

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031630.D
 Acq On : 29 Jan 2025 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 30 07:24:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	529198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	470928	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	217563	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	154487	18.604	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	74.400%	
7) Chloroethane-d5	2.899	69	130549	22.014	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	88.040%	
11) 1,1-Dichloroethene-d2	4.015	65	80993	21.921	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	87.680%	
21) 2-Butanone-d5	7.087	46	85478	64.034	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	128.060%	
24) Chloroform-d	7.642	84	366973	26.795	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	107.160%	
26) 1,2-Dichloroethane-d4	8.301	65	188403	27.949	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	111.800%	
32) Benzene-d6	8.270	84	734879	24.843	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	99.360%	
36) 1,2-Dichloropropane-d6	9.270	67	224909	25.751	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	103.000%	
41) Toluene-d8	10.319	98	660522	24.735	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	98.960%	
43) trans-1,3-Dichloroprop...	10.575	79	89713	25.014	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	100.040%	
47) 2-Hexanone-d5	10.922	63	56395	63.273	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	126.540%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	161900	30.312	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	121.240%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	206910	27.115	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	108.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	133564	19.405	ug/L	99
3) Chloromethane	2.216	50	134795	18.895	ug/L	98
5) Vinyl chloride	2.375	62	190982	20.988	ug/L	99
6) Bromomethane	2.789	94	113308	21.304	ug/L	100
8) Chloroethane	2.936	64	113449	21.210	ug/L	99
9) Trichlorofluoromethane	3.265	101	164992	18.251	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	165078	23.848	ug/L	91
12) 1,1-Dichloroethene	4.045	96	160692	22.820	ug/L	88
14) Carbon disulfide	4.387	76	464177	19.569	ug/L	99
15) Methyl Acetate	4.685	43	67625	25.126	ug/L #	76
16) Methylene chloride	4.917	84	168497	23.379	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	172183	22.766	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	293652	24.213	ug/L	99
19) 1,1-Dichloroethane	6.216	63	341460	23.996	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	192974	23.897	ug/L	98
22) 2-Butanone	7.179	43	83360	47.509	ug/L	97
23) Bromochloromethane	7.508	128	79106	25.014	ug/L	96
25) Chloroform	7.673	83	331161	24.468	ug/L	100
27) 1,2-Dichloroethane	8.398	62	209084	25.081	ug/L	97

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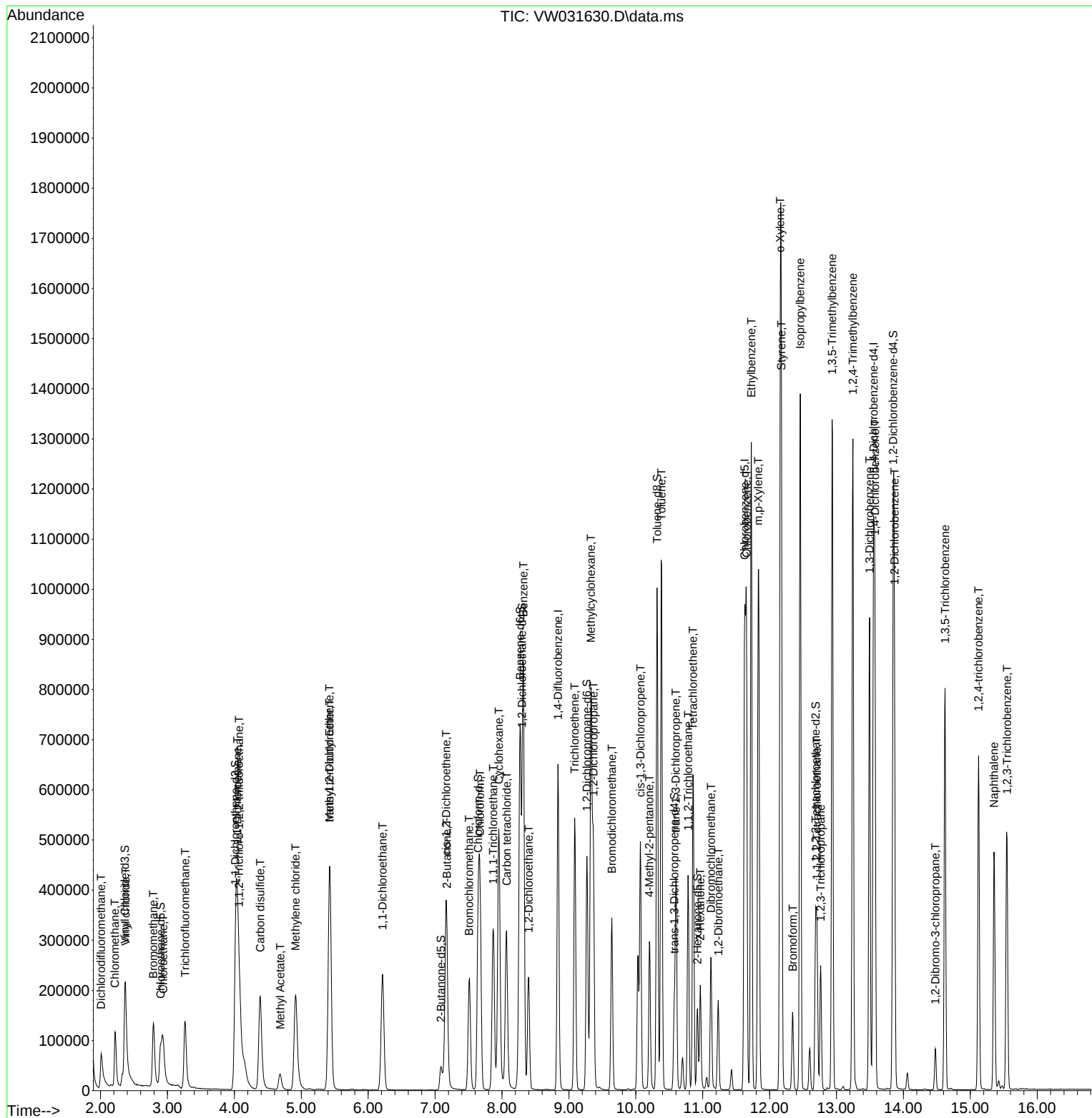
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	316744	20.985	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	270421	22.120	ug/L	99
31) Carbon tetrachloride	8.069	117	240872	22.223	ug/L	99
33) Benzene	8.319	78	738453	22.912	ug/L	100
34) Trichloroethene	9.087	95	195936	22.612	ug/L	97
35) Methylcyclohexane	9.331	83	332596	21.409	ug/L	100
37) 1,2-Dichloropropane	9.367	63	190418	23.506	ug/L	100
38) Bromodichloromethane	9.642	83	228787	23.348	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	297874	23.375	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	198906	49.192	ug/L	100
42) Toluene	10.386	91	774978	23.002	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	239883	23.550	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	129527	24.945	ug/L	99
46) Tetrachloroethene	10.855	164	138404	22.258	ug/L	92
48) 2-Hexanone	10.965	43	132232	53.515	ug/L	99
49) Dibromochloromethane	11.123	129	135914	23.790	ug/L	92
50) 1,2-Dibromoethane	11.233	107	120607	25.062	ug/L	95
51) Chlorobenzene	11.654	112	492946	23.695	ug/L	99
52) Ethylbenzene	11.727	91	897045	23.205	ug/L	97
53) m,p-Xylene	11.830	106	342585	23.242	ug/L	97
54) o-Xylene	12.160	106	325189	23.739	ug/L	98
55) Styrene	12.178	104	546854	23.992	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	147083	25.779	ug/L	98
59) Bromoform	12.349	173	67841	23.401	ug/L	97
60) Isopropylbenzene	12.458	105	884306	23.267	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	109271	26.745	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	743850	23.769	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	705574	23.165	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	365142	24.223	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	360440	24.176	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	312926	24.309	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	22943	25.118	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	233012	22.810	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	195972	24.085	ug/L	97
71) Naphthalene	15.354	128	403579	26.452	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	161161	23.517	ug/L	97

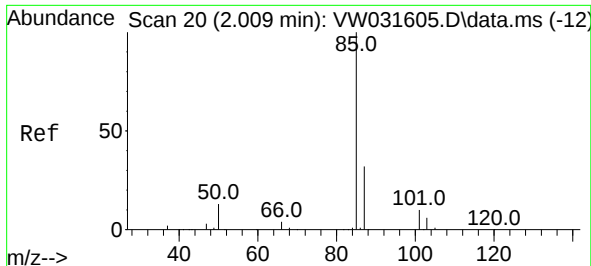
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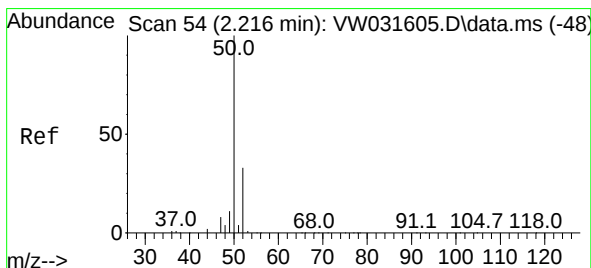
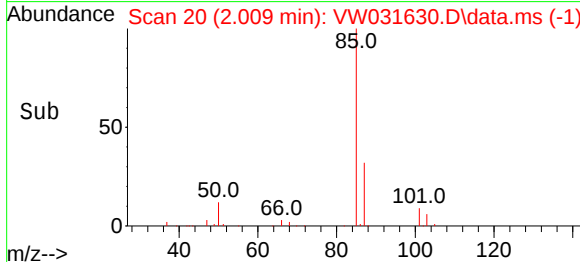
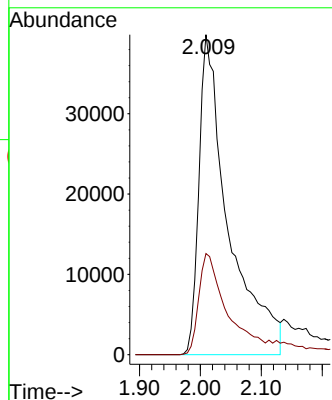
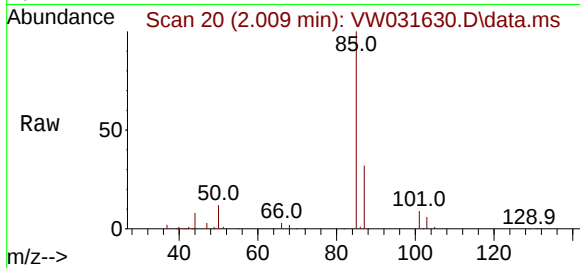




#2
 Dichlorodifluoromethane
 Concen: 19.405 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031630.D
 Acq: 29 Jan 2025 09:51

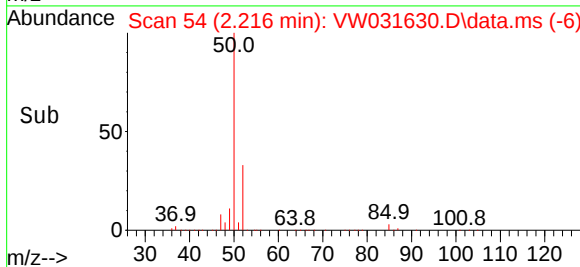
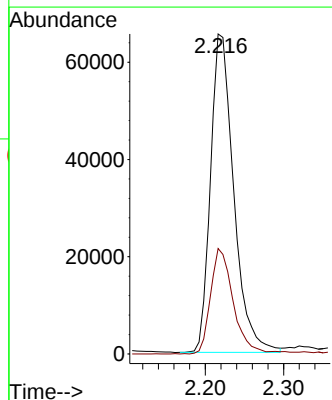
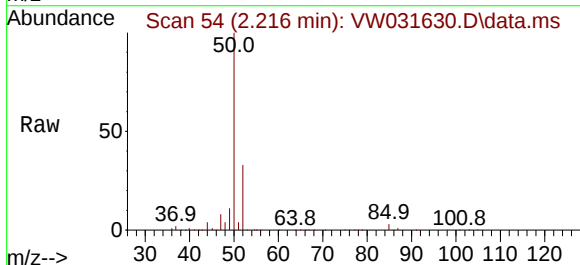
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 ClientSampleId :

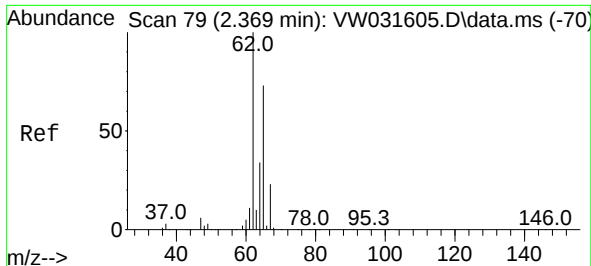
Tgt Ion: 85 Resp: 133564
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.0 37.4



#3
 Chloromethane
 Concen: 18.895 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW031630.D
 Acq: 29 Jan 2025 09:51

Tgt Ion: 50 Resp: 134795
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.3

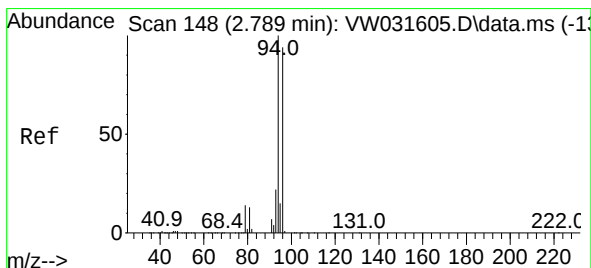
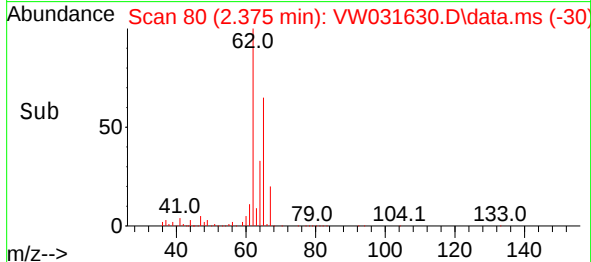
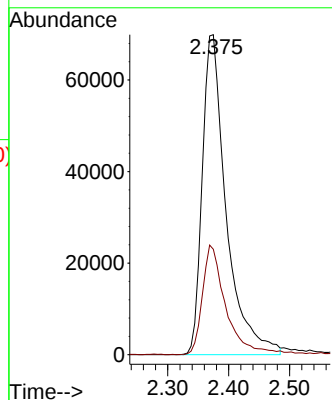
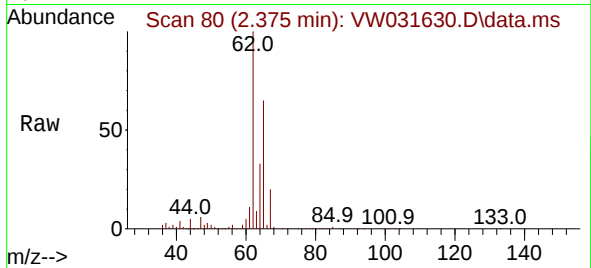




#5
 Vinyl chloride
 Concen: 20.988 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW031630.D
 Acq: 29 Jan 2025 09:51

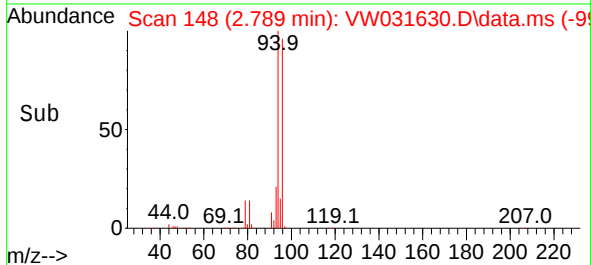
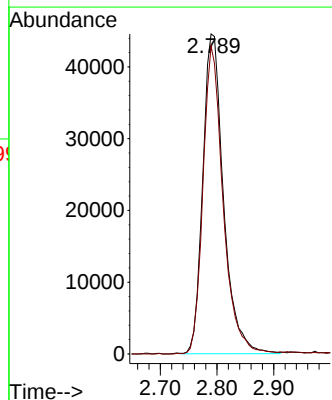
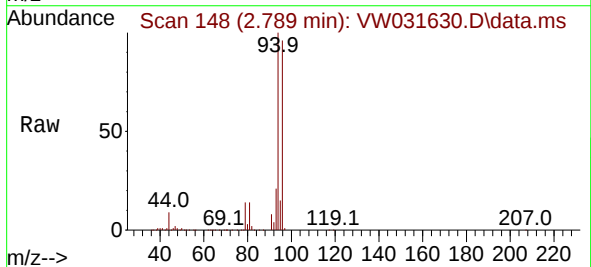
Instrument :
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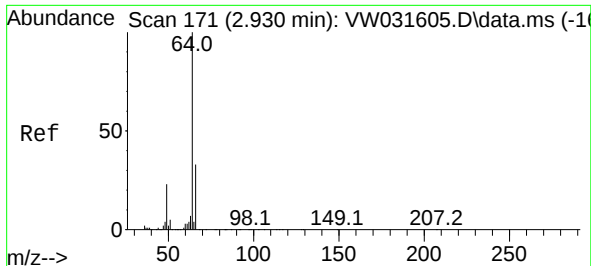
Tgt Ion: 62 Resp: 190982
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.3



#6
 Bromomethane
 Concen: 21.304 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031630.D
 Acq: 29 Jan 2025 09:51

Tgt Ion: 94 Resp: 113308
 Ion Ratio Lower Upper
 94 100
 96 96.2 67.6 125.6

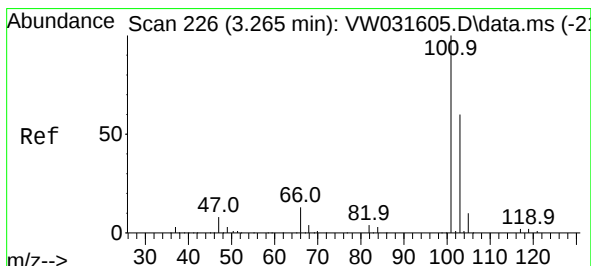
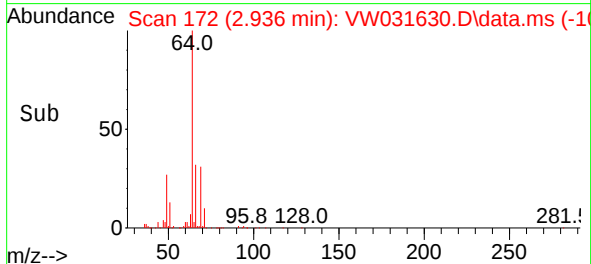
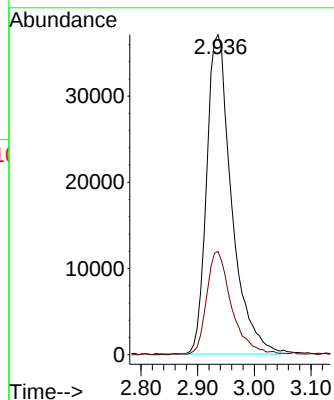
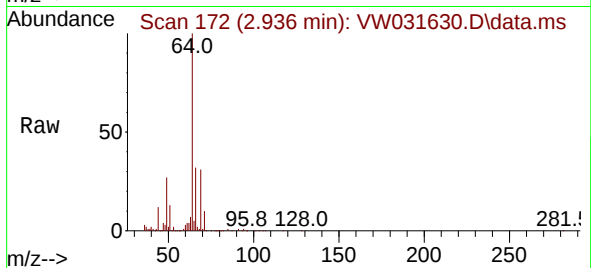




#8
Chloroethane
Concen: 21.210 ug/L
RT: 2.936 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

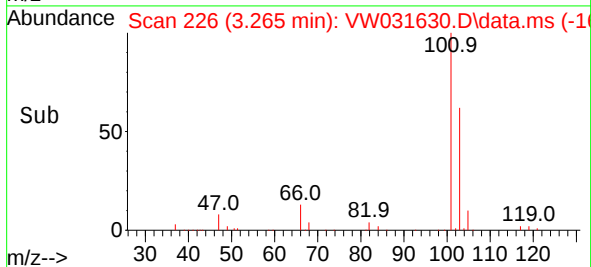
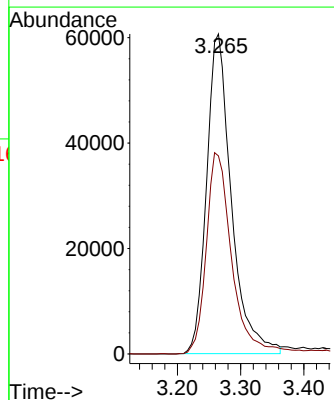
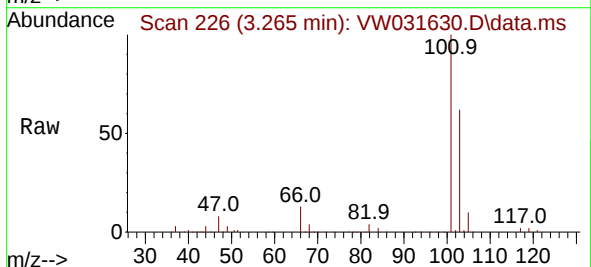
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ClientSampleId :

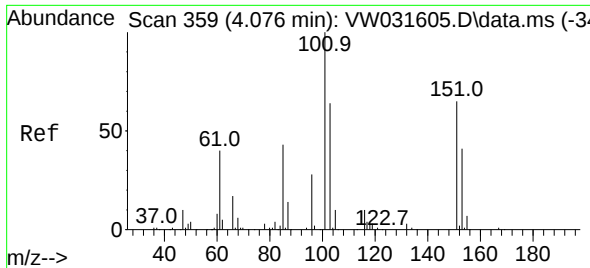
Tgt Ion: 64 Resp: 113449
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 18.251 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Tgt Ion:101 Resp: 164992
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

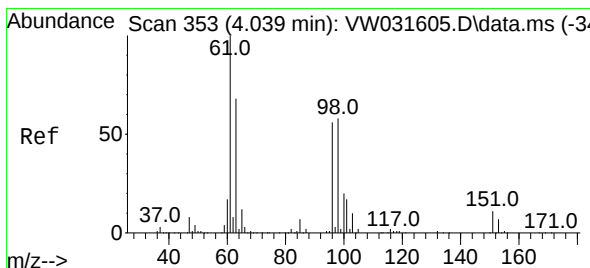
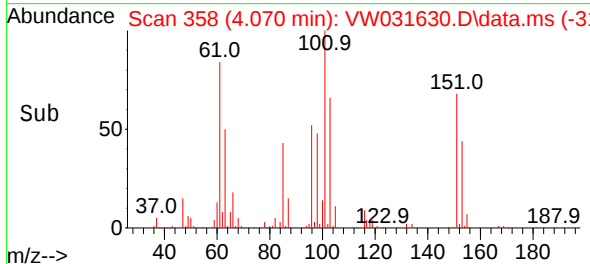
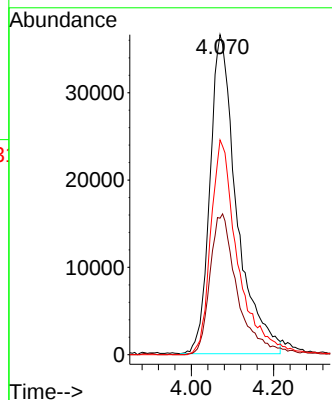
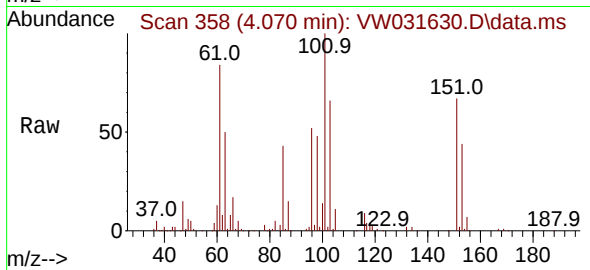




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.848 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031630.D
 Acq: 29 Jan 2025 09:51

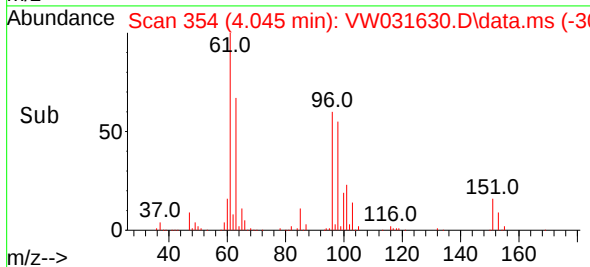
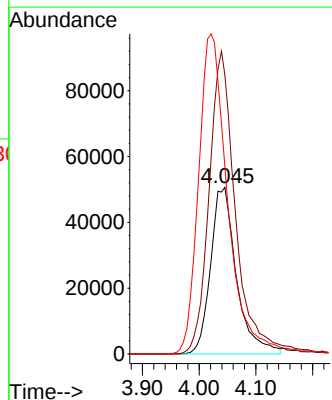
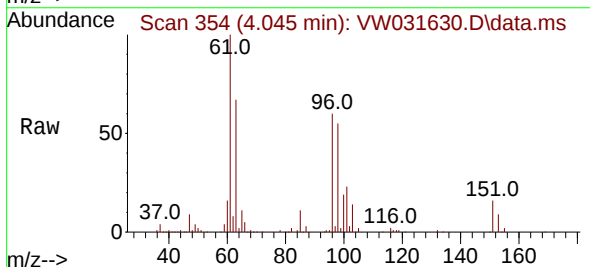
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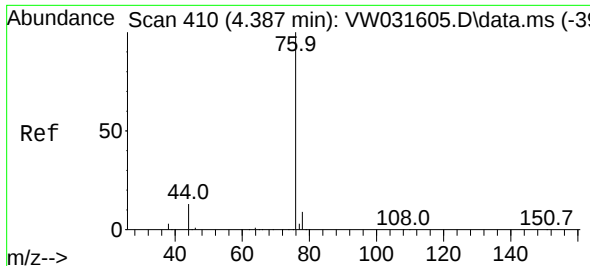
Tgt Ion:101 Resp: 165078
 Ion Ratio Lower Upper
 101 100
 85 42.8 36.1 54.1
 151 60.7 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 22.820 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW031630.D
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Tgt Ion: 96 Resp: 160692
 Ion Ratio Lower Upper
 96 100
 61 167.5 123.8 230.0
 63 112.9 94.1 174.8

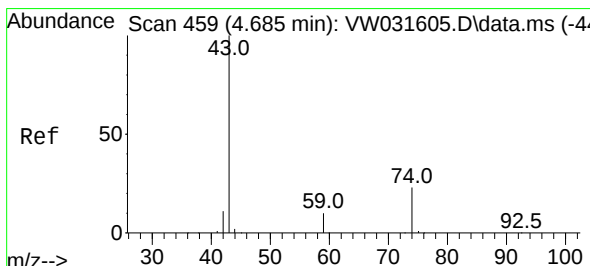
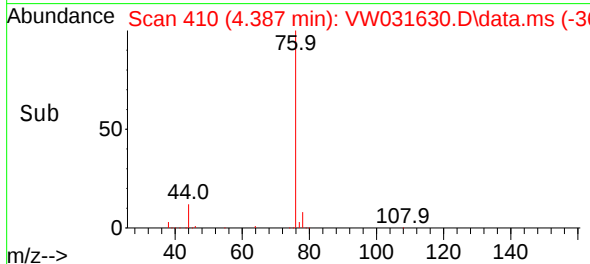
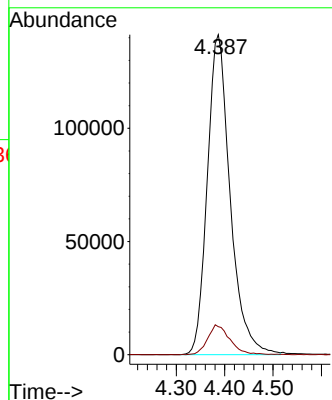
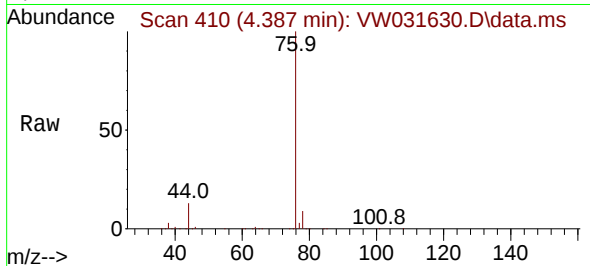




#14
Carbon disulfide
Concen: 19.569 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031630.D
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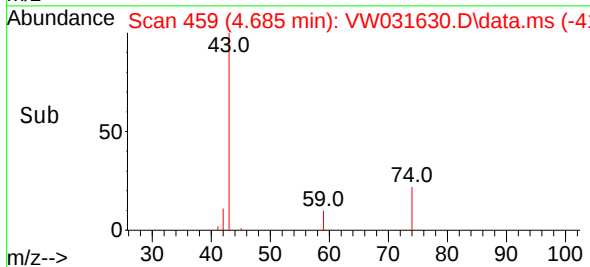
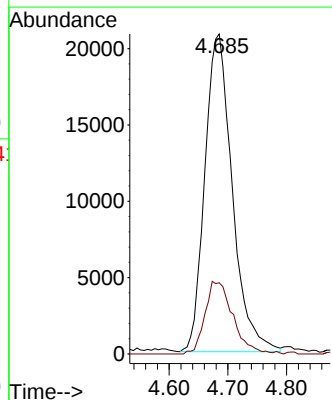
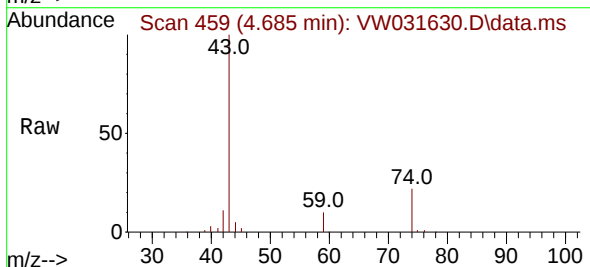
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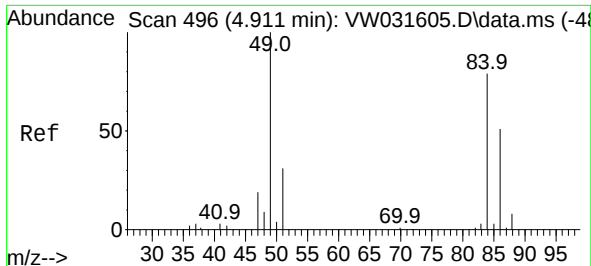
Tgt Ion: 76 Resp: 464177
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#15
Methyl Acetate
Concen: 25.126 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.000 min
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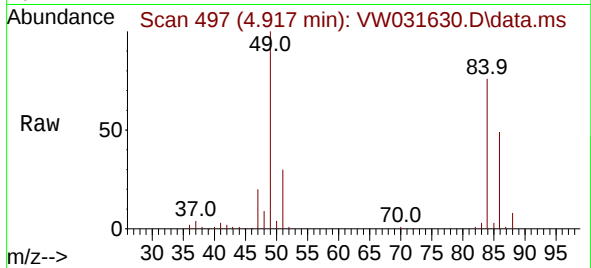
Tgt Ion: 43 Resp: 67625
Ion Ratio Lower Upper
43 100
74 22.9 10.6 15.8#



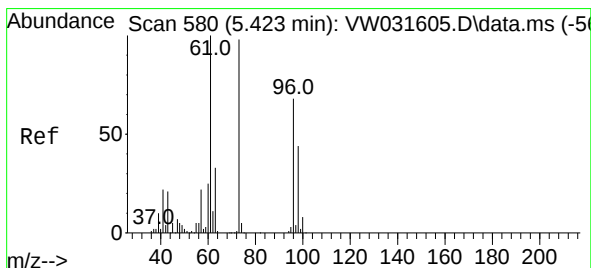
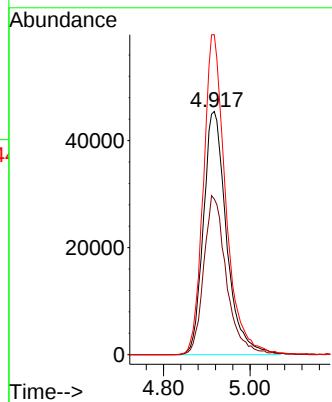
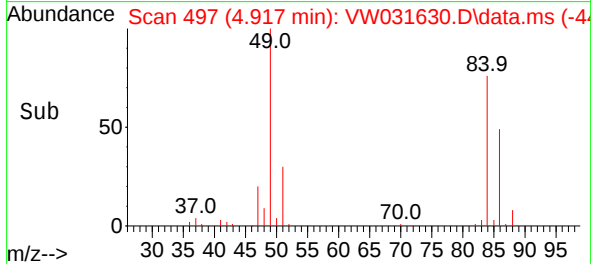


#16
Methylene chloride
Concen: 23.379 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Instrument :
MSVOA_W
ClientSampleId :

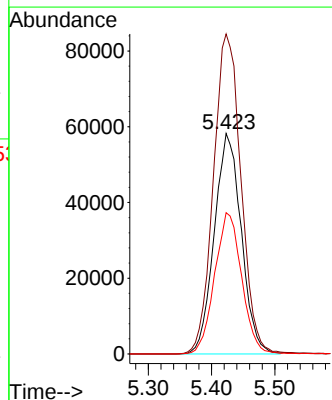
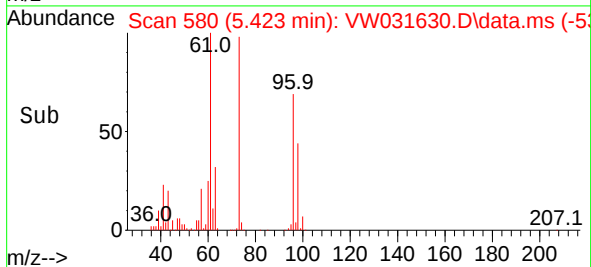
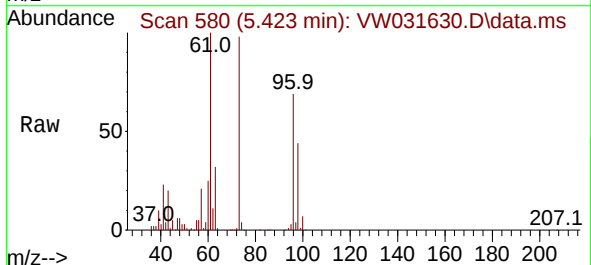


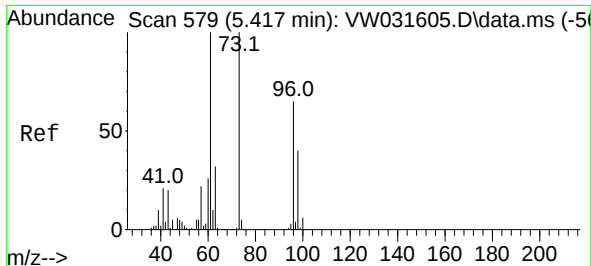
Tgt Ion: 84 Resp: 168497
Ion Ratio Lower Upper
84 100
86 64.0 47.0 87.2
49 131.6 89.8 166.8



#17
trans-1,2-Dichloroethene
Concen: 22.766 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

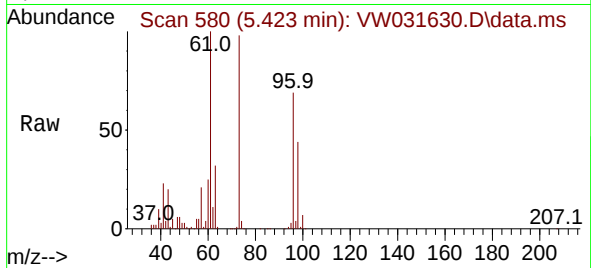
Tgt Ion: 96 Resp: 172183
Ion Ratio Lower Upper
96 100
61 145.1 105.1 195.1
98 64.1 44.9 83.3



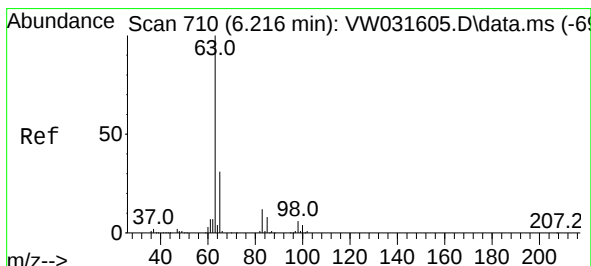
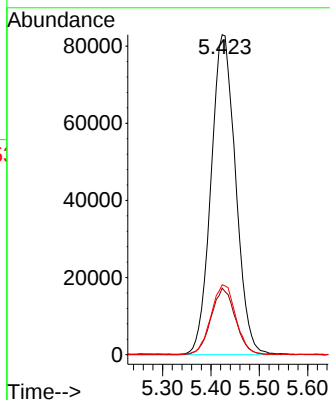
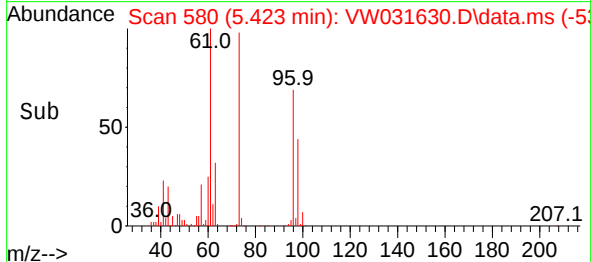


#18
Methyl tert-butyl Ether
Concen: 24.213 ug/L
RT: 5.423 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

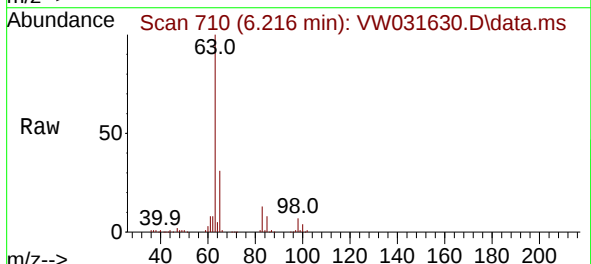
Instrument :
MSVOA_W
ClientSampleId :



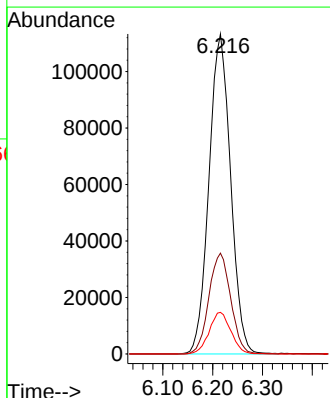
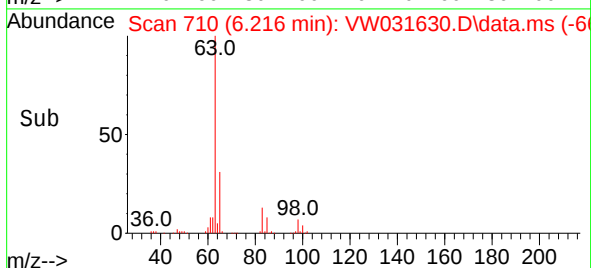
Tgt Ion: 73 Resp: 293652
Ion Ratio Lower Upper
73 100
43 20.3 16.4 24.6
57 22.2 18.2 27.2

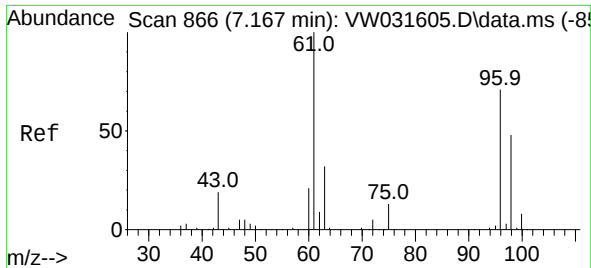


#19
1,1-Dichloroethane
Concen: 23.996 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51



Tgt Ion: 63 Resp: 341460
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 13.0 9.0 16.6



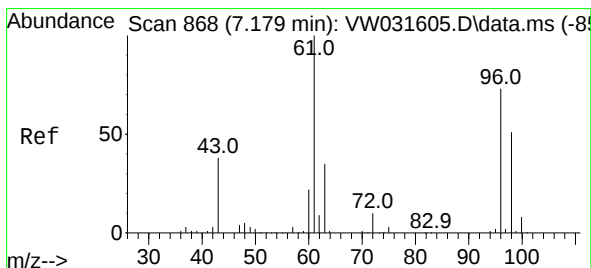
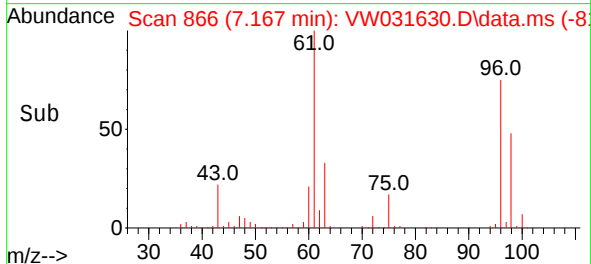
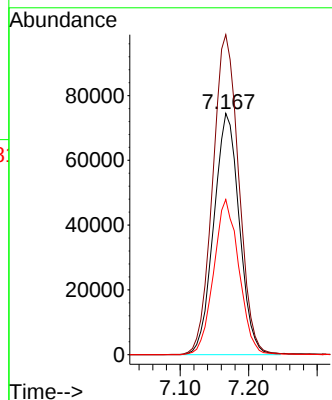
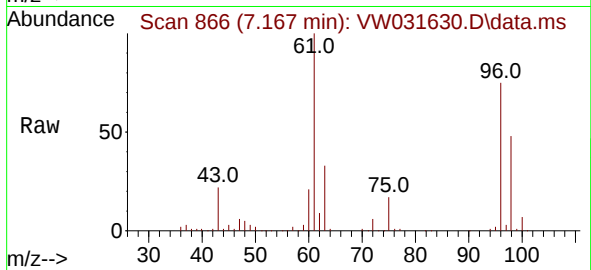


#20
 cis-1,2-Dichloroethene
 Concen: 23.897 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW031630.D
 Acq: 29 Jan 2025 09:51

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 192974

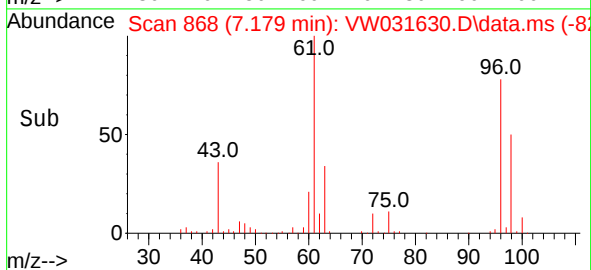
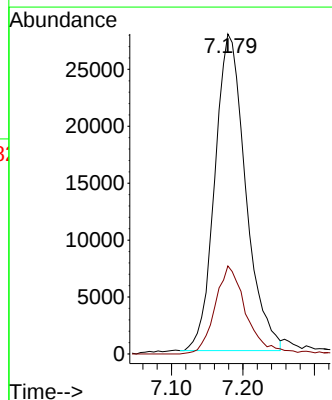
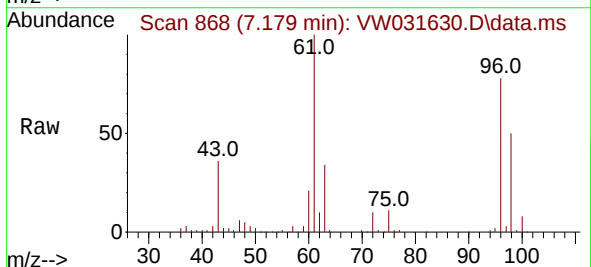
Ion	Ratio	Lower	Upper
96	100		
61	132.6	94.8	176.2
98	64.3	45.6	84.8

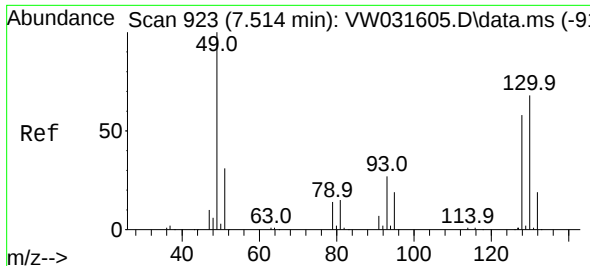


#22
 2-Butanone
 Concen: 47.509 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. -0.006 min
 Lab File: VW031630.D
 Acq: 29 Jan 2025 09:51

Tgt Ion: 43 Resp: 83360

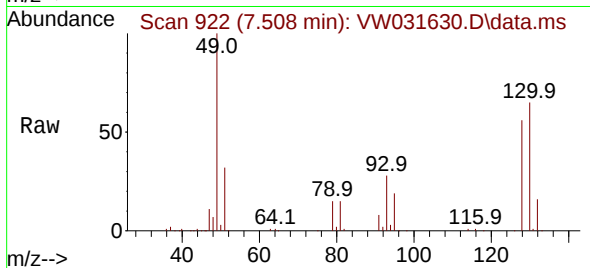
Ion	Ratio	Lower	Upper
43	100		
72	27.6	13.2	39.5



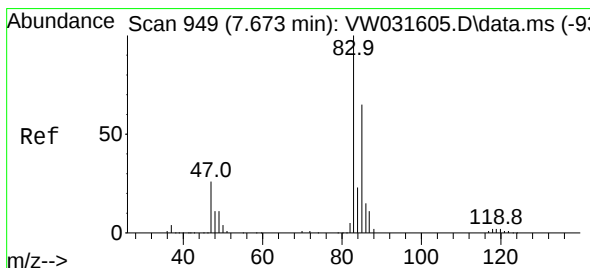
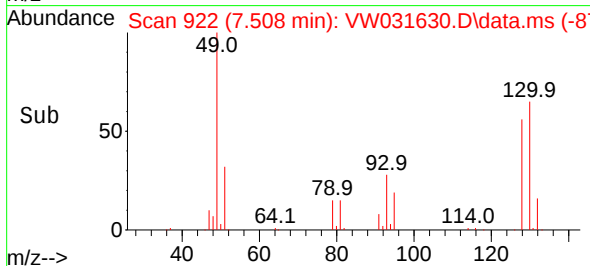
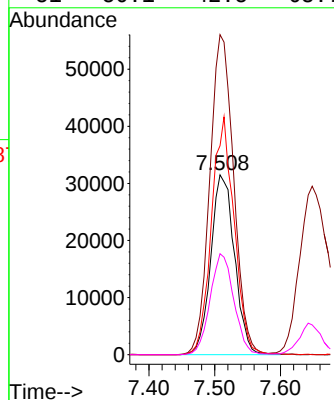


#23
Bromochloromethane
Concen: 25.014 ug/L
RT: 7.508 min Scan# 912
Delta R.T. -0.006 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Instrument :
MSVOA_W
ClientSampleId :

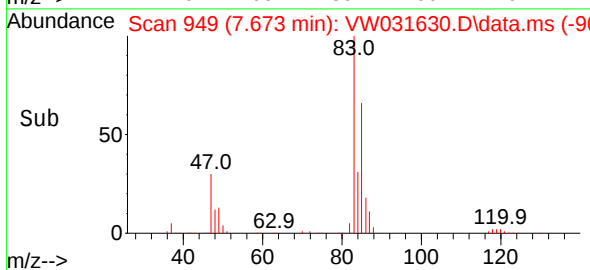
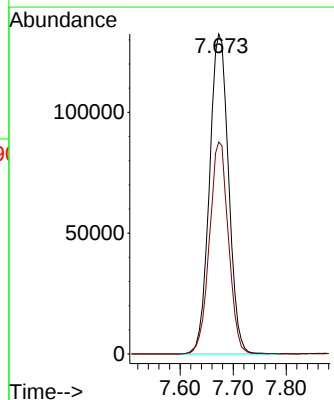
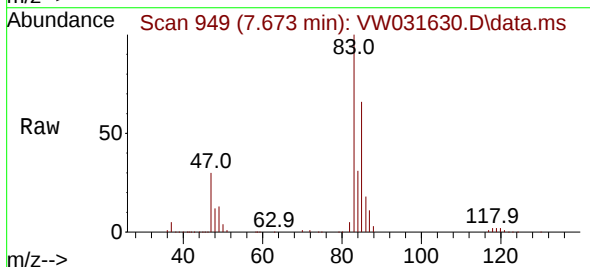


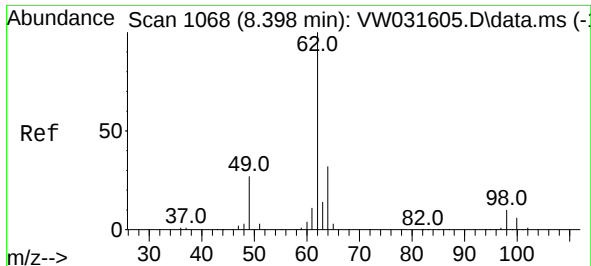
Tgt Ion:	128	Resp:	79106
Ion Ratio	Lower	Upper	
128	100		
49	177.9	123.9	230.1
130	116.2	88.1	163.7
51	56.1	42.5	63.7



#25
Chloroform
Concen: 24.468 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Tgt Ion:	83	Resp:	331161
Ion Ratio	Lower	Upper	
83	100		
85	66.2	46.2	85.8





#27

1,2-Dichloroethane

Concen: 25.081 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

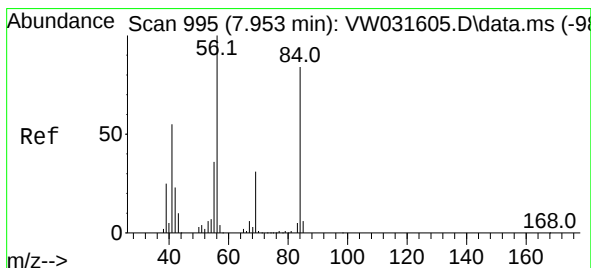
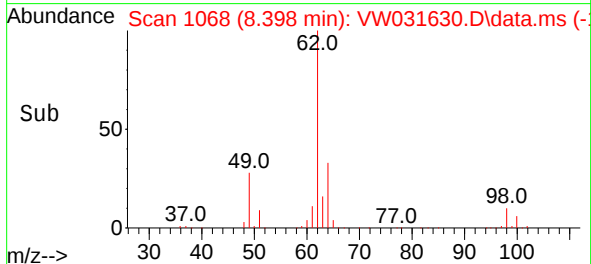
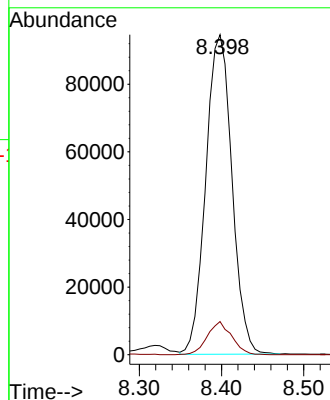
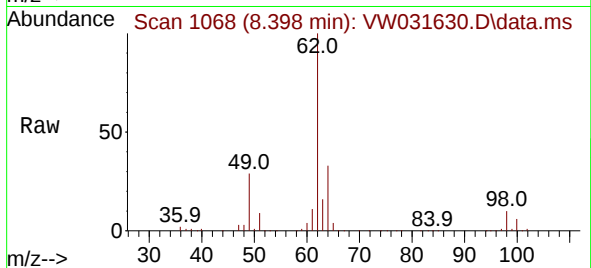
ClientSampleId :

Tgt Ion: 62 Resp: 209084

Ion Ratio Lower Upper

62 100

98 10.3 7.3 10.9



#29

Cyclohexane

Concen: 20.985 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

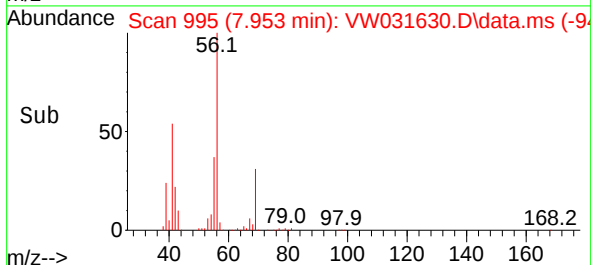
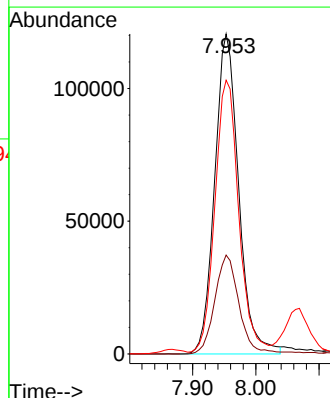
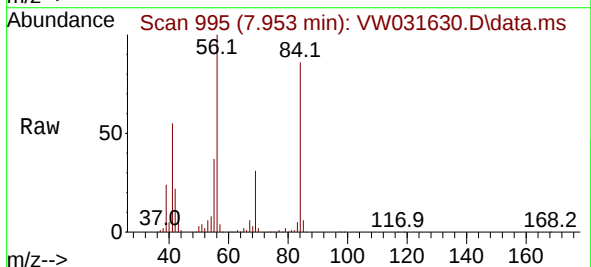
Tgt Ion: 56 Resp: 316744

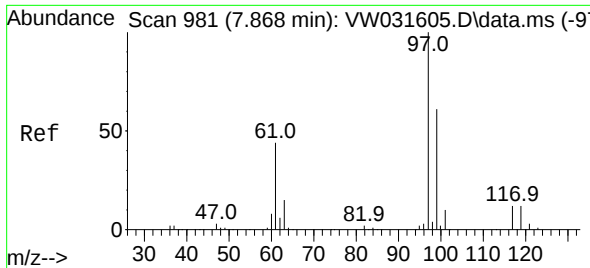
Ion Ratio Lower Upper

56 100

69 31.0 25.2 37.8

84 84.4 66.3 99.5

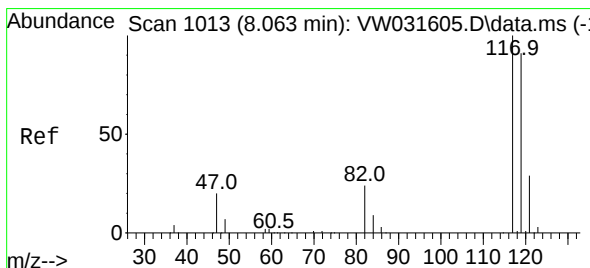
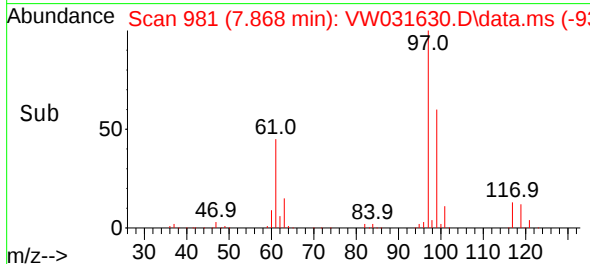
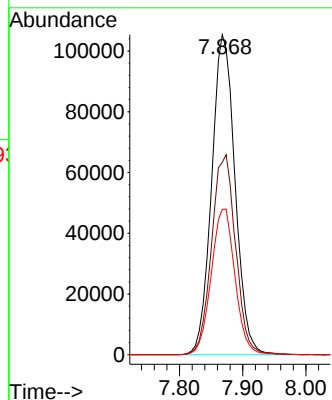
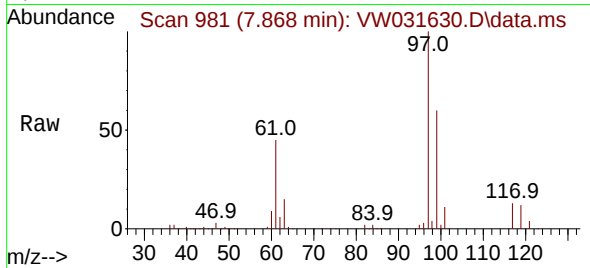




#30
1,1,1-Trichloroethane
Concen: 22.120 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

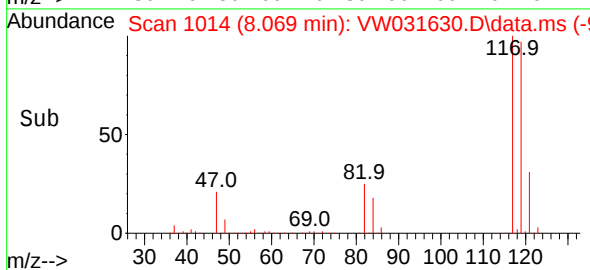
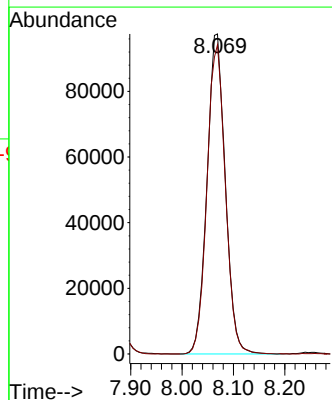
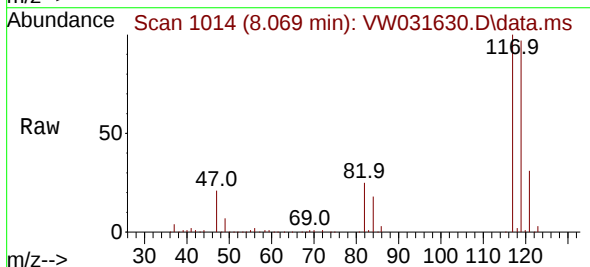
Instrument :
MSVOA_W
ClientSampleId :

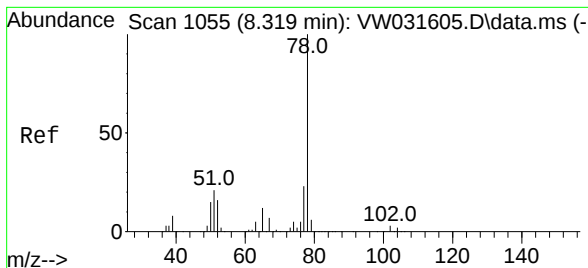
Tgt Ion: 97 Resp: 270421
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.4
61 46.3 36.9 55.3



#31
Carbon tetrachloride
Concen: 22.223 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Tgt Ion: 117 Resp: 240872
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0





#33

Benzene

Concen: 22.912 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031630.D

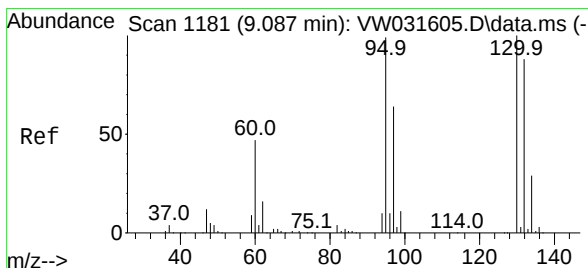
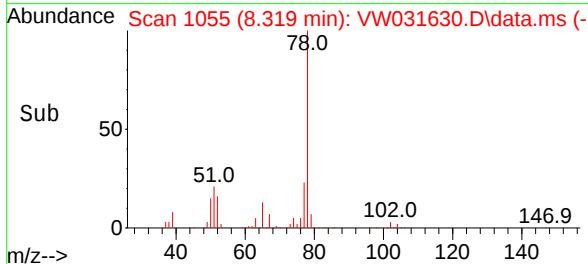
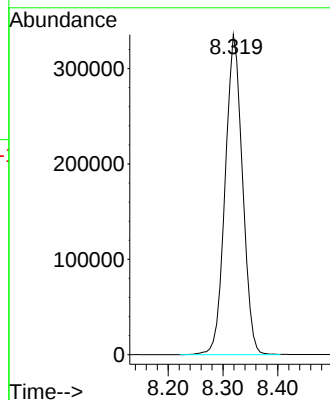
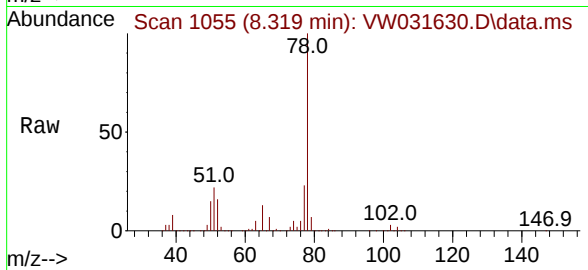
Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 738453



#34

Trichloroethene

Concen: 22.612 ug/L

RT: 9.087 min Scan# 1181

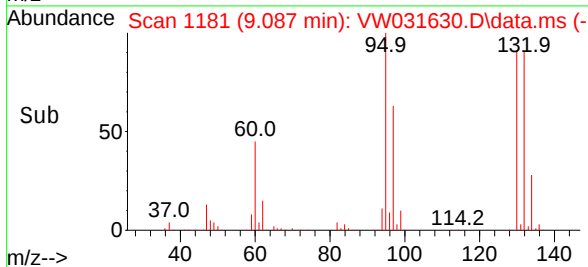
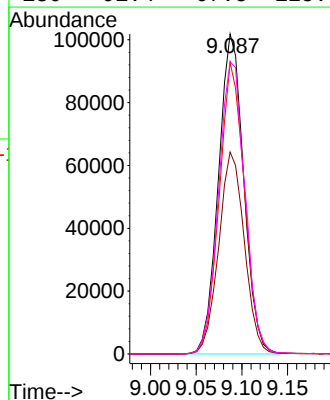
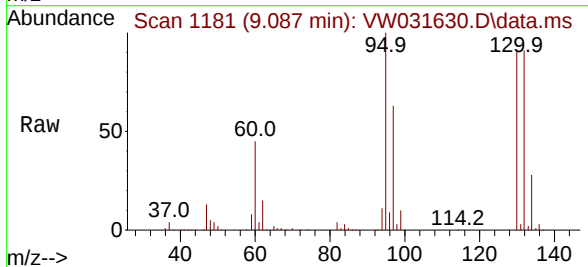
Delta R.T. -0.000 min

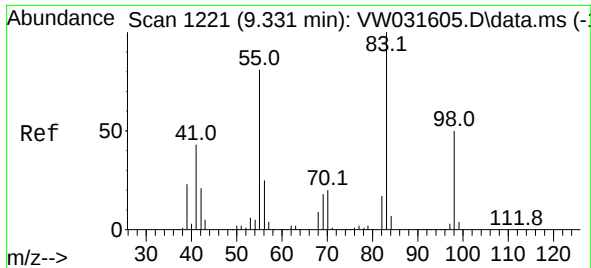
Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Tgt Ion: 95 Resp: 195936

Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.0	81.6
132	91.1	64.6	120.0
130	91.4	67.5	125.4





#35

Methylcyclohexane

Concen: 21.409 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

ClientSampleId :

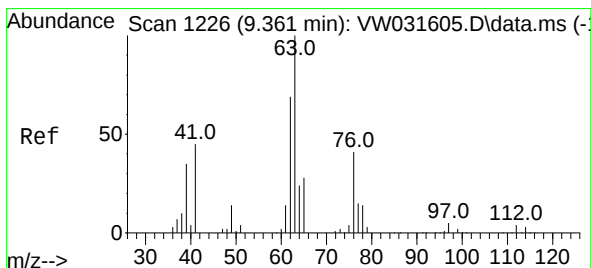
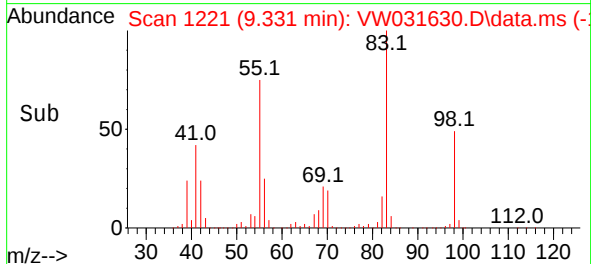
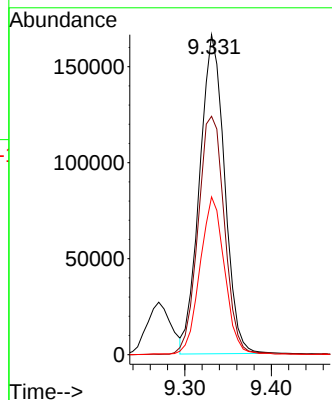
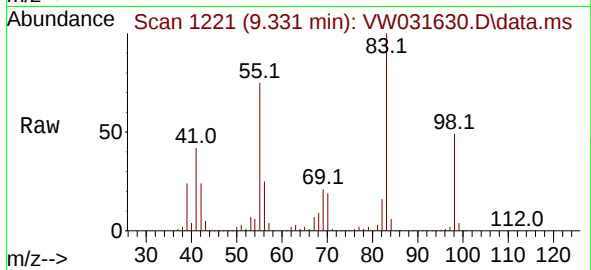
Tgt Ion: 83 Resp: 332596

Ion Ratio Lower Upper

83 100

55 78.8 63.4 95.2

98 48.6 38.8 58.2



#37

1,2-Dichloropropane

Concen: 23.506 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031630.D

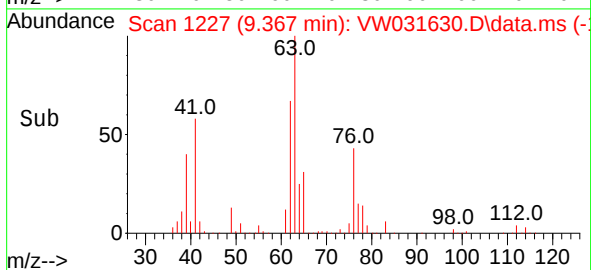
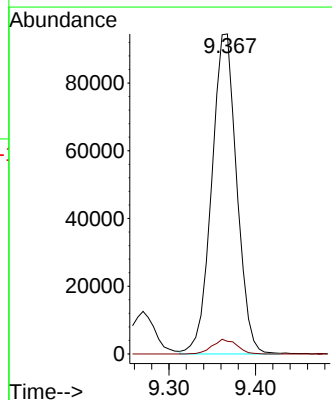
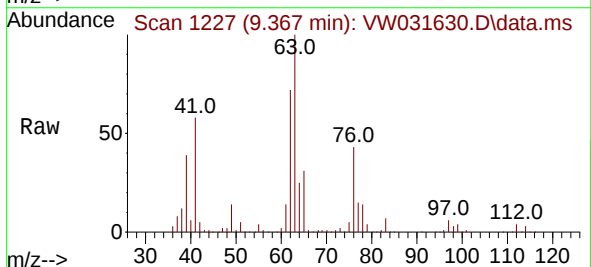
Acq: 29 Jan 2025 09:51

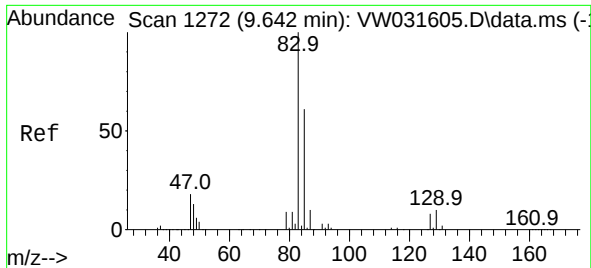
Tgt Ion: 63 Resp: 190418

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4

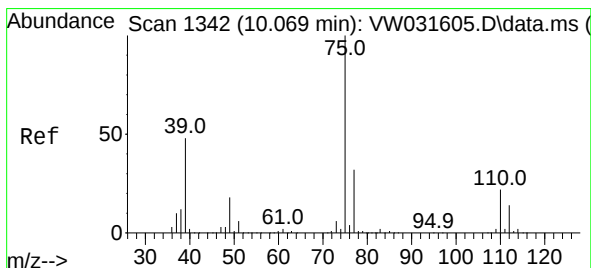
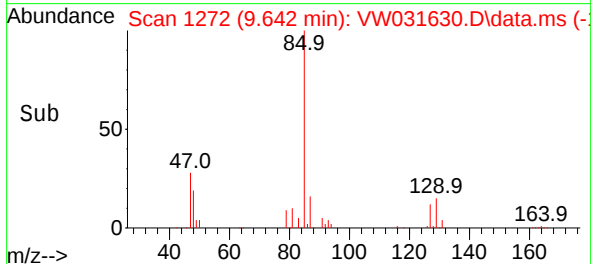
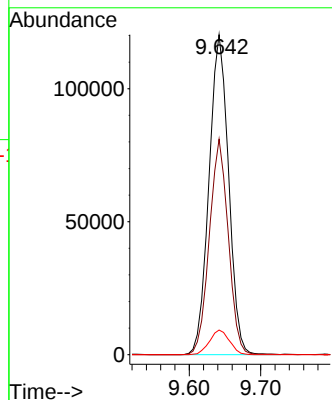
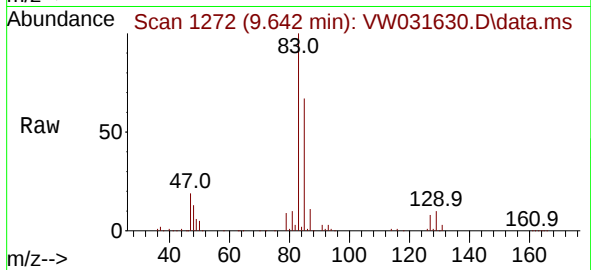




#38
Bromodichloromethane
Concen: 23.348 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

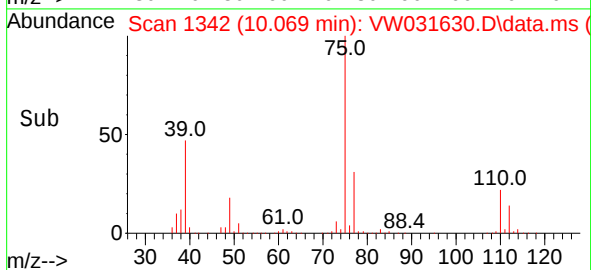
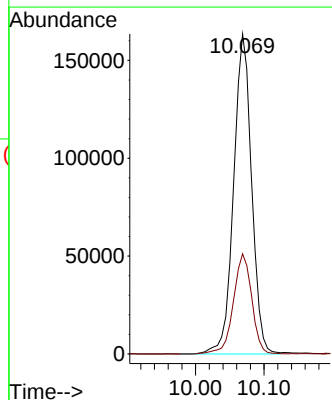
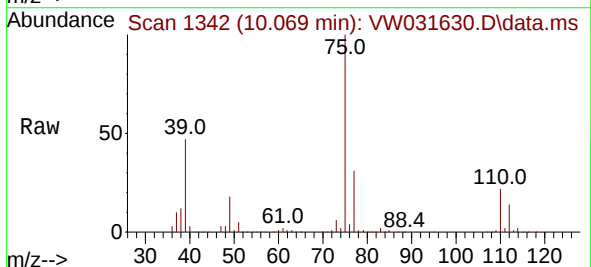
Instrument :
MSVOA_W
ClientSampleId :

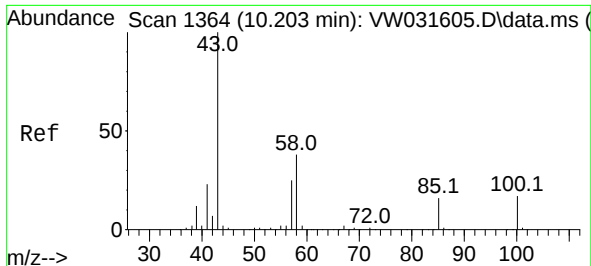
Tgt Ion: 83 Resp: 228787
Ion Ratio Lower Upper
83 100
85 67.4 43.8 81.3
127 7.7 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 23.375 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Tgt Ion: 75 Resp: 297874
Ion Ratio Lower Upper
75 100
77 31.3 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 49.192 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

ClientSampleId :

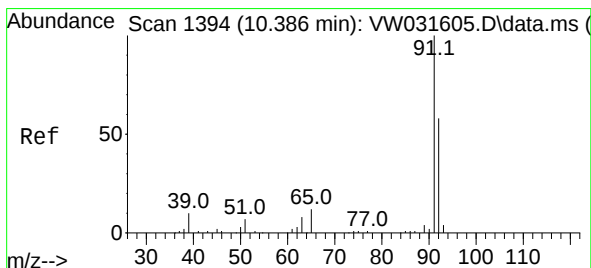
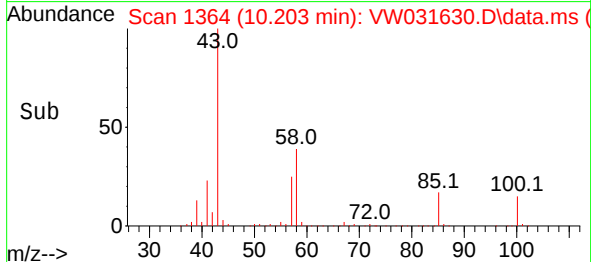
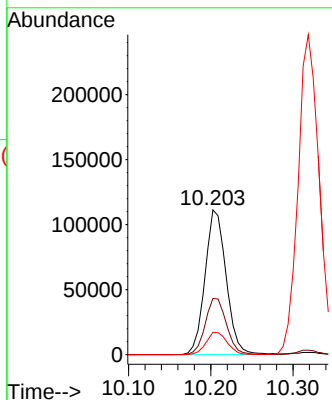
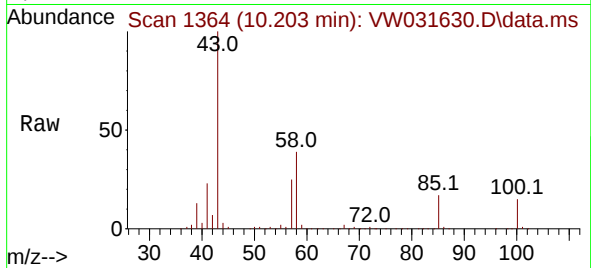
Tgt Ion: 43 Resp: 198906

Ion Ratio Lower Upper

43 100

58 39.0 31.4 47.2

100 15.6 12.3 18.5



#42

Toluene

Concen: 23.002 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031630.D

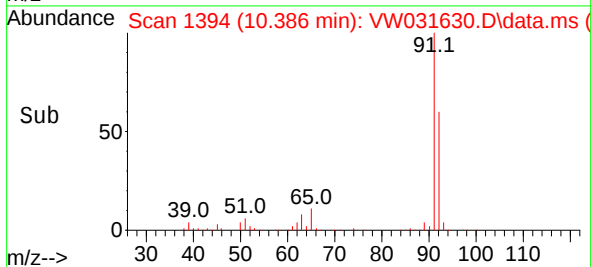
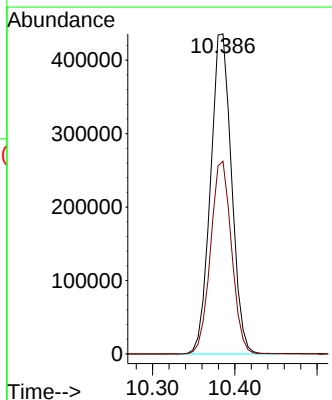
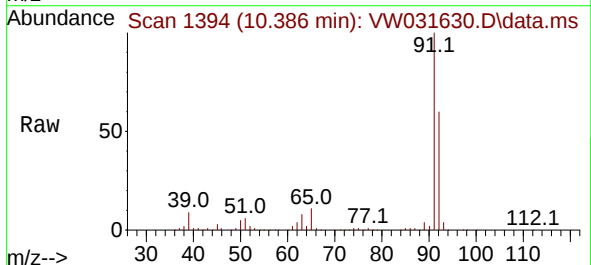
Acq: 29 Jan 2025 09:51

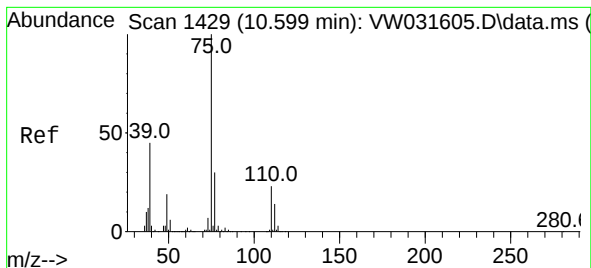
Tgt Ion: 91 Resp: 774978

Ion Ratio Lower Upper

91 100

92 60.2 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 23.550 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

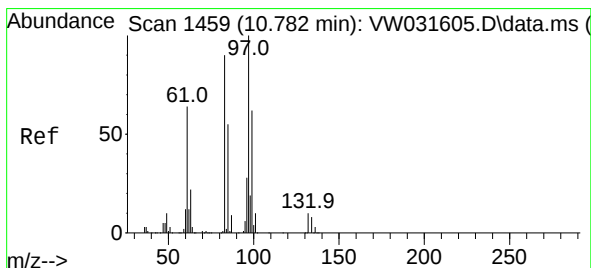
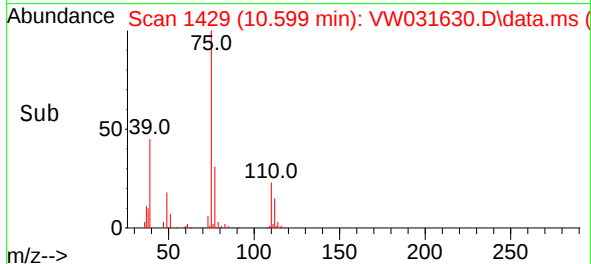
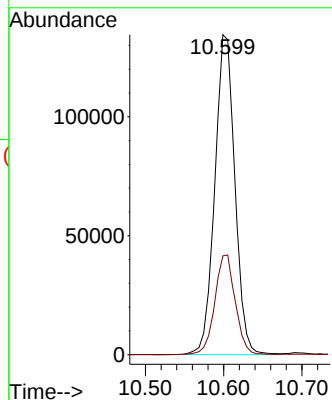
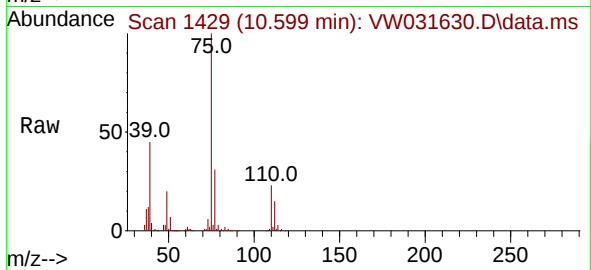
ClientSampleId :

Tgt Ion: 75 Resp: 239883

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 24.945 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Tgt Ion: 97 Resp: 129527

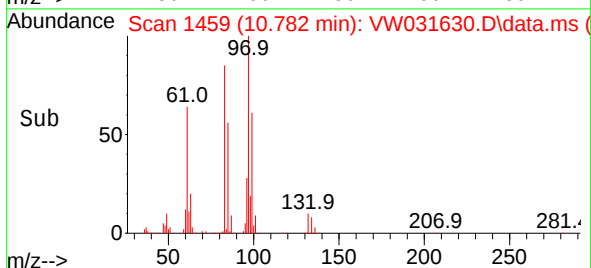
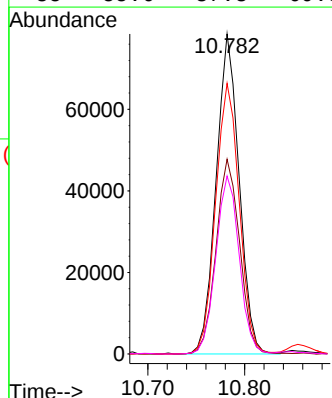
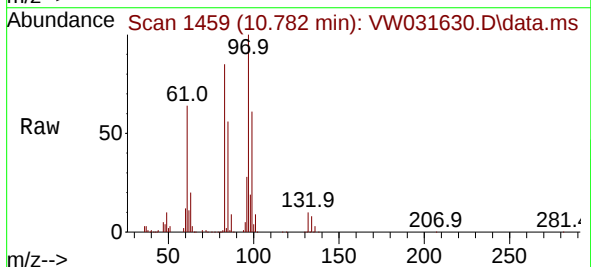
Ion Ratio Lower Upper

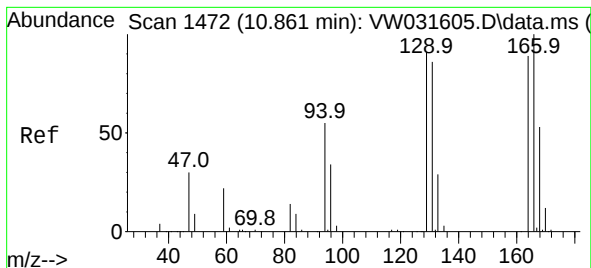
97 100

99 60.9 42.6 79.2

83 84.5 59.6 110.8

85 55.6 37.3 69.3





#46

Tetrachloroethene

Concen: 22.258 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

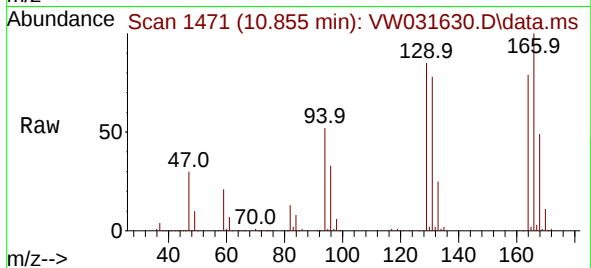
Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 138404

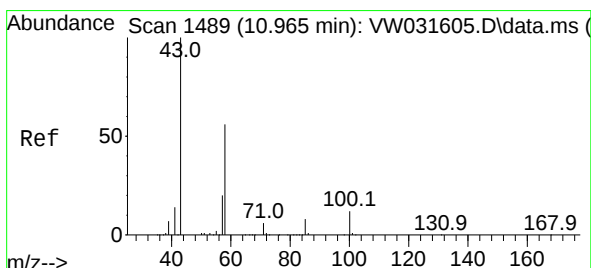
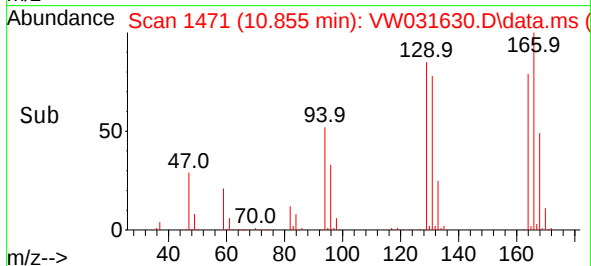
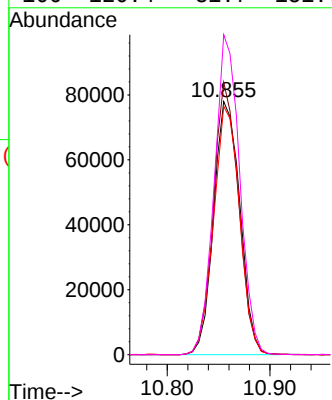
Ion Ratio Lower Upper

164 100

129 107.7 69.8 129.6

131 98.1 63.1 117.1

166 126.4 81.7 151.7



#48

2-Hexanone

Concen: 53.515 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Tgt Ion: 43 Resp: 132232

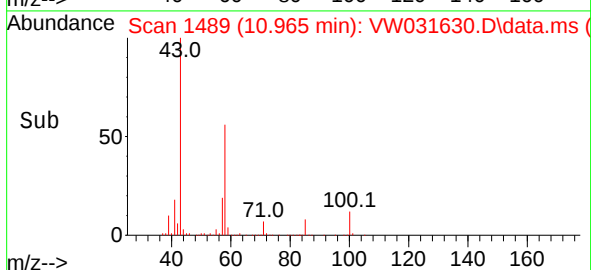
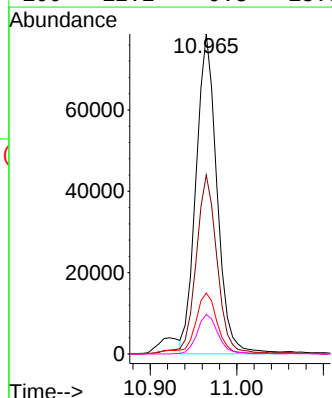
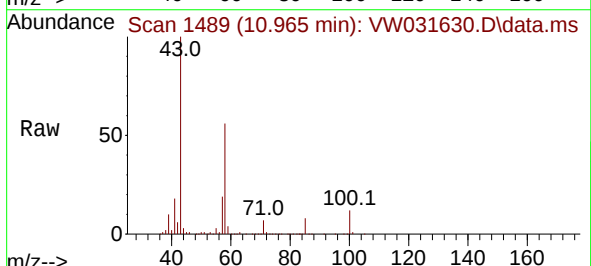
Ion Ratio Lower Upper

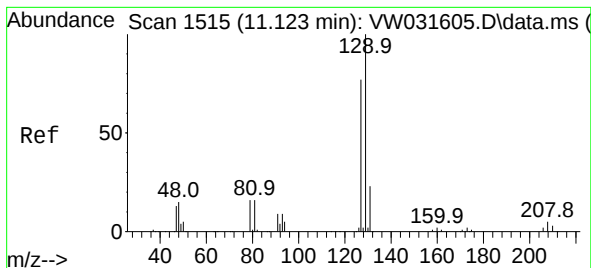
43 100

58 56.3 44.8 67.2

57 19.3 15.6 23.4

100 12.2 9.3 13.9





#49

Dibromochloromethane

Concen: 23.790 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

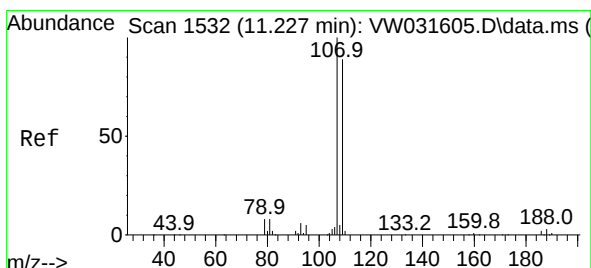
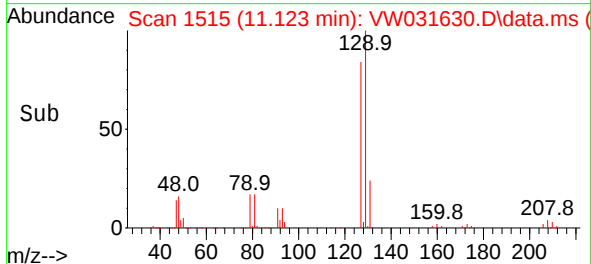
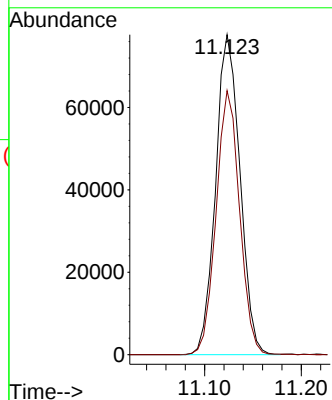
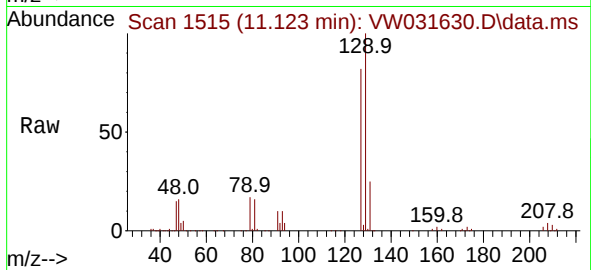
ClientSampleId :

Tgt Ion:129 Resp: 135914

Ion Ratio Lower Upper

129 100

127 82.5 53.0 98.4



#50

1,2-Dibromoethane

Concen: 25.062 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

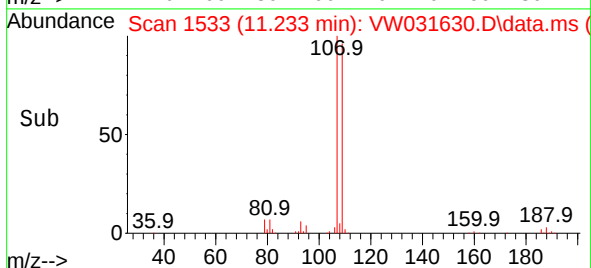
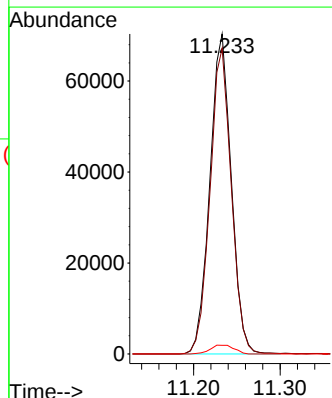
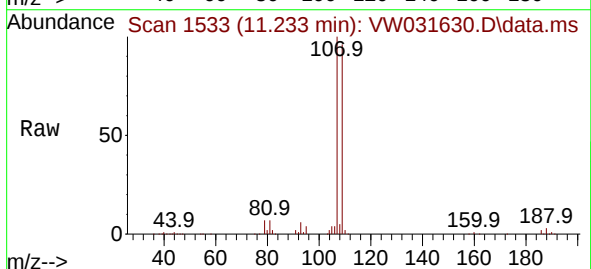
Tgt Ion:107 Resp: 120607

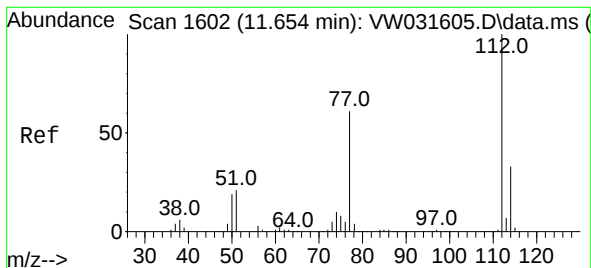
Ion Ratio Lower Upper

107 100

109 95.5 63.8 118.4

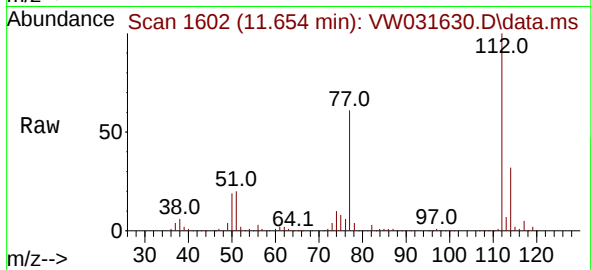
188 2.7 2.6 3.8



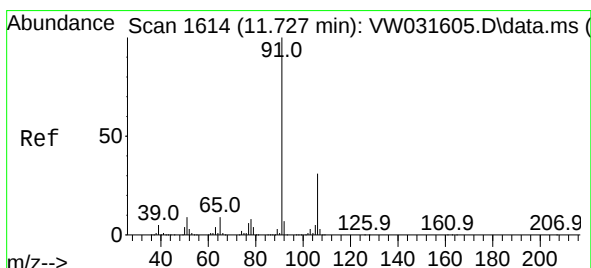
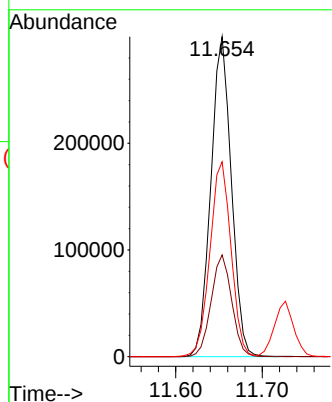
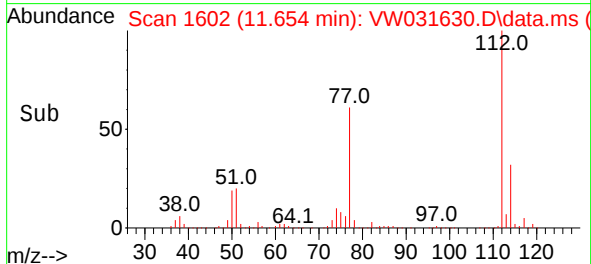


#51
Chlorobenzene
Concen: 23.695 ug/L
RT: 11.654 min Scan# 11602
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Instrument :
MSVOA_W
ClientSampleId :

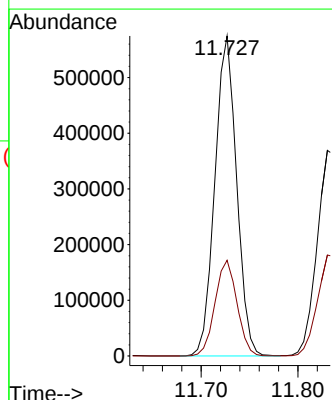
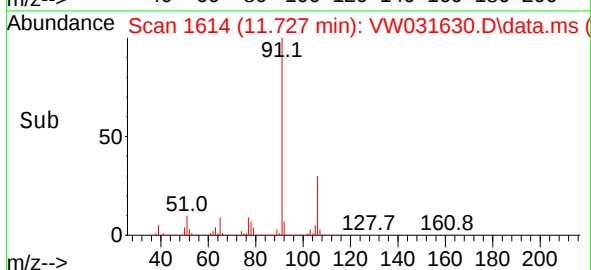
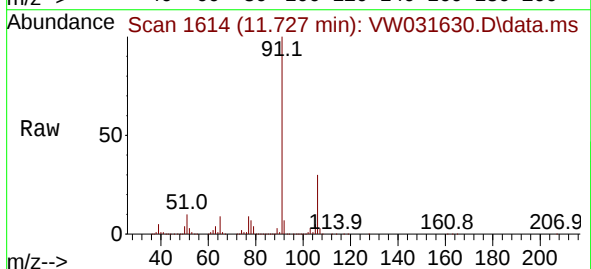


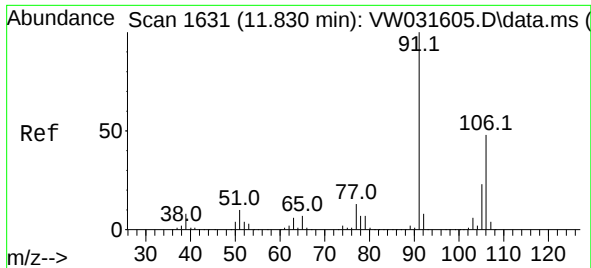
Tgt Ion:112 Resp: 492946
Ion Ratio Lower Upper
112 100
114 31.8 22.0 40.8
77 60.9 49.0 73.4



#52
Ethylbenzene
Concen: 23.205 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Tgt Ion: 91 Resp: 897045
Ion Ratio Lower Upper
91 100
106 29.9 22.3 41.3

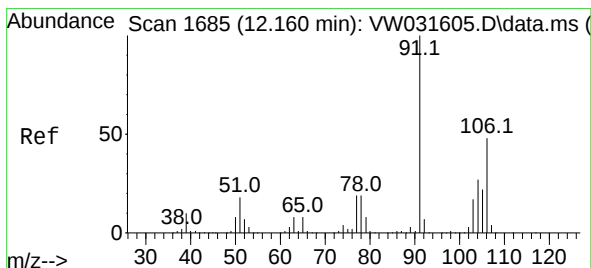
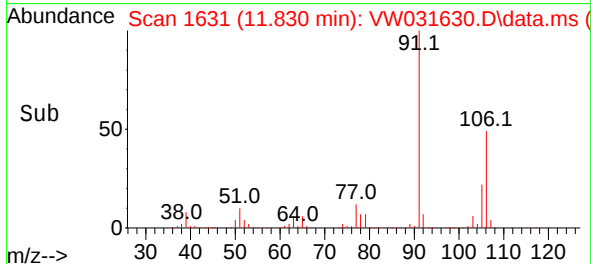
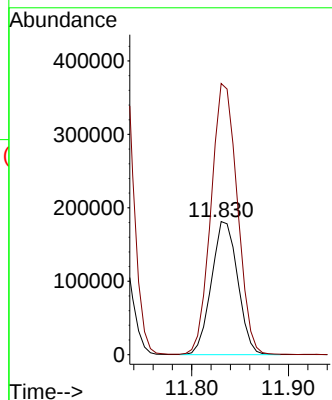
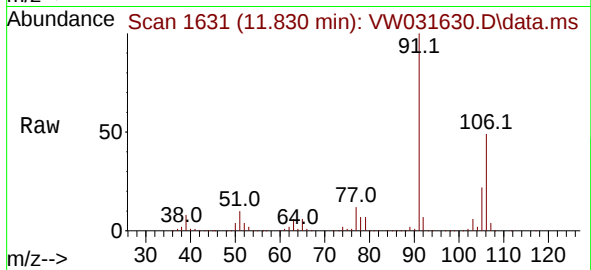




#53
m,p-Xylene
Concen: 23.242 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

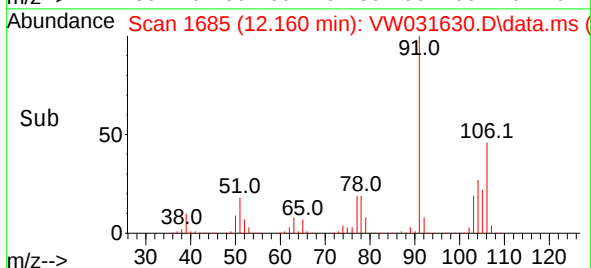
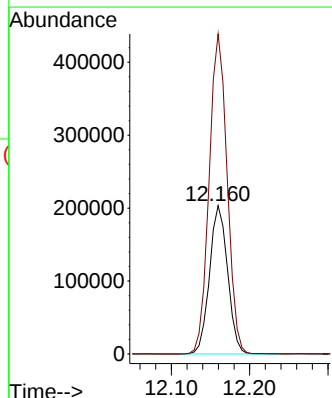
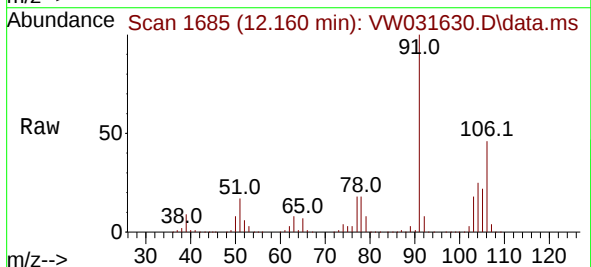
Instrument :
MSVOA_W
ClientSampleId :

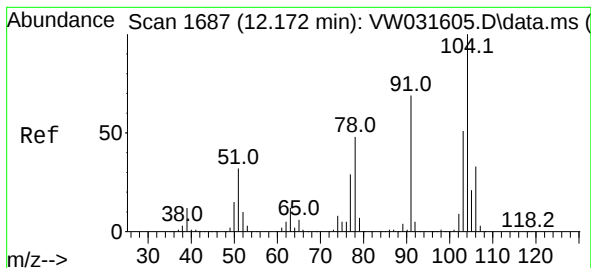
Tgt Ion:106 Resp: 342585
Ion Ratio Lower Upper
106 100
91 203.7 145.9 270.9



#54
o-Xylene
Concen: 23.739 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Tgt Ion:106 Resp: 325189
Ion Ratio Lower Upper
106 100
91 215.8 152.9 284.1





#55

Styrene

Concen: 23.992 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

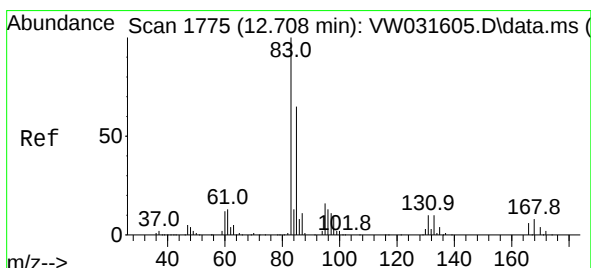
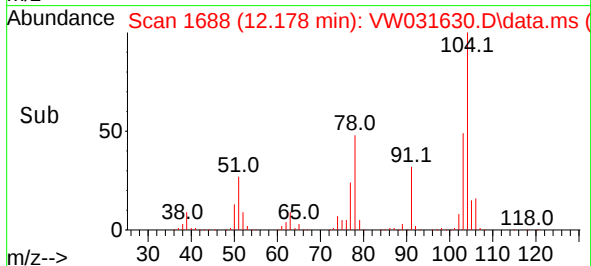
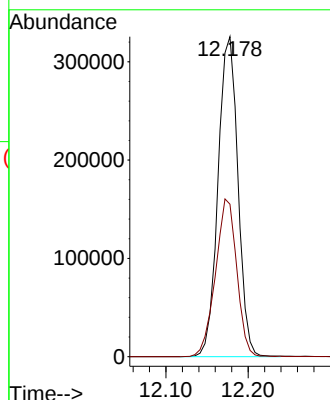
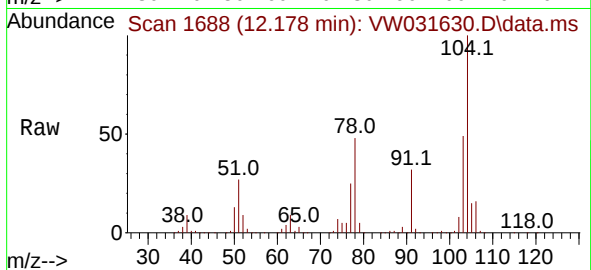
ClientSampleId :

Tgt Ion:104 Resp: 546854

Ion Ratio Lower Upper

104 100

78 47.7 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 25.779 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

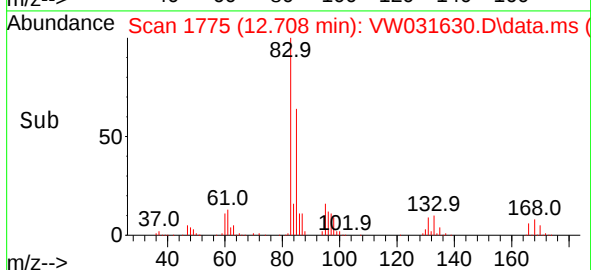
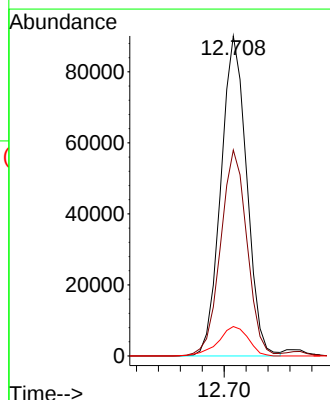
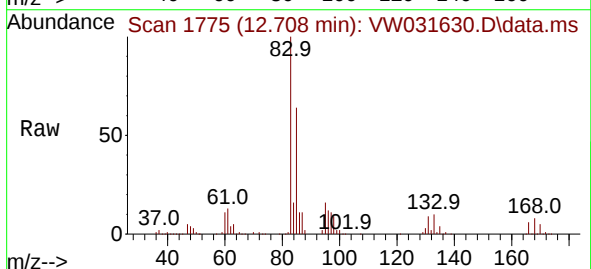
Tgt Ion: 83 Resp: 147083

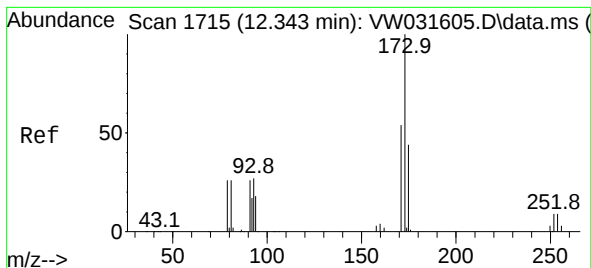
Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9

131 9.2 7.4 11.0





#59

Bromoform

Concen: 23.401 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

ClientSampleId :

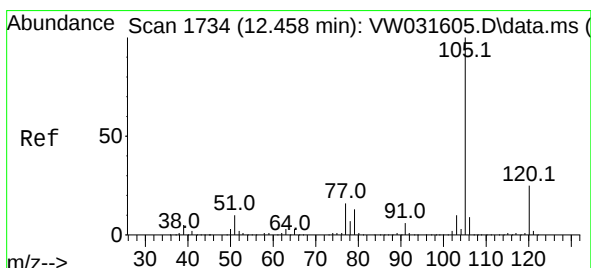
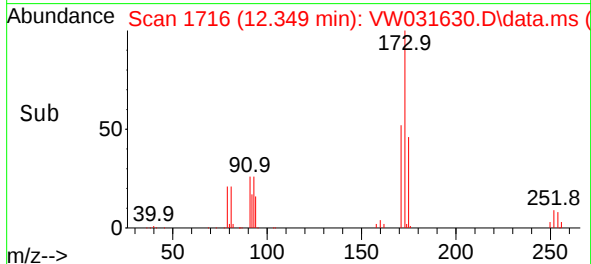
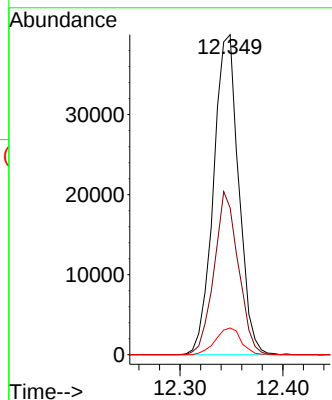
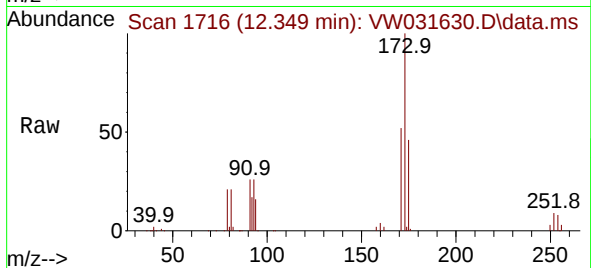
Tgt Ion:173 Resp: 67841

Ion Ratio Lower Upper

173 100

175 49.2 37.7 56.5

254 8.4 7.1 10.7



#60

Isopropylbenzene

Concen: 23.267 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

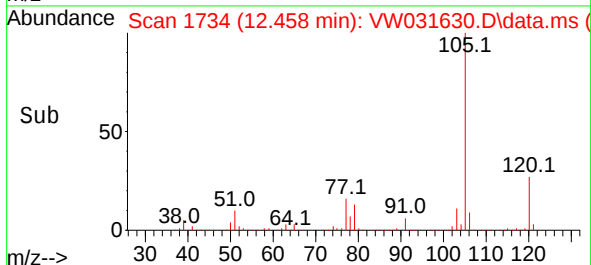
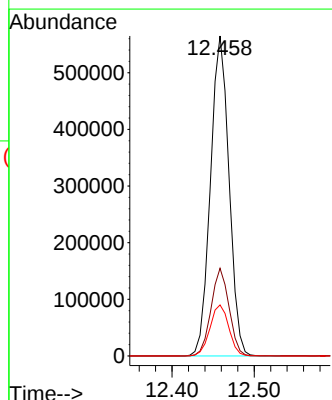
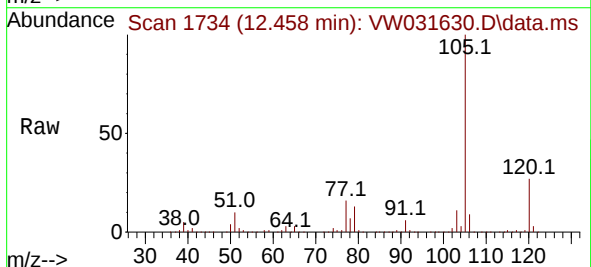
Tgt Ion:105 Resp: 884306

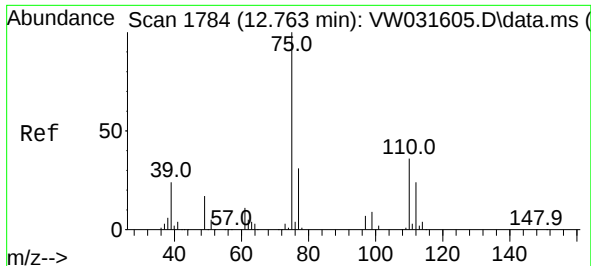
Ion Ratio Lower Upper

105 100

120 26.5 20.1 30.1

77 16.2 12.7 19.1





#61

1,2,3-Trichloropropane

Concen: 26.745 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

ClientSampleId :

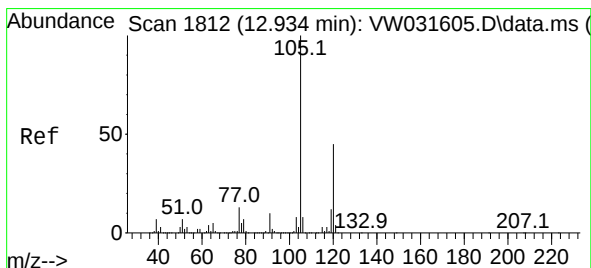
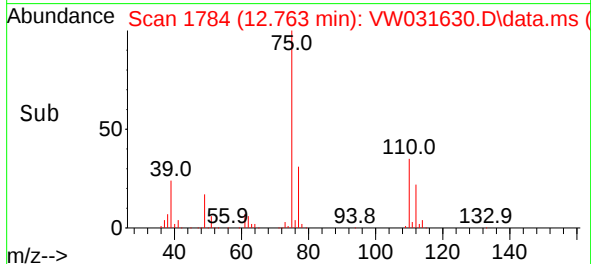
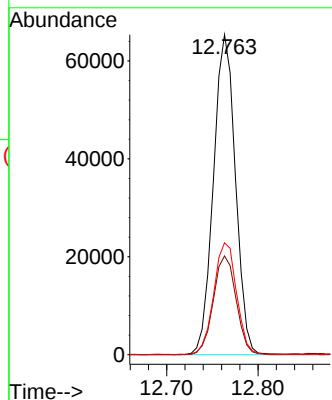
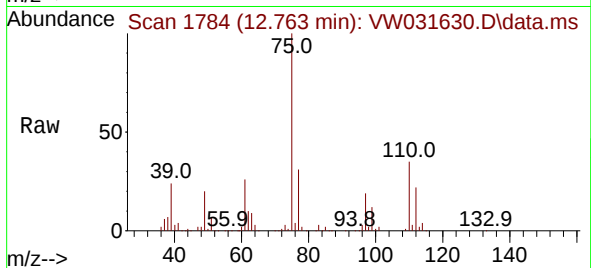
Tgt Ion: 75 Resp: 109271

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 36.3 29.6 44.4



#62

1,3,5-Trimethylbenzene

Concen: 23.769 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW031630.D

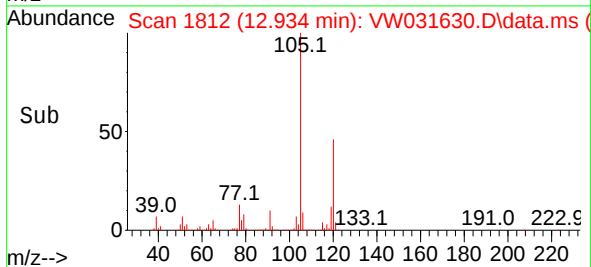
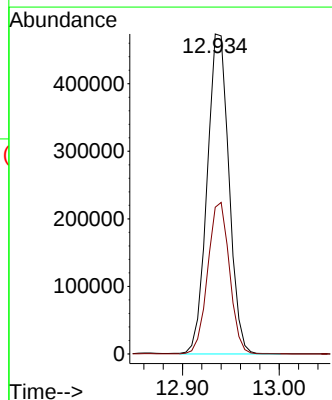
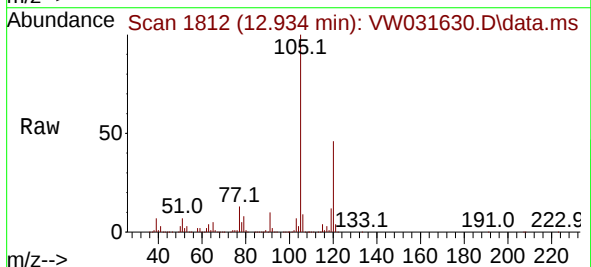
Acq: 29 Jan 2025 09:51

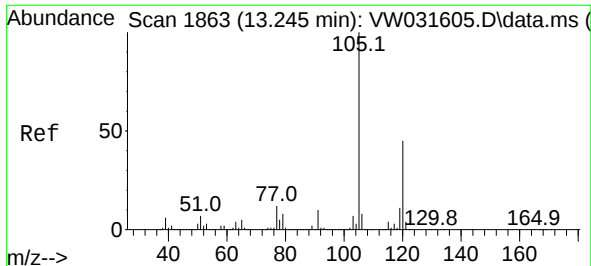
Tgt Ion:105 Resp: 743850

Ion Ratio Lower Upper

105 100

120 47.1 37.6 56.4





#63

1,2,4-Trimethylbenzene

Concen: 23.165 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

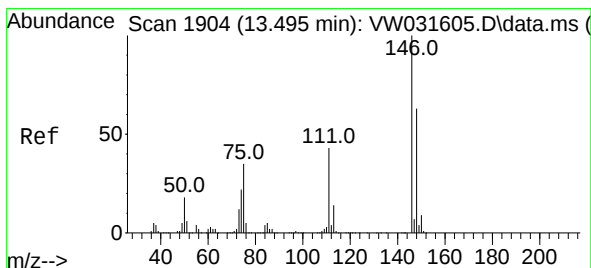
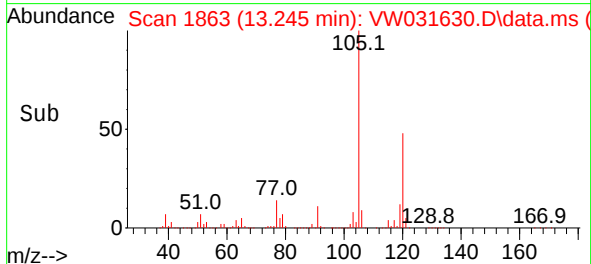
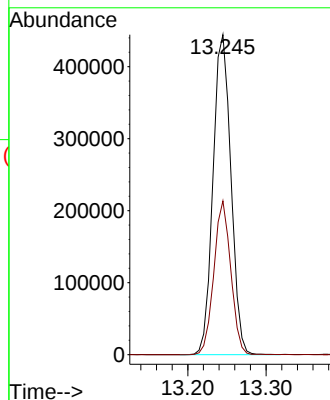
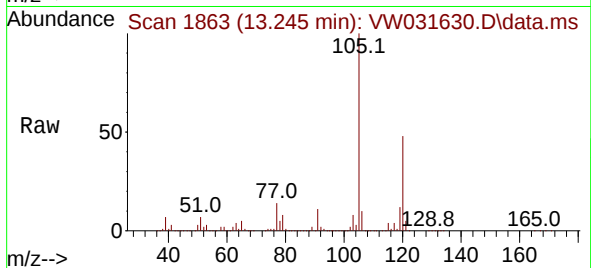
ClientSampleId :

Tgt Ion:105 Resp: 705574

Ion Ratio Lower Upper

105 100

120 45.3 36.3 54.5



#64

1,3-Dichlorobenzene

Concen: 24.223 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

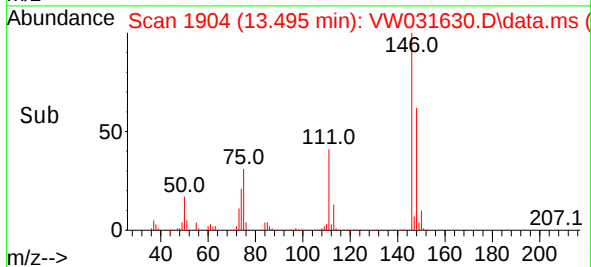
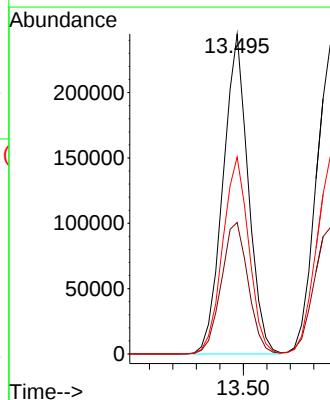
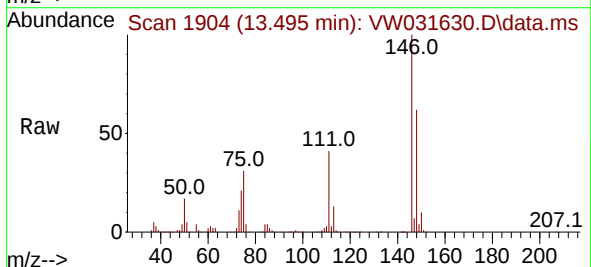
Tgt Ion:146 Resp: 365142

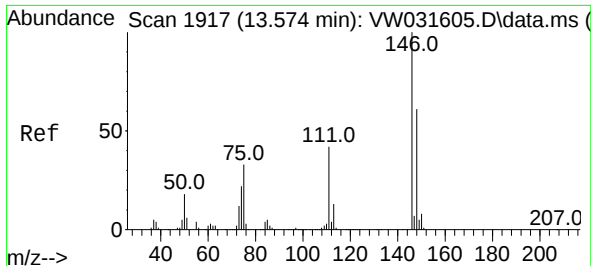
Ion Ratio Lower Upper

146 100

111 41.1 30.4 56.5

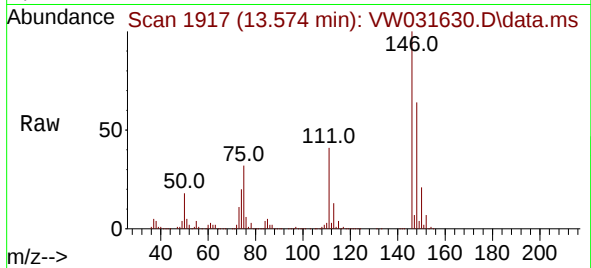
148 61.6 42.1 78.1



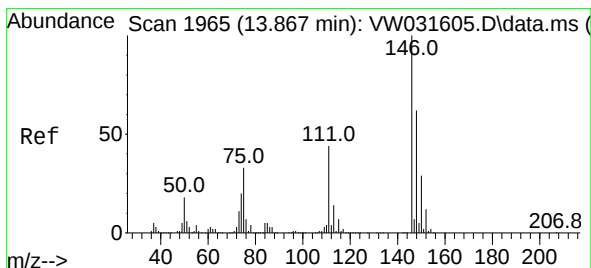
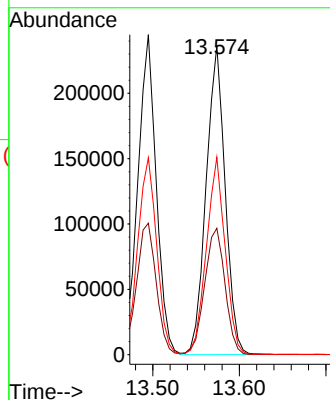
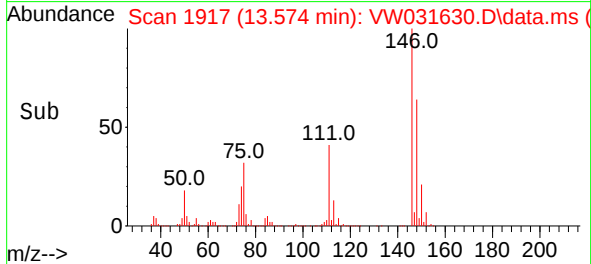


#65
1,4-Dichlorobenzene
Concen: 24.176 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Instrument :
MSVOA_W
ClientSampleId :

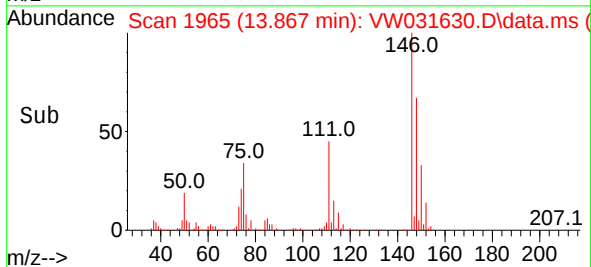
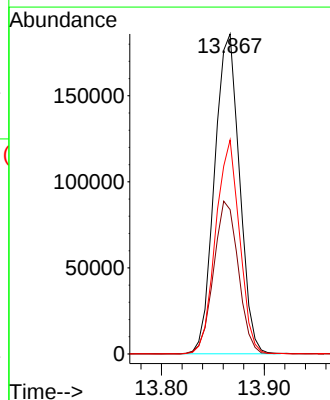
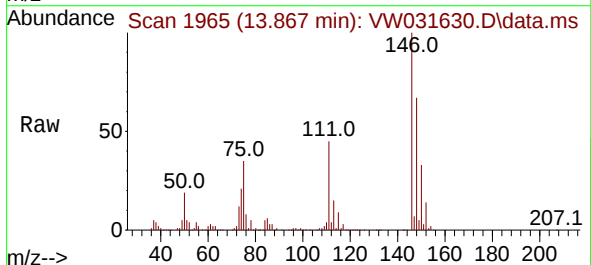


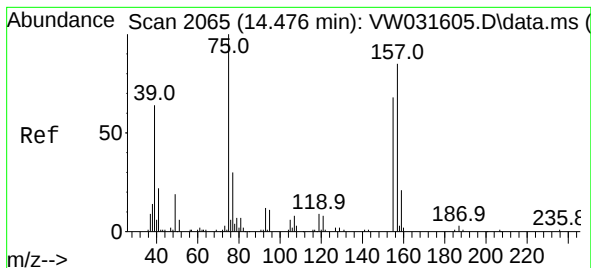
Tgt Ion:146 Resp: 360440
Ion Ratio Lower Upper
146 100
111 40.9 28.5 52.9
148 63.8 45.4 84.4



#67
1,2-Dichlorobenzene
Concen: 24.309 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Tgt Ion:146 Resp: 312926
Ion Ratio Lower Upper
146 100
111 45.1 36.6 55.0
148 66.9 51.0 76.4

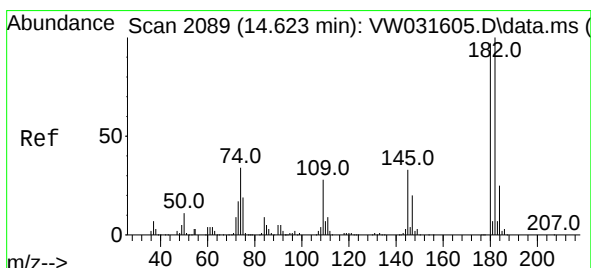
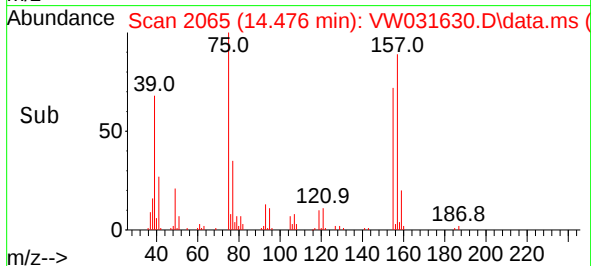
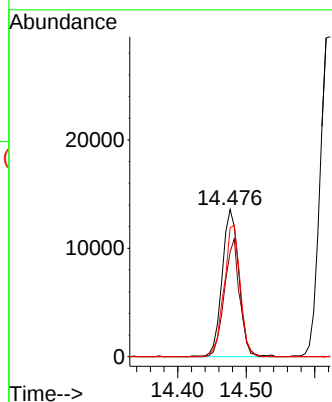
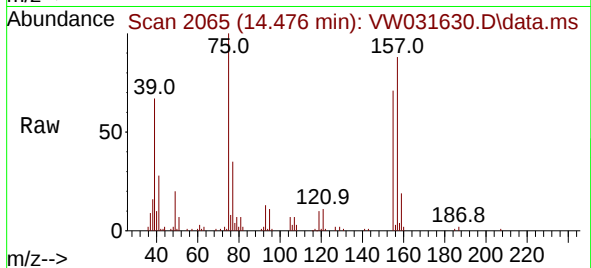




#68
1,2-Dibromo-3-chloropropane
Concen: 25.118 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

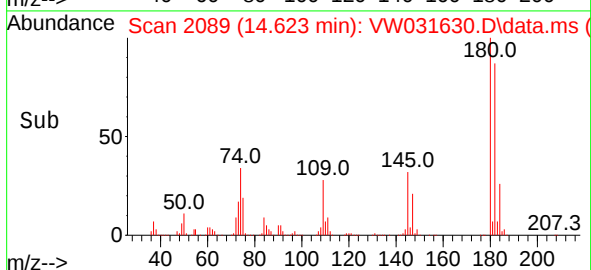
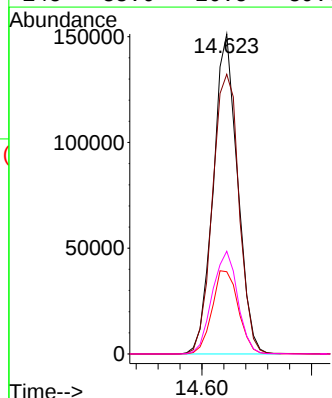
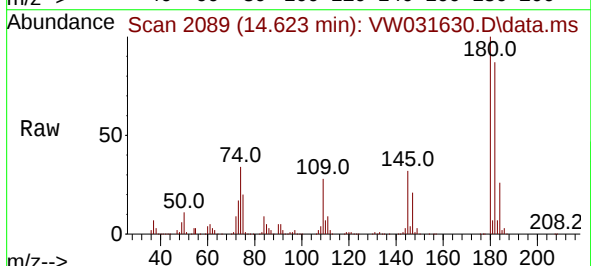
Instrument :
MSVOA_W
ClientSampleId :

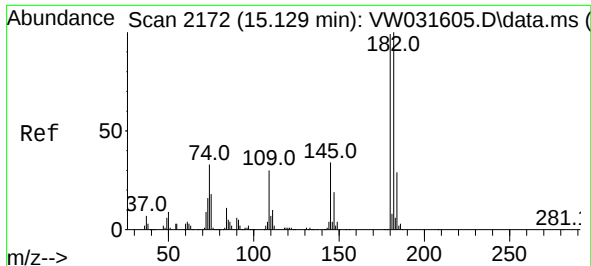
Tgt Ion: 75 Resp: 22943
Ion Ratio Lower Upper
75 100
155 71.1 51.0 76.4
157 87.5 70.2 105.2



#69
1,3,5-Trichlorobenzene
Concen: 22.810 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Tgt Ion:180 Resp: 233012
Ion Ratio Lower Upper
180 100
182 95.4 74.2 111.4
184 28.1 23.0 34.4
145 33.6 26.5 39.7





#70

1,2,4-trichlorobenzene

Concen: 24.085 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

Instrument :

MSVOA_W

ClientSampleId :

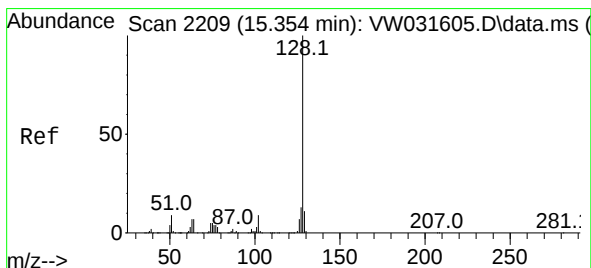
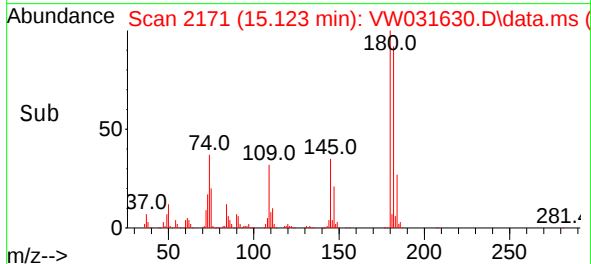
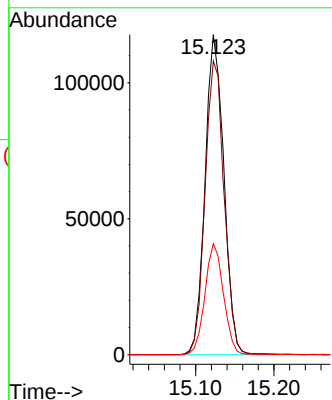
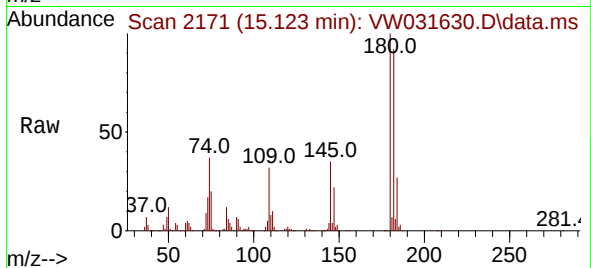
Tgt Ion:180 Resp: 195972

Ion Ratio Lower Upper

180 100

182 93.4 77.7 116.5

145 34.2 26.6 39.8



#71

Naphthalene

Concen: 26.452 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VW031630.D

Acq: 29 Jan 2025 09:51

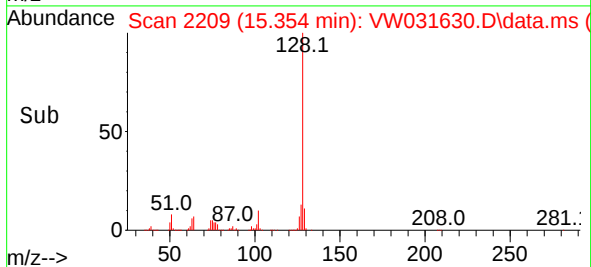
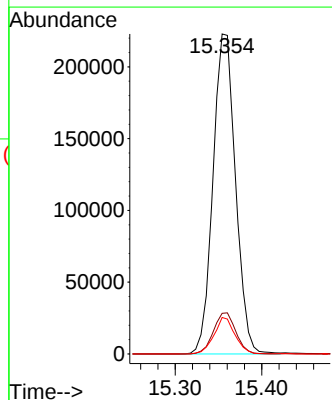
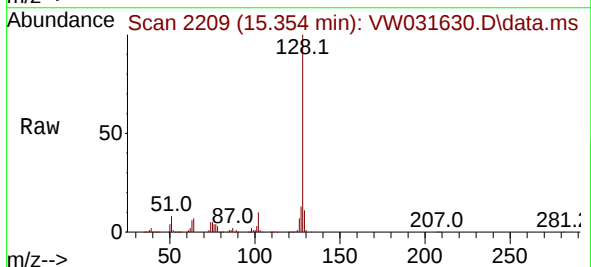
Tgt Ion:128 Resp: 403579

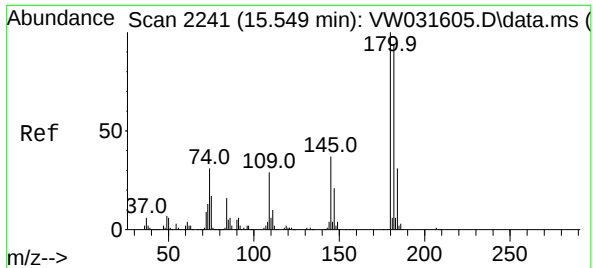
Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

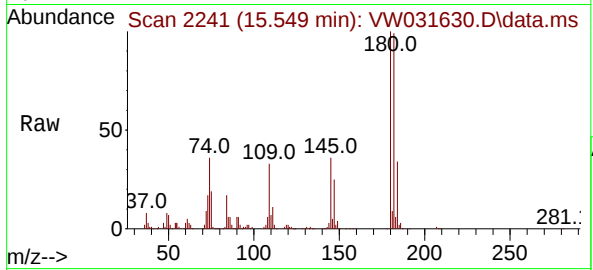
129 10.7 8.7 13.1





#72
1,2,3-Trichlorobenzene
Concen: 23.517 ug/L
RT: 15.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031630.D
Acq: 29 Jan 2025 09:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 161161
Ion Ratio Lower Upper
180 100
182 99.8 76.9 115.3
145 37.8 30.1 45.1

