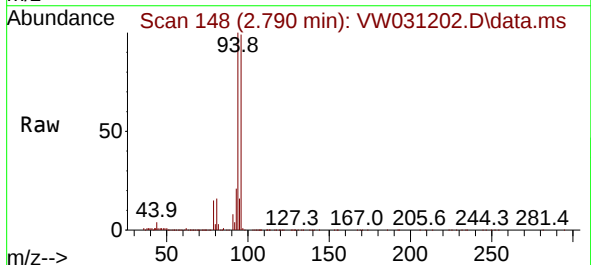
Instrument :
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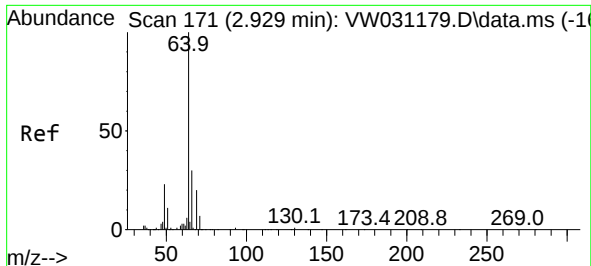
Tgt Ion: 62 Resp: 136418
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.7 42.1



#6
 Bromomethane
 Concen: 28.168 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031202.D
 Acq: 10 Dec 2024 19:30

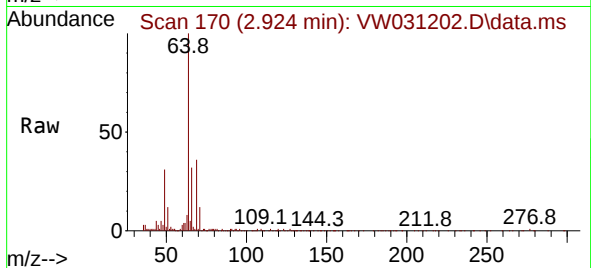
Tgt Ion: 94 Resp: 99078
 Ion Ratio Lower Upper
 94 100
 96 98.8 62.6 116.3



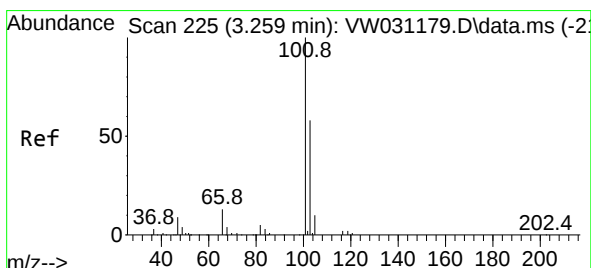
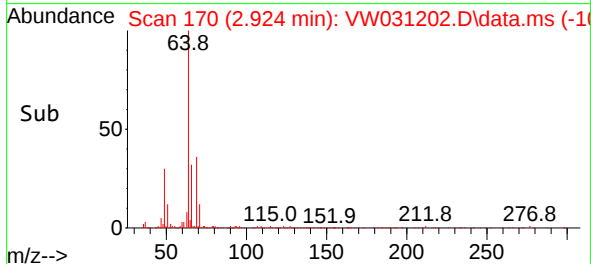
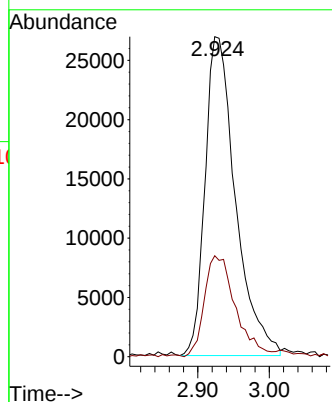


#8
Chloroethane
Concen: 24.040 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Instrument :
MSVOA_W
ClientSampleId :

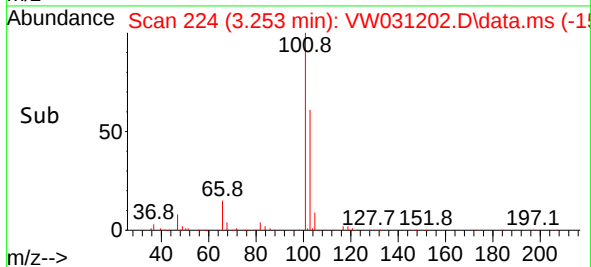
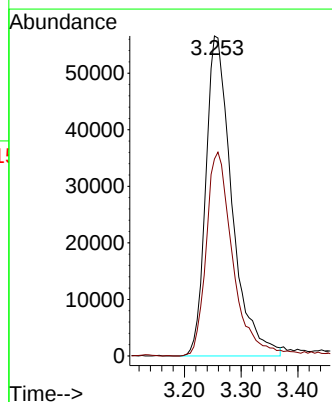
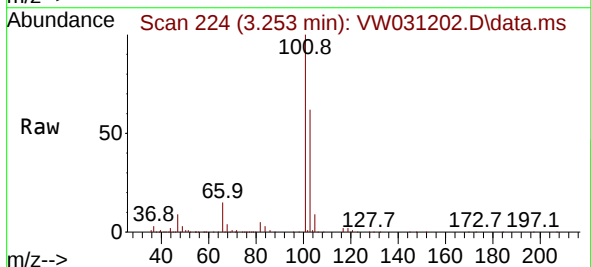


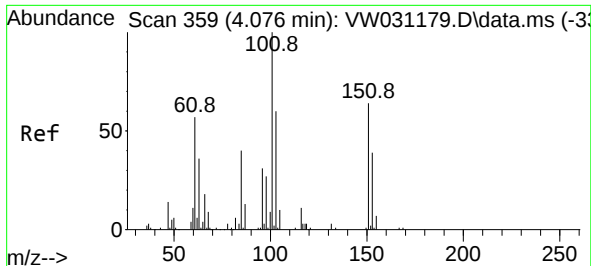
Tgt Ion: 64 Resp: 79535
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 31.039 ug/L
RT: 3.253 min Scan# 224
Delta R.T. -0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion: 101 Resp: 180647
Ion Ratio Lower Upper
101 100
103 65.2 50.7 76.1

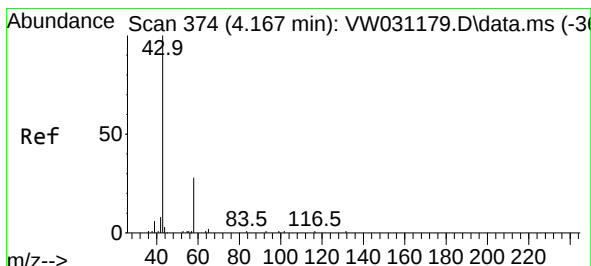
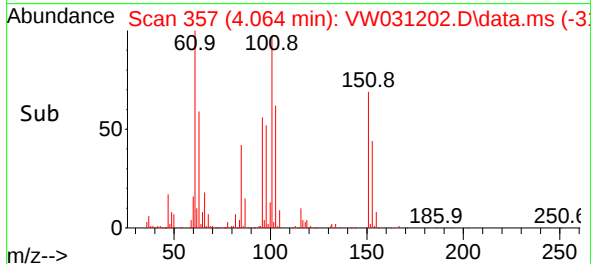
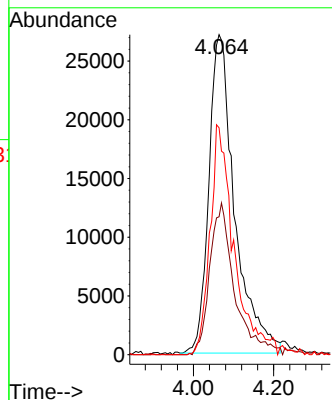
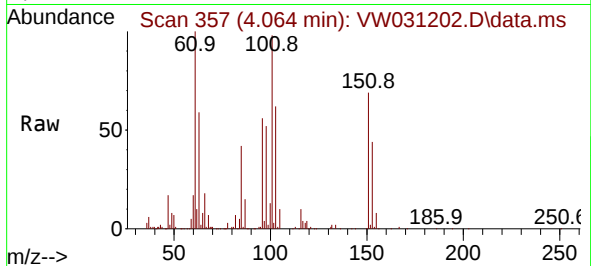




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.469 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.012 min
 Lab File: VW031202.D
 Acq: 10 Dec 2024 19:30

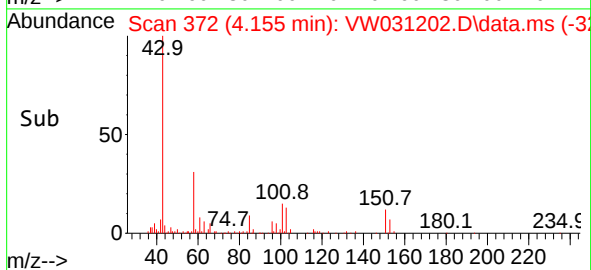
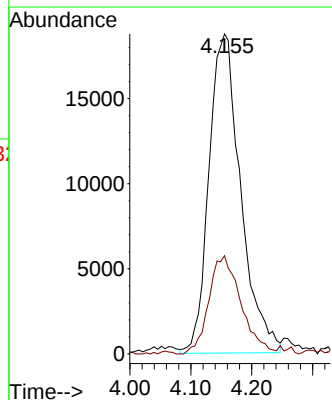
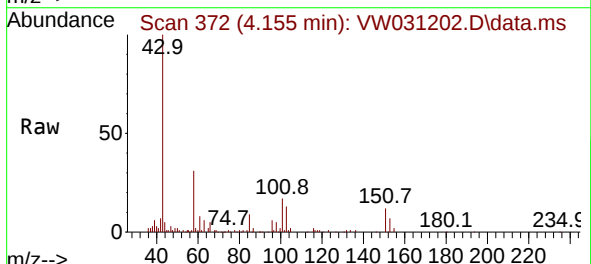
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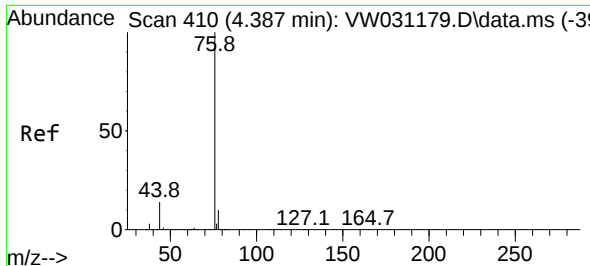
Tgt Ion:101 Resp: 121458
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.9 50.9
 151 63.8 61.8 92.6



#13
 Acetone
 Concen: 45.296 ug/L
 RT: 4.155 min Scan# 372
 Delta R.T. -0.012 min
 Lab File: VW031202.D
 Acq: 10 Dec 2024 19:30

Tgt Ion: 43 Resp: 67857
 Ion Ratio Lower Upper
 43 100
 58 31.1 0.0 67.2

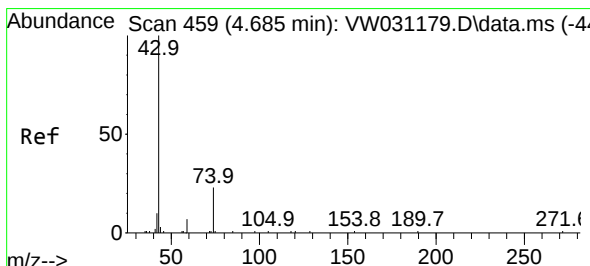
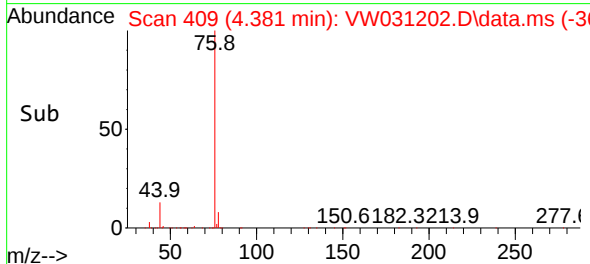
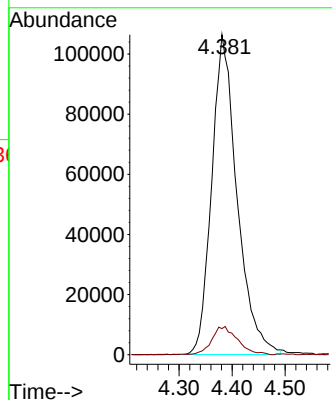
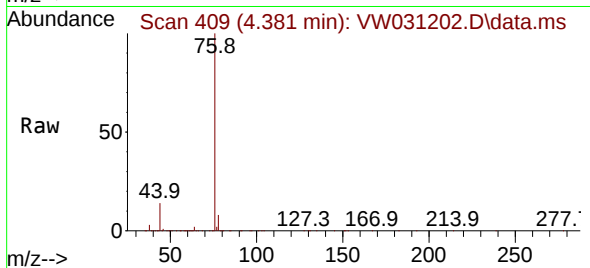




#14
Carbon disulfide
Concen: 24.516 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

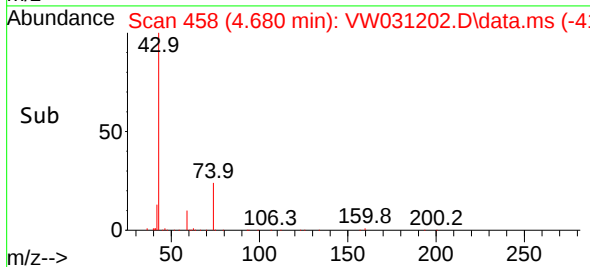
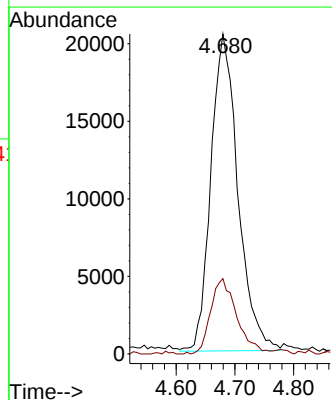
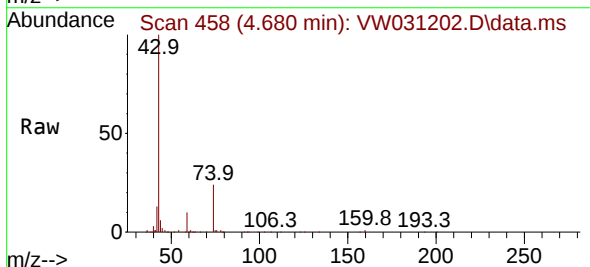
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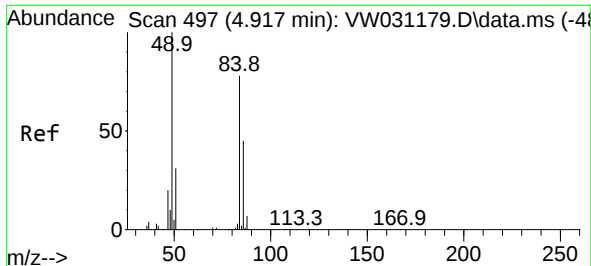
Tgt Ion: 76 Resp: 353032
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#15
Methyl Acetate
Concen: 41.621 ug/L
RT: 4.680 min Scan# 458
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 65426
Ion Ratio Lower Upper
43 100
74 22.7 20.8 31.2

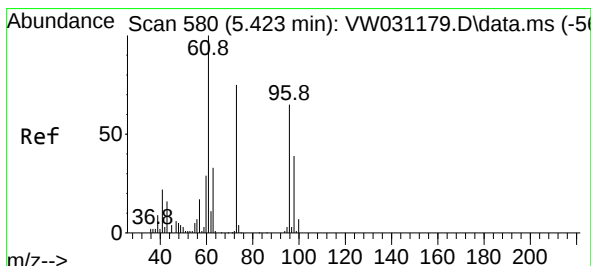
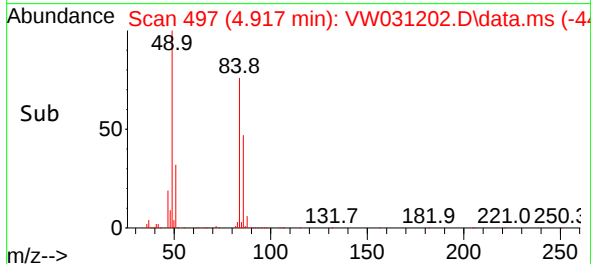
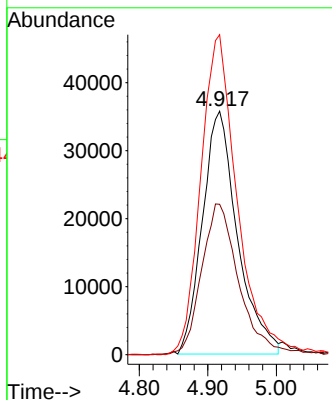
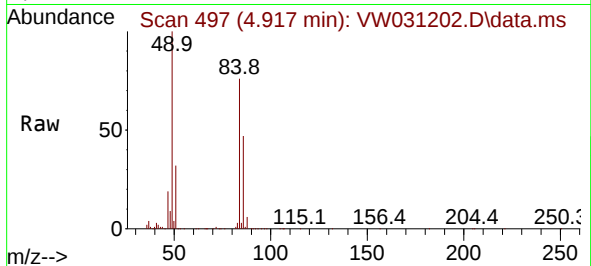




#16
Methylene chloride
Concen: 28.398 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

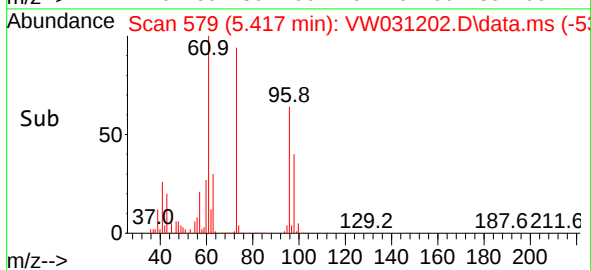
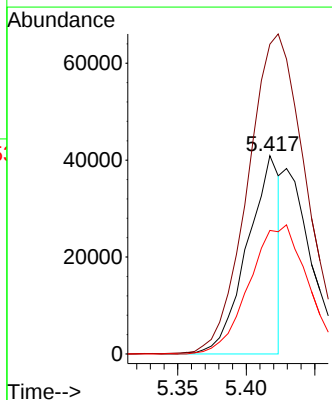
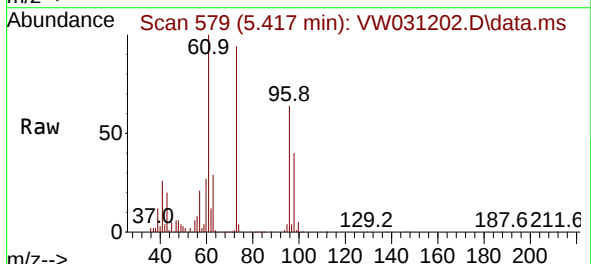
Instrument :
MSVOA_W
ClientSampleId :

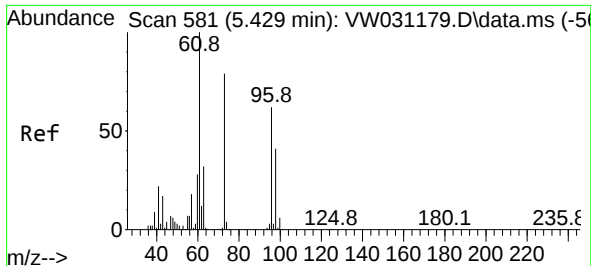
Tgt Ion: 84 Resp: 127071
Ion Ratio Lower Upper
84 100
86 61.8 44.9 83.5
49 131.4 79.9 148.5



#17
trans-1,2-Dichloroethene
Concen: 14.482 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

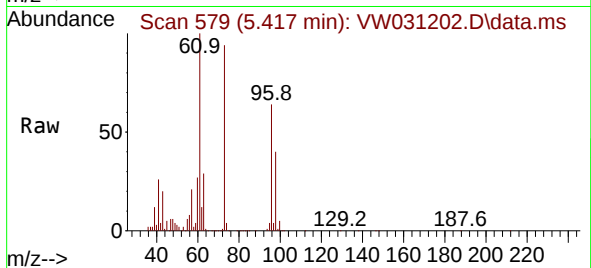
Tgt Ion: 96 Resp: 67593
Ion Ratio Lower Upper
96 100
61 156.3 92.7 172.3
98 62.3 44.4 82.4



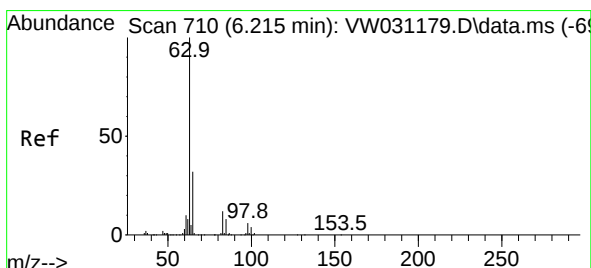
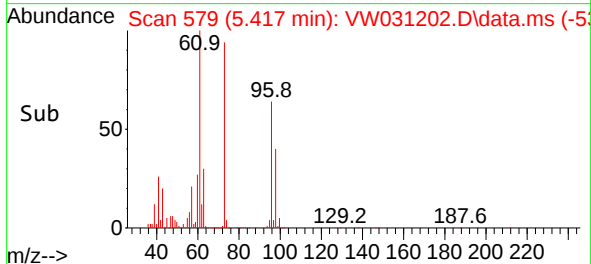
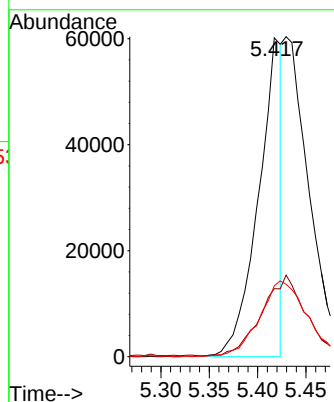


#18
Methyl tert-butyl Ether
Concen: 15.513 ug/L
RT: 5.417 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Instrument :
MSVOA_W
ClientSampleId :

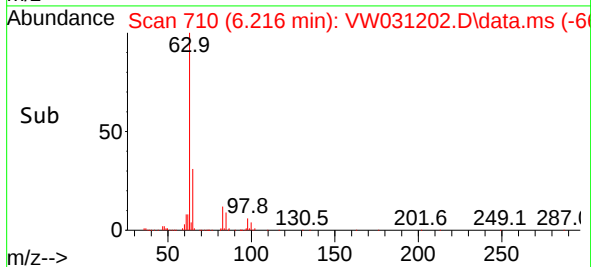
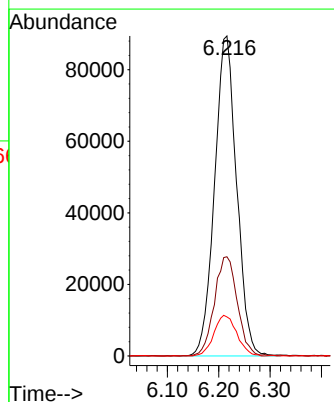
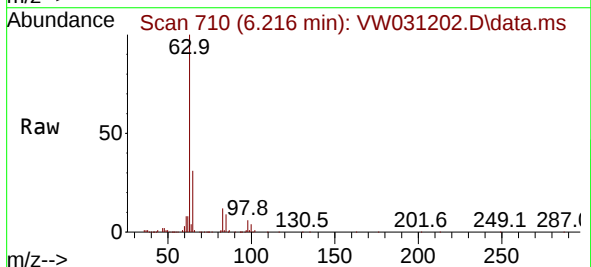


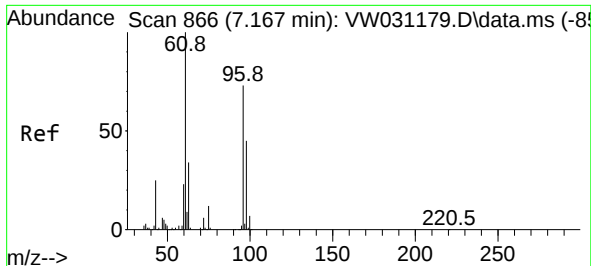
Tgt Ion: 73 Resp: 101296
Ion Ratio Lower Upper
73 100
43 47.8 15.4 23.0#
57 48.5 17.6 26.4#



#19
1,1-Dichloroethane
Concen: 31.003 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion: 63 Resp: 266160
Ion Ratio Lower Upper
63 100
65 31.0 21.7 40.3
83 12.8 8.9 16.5

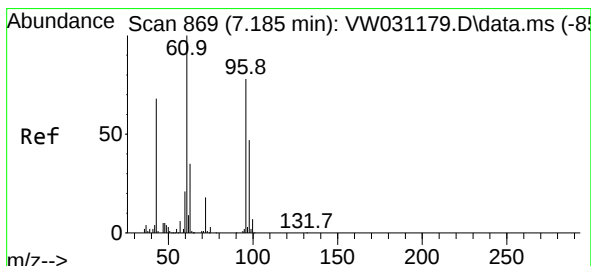
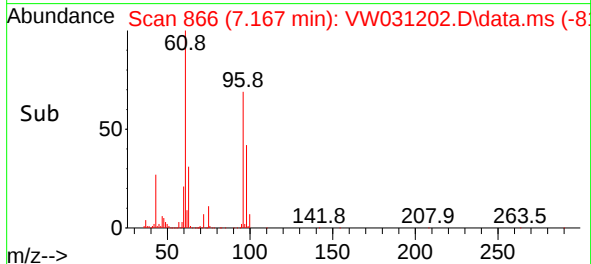
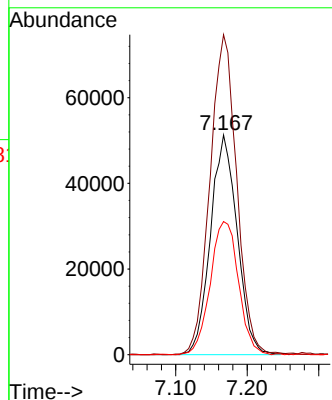
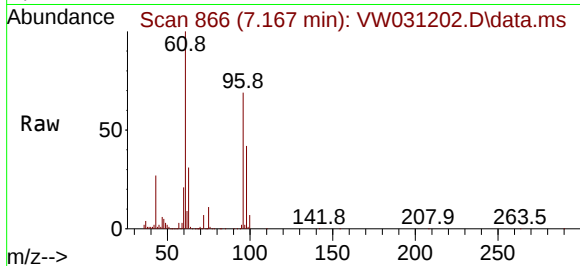




#20
 cis-1,2-Dichloroethene
 Concen: 27.107 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW031202.D
 Acq: 10 Dec 2024 19:30

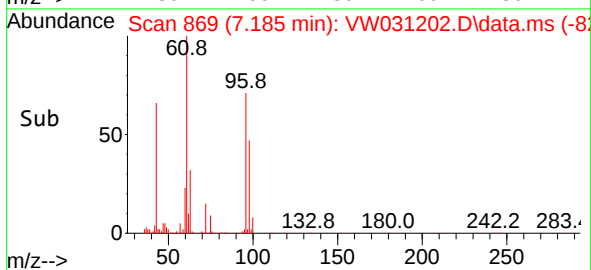
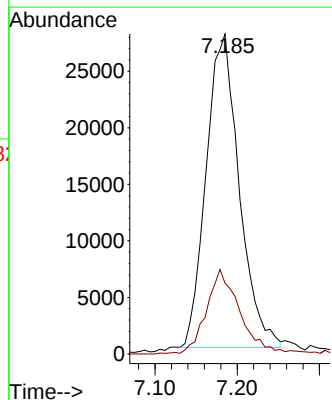
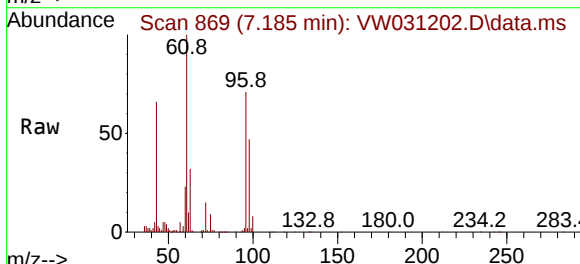
Instrument :
 MSVOA_W
 ClientSampleId :

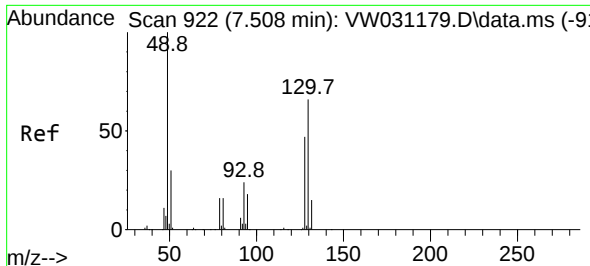
Tgt Ion: 96 Resp: 132897
 Ion Ratio Lower Upper
 96 100
 61 145.7 83.7 155.5
 98 60.6 43.9 81.5



#22
 2-Butanone
 Concen: 55.067 ug/L
 RT: 7.185 min Scan# 869
 Delta R.T. 0.000 min
 Lab File: VW031202.D
 Acq: 10 Dec 2024 19:30

Tgt Ion: 43 Resp: 77527
 Ion Ratio Lower Upper
 43 100
 72 26.6 14.9 44.7

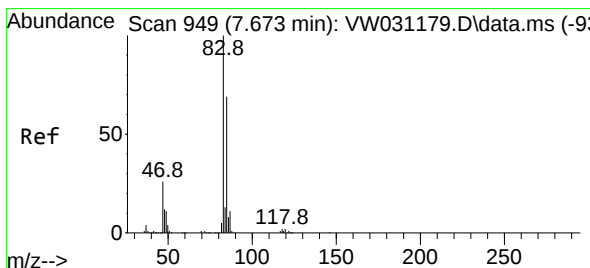
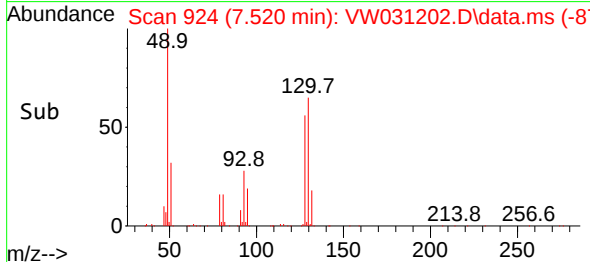
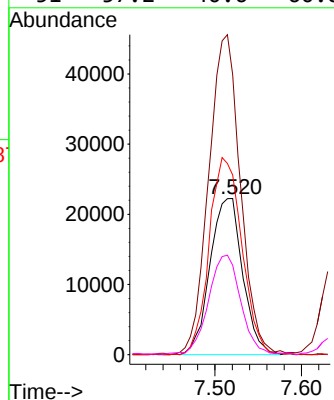
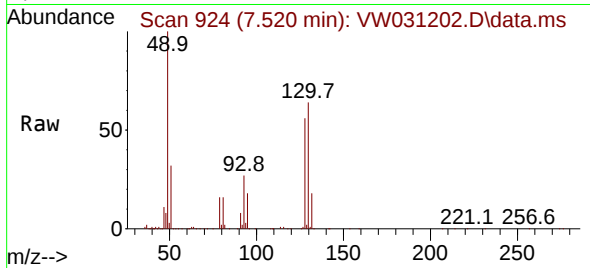




#23
Bromochloromethane
Concen: 27.955 ug/L
RT: 7.520 min Scan# 912
Delta R.T. 0.013 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

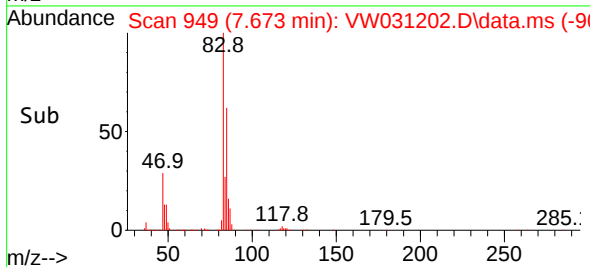
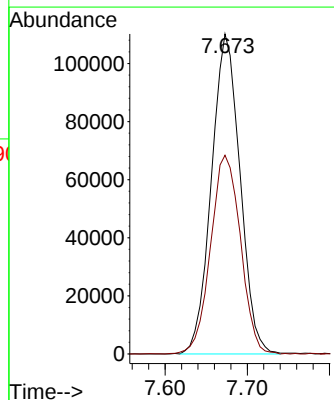
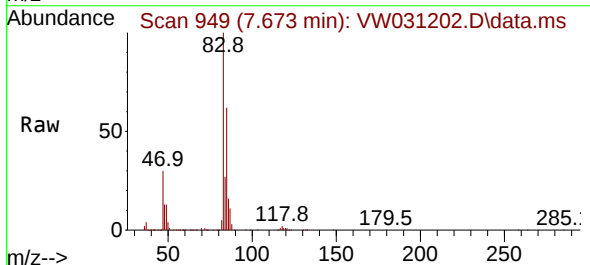
Instrument :
MSVOA_W
ClientSampleId :

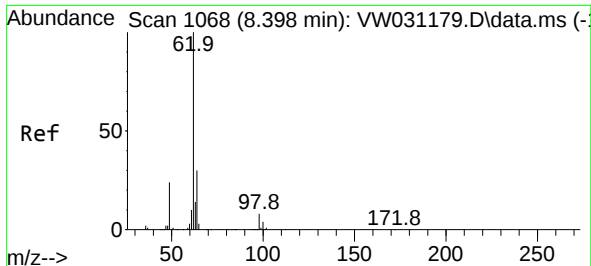
Tgt Ion:128 Resp: 58191
Ion Ratio Lower Upper
128 100
49 179.3 110.9 206.1
130 115.0 93.7 173.9
51 57.2 40.6 60.8



#25
Chloroform
Concen: 29.805 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion: 83 Resp: 266130
Ion Ratio Lower Upper
83 100
85 62.1 46.5 86.3





#27

1,2-Dichloroethane

Concen: 34.011 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

Instrument :

MSVOA_W

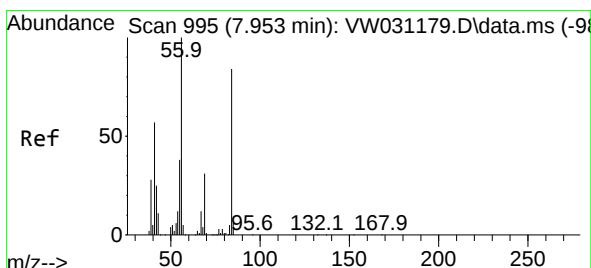
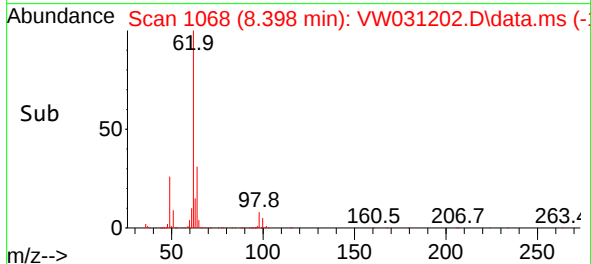
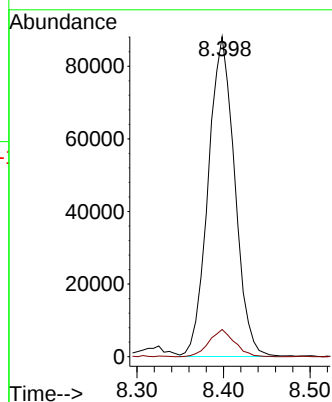
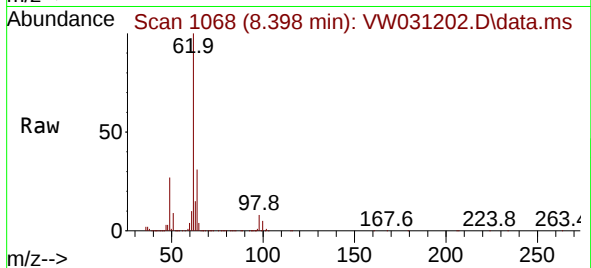
ClientSampleId :

Tgt Ion: 62 Resp: 187061

Ion Ratio Lower Upper

62 100

98 8.5 7.7 11.5



#29

Cyclohexane

Concen: 26.284 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

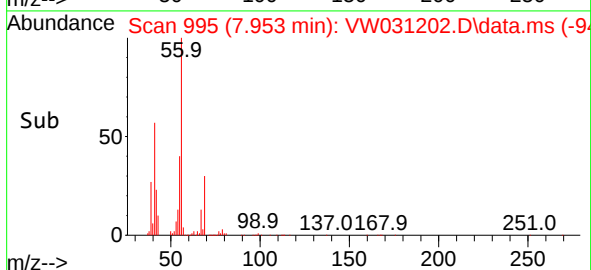
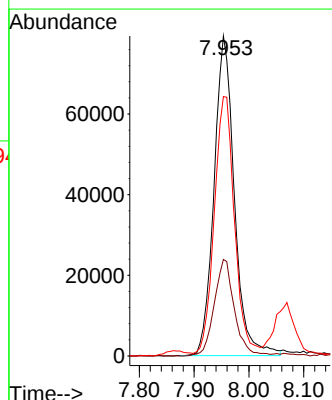
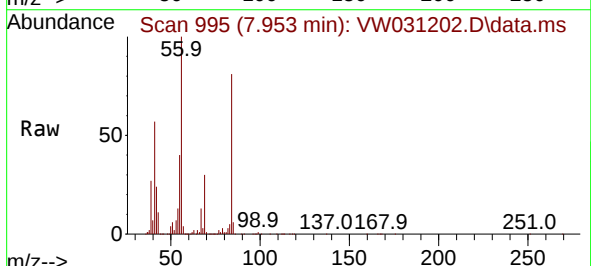
Tgt Ion: 56 Resp: 204507

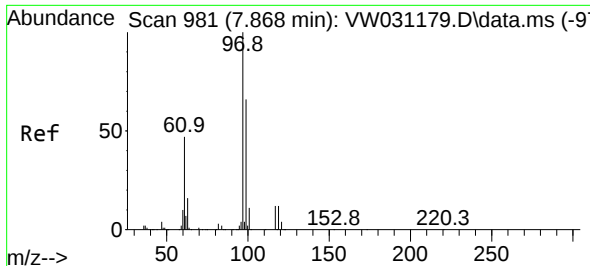
Ion Ratio Lower Upper

56 100

69 29.6 25.4 38.2

84 80.9 71.1 106.7



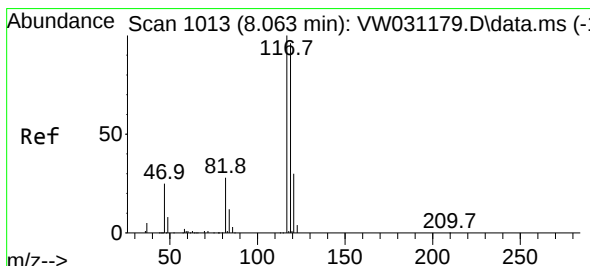
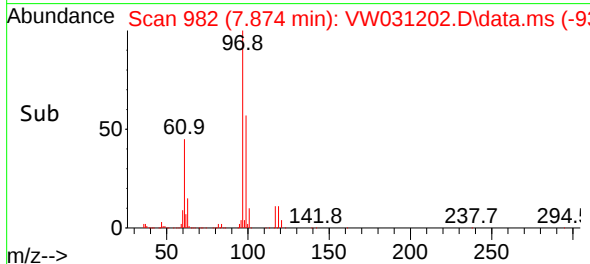
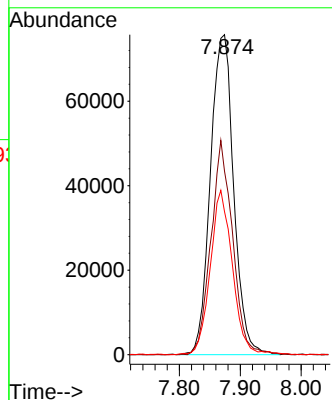
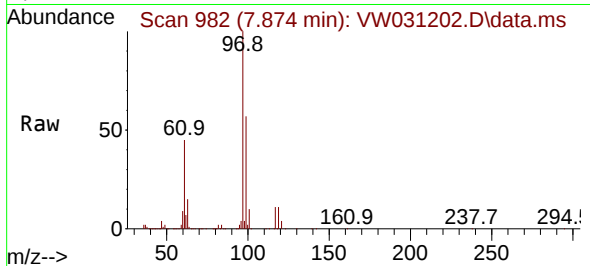


#30
1,1,1-Trichloroethane
Concen: 24.176 ug/L
RT: 7.874 min Scan# 981
Delta R.T. 0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 201298

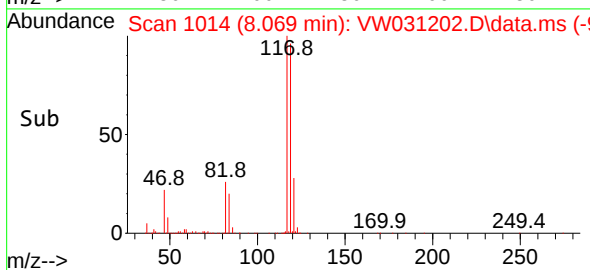
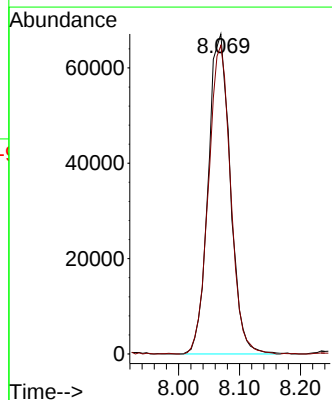
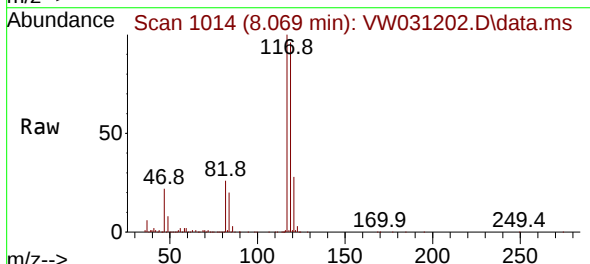
Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.6	77.4
61	48.7	33.8	50.6

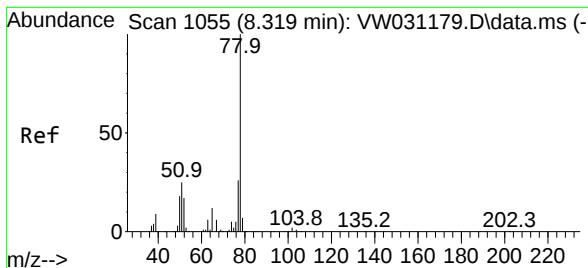


#31
Carbon tetrachloride
Concen: 22.256 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion: 117 Resp: 169337

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8





#33

Benzene

Concen: 26.851 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031202.D

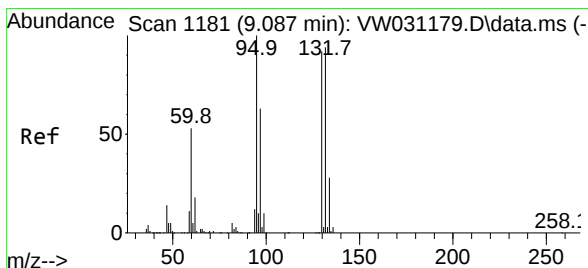
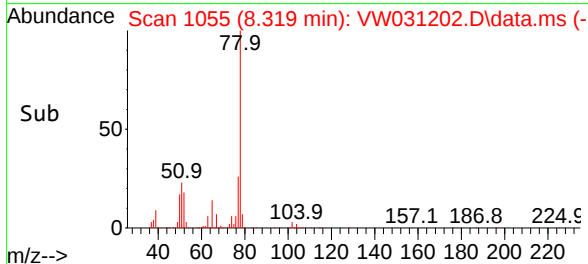
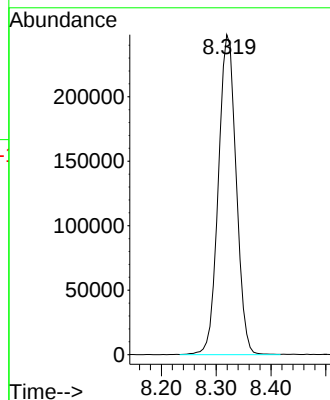
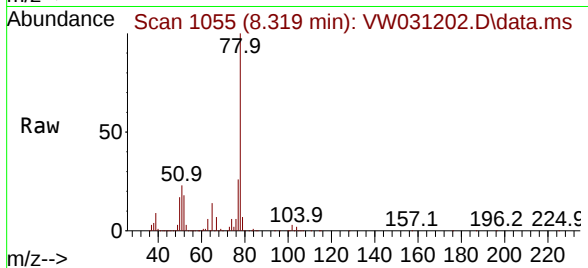
Acq: 10 Dec 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 561275



#34

Trichloroethene

Concen: 24.198 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

Tgt Ion: 95 Resp: 139528

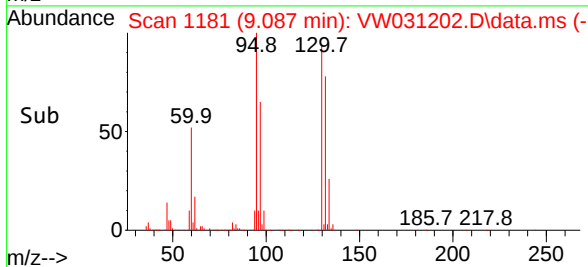
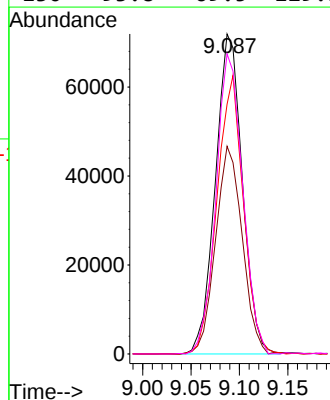
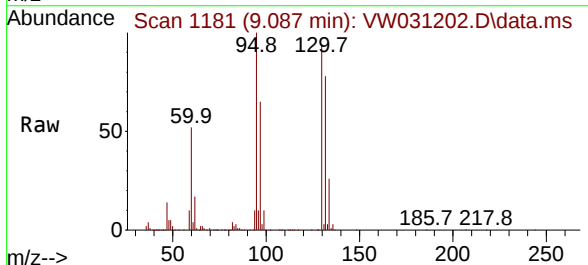
Ion Ratio Lower Upper

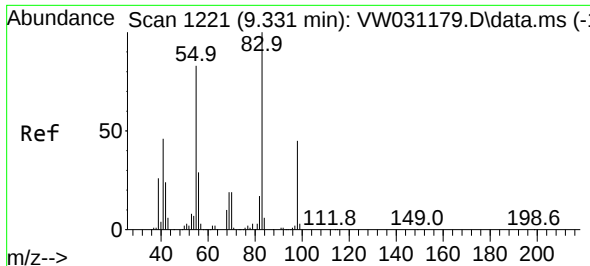
95 100

97 64.9 48.0 89.2

132 78.1 67.4 125.2

130 93.8 69.5 129.1

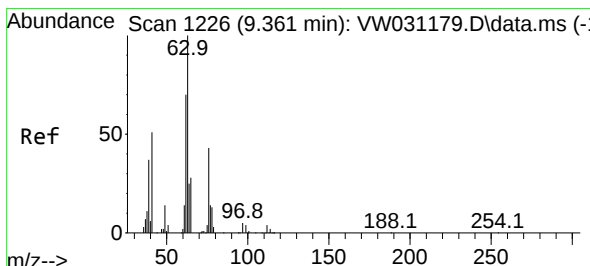
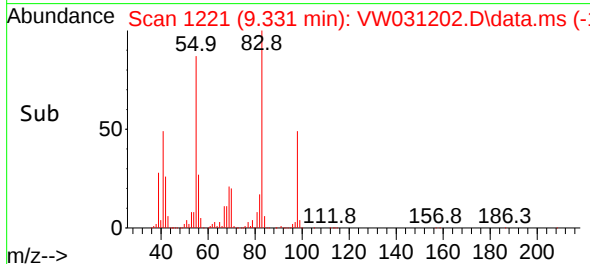
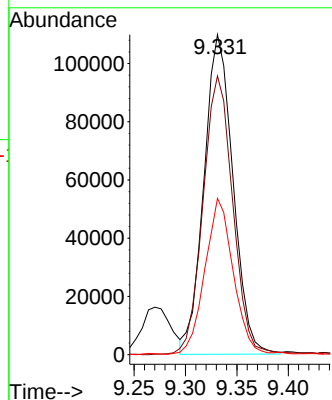
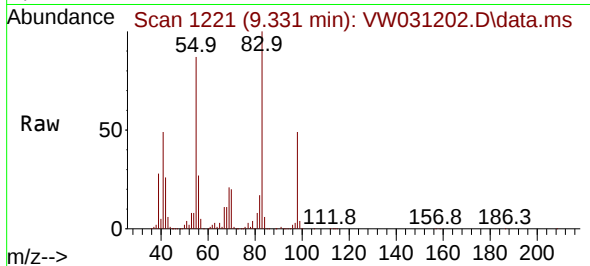




#35
Methylcyclohexane
Concen: 23.535 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

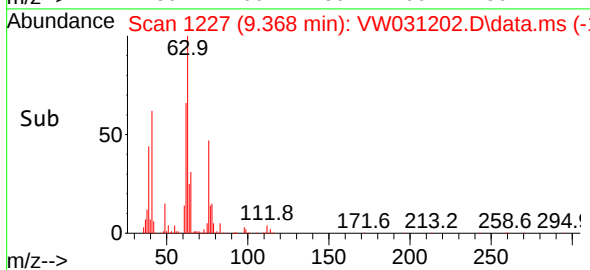
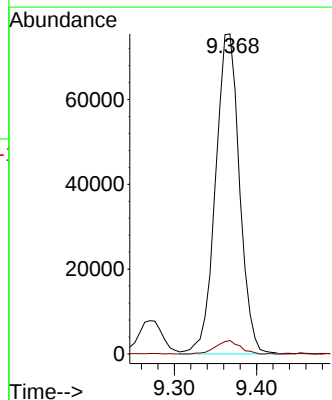
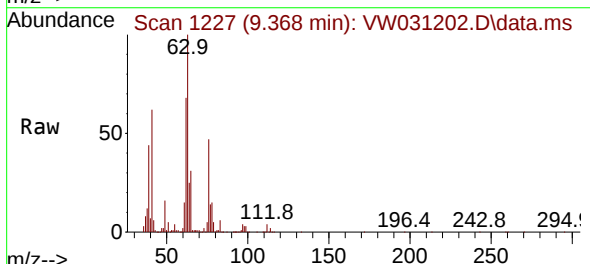
Instrument :
MSVOA_W
ClientSampleId :

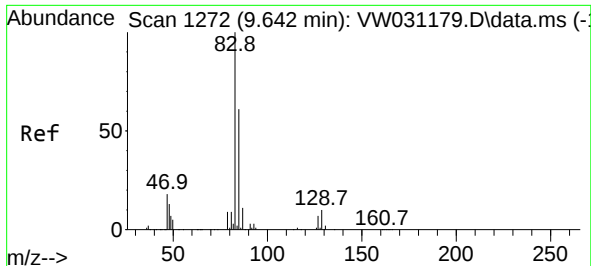
Tgt Ion: 83 Resp: 215945
Ion Ratio Lower Upper
83 100
55 89.6 59.5 89.3#
98 47.7 38.7 58.1



#37
1,2-Dichloropropane
Concen: 29.493 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion: 63 Resp: 153361
Ion Ratio Lower Upper
63 100
112 4.2 3.9 5.9

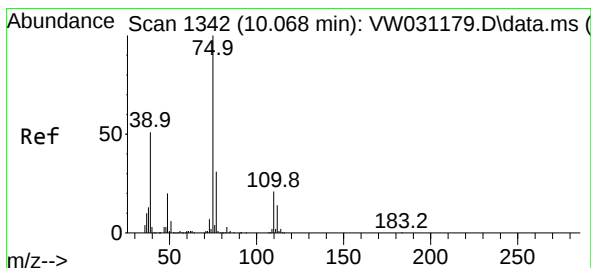
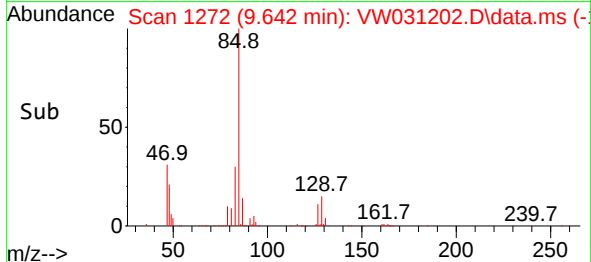
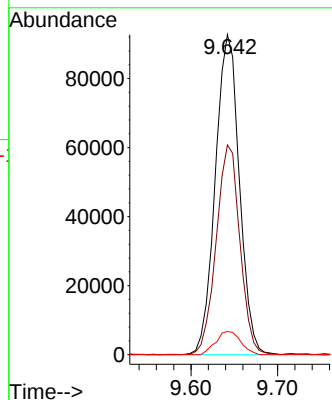
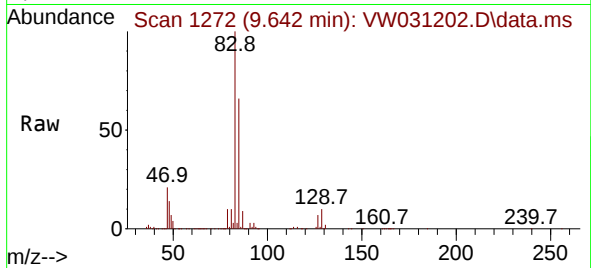




#38
Bromodichloromethane
Concen: 26.296 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

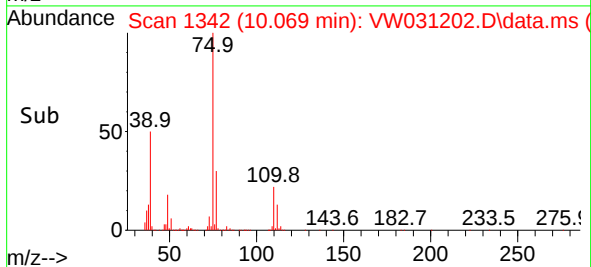
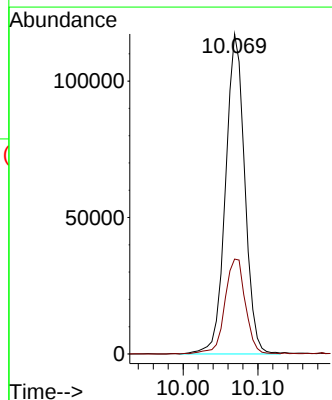
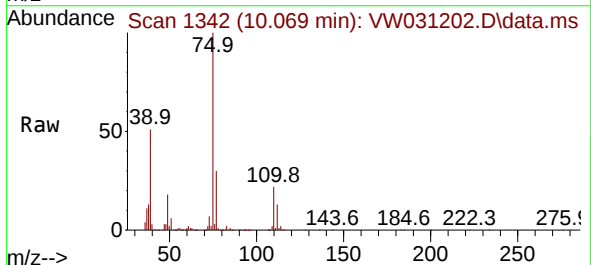
Instrument :
MSVOA_W
ClientSampleId :

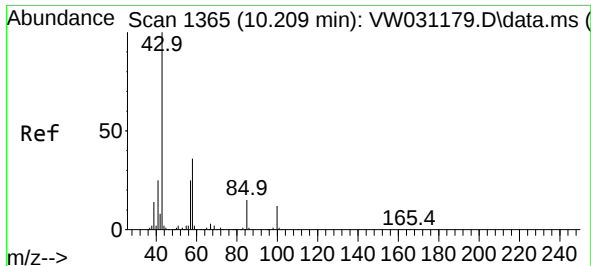
Tgt Ion: 83 Resp: 178982
Ion Ratio Lower Upper
83 100
85 65.5 48.7 90.5
127 7.3 7.2 10.8



#39
cis-1,3-Dichloropropene
Concen: 26.706 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion: 75 Resp: 209669
Ion Ratio Lower Upper
75 100
77 29.7 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 73.851 ug/L

RT: 10.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

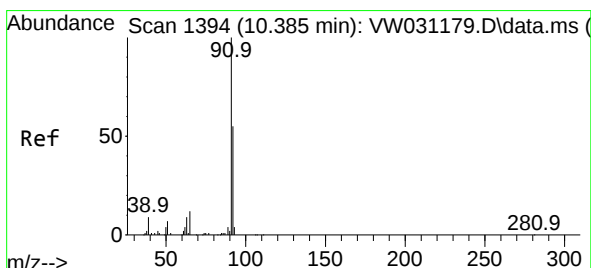
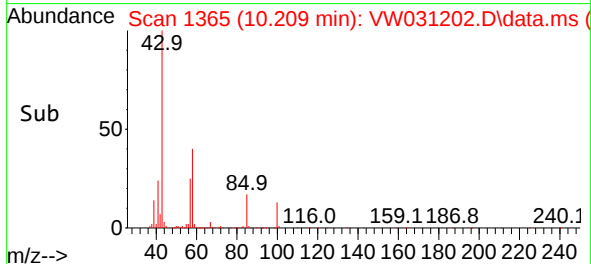
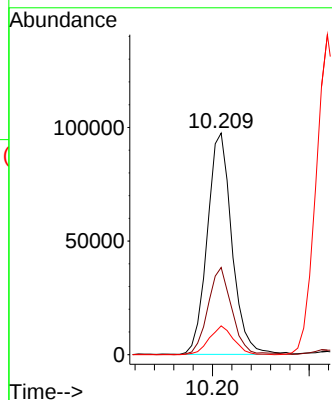
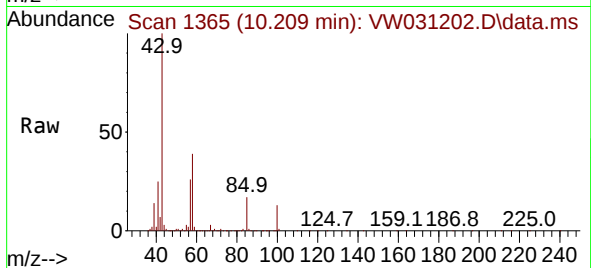
Tgt Ion: 43 Resp: 171966

Ion Ratio Lower Upper

43 100

58 37.8 33.7 50.5

100 13.0 14.2 21.2#



#42

Toluene

Concen: 25.953 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031202.D

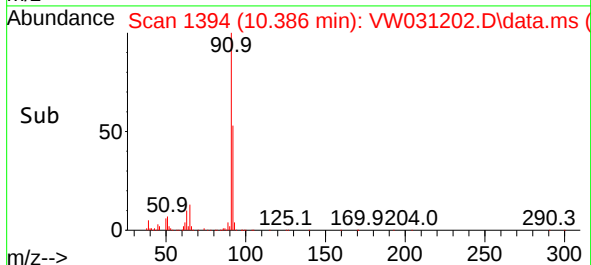
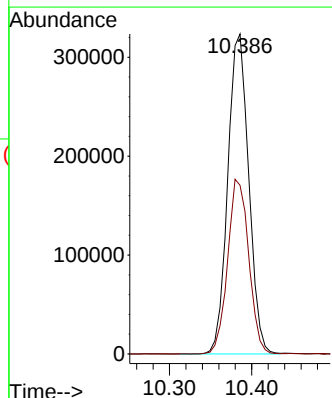
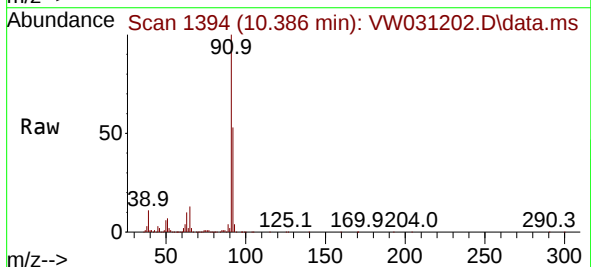
Acq: 10 Dec 2024 19:30

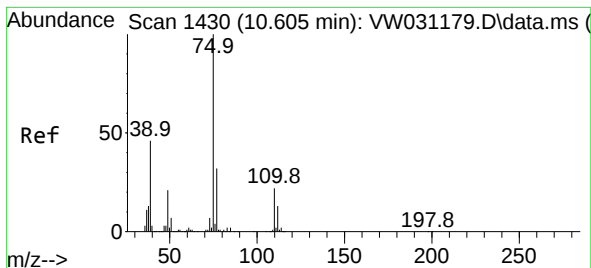
Tgt Ion: 91 Resp: 571475

Ion Ratio Lower Upper

91 100

92 52.7 40.8 75.8

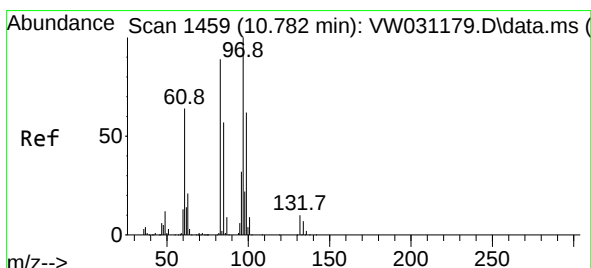
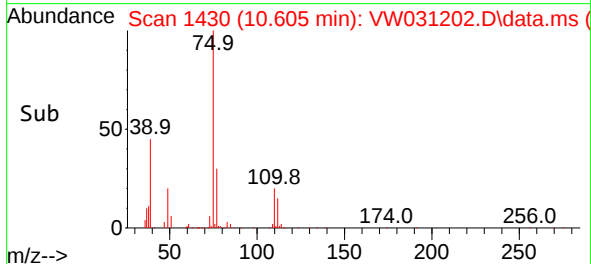
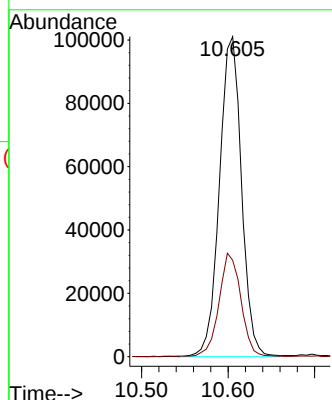
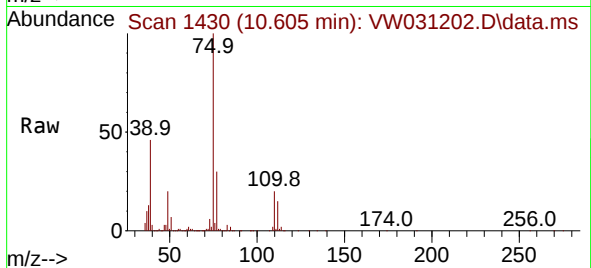




#44
trans-1,3-Dichloropropene
Concen: 27.699 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

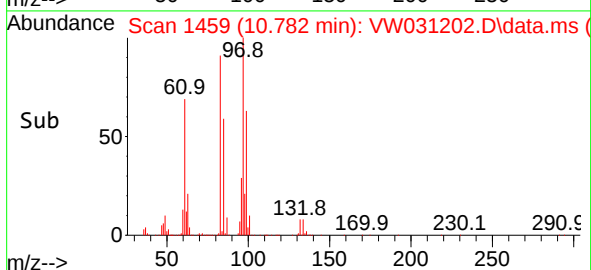
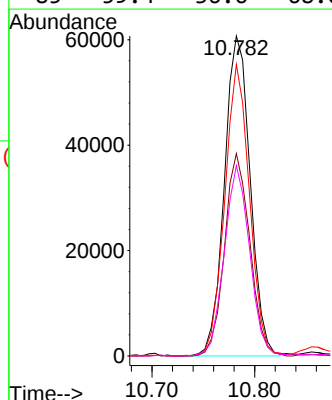
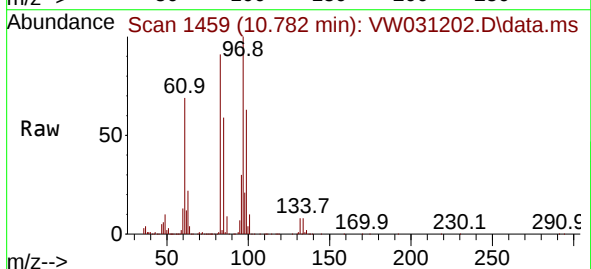
Instrument :
MSVOA_W
ClientSampleId :

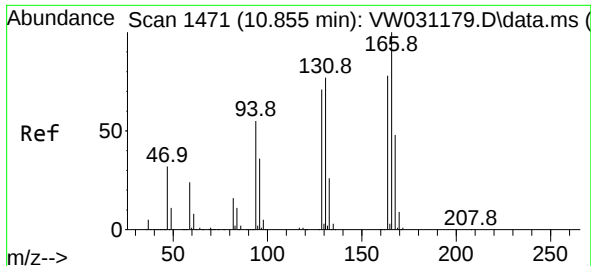
Tgt Ion: 75 Resp: 178783
Ion Ratio Lower Upper
75 100
77 30.1 22.1 41.1



#45
1,1,2-Trichloroethane
Concen: 29.608 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

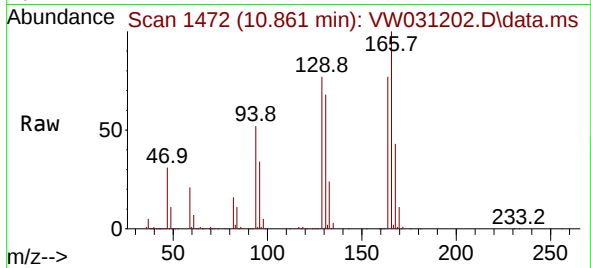
Tgt Ion: 97 Resp: 105810
Ion Ratio Lower Upper
97 100
99 63.3 42.4 78.8
83 91.2 57.8 107.4
85 59.4 36.6 68.0



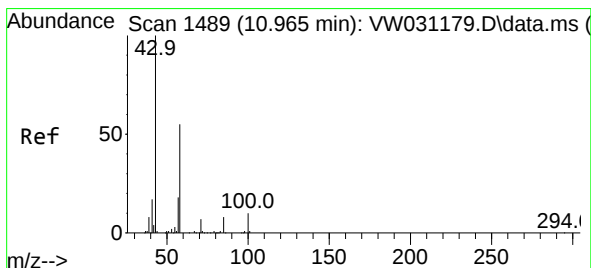
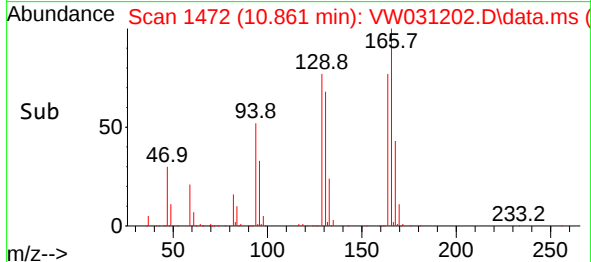
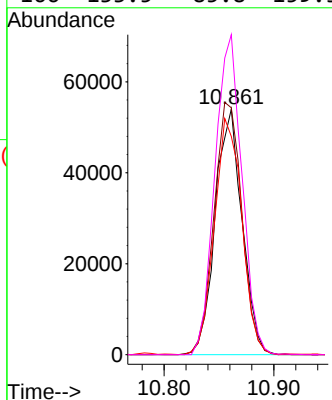


#46
Tetrachloroethene
Concen: 21.531 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Instrument :
MSVOA_W
ClientSampleId :

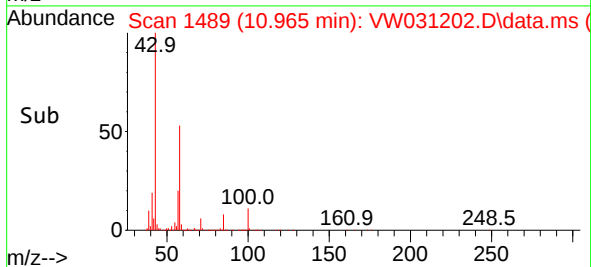
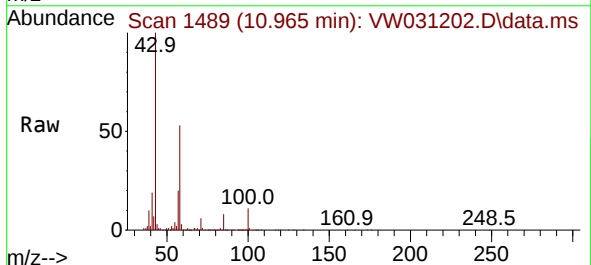
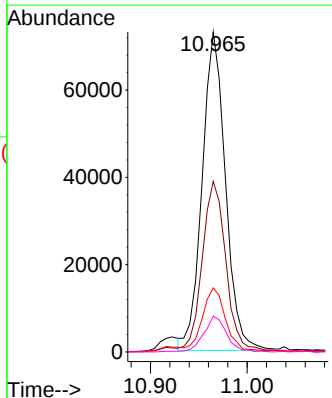


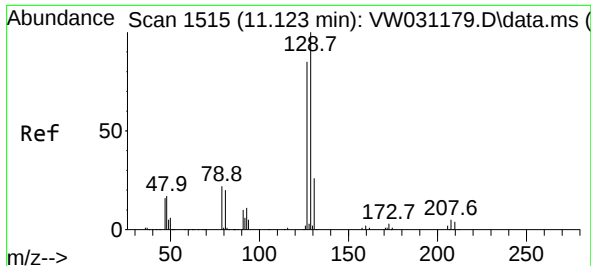
Tgt Ion:164 Resp: 92035
Ion Ratio Lower Upper
164 100
129 100.5 61.9 114.9
131 88.9 67.9 126.1
166 133.5 85.8 159.3



#48
2-Hexanone
Concen: 58.158 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion: 43 Resp: 122520
Ion Ratio Lower Upper
43 100
58 54.6 49.8 74.6
57 19.7 16.6 24.8
100 11.0 11.4 17.2#





#49

Dibromochloromethane

Concen: 27.247 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

Instrument :

MSVOA_W

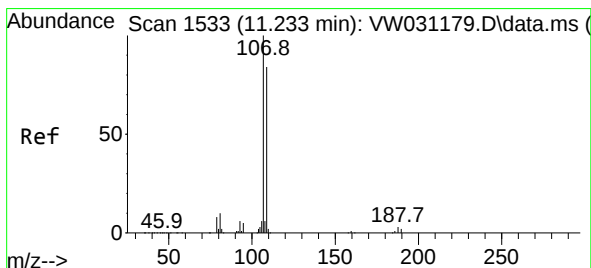
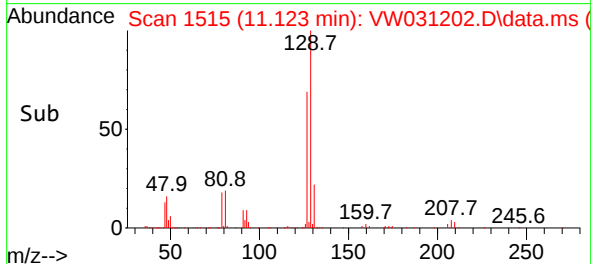
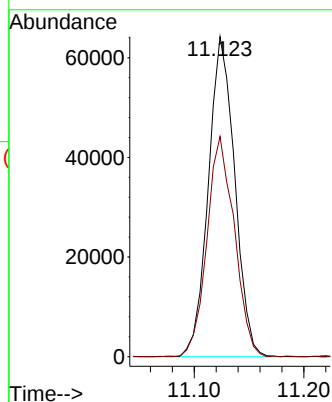
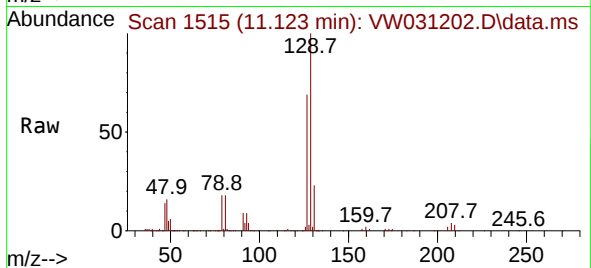
ClientSampleId :

Tgt Ion:129 Resp: 107267

Ion Ratio Lower Upper

129 100

127 71.5 51.4 95.4



#50

1,2-Dibromoethane

Concen: 28.865 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

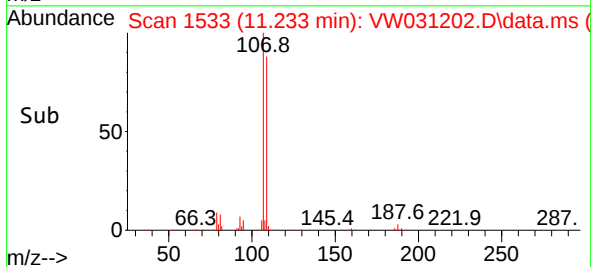
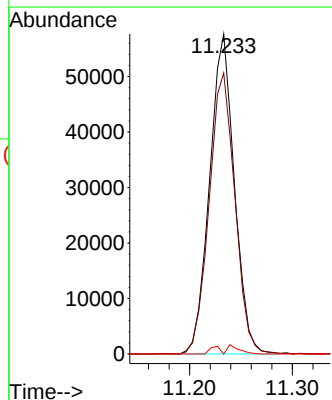
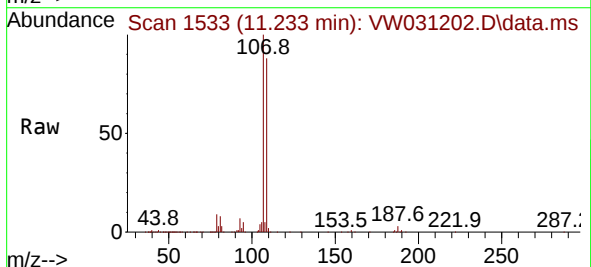
Tgt Ion:107 Resp: 96397

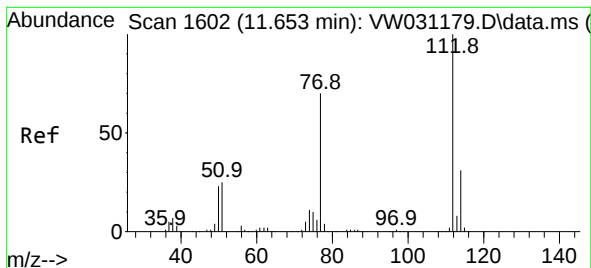
Ion Ratio Lower Upper

107 100

109 87.8 71.0 131.9

188 0.2 3.0 4.4#





#51

Chlorobenzene

Concen: 25.034 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

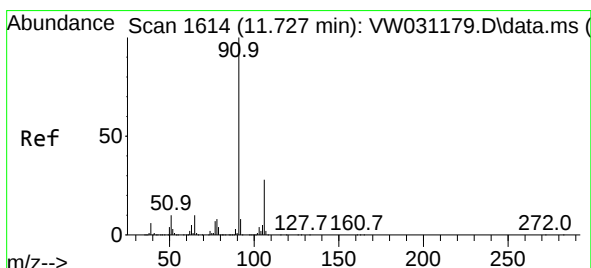
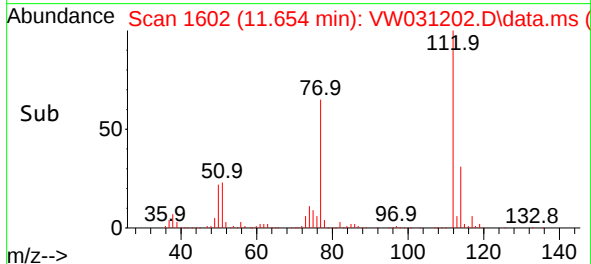
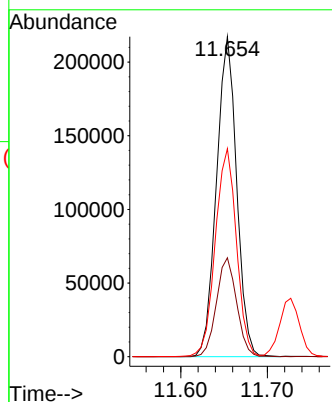
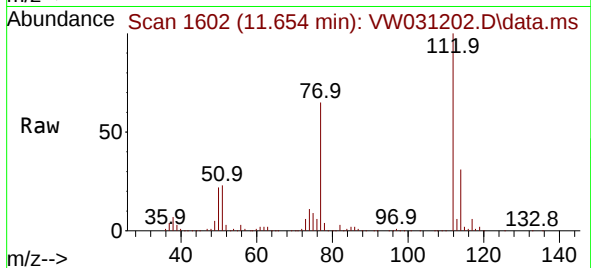
Tgt Ion:112 Resp: 351879

Ion Ratio Lower Upper

112 100

114 30.9 21.2 39.4

77 65.0 45.4 68.0



#52

Ethylbenzene

Concen: 26.221 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031202.D

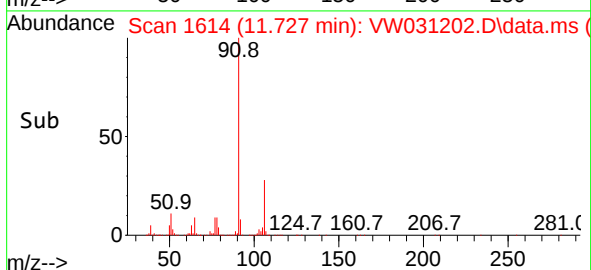
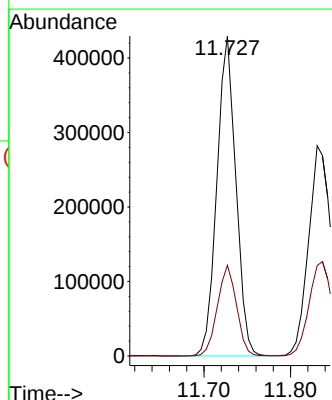
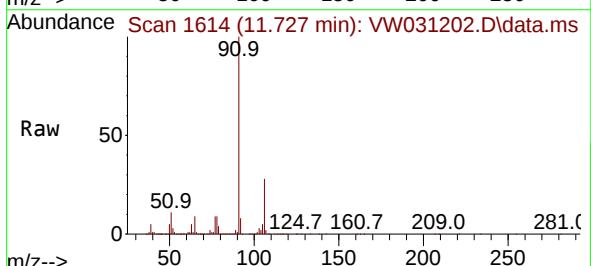
Acq: 10 Dec 2024 19:30

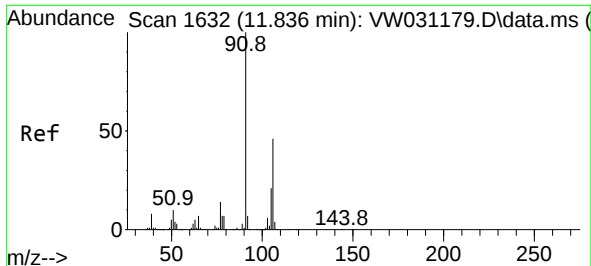
Tgt Ion: 91 Resp: 654277

Ion Ratio Lower Upper

91 100

106 28.3 21.3 39.5

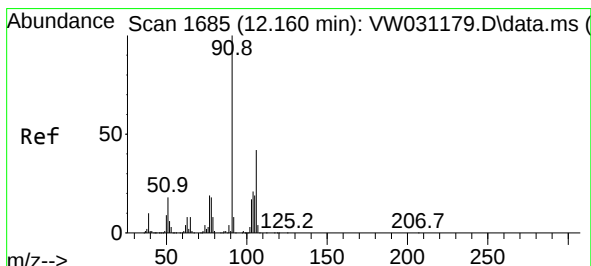
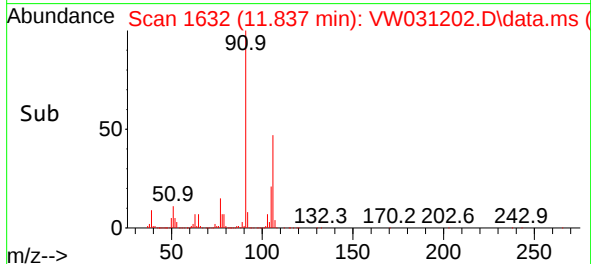
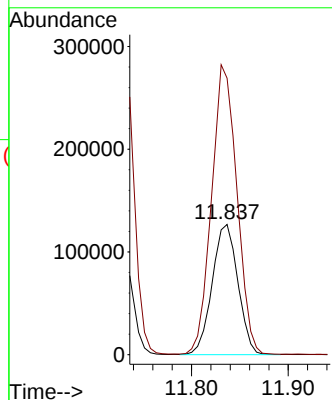
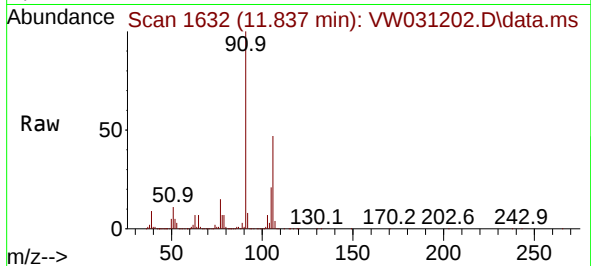




#53
m,p-Xylene
Concen: 25.197 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

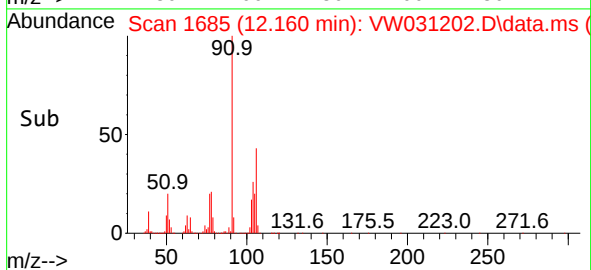
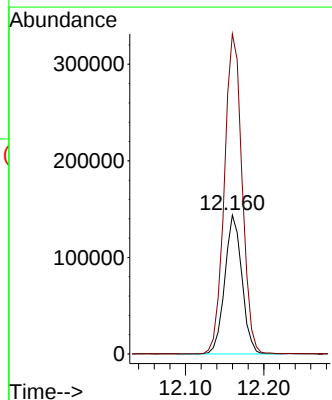
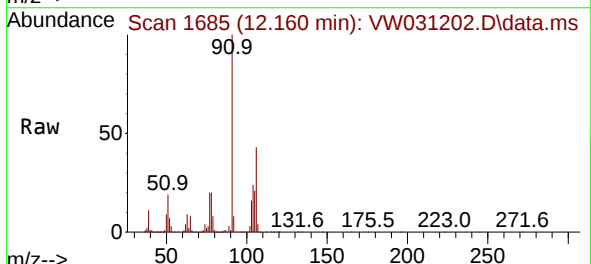
Instrument :
MSVOA_W
ClientSampleId :

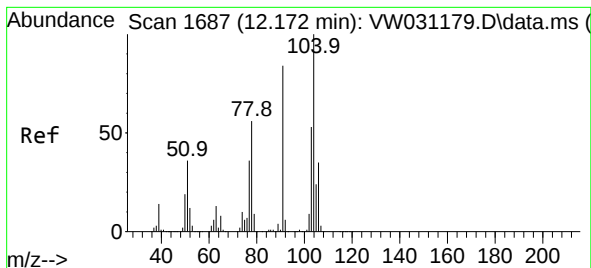
Tgt Ion:106 Resp: 233999
Ion Ratio Lower Upper
106 100
91 212.2 140.9 261.7



#54
o-Xylene
Concen: 25.318 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion:106 Resp: 218737
Ion Ratio Lower Upper
106 100
91 230.3 152.7 283.5





#55

Styrene

Concen: 26.528 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

Instrument :

MSVOA_W

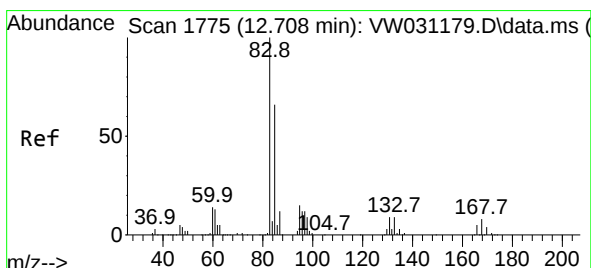
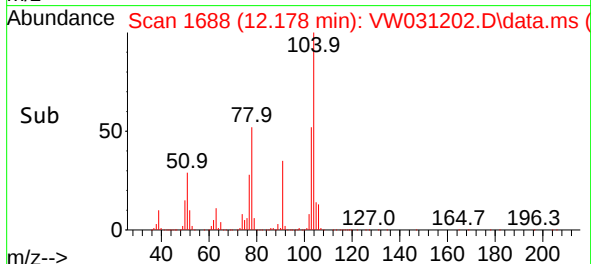
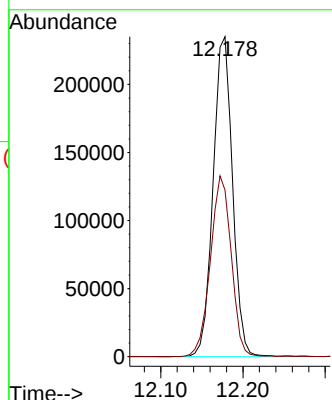
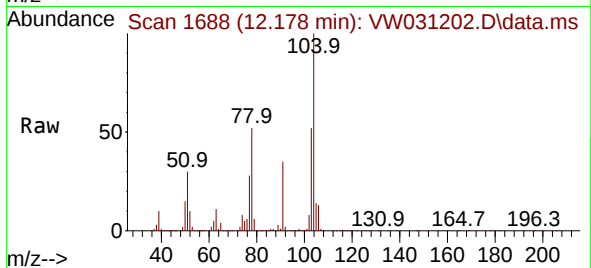
ClientSampleId :

Tgt Ion:104 Resp: 385806

Ion Ratio Lower Upper

104 100

78 52.1 30.2 56.0



#57

1,1,2,2-Tetrachloroethane

Concen: 33.067 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

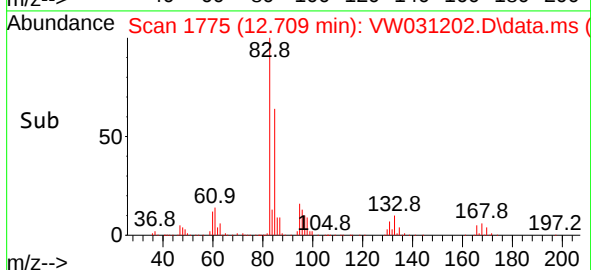
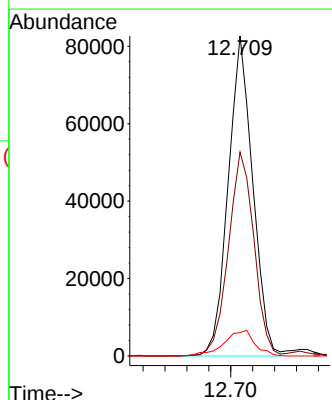
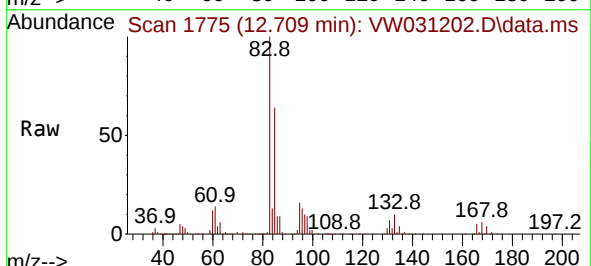
Tgt Ion: 83 Resp: 128016

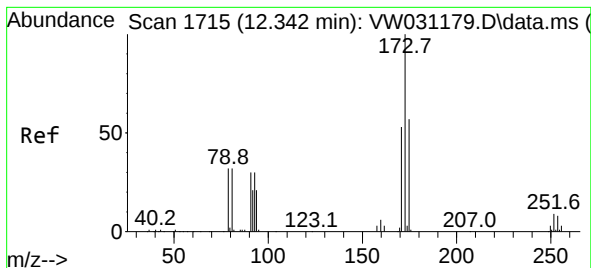
Ion Ratio Lower Upper

83 100

85 63.8 48.3 89.7

131 7.3 8.9 13.3#





#59

Bromoform

Concen: 25.277 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW031202.D

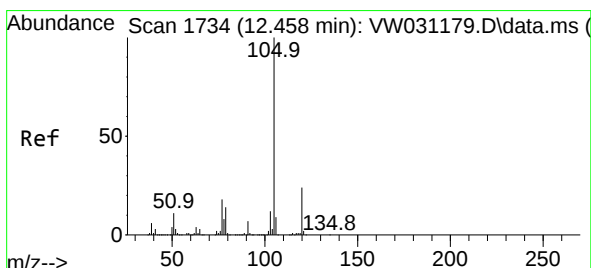
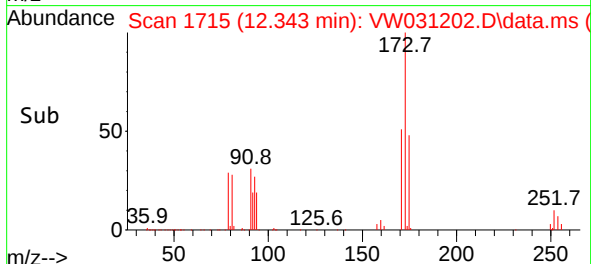
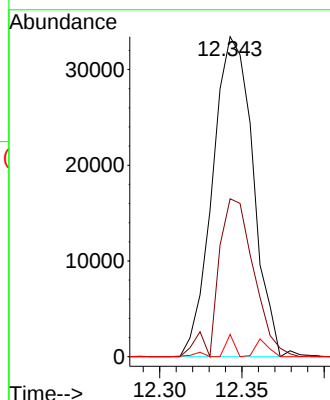
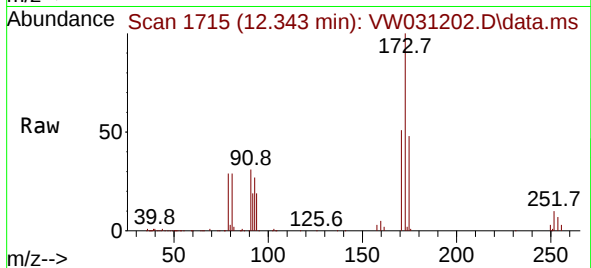
Acq: 10 Dec 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	57005
Ion Ratio	Lower	Upper	
173	100		
175	41.3	36.6	54.8
254	1.5	7.7	11.5#



#60

Isopropylbenzene

Concen: 23.406 ug/L

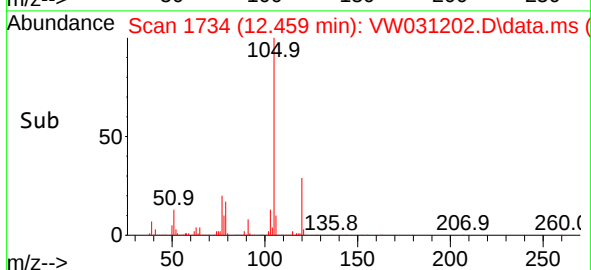
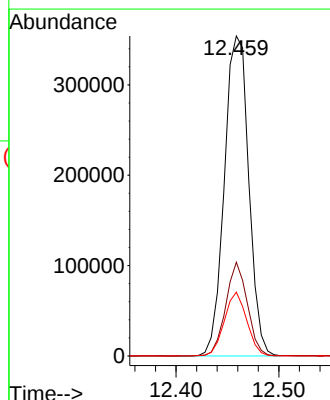
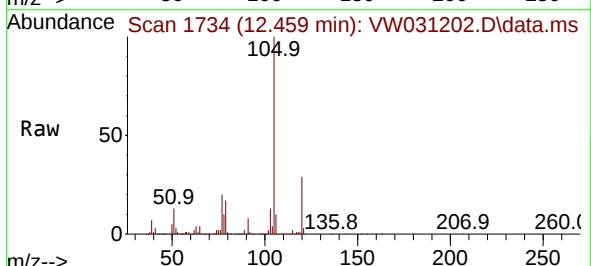
RT: 12.459 min Scan# 1734

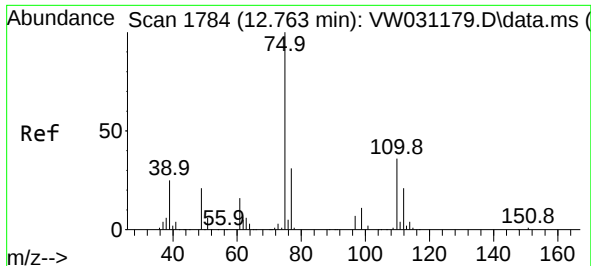
Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

Tgt Ion:	105	Resp:	583140
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.5	32.3
77	18.4	12.3	18.5

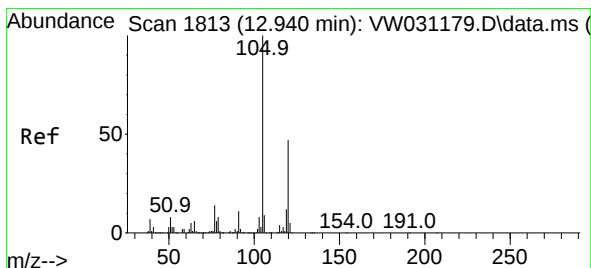
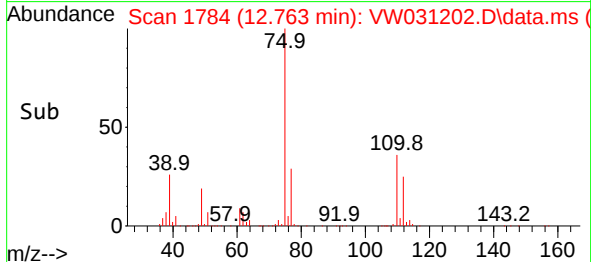
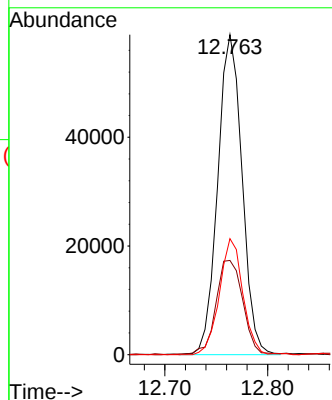
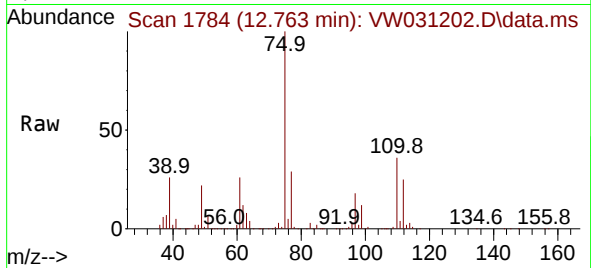




#61
1,2,3-Trichloropropane
Concen: 33.550 ug/L
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

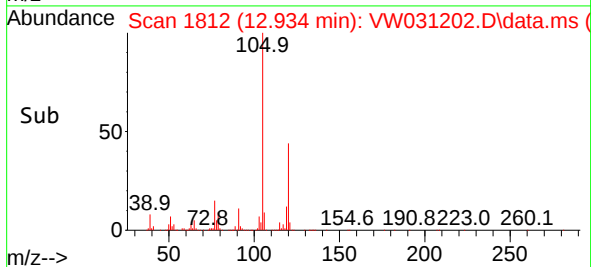
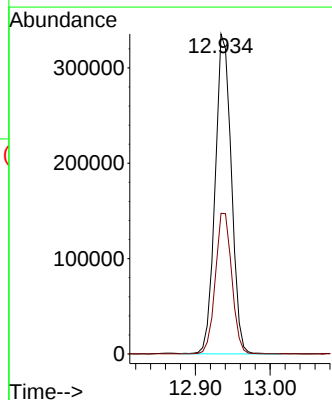
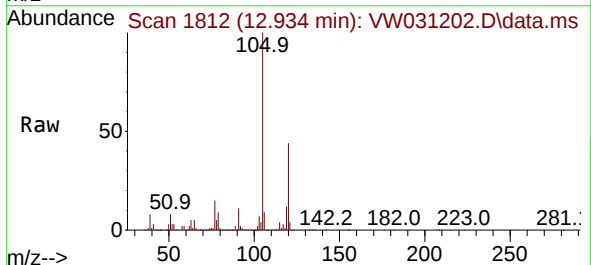
Instrument :
MSVOA_W
ClientSampleId :

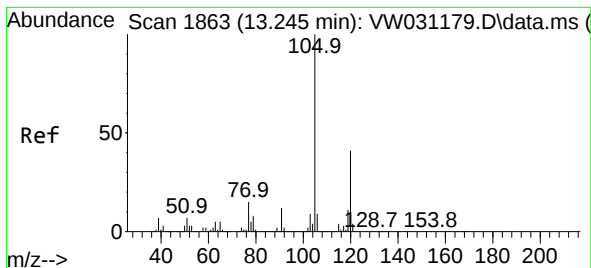
Tgt Ion:	75	Resp:	96751
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.2
110	34.8	33.1	49.7



#62
1,3,5-Trimethylbenzene
Concen: 25.732 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion:	105	Resp:	504826
Ion	Ratio	Lower	Upper
105	100		
120	44.4	40.5	60.7





#63

1,2,4-Trimethylbenzene

Concen: 25.900 ug/L

RT: 13.245 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

Instrument :

MSVOA_W

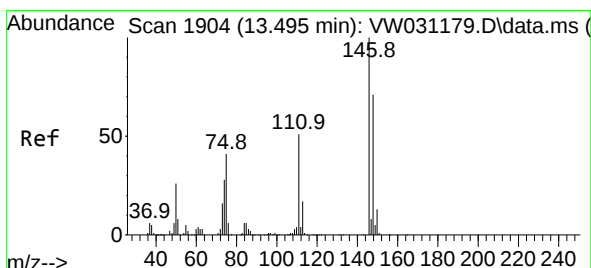
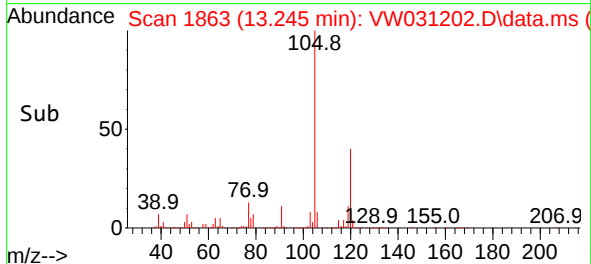
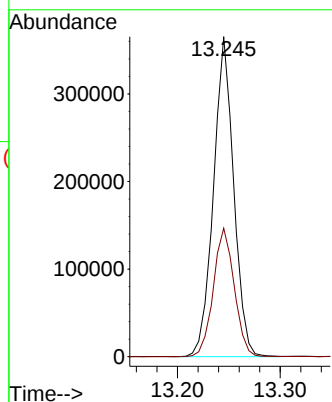
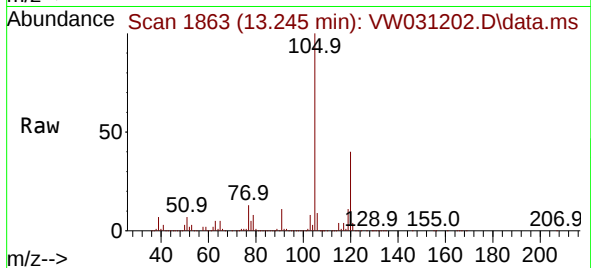
ClientSampleId :

Tgt Ion:105 Resp: 499154

Ion Ratio Lower Upper

105 100

120 41.4 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 23.093 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

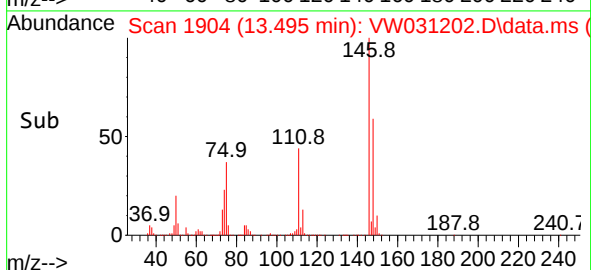
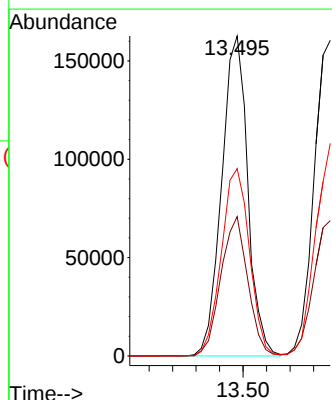
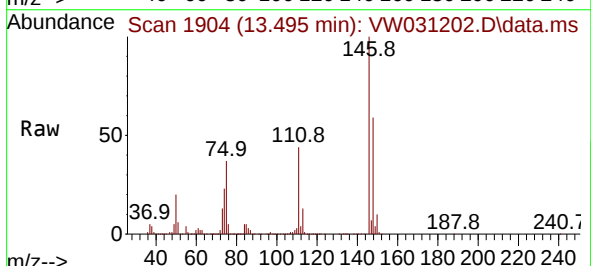
Tgt Ion:146 Resp: 250903

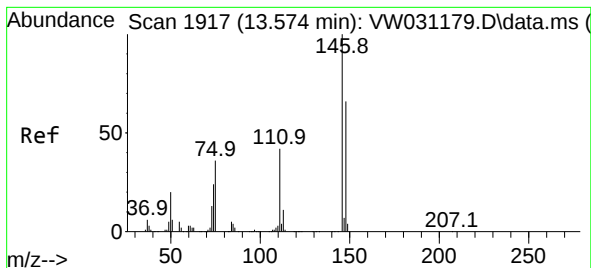
Ion Ratio Lower Upper

146 100

111 43.6 28.5 52.9

148 58.5 44.1 81.9





#65

1,4-Dichlorobenzene

Concen: 24.006 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

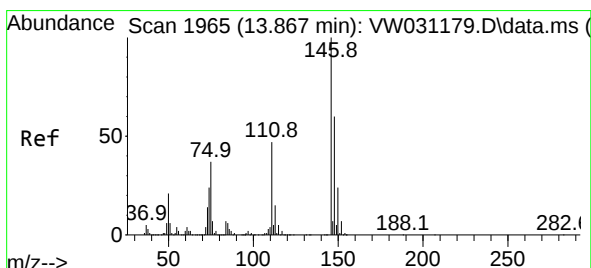
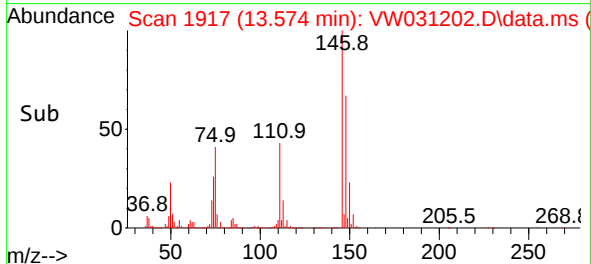
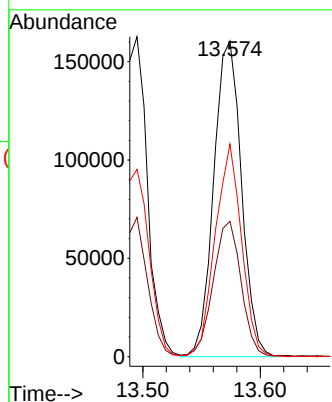
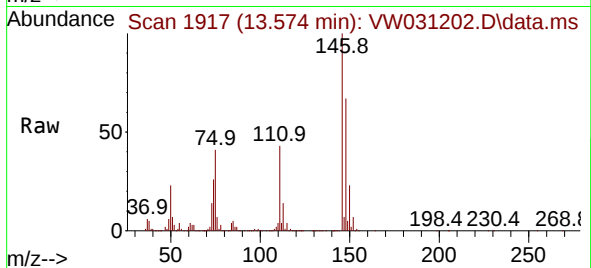
Tgt Ion:146 Resp: 263464

Ion Ratio Lower Upper

146 100

111 42.9 26.6 49.4

148 67.3 42.1 78.1



#67

1,2-Dichlorobenzene

Concen: 25.010 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

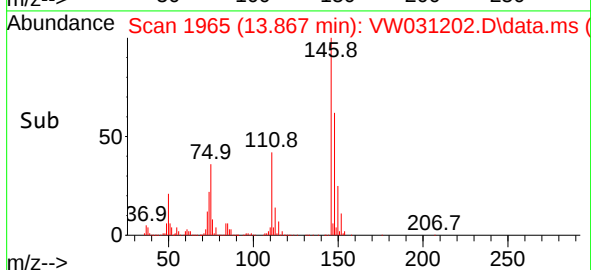
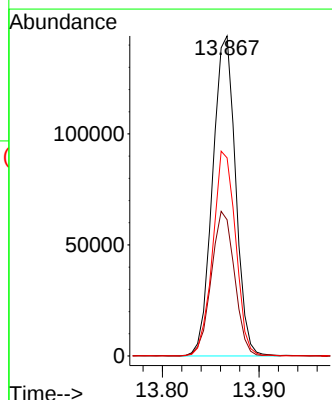
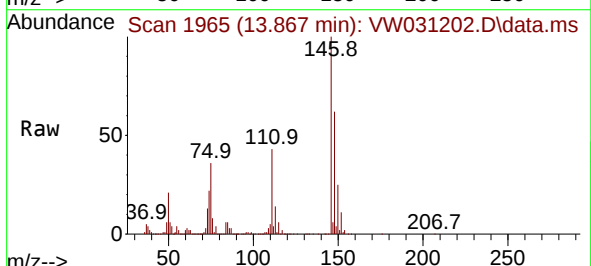
Tgt Ion:146 Resp: 237696

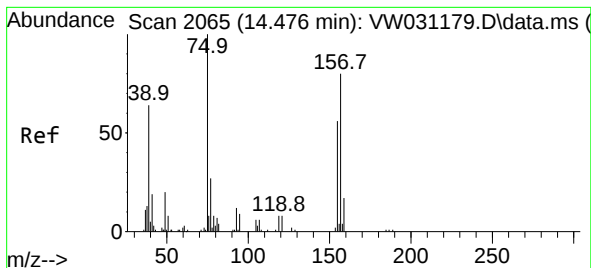
Ion Ratio Lower Upper

146 100

111 42.5 30.9 46.3

148 61.9 50.0 75.0

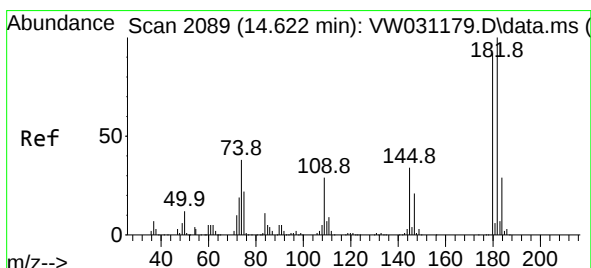
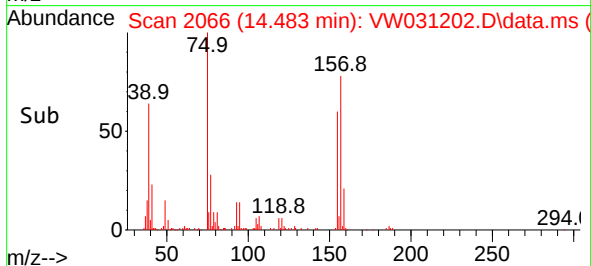
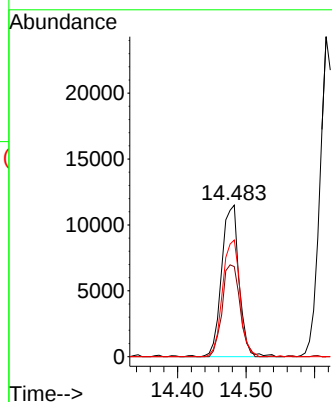
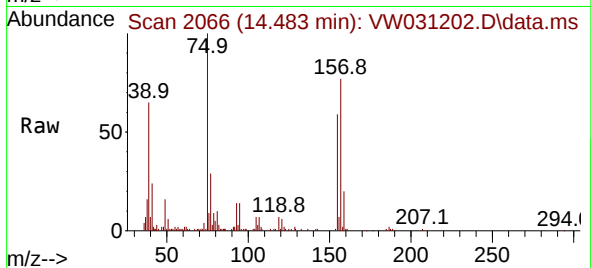




#68
1,2-Dibromo-3-chloropropane
Concen: 32.330 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

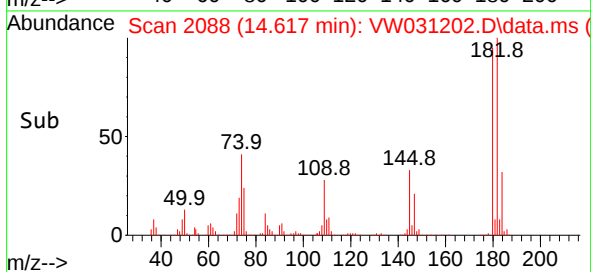
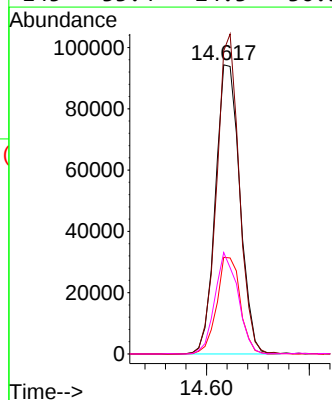
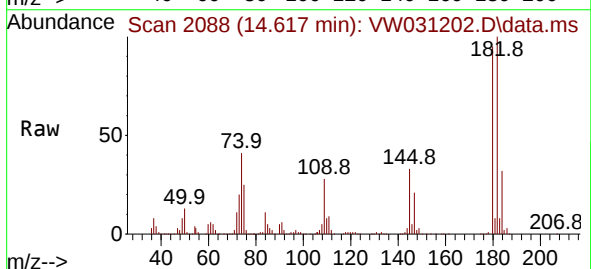
Instrument :
MSVOA_W
ClientSampleId :

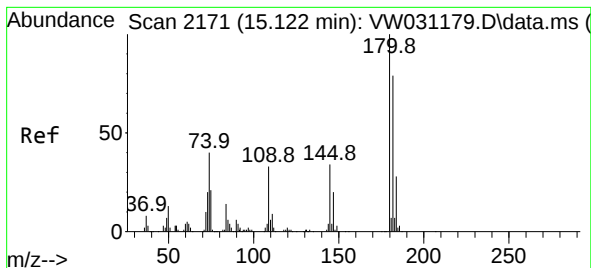
Tgt Ion: 75 Resp: 20244
Ion Ratio Lower Upper
75 100
155 59.4 63.1 94.7#
157 77.0 82.1 123.1#



#69
1,3,5-Trichlorobenzene
Concen: 20.985 ug/L
RT: 14.617 min Scan# 2088
Delta R.T. -0.006 min
Lab File: VW031202.D
Acq: 10 Dec 2024 19:30

Tgt Ion:180 Resp: 154921
Ion Ratio Lower Upper
180 100
182 102.1 78.2 117.2
184 32.2 24.0 36.0
145 33.4 24.3 36.5





#70

1,2,4-trichlorobenzene

Concen: 22.344 ug/L

RT: 15.123 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

Instrument :

MSVOA_W

ClientSampleId :

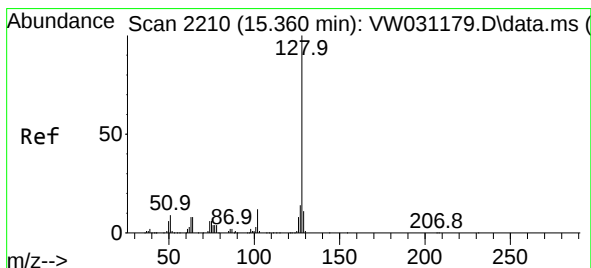
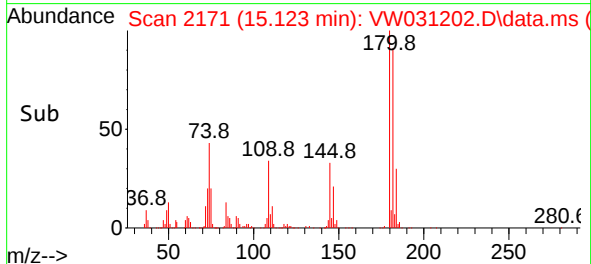
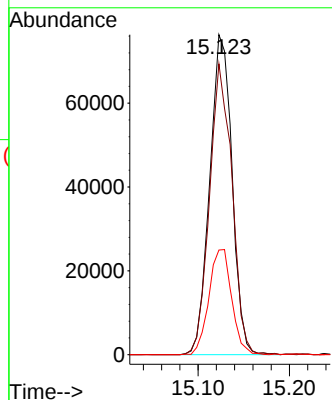
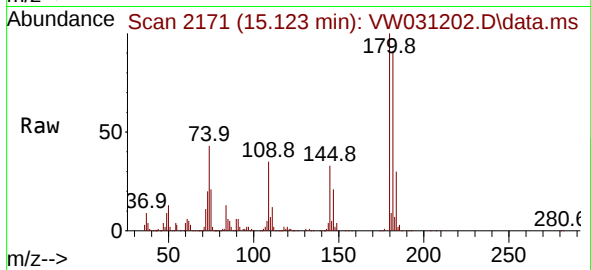
Tgt Ion:180 Resp: 129349

Ion Ratio Lower Upper

180 100

182 91.6 76.1 114.1

145 33.6 25.7 38.5



#71

Naphthalene

Concen: 30.016 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VW031202.D

Acq: 10 Dec 2024 19:30

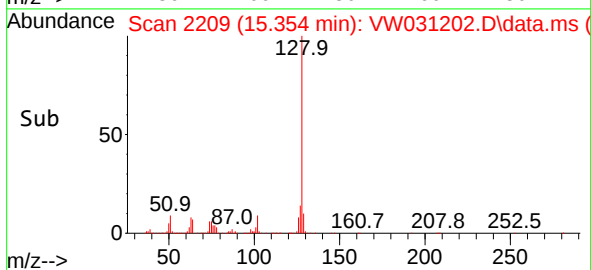
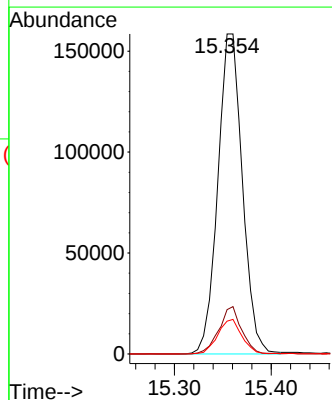
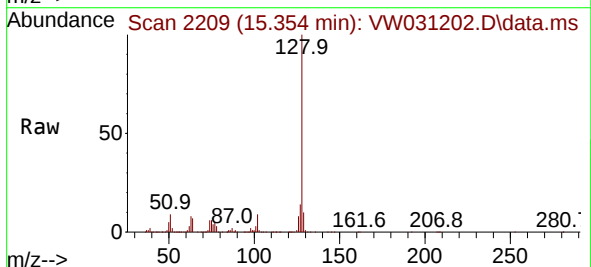
Tgt Ion:128 Resp: 279934

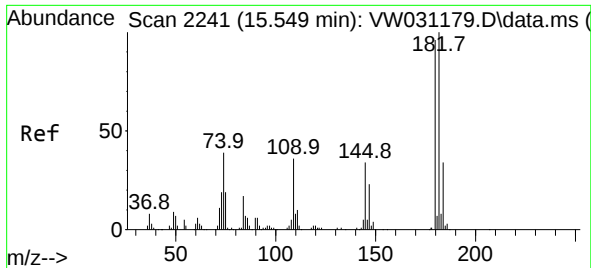
Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

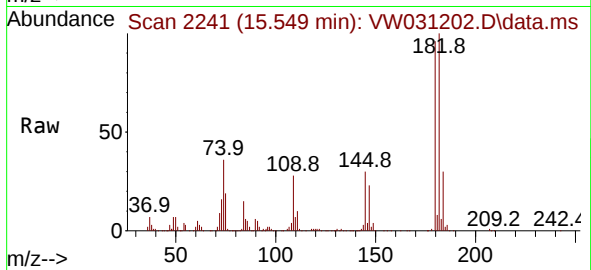
129 10.6 8.3 12.5





#72
 1,2,3-Trichlorobenzene
 Concen: 25.644 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031202.D
 Acq: 10 Dec 2024 19:30

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	127067
Ion Ratio	Lower	Upper	
180	100		
182	93.9	78.7	118.1
145	35.1	26.3	39.5

