

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031609.D
 Acq On : 28 Jan 2025 11:26
 Operator : SY/MD
 Sample : Q1190-06MS
 Misc : 7.57g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 07:32:40 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	784800	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	576959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	187529	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	196526	15.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.840%
7) Chloroethane-d5	2.893	69	157412	17.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	4.021	65	99623	18.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.720%
21) 2-Butanone-d5	7.081	46	177737	89.782	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.560%#
24) Chloroform-d	7.648	84	468832	23.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.320%
26) 1,2-Dichloroethane-d4	8.301	65	271284	27.137	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.560%
32) Benzene-d6	8.270	84	914562	25.235	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.270	67	297121	27.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.080%
41) Toluene-d8	10.318	98	742749	22.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	10.575	79	128333	29.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.840%
47) 2-Hexanone-d5	10.922	63	129154	118.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	236.560%#
56) 1,1,2,2-Tetrachloroeth...	12.684	84	250189	38.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	152.920%#
66) 1,2-Dichlorobenzene-d4	13.848	152	142342	21.641	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	210121	20.585	ug/L	96
3) Chloromethane	2.222	50	206196	19.490	ug/L	99
5) Vinyl chloride	2.375	62	265509	19.675	ug/L	99
6) Bromomethane	2.789	94	149437	18.946	ug/L	99
8) Chloroethane	2.930	64	152577	19.234	ug/L	100
9) Trichlorofluoromethane	3.259	101	229139	17.091	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	204889	19.959	ug/L	97
12) 1,1-Dichloroethene	4.039	96	212450	20.344	ug/L	97
13) Acetone	4.149	43	143686	94.308	ug/L #	58
14) Carbon disulfide	4.387	76	617923	17.566	ug/L	98
16) Methylene chloride	4.917	84	236169	22.096	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	236762	21.109	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	525705	29.229	ug/L	99
19) 1,1-Dichloroethane	6.216	63	481432	22.814	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	267027	22.297	ug/L	97
22) 2-Butanone	7.179	43	203363	78.153	ug/L	100
23) Bromochloromethane	7.514	128	120784	25.754	ug/L	96
25) Chloroform	7.673	83	461050	22.970	ug/L	99
27) 1,2-Dichloroethane	8.398	62	333791	27.000	ug/L	100

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 Response via : Initial Calibration

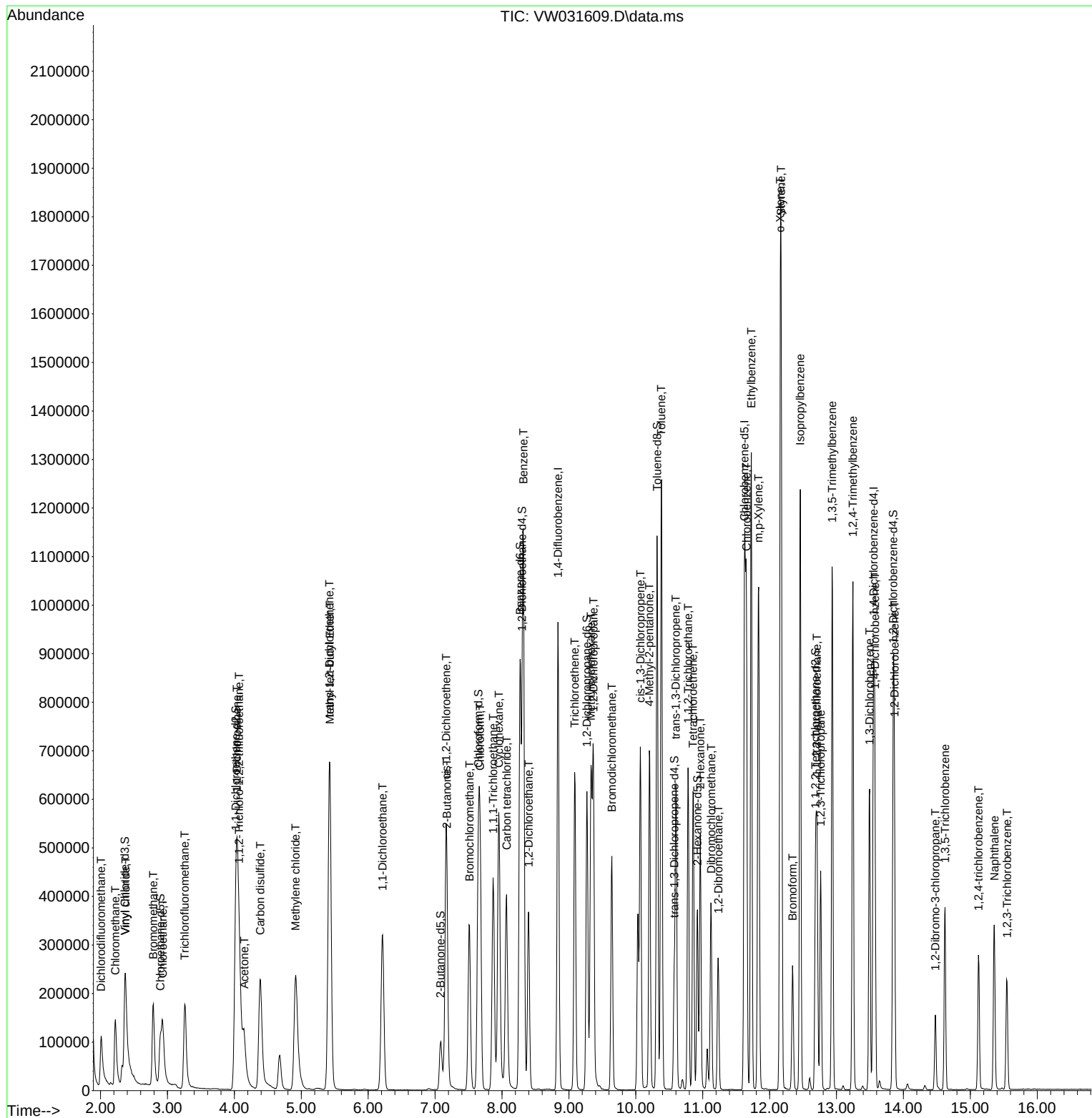
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	363099	19.635	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	359198	23.983	ug/L	100
31) Carbon tetrachloride	8.069	117	309389	23.299	ug/L	97
33) Benzene	8.319	78	989723	25.064	ug/L	100
34) Trichloroethene	9.087	95	239980	22.605	ug/L	96
35) Methylcyclohexane	9.331	83	280370	14.730	ug/L	98
37) 1,2-Dichloropropane	9.367	63	270071	27.212	ug/L	100
38) Bromodichloromethane	9.642	83	326137	27.166	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	429513	27.511	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	468370	94.546	ug/L	99
42) Toluene	10.379	91	943335	22.854	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	358528	28.730	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	209010	32.855	ug/L	99
46) Tetrachloroethene	10.855	164	140050	18.383	ug/L	97
48) 2-Hexanone	10.965	43	327052	108.035	ug/L	99
49) Dibromochloromethane	11.129	129	200445	28.637	ug/L	100
50) 1,2-Dibromoethane	11.233	107	197272	33.459	ug/L	97
51) Chlorobenzene	11.654	112	524814	20.590	ug/L	99
52) Ethylbenzene	11.727	91	931486	19.668	ug/L	96
53) m,p-Xylene	11.836	106	336065	18.610	ug/L	97
54) o-Xylene	12.160	106	341623	20.356	ug/L	97
55) Styrene	12.172	104	543180	19.451	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	245439	35.112	ug/L	99
59) Bromoform	12.342	173	110138	44.076	ug/L	98
60) Isopropylbenzene	12.458	105	787996	24.054	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	194294	55.172	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	585564	21.708	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	559572	21.314	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	251362	19.346	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	254526	19.806	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	229714	20.703	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	42676	54.204	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	107959	12.261	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	85724	12.223	ug/L	95
71) Naphthalene	15.360	128	292703	22.257	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	72018	12.192	ug/L	97

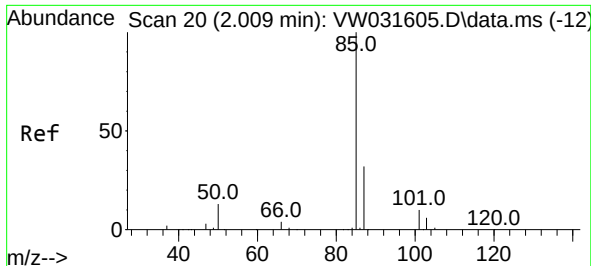
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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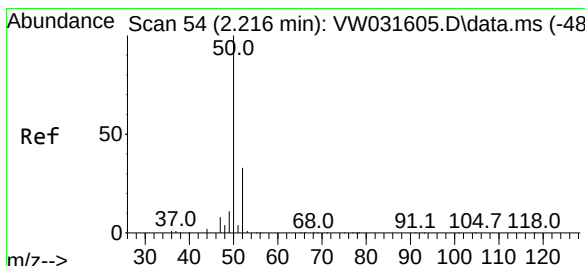
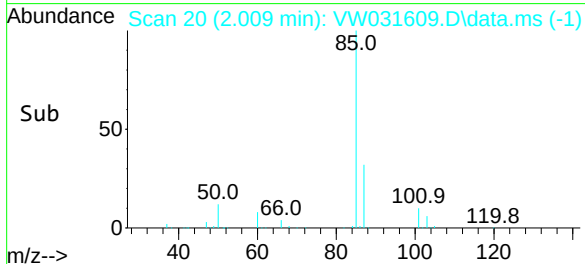
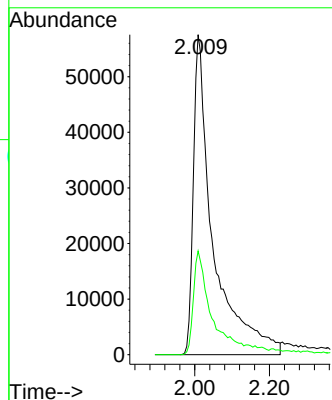
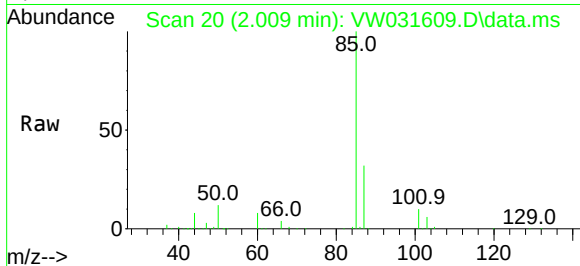




#2
 Dichlorodifluoromethane
 Concen: 20.585 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

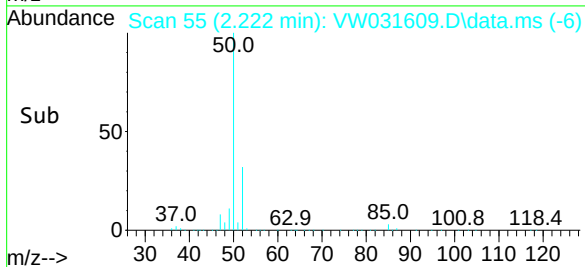
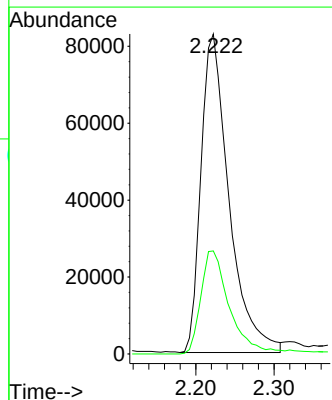
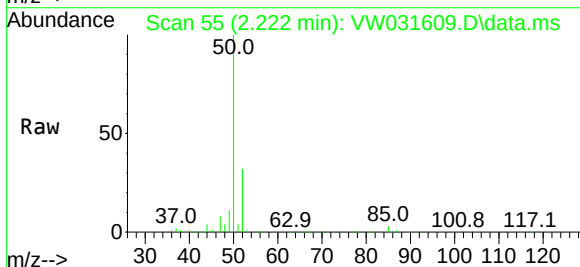
Instrument :
 MSVOA_W
 ClientSampleId :

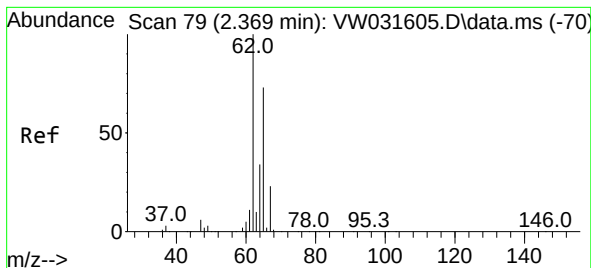
Tgt Ion: 85 Resp: 210121
 Ion Ratio Lower Upper
 85 100
 87 29.0 25.0 37.4



#3
 Chloromethane
 Concen: 19.490 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

Tgt Ion: 50 Resp: 206196
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.3 41.3





#5

Vinyl chloride

Concen: 19.675 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

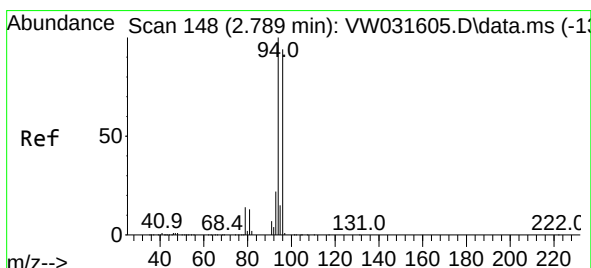
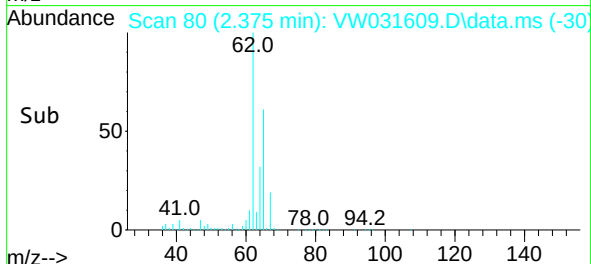
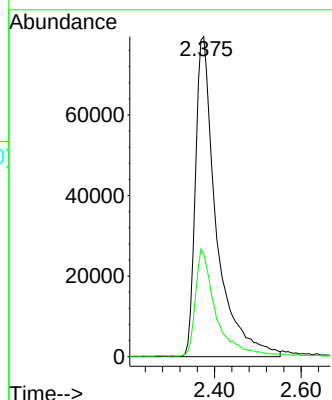
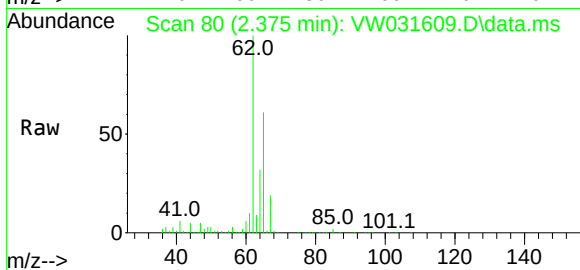
ClientSampleId :

Tgt Ion: 62 Resp: 265509

Ion Ratio Lower Upper

62 100

64 32.1 22.7 42.3



#6

Bromomethane

Concen: 18.946 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW031609.D

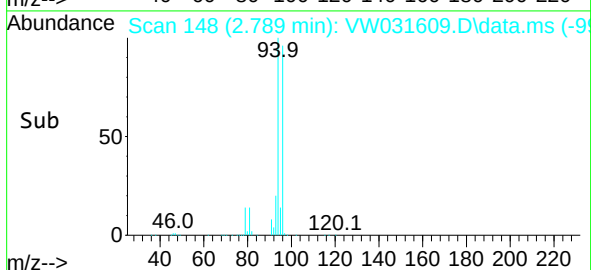
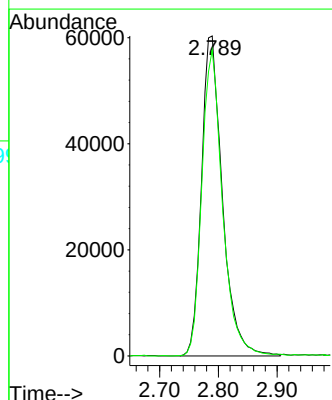
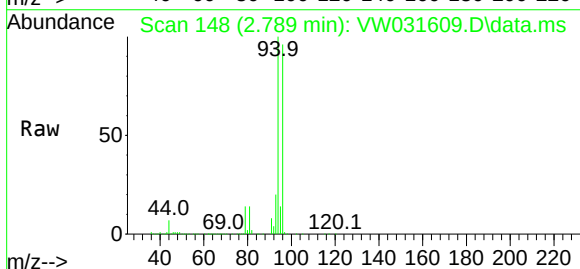
Acq: 28 Jan 2025 11:26

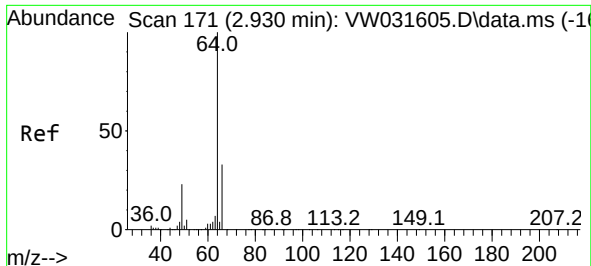
Tgt Ion: 94 Resp: 149437

Ion Ratio Lower Upper

94 100

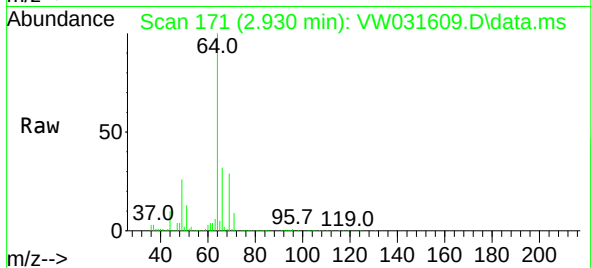
96 95.7 67.6 125.6



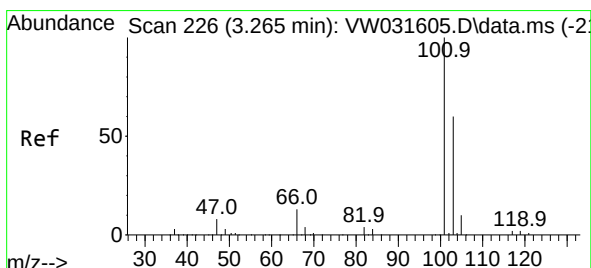
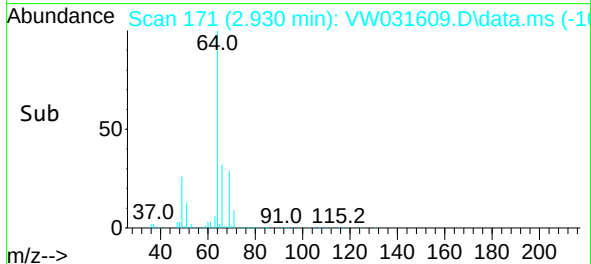
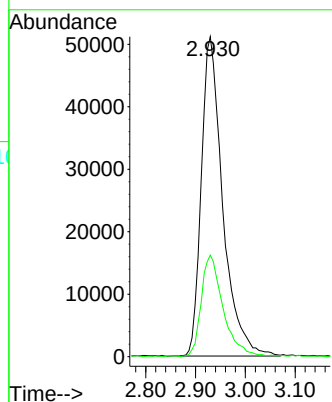


#8
Chloroethane
Concen: 19.234 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :

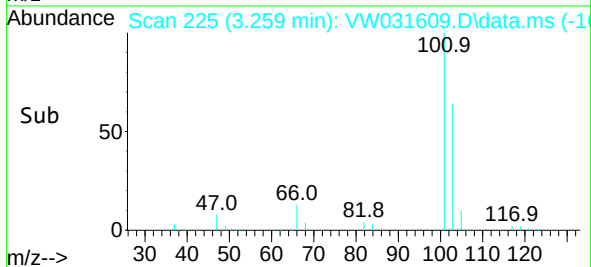
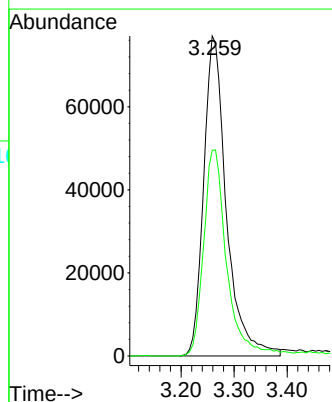
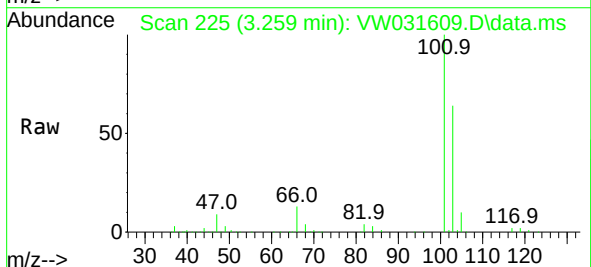


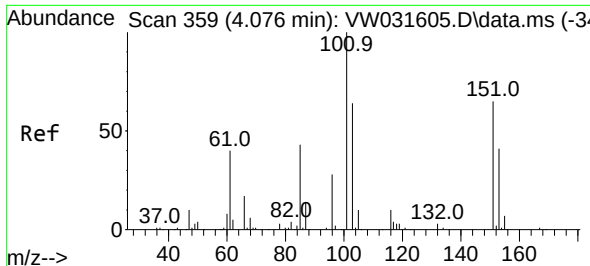
Tgt Ion: 64 Resp: 152577
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 17.091 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 101 Resp: 229139
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

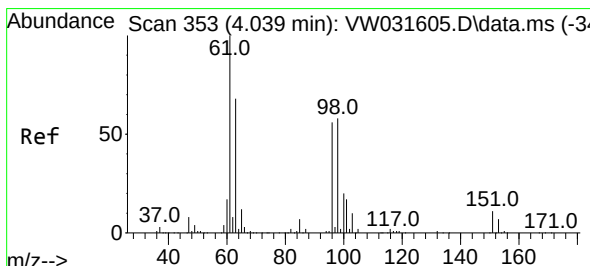
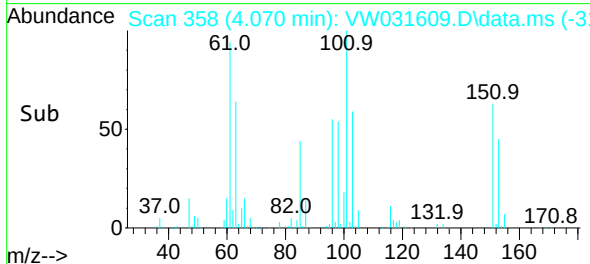
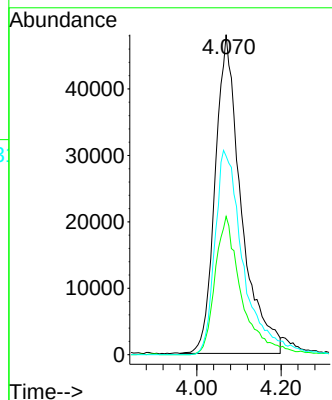
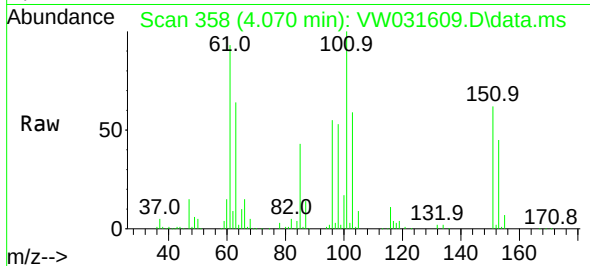




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.959 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

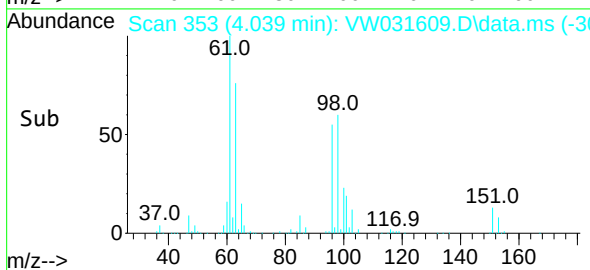
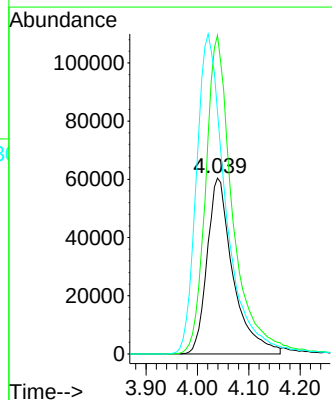
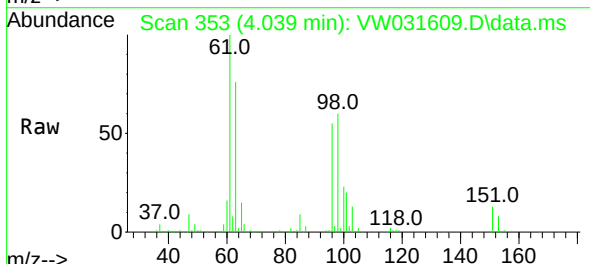
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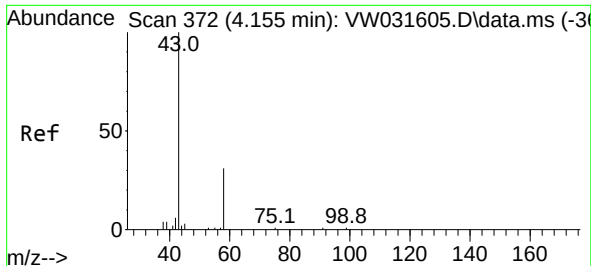
Tgt Ion:101 Resp: 204889
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.1 54.1
 151 68.0 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 20.344 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031609.D
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Tgt Ion: 96 Resp: 212450
 Ion Ratio Lower Upper
 96 100
 61 181.3 123.8 230.0
 63 137.8 94.1 174.8

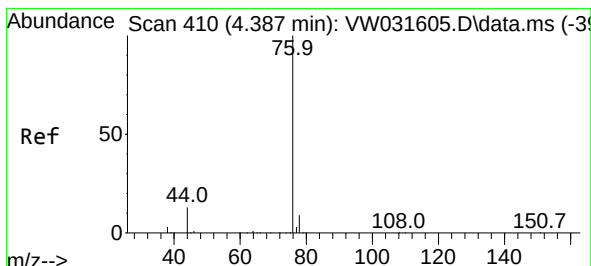
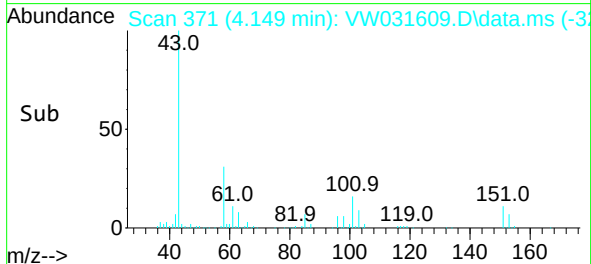
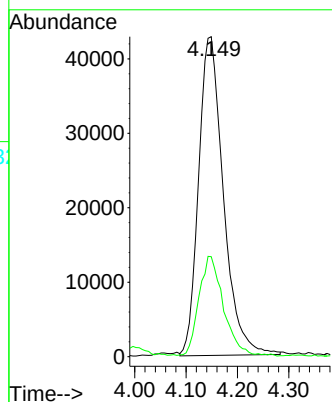
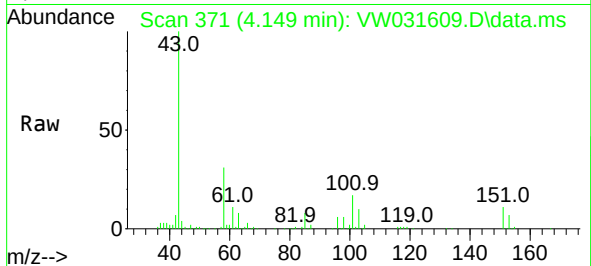




#13
Acetone
Concen: 94.308 ug/L
RT: 4.149 min Scan# 31
Delta R.T. -0.018 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

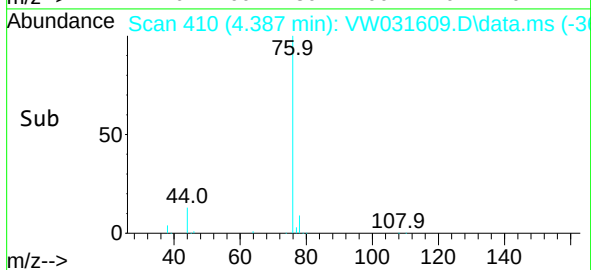
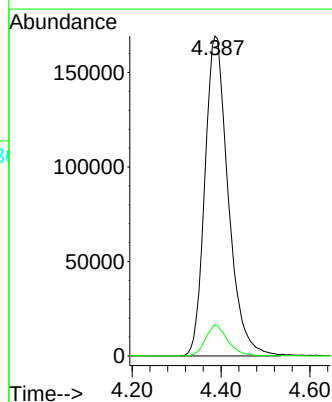
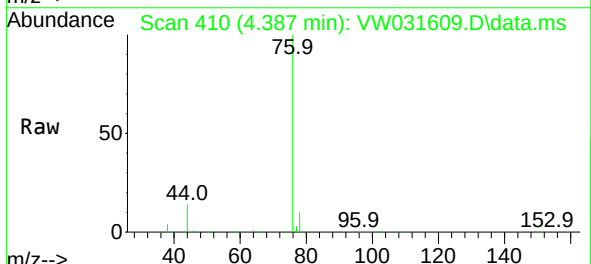
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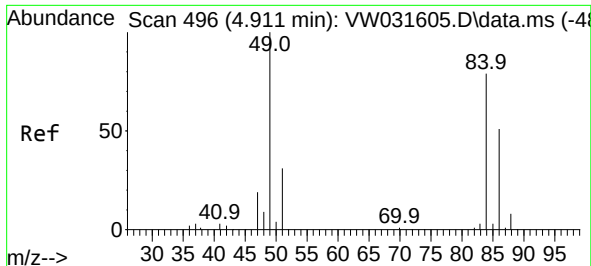
Tgt Ion: 43 Resp: 143686
Ion Ratio Lower Upper
43 100
58 31.4 0.0 28.2#



#14
Carbon disulfide
Concen: 17.566 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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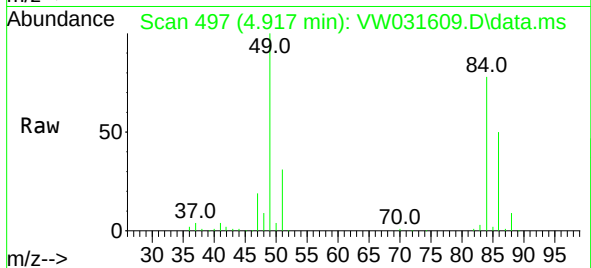
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Ion Ratio Lower Upper
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78 9.8 7.3 10.9



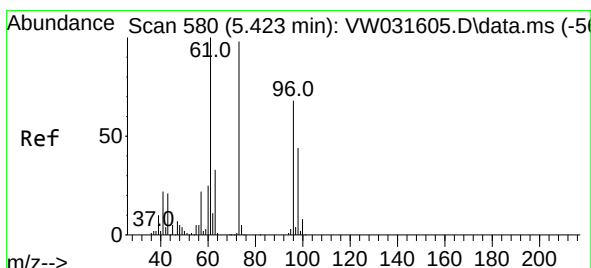
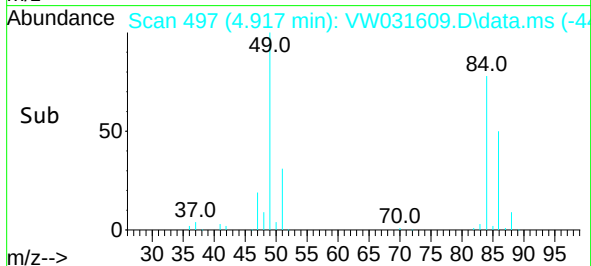
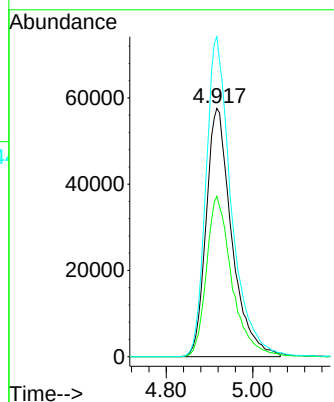


#16
Methylene chloride
Concen: 22.096 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :

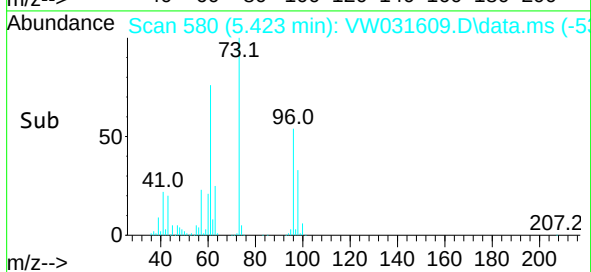
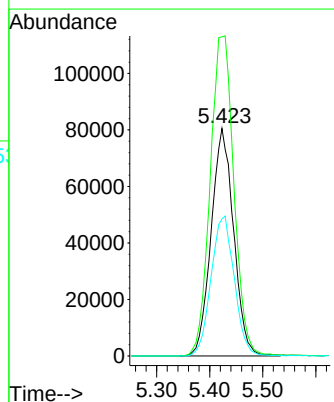
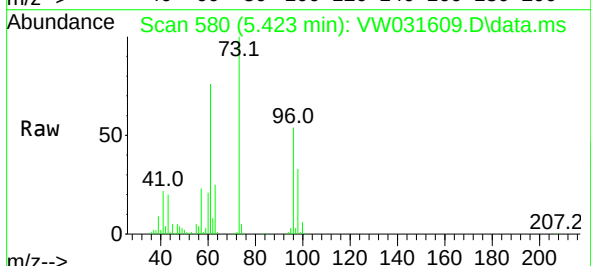


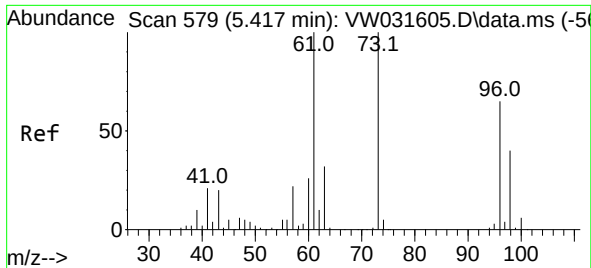
Tgt Ion: 84 Resp: 236169
Ion Ratio Lower Upper
84 100
86 64.6 47.0 87.2
49 128.9 89.8 166.8



#17
trans-1,2-Dichloroethene
Concen: 21.109 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

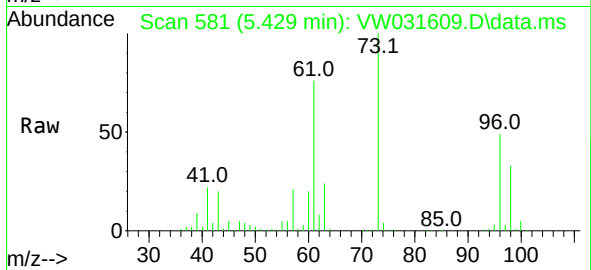
Tgt Ion: 96 Resp: 236762
Ion Ratio Lower Upper
96 100
61 140.3 105.1 195.1
98 60.2 44.9 83.3



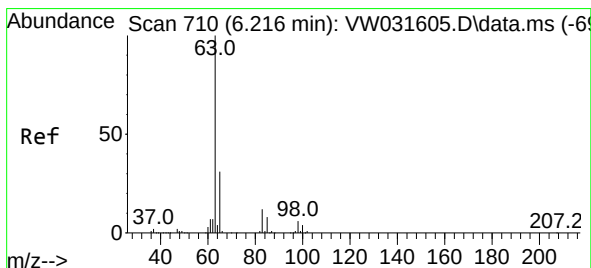
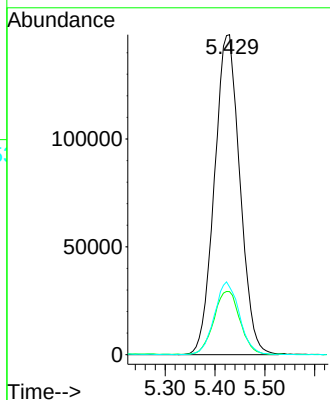
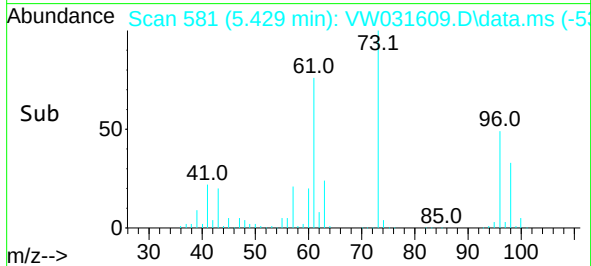


#18
Methyl tert-butyl Ether
Concen: 29.229 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :

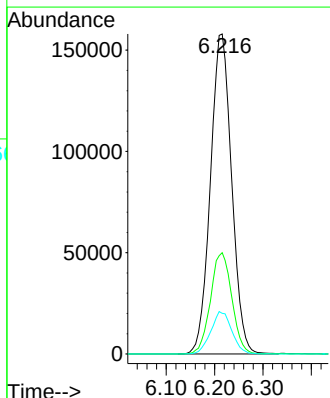
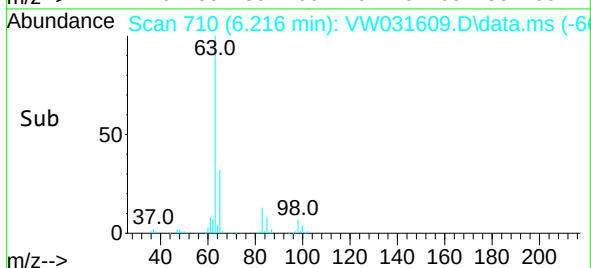
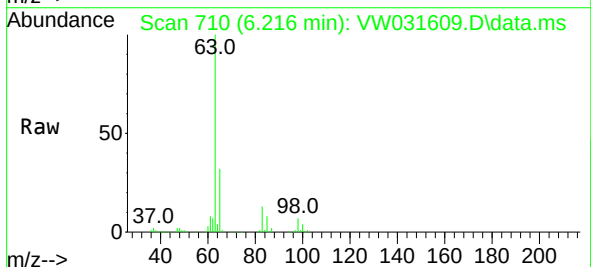


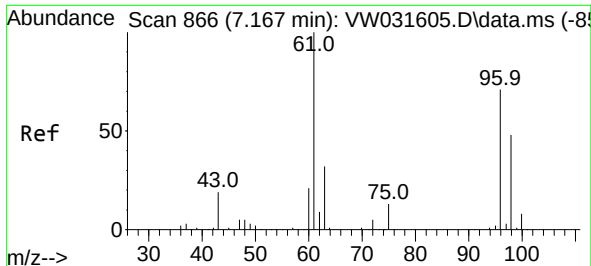
Tgt Ion: 73 Resp: 525705
Ion Ratio Lower Upper
73 100
43 20.3 16.4 24.6
57 22.2 18.2 27.2



#19
1,1-Dichloroethane
Concen: 22.814 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

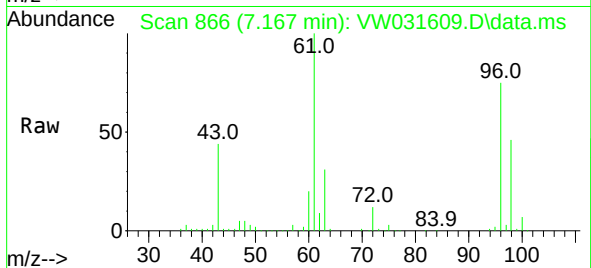
Tgt Ion: 63 Resp: 481432
Ion Ratio Lower Upper
63 100
65 31.7 22.0 41.0
83 12.7 9.0 16.6





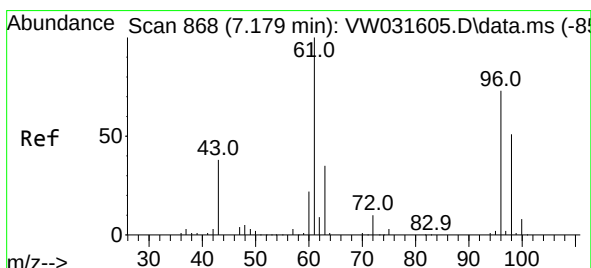
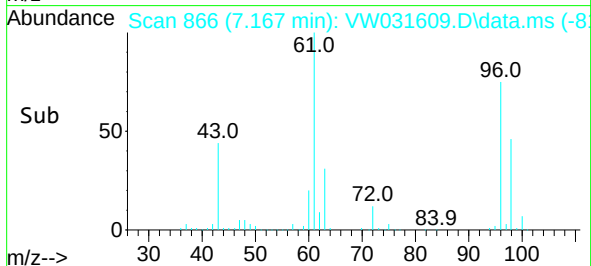
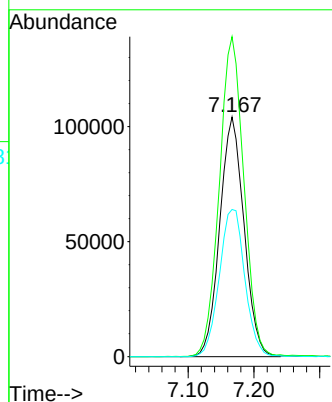
#20
 cis-1,2-Dichloroethene
 Concen: 22.297 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 267027

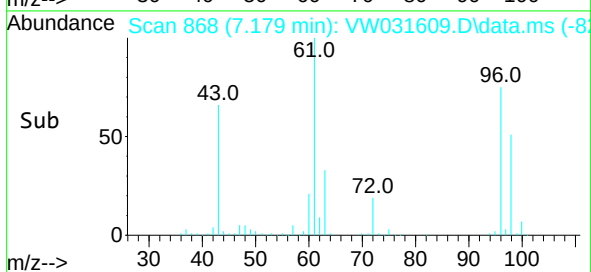
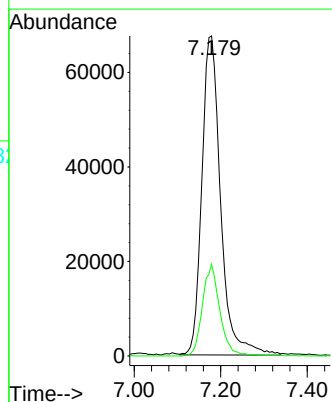
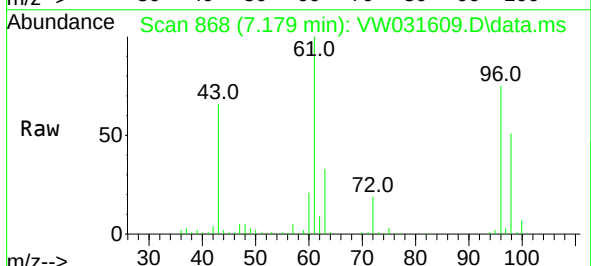
Ion	Ratio	Lower	Upper
96	100		
61	133.5	94.8	176.2
98	61.4	45.6	84.8

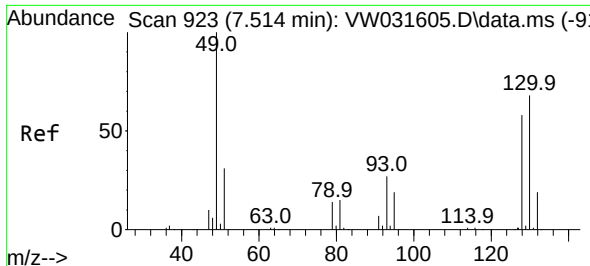


#22
 2-Butanone
 Concen: 78.153 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. -0.006 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

Tgt Ion: 43 Resp: 203363

Ion	Ratio	Lower	Upper
43	100		
72	26.2	13.2	39.5

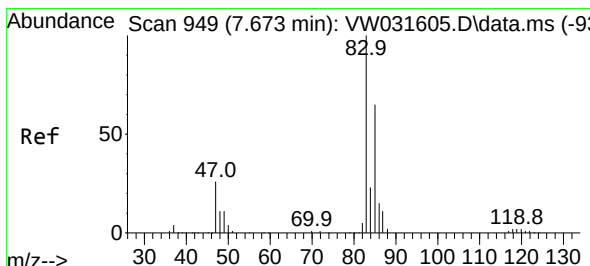
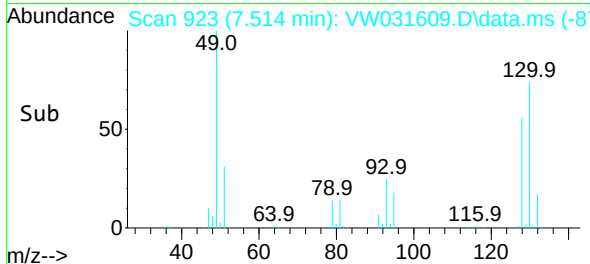
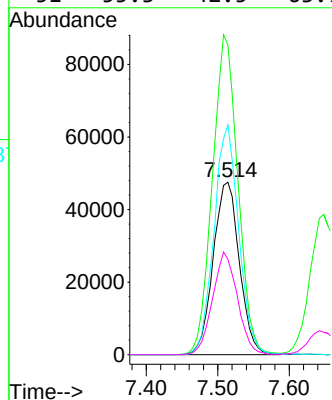
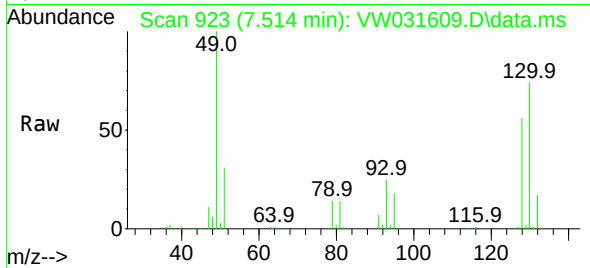




#23
Bromochloromethane
Concen: 25.754 ug/L
RT: 7.514 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

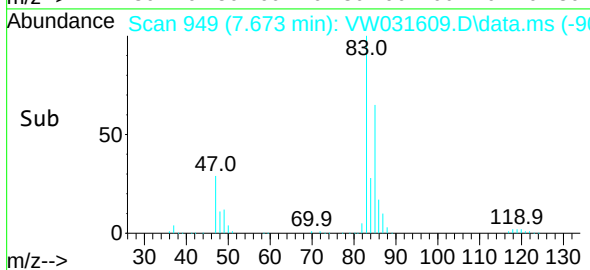
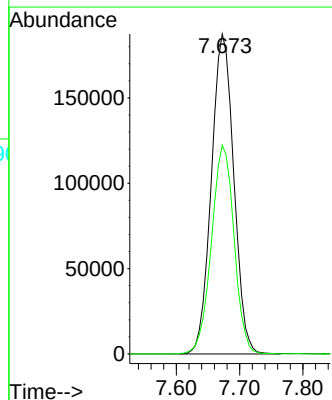
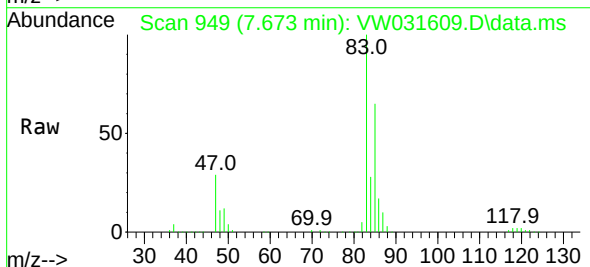
Instrument :
MSVOA_W
ClientSampleId :

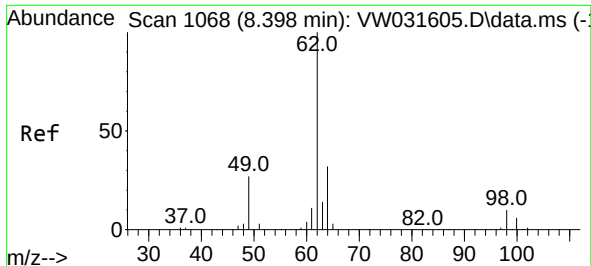
Tgt Ion:128 Resp: 120784
Ion Ratio Lower Upper
128 100
49 179.4 123.9 230.1
130 133.2 88.1 163.7
51 55.3 42.5 63.7



#25
Chloroform
Concen: 22.970 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 83 Resp: 461050
Ion Ratio Lower Upper
83 100
85 65.3 46.2 85.8





#27

1,2-Dichloroethane

Concen: 27.000 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

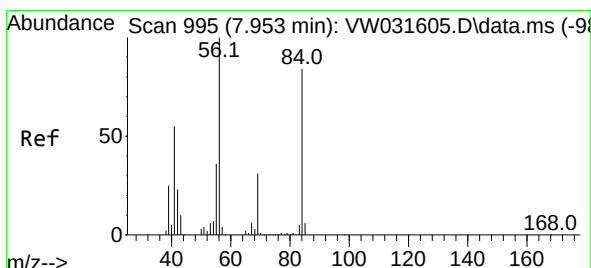
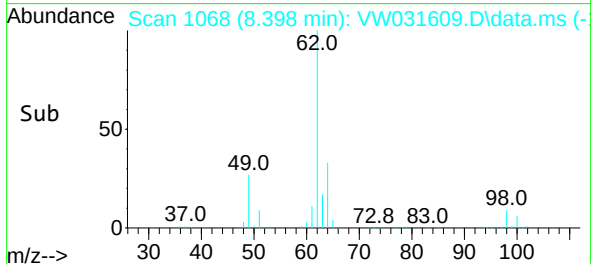
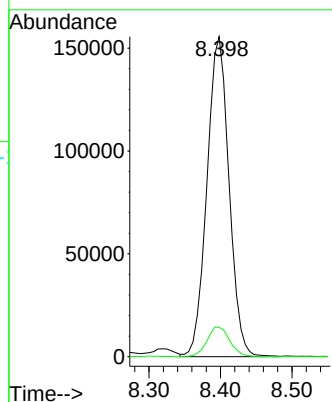
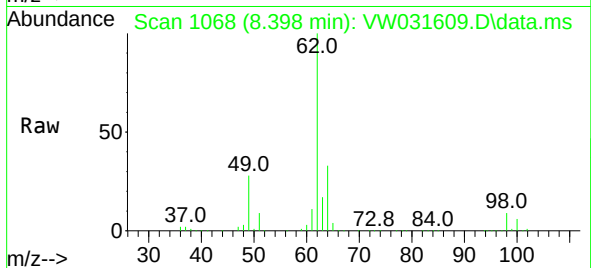
ClientSampleId :

Tgt Ion: 62 Resp: 333791

Ion Ratio Lower Upper

62 100

98 9.2 7.3 10.9



#29

Cyclohexane

Concen: 19.635 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

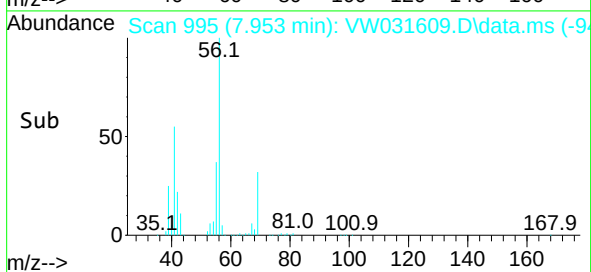
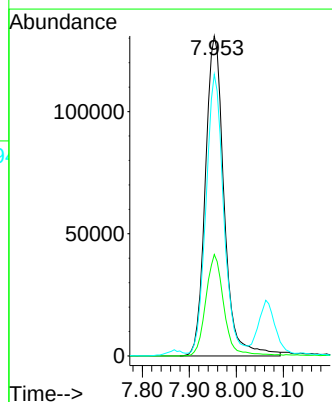
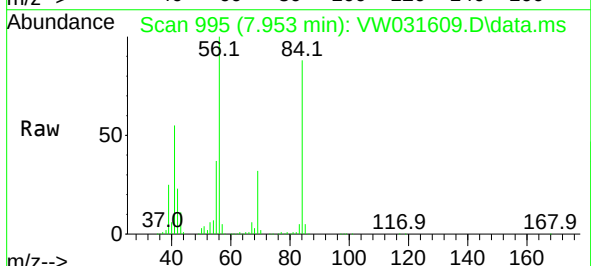
Tgt Ion: 56 Resp: 363099

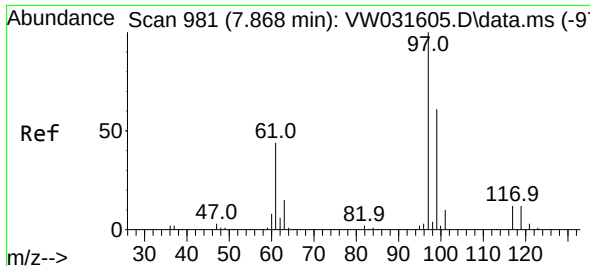
Ion Ratio Lower Upper

56 100

69 30.6 25.2 37.8

84 82.1 66.3 99.5

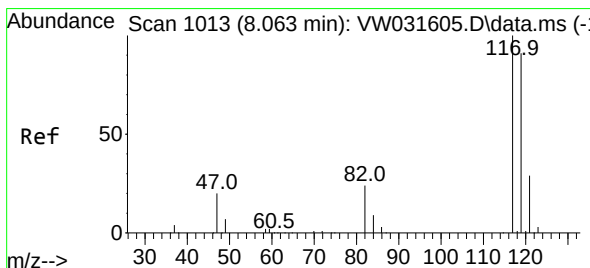
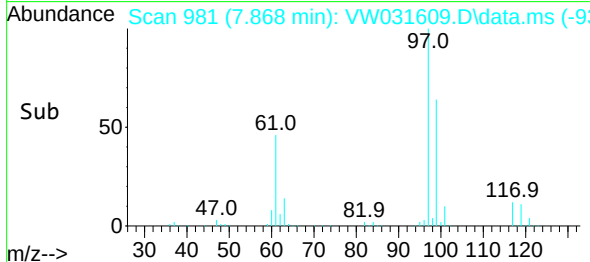
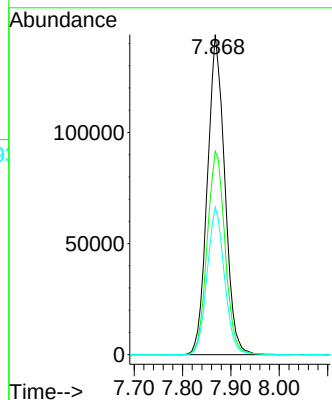
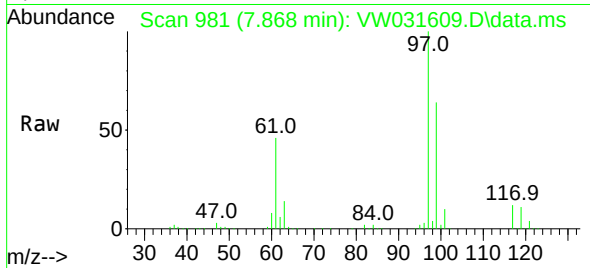




#30
1,1,1-Trichloroethane
Concen: 23.983 ug/L
RT: 7.868 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

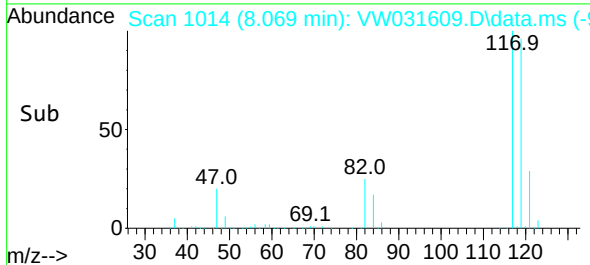
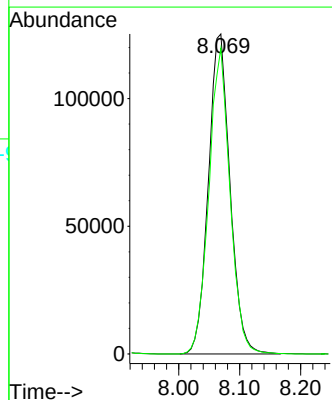
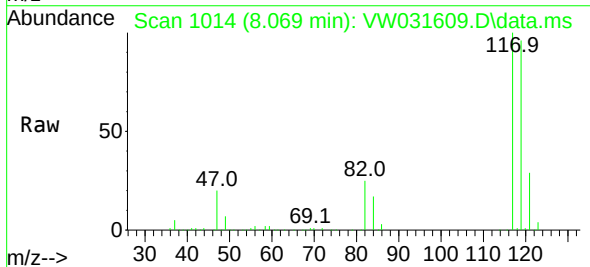
Instrument :
MSVOA_W
ClientSampleId :

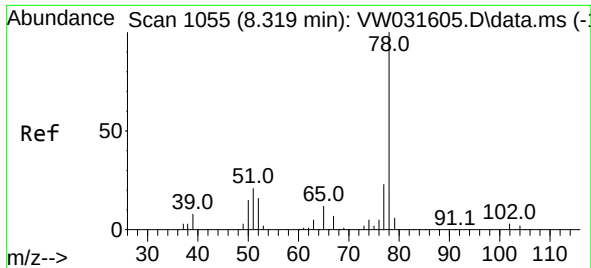
Tgt Ion: 97 Resp: 359198
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.4
61 46.3 36.9 55.3



#31
Carbon tetrachloride
Concen: 23.299 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 117 Resp: 309389
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.0

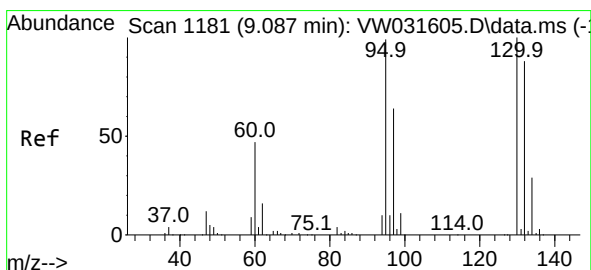
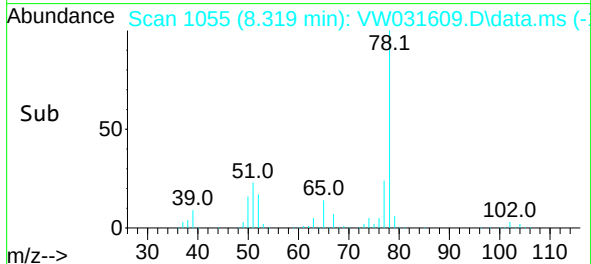
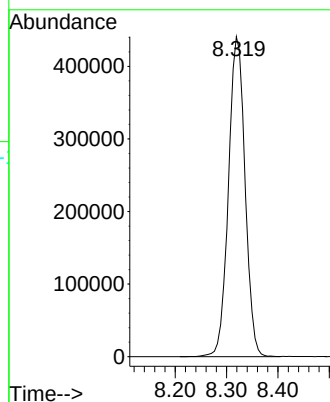
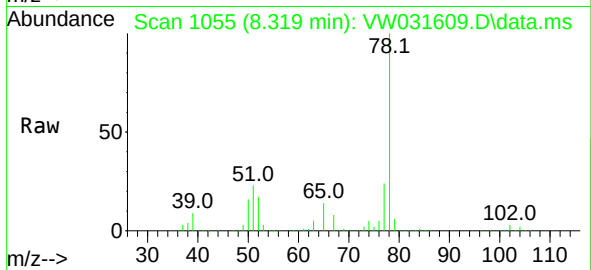




#33
Benzene
Concen: 25.064 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :

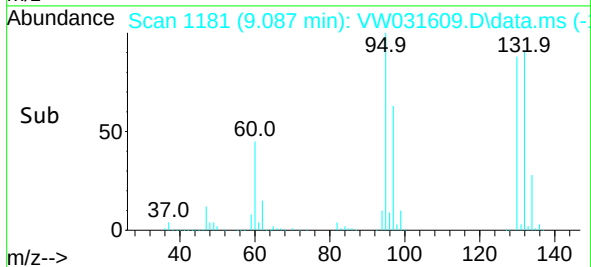
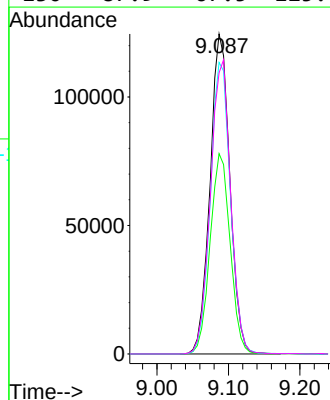
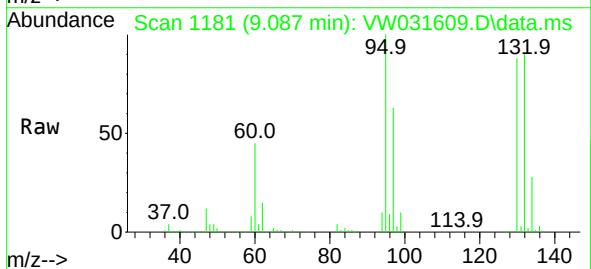
Tgt Ion: 78 Resp: 989723

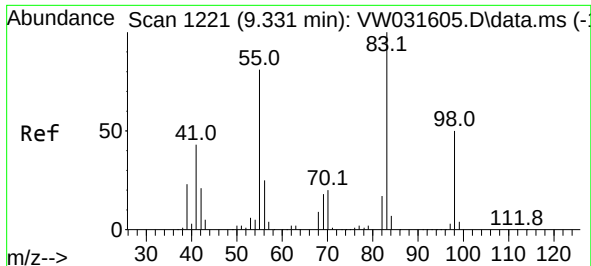


#34
Trichloroethene
Concen: 22.605 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 95 Resp: 239980

Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.0	81.6
132	91.1	64.6	120.0
130	87.9	67.5	125.4





#35

Methylcyclohexane

Concen: 14.730 ug/L

RT: 9.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

ClientSampleId :

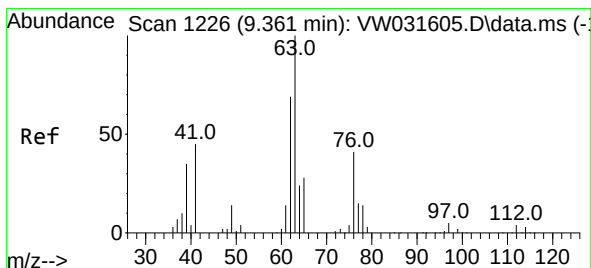
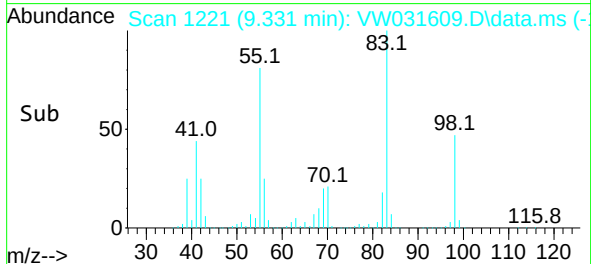
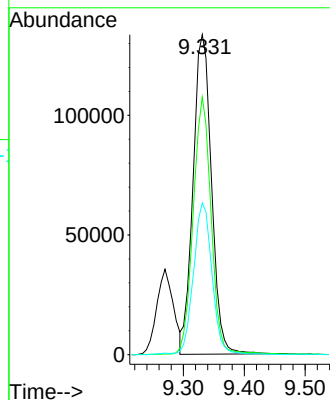
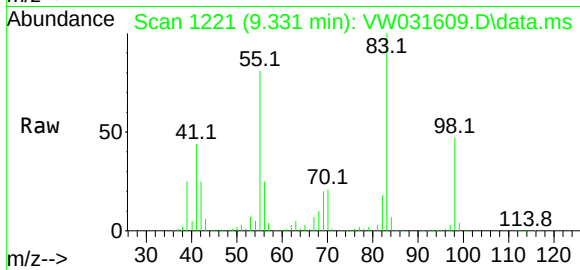
Tgt Ion: 83 Resp: 280370

Ion Ratio Lower Upper

83 100

55 77.9 63.4 95.2

98 47.5 38.8 58.2



#37

1,2-Dichloropropane

Concen: 27.212 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031609.D

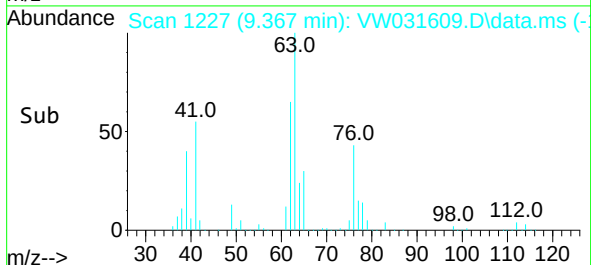
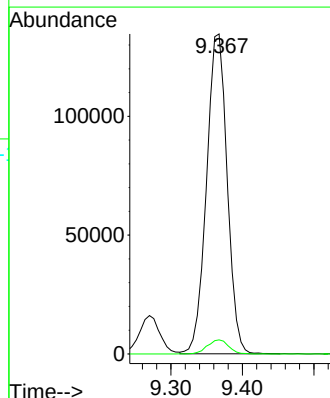
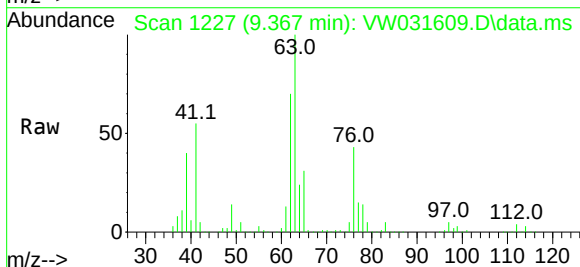
Acq: 28 Jan 2025 11:26

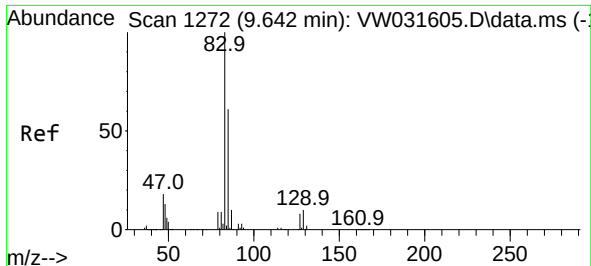
Tgt Ion: 63 Resp: 270071

Ion Ratio Lower Upper

63 100

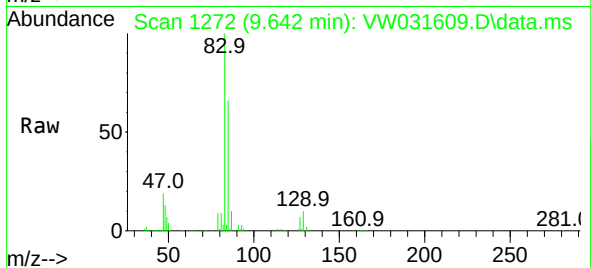
112 4.5 3.6 5.4



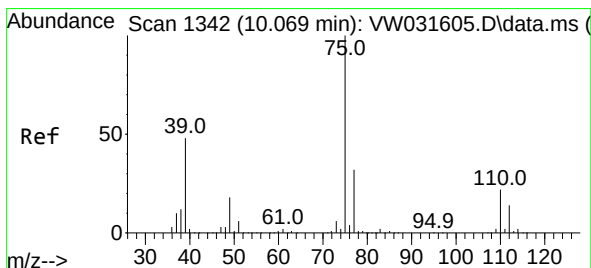
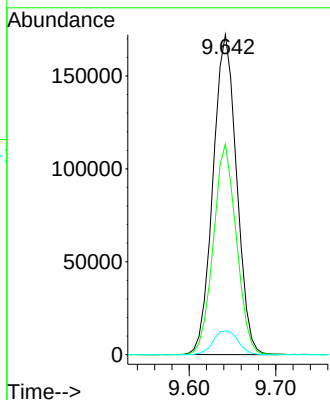
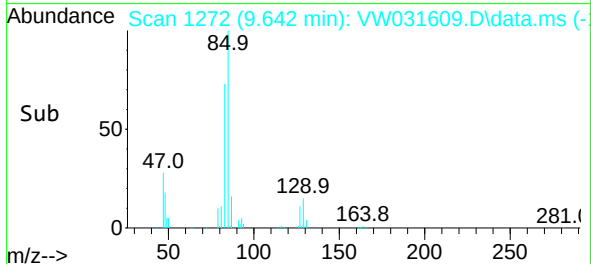


#38
Bromodichloromethane
Concen: 27.166 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :

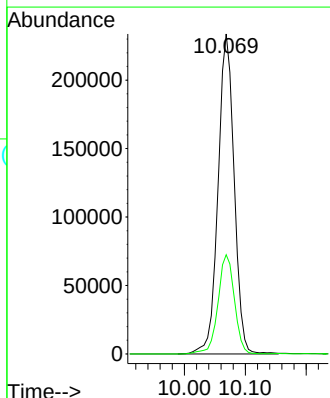
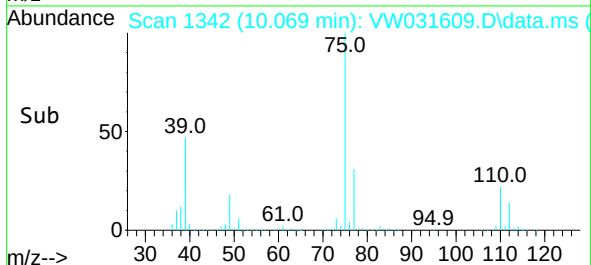
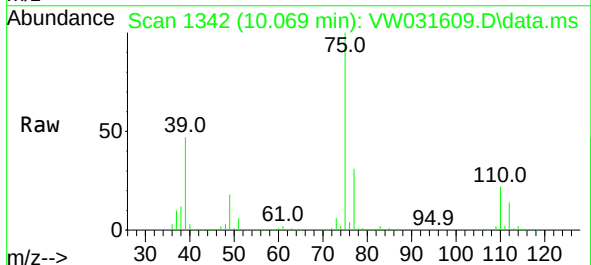


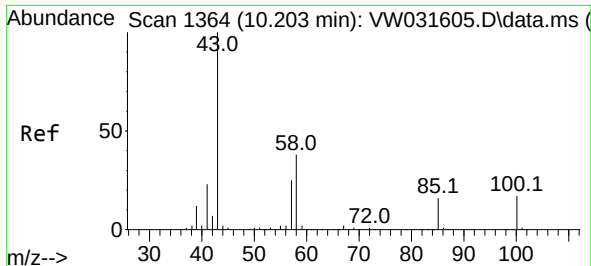
Tgt Ion: 83 Resp: 326137
Ion Ratio Lower Upper
83 100
85 65.8 43.8 81.3
127 7.4 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 27.511 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 75 Resp: 429513
Ion Ratio Lower Upper
75 100
77 31.0 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 94.546 ug/L

RT: 10.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

ClientSampleId :

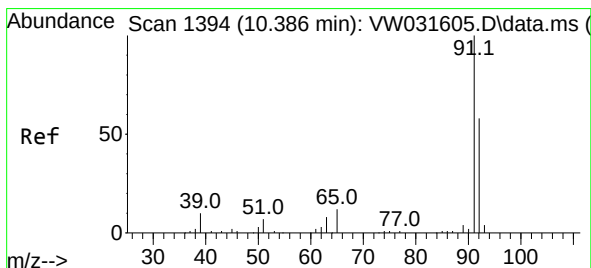
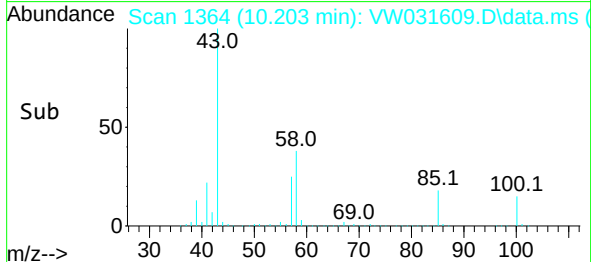
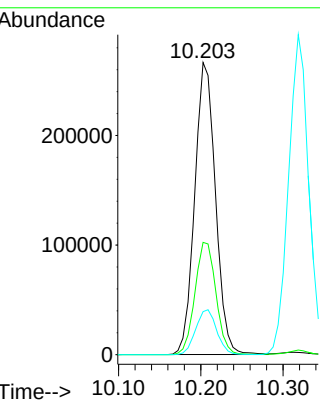
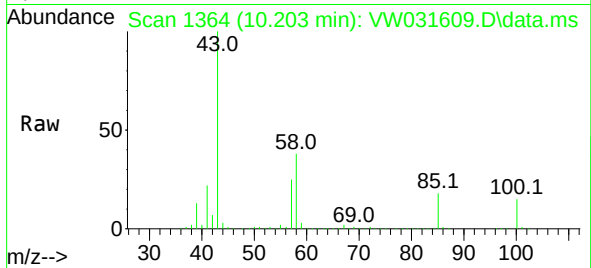
Tgt Ion: 43 Resp: 468370

Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.2

100 15.7 12.3 18.5



#42

Toluene

Concen: 22.854 ug/L

RT: 10.379 min Scan# 1393

Delta R.T. -0.006 min

Lab File: VW031609.D

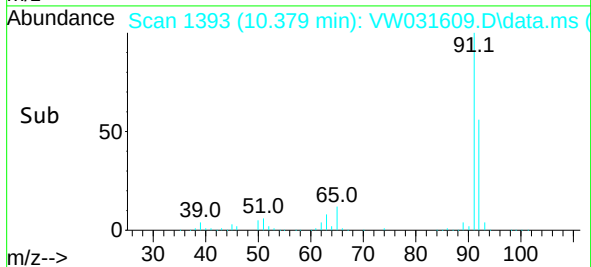
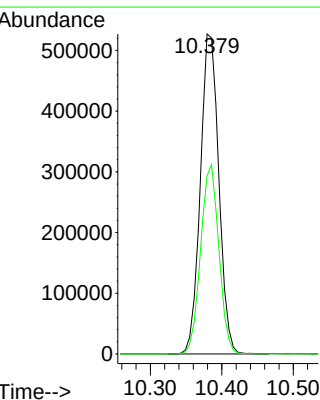
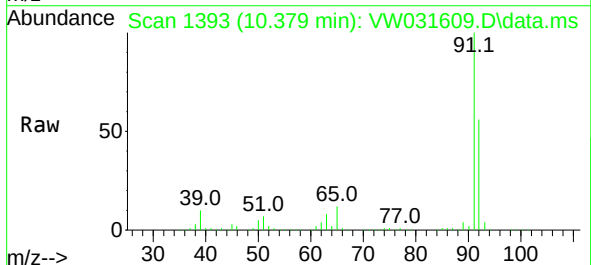
Acq: 28 Jan 2025 11:26

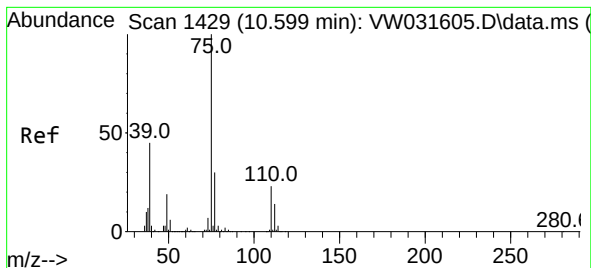
Tgt Ion: 91 Resp: 943335

Ion Ratio Lower Upper

91 100

92 55.7 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 28.730 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

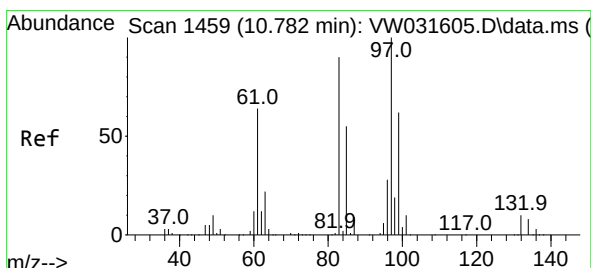
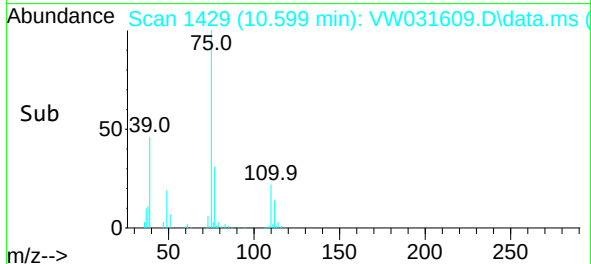
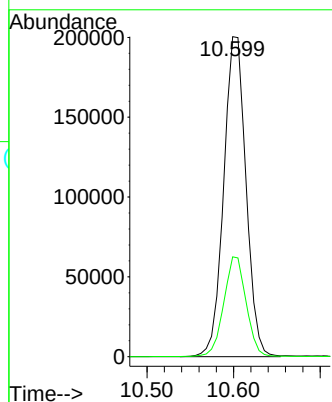
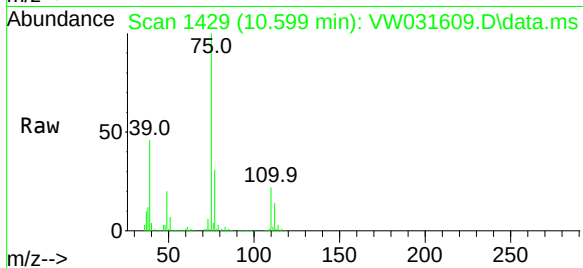
ClientSampleId :

Tgt Ion: 75 Resp: 358528

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 32.855 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Tgt Ion: 97 Resp: 209010

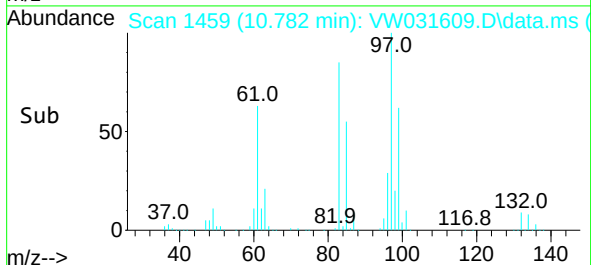
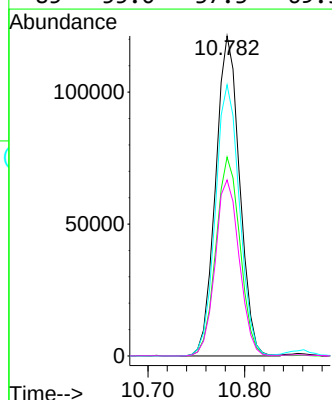
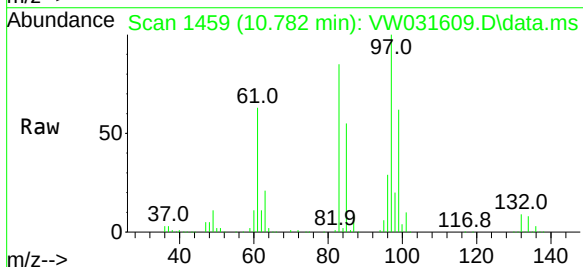
Ion Ratio Lower Upper

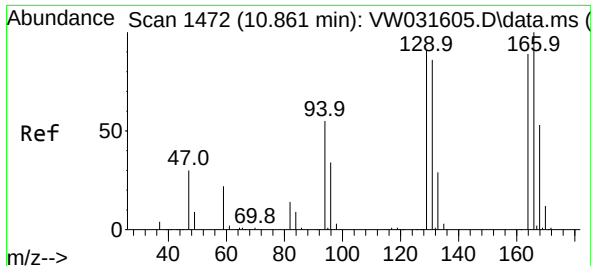
97 100

99 62.2 42.6 79.2

83 84.8 59.6 110.8

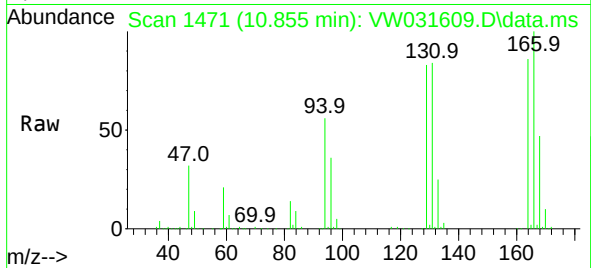
85 55.0 37.3 69.3





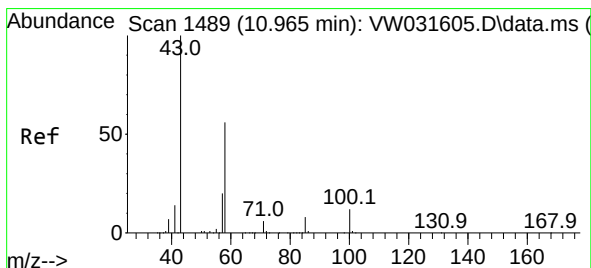
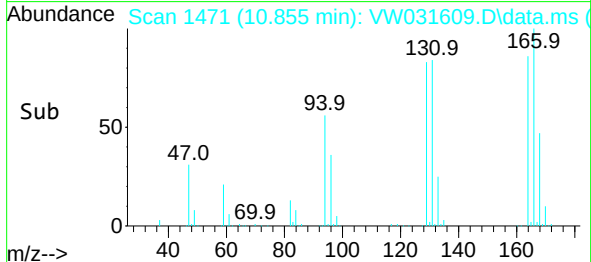
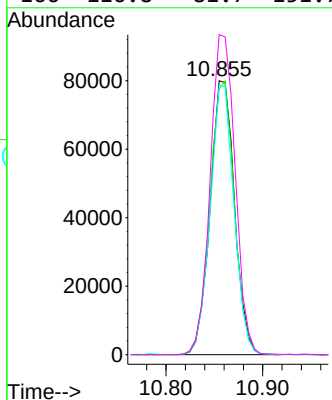
#46
Tetrachloroethene
Concen: 18.383 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 140050

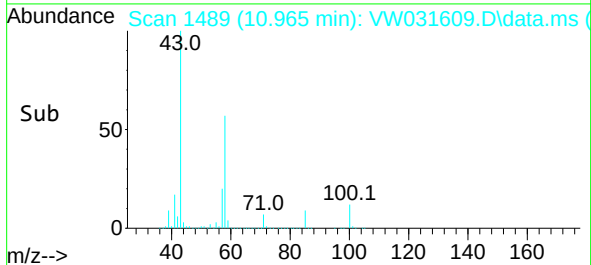
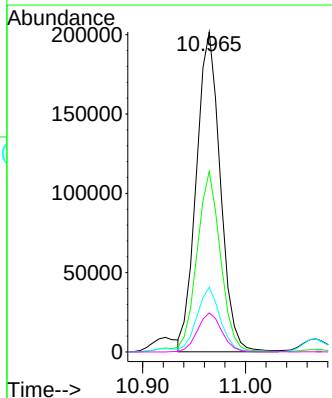
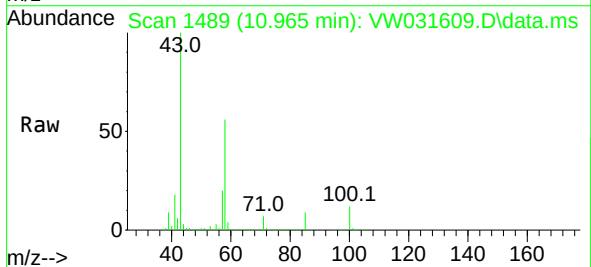
Ion	Ratio	Lower	Upper
164	100		
129	96.9	69.8	129.6
131	98.2	63.1	117.1
166	116.8	81.7	151.7

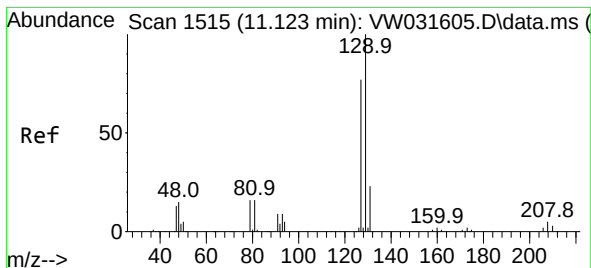


#48
2-Hexanone
Concen: 108.035 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 43 Resp: 327052

Ion	Ratio	Lower	Upper
43	100		
58	55.4	44.8	67.2
57	19.6	15.6	23.4
100	12.4	9.3	13.9





#49

Dibromochloromethane

Concen: 28.637 ug/L

RT: 11.129 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

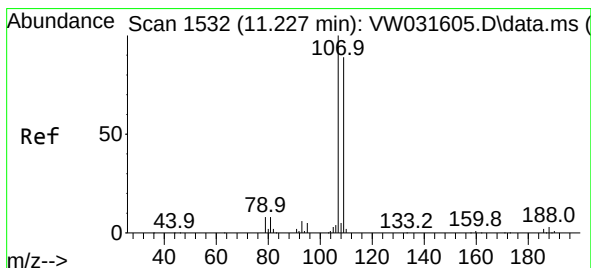
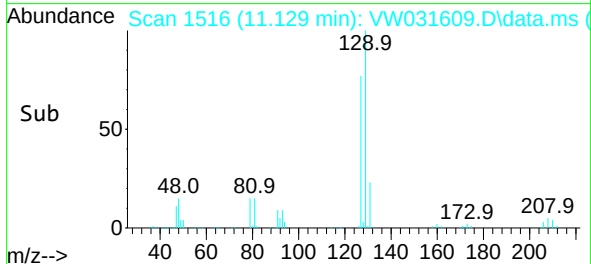
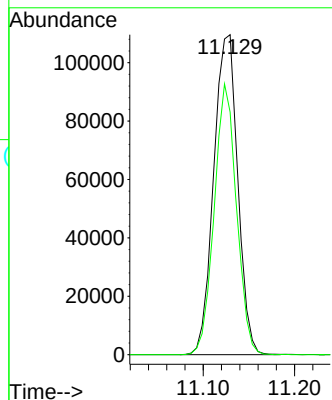
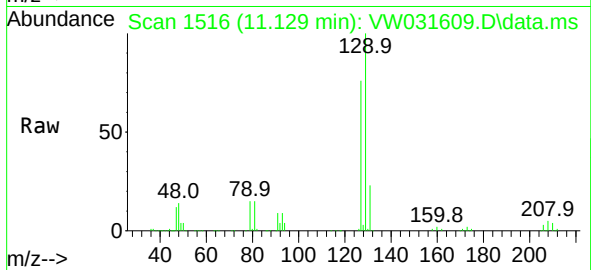
ClientSampleId :

Tgt Ion:129 Resp: 200445

Ion Ratio Lower Upper

129 100

127 75.8 53.0 98.4



#50

1,2-Dibromoethane

Concen: 33.459 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

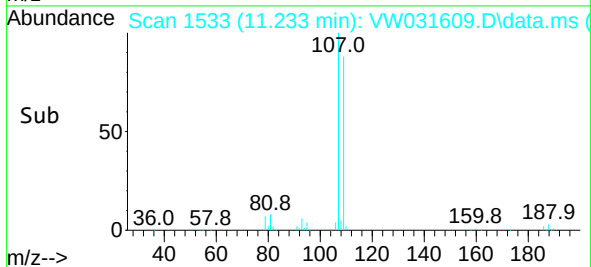
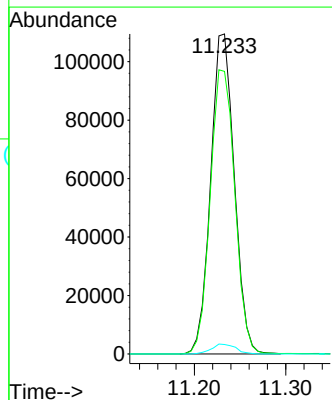
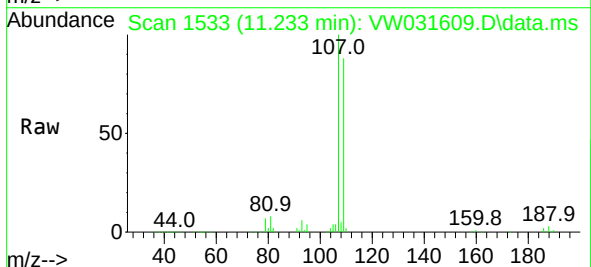
Tgt Ion:107 Resp: 197272

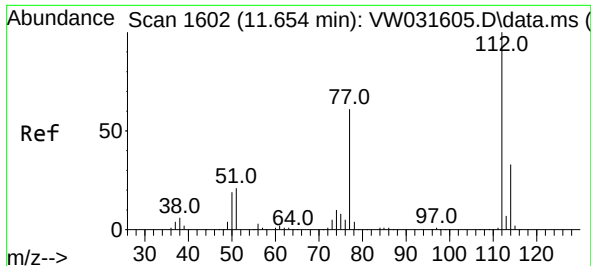
Ion Ratio Lower Upper

107 100

109 88.3 63.8 118.4

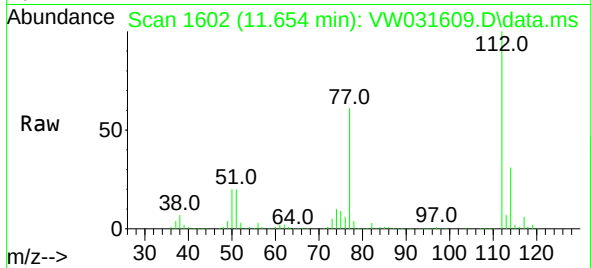
188 3.0 2.6 3.8



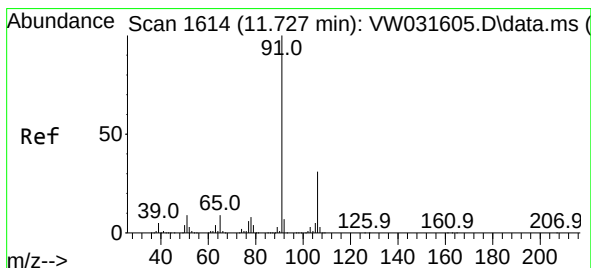
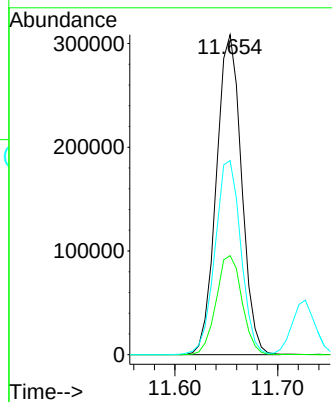
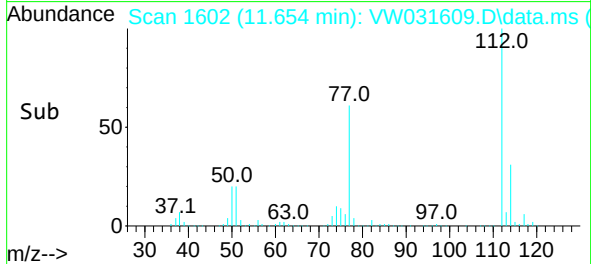


#51
Chlorobenzene
Concen: 20.590 ug/L
RT: 11.654 min Scan# 11602
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :

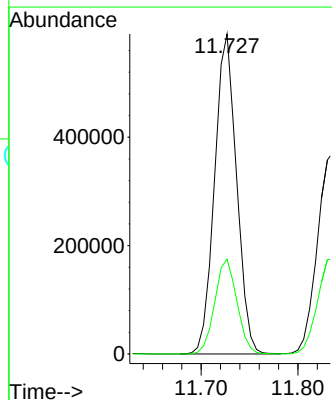
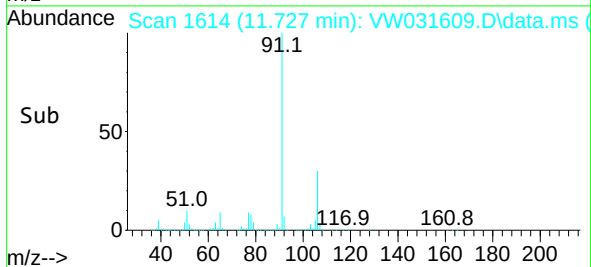
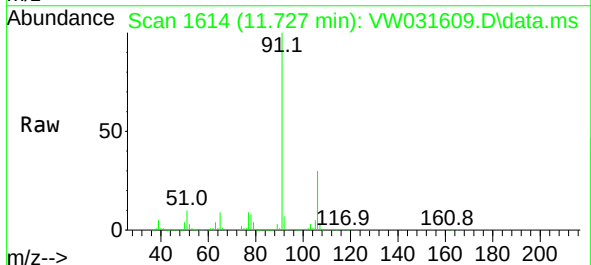


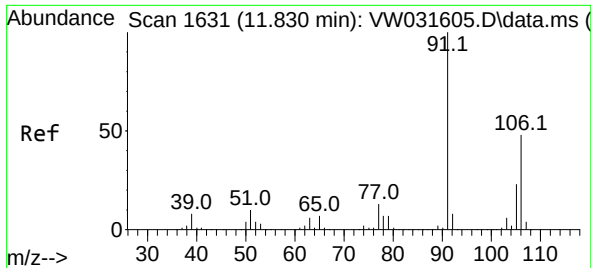
Tgt Ion:112 Resp: 524814
Ion Ratio Lower Upper
112 100
114 31.0 22.0 40.8
77 60.7 49.0 73.4



#52
Ethylbenzene
Concen: 19.668 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 91 Resp: 931486
Ion Ratio Lower Upper
91 100
106 29.6 22.3 41.3

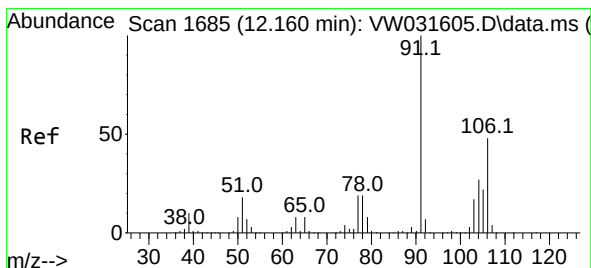
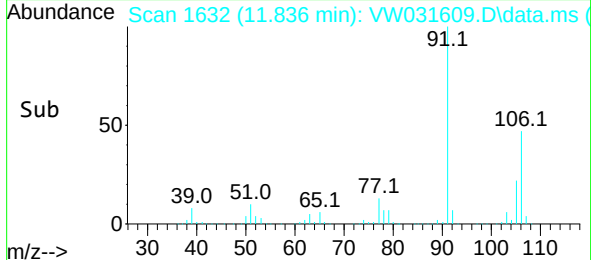
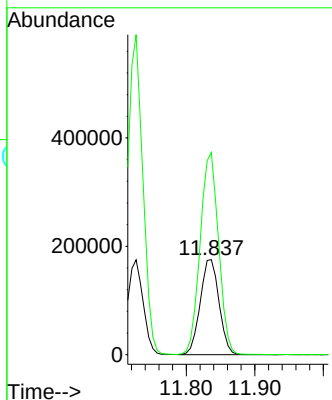
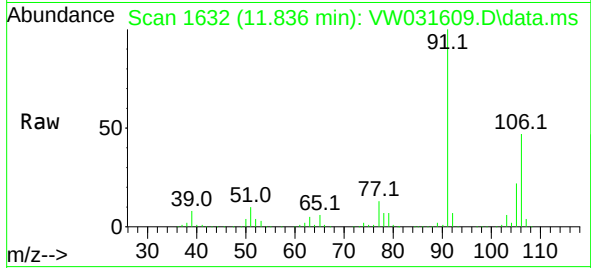




#53
m,p-Xylene
Concen: 18.610 ug/L
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

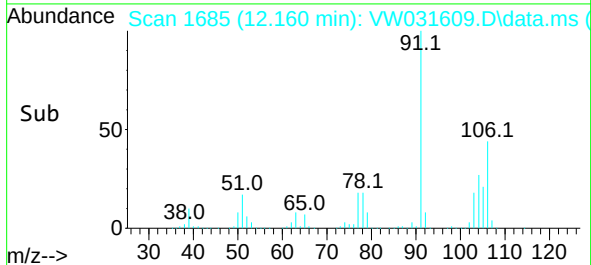
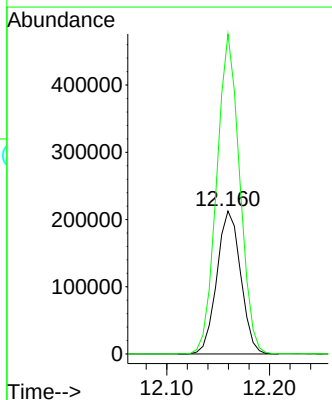
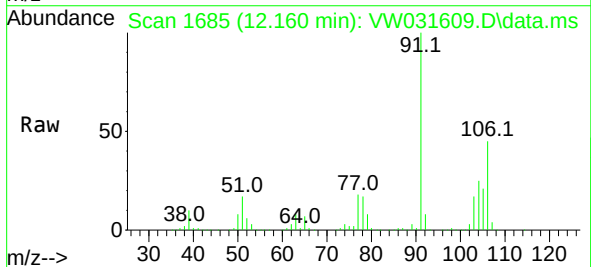
Instrument :
MSVOA_W
ClientSampleId :

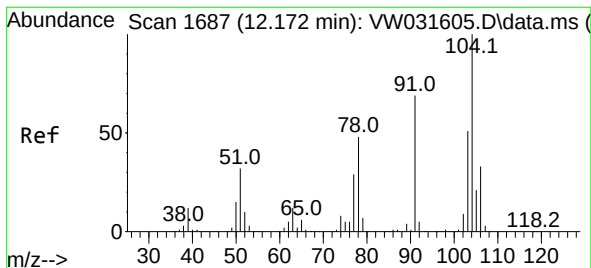
Tgt Ion:106 Resp: 336065
Ion Ratio Lower Upper
106 100
91 212.8 145.9 270.9



#54
o-Xylene
Concen: 20.356 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion:106 Resp: 341623
Ion Ratio Lower Upper
106 100
91 224.0 152.9 284.1





#55

Styrene

Concen: 19.451 ug/L

RT: 12.172 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

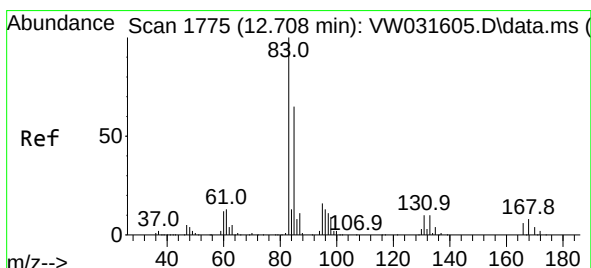
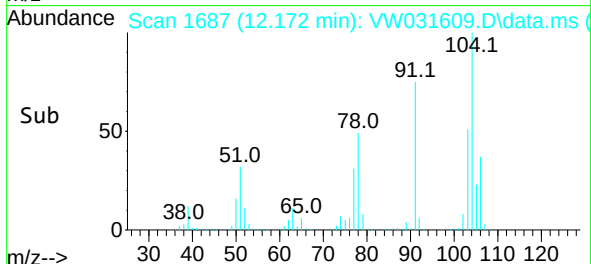
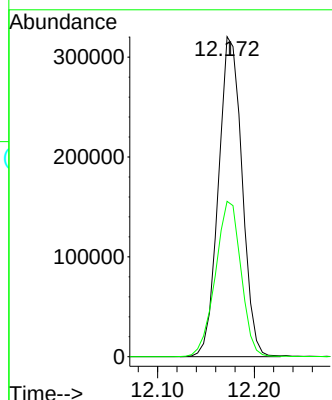
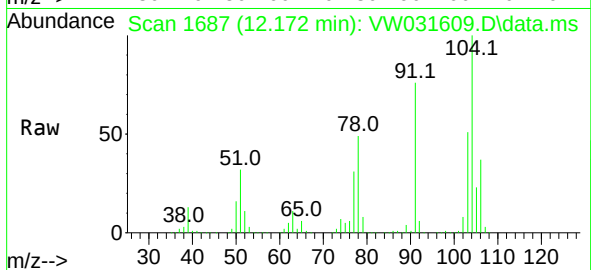
ClientSampleId :

Tgt Ion:104 Resp: 543180

Ion Ratio Lower Upper

104 100

78 48.6 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 35.112 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

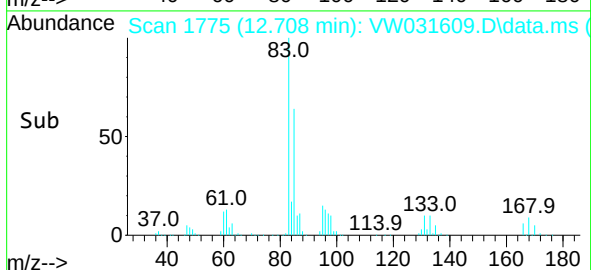
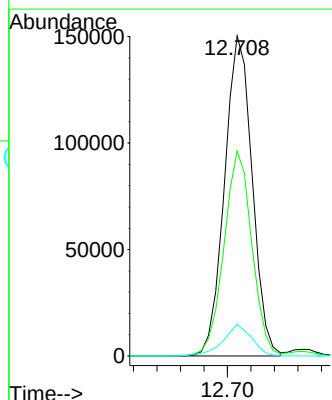
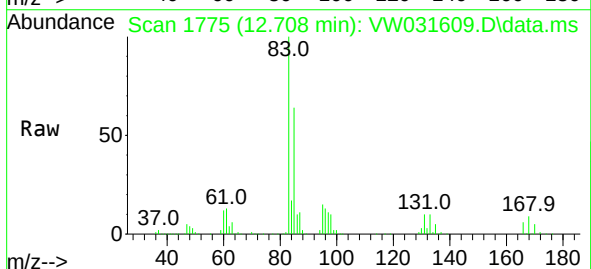
Tgt Ion: 83 Resp: 245439

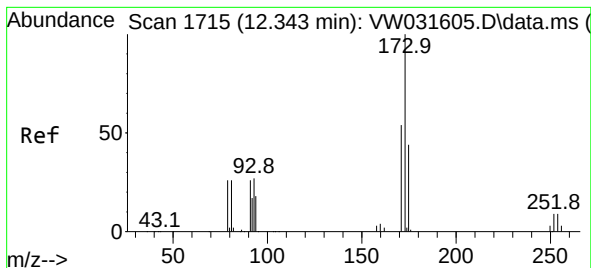
Ion Ratio Lower Upper

83 100

85 64.0 44.1 81.9

131 9.9 7.4 11.0





#59

Bromoform

Concen: 44.076 ug/L

RT: 12.342 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

ClientSampleId :

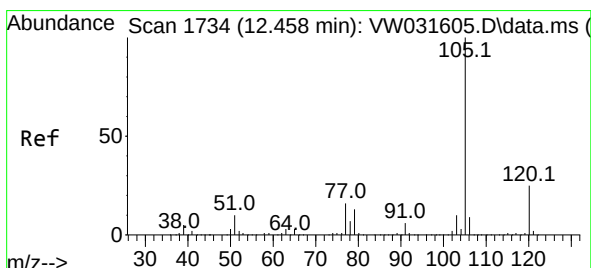
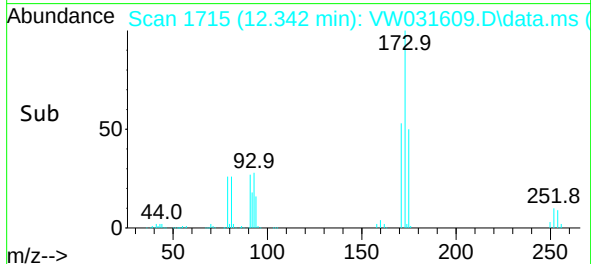
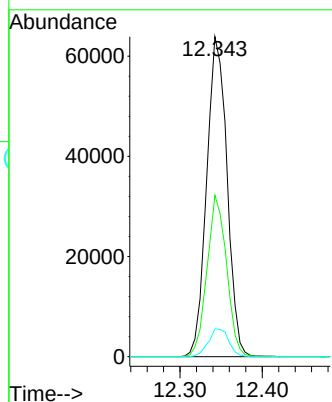
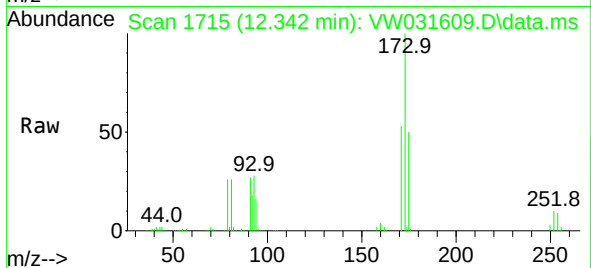
Tgt Ion:173 Resp: 110138

Ion Ratio Lower Upper

173 100

175 48.4 37.7 56.5

254 8.7 7.1 10.7



#60

Isopropylbenzene

Concen: 24.054 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

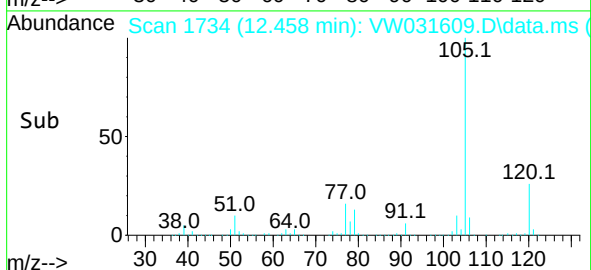
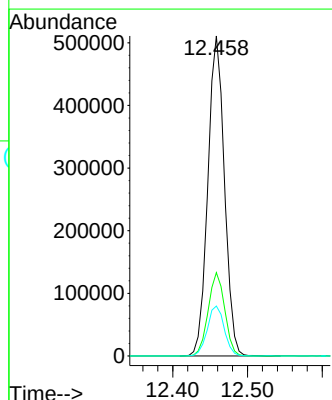
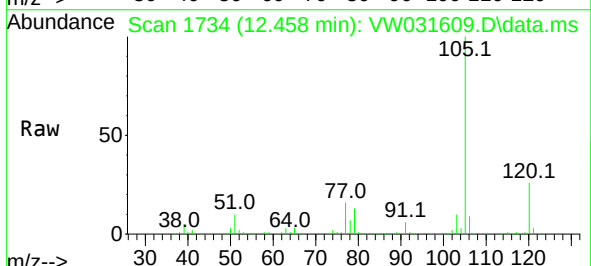
Tgt Ion:105 Resp: 787996

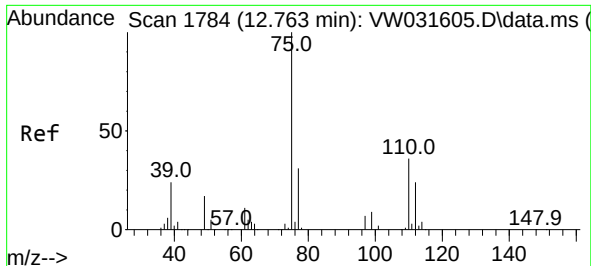
Ion Ratio Lower Upper

105 100

120 26.0 20.1 30.1

77 16.0 12.7 19.1





#61

1,2,3-Trichloropropane

Concen: 55.172 ug/L

RT: 12.763 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

ClientSampleId :

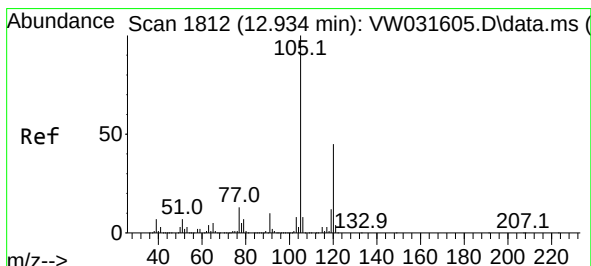
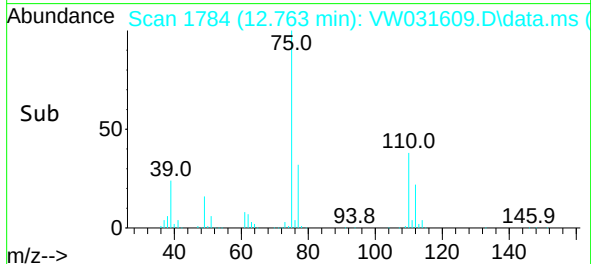
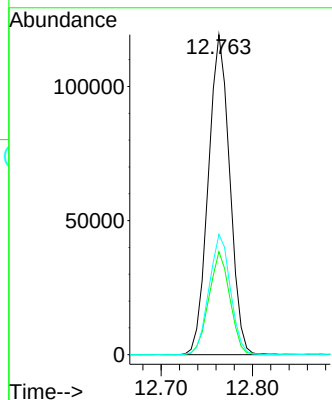
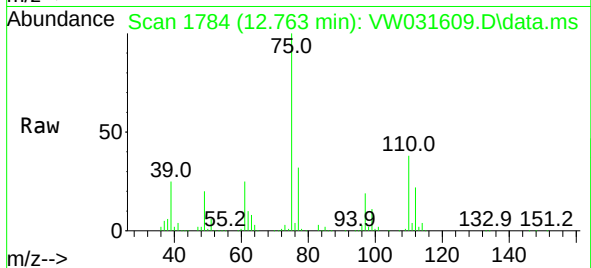
Tgt Ion: 75 Resp: 194294

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

110 37.4 29.6 44.4



#62

1,3,5-Trimethylbenzene

Concen: 21.708 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW031609.D

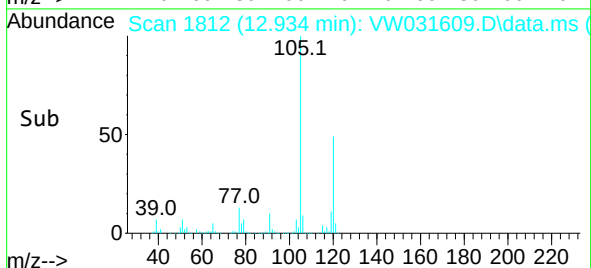
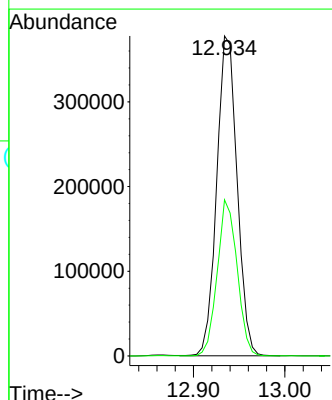
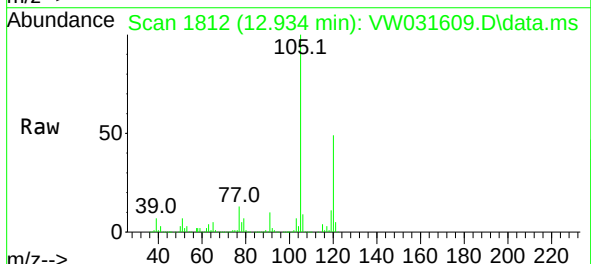
Acq: 28 Jan 2025 11:26

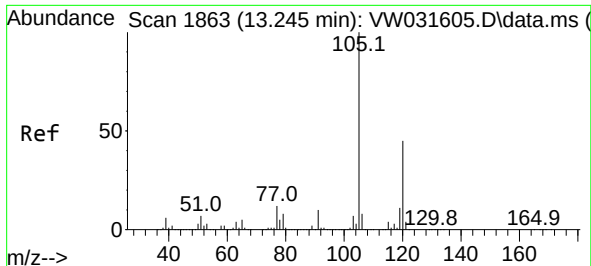
Tgt Ion:105 Resp: 585564

Ion Ratio Lower Upper

105 100

120 47.5 37.6 56.4

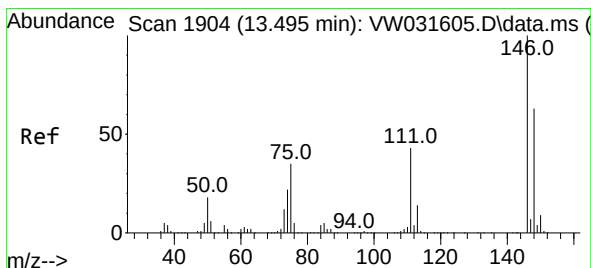
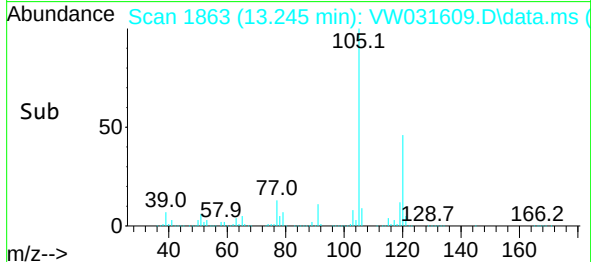
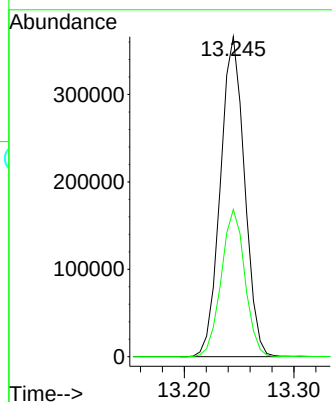
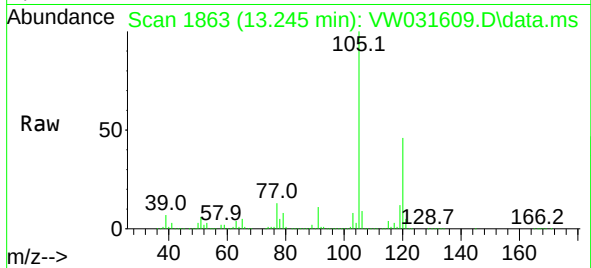




#63
1,2,4-Trimethylbenzene
Concen: 21.314 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

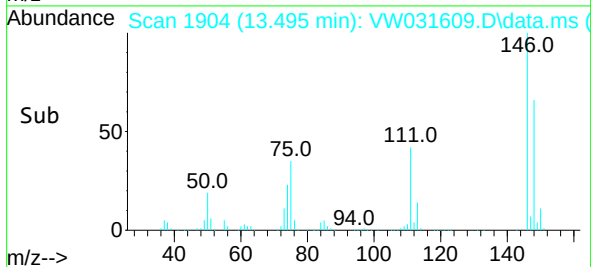
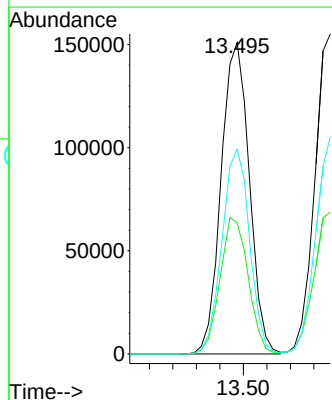
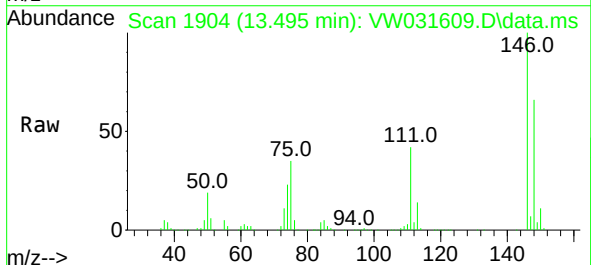
Instrument :
MSVOA_W
ClientSampleId :

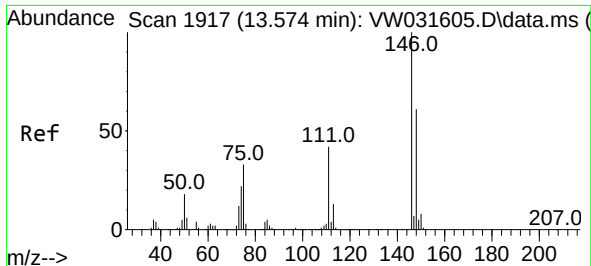
Tgt Ion:105 Resp: 559572
Ion Ratio Lower Upper
105 100
120 45.1 36.3 54.5



#64
1,3-Dichlorobenzene
Concen: 19.346 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

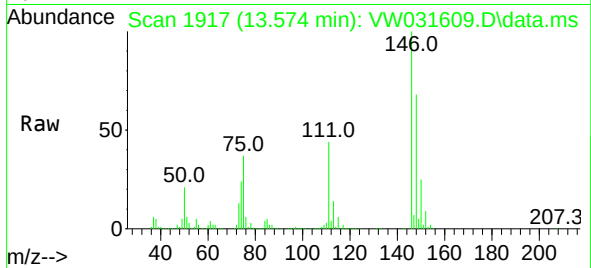
Tgt Ion:146 Resp: 251362
Ion Ratio Lower Upper
146 100
111 42.1 30.4 56.5
148 65.8 42.1 78.1



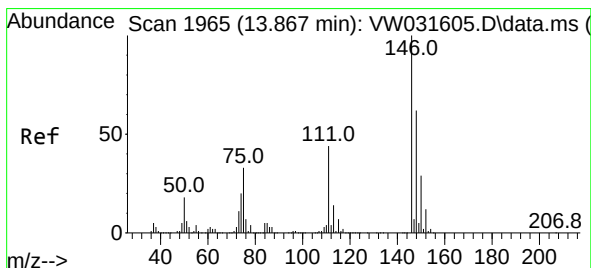
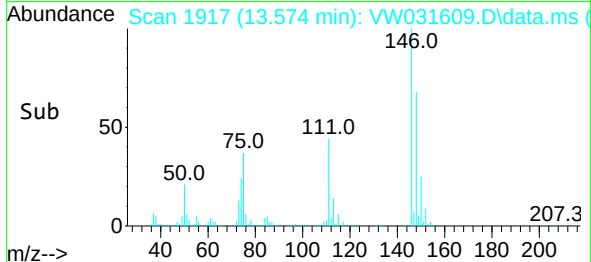
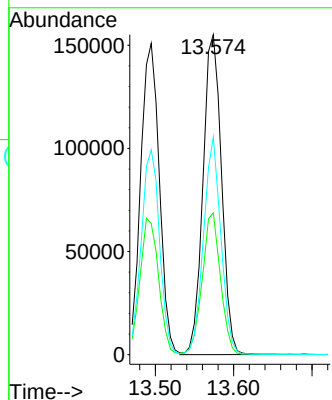


#65
1,4-Dichlorobenzene
Concen: 19.806 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Instrument :
MSVOA_W
ClientSampleId :

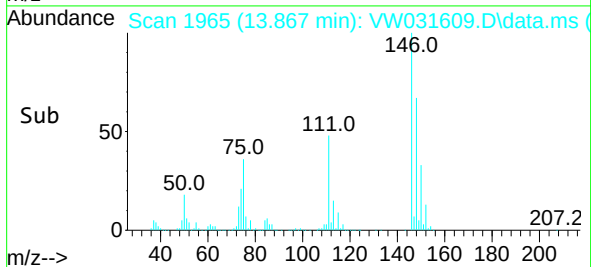
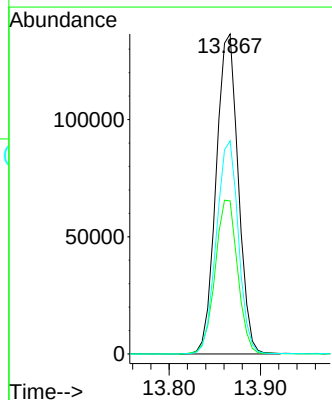
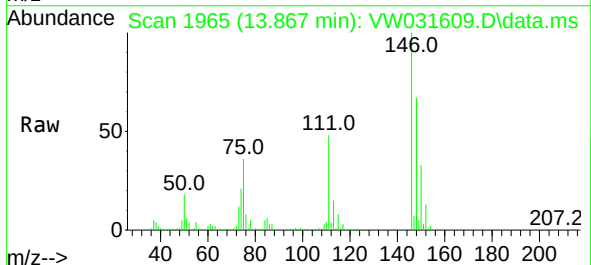


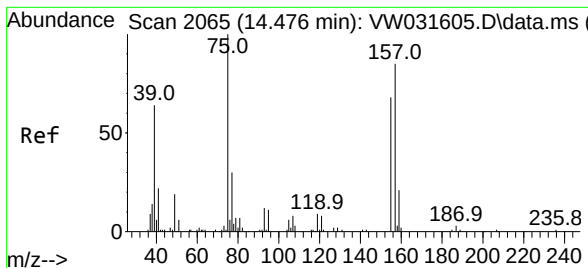
Tgt Ion:146 Resp: 254526
Ion Ratio Lower Upper
146 100
111 44.4 28.5 52.9
148 67.9 45.4 84.4



#67
1,2-Dichlorobenzene
Concen: 20.703 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion:146 Resp: 229714
Ion Ratio Lower Upper
146 100
111 47.9 36.6 55.0
148 66.6 51.0 76.4

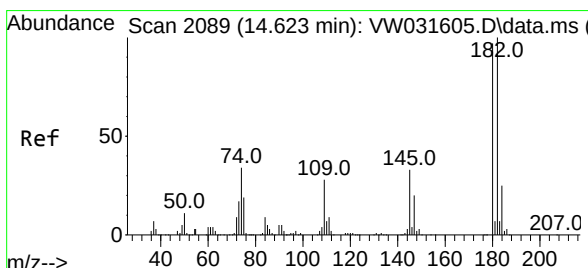
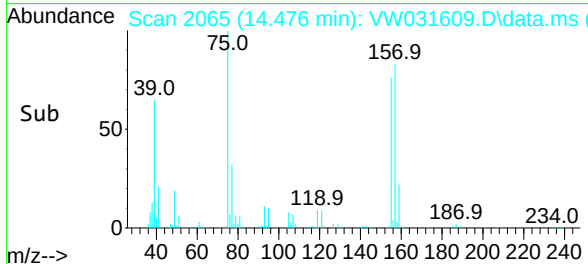
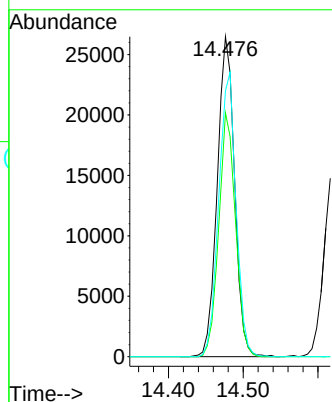
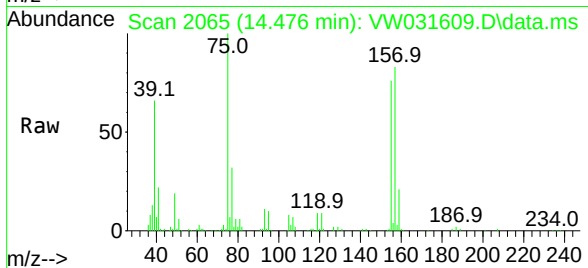




#68
1,2-Dibromo-3-chloropropane
Concen: 54.204 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

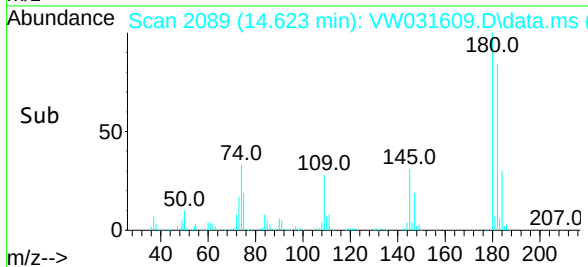
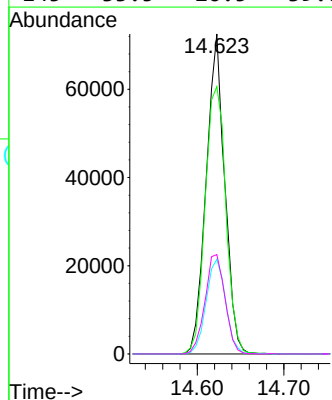
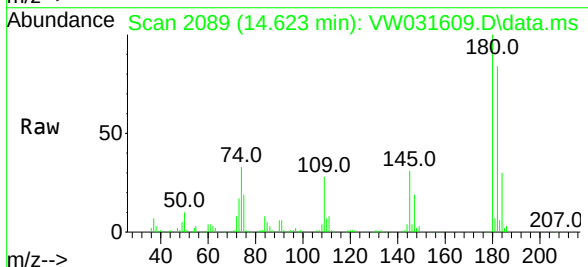
Instrument :
MSVOA_W
ClientSampleId :

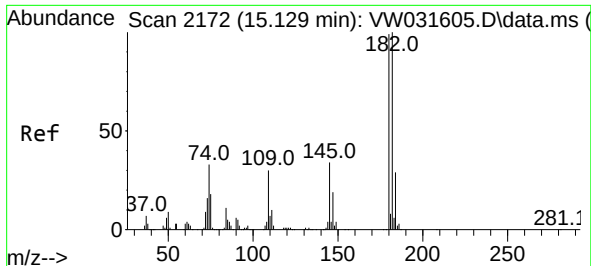
Tgt Ion: 75 Resp: 42676
Ion Ratio Lower Upper
75 100
155 76.2 51.0 76.4
157 83.1 70.2 105.2



#69
1,3,5-Trichlorobenzene
Concen: 12.261 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW031609.D
Acq: 28 Jan 2025 11:26

Tgt Ion: 180 Resp: 107959
Ion Ratio Lower Upper
180 100
182 93.5 74.2 111.4
184 31.1 23.0 34.4
145 33.5 26.5 39.7





#70

1,2,4-trichlorobenzene

Concen: 12.223 ug/L

RT: 15.122 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

Instrument :

MSVOA_W

ClientSampleId :

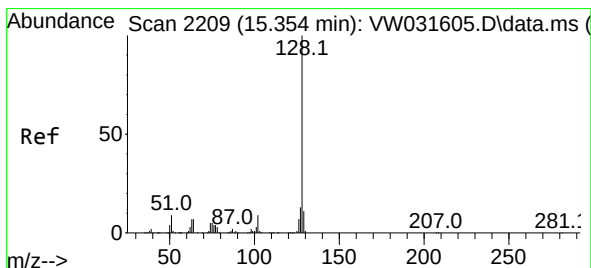
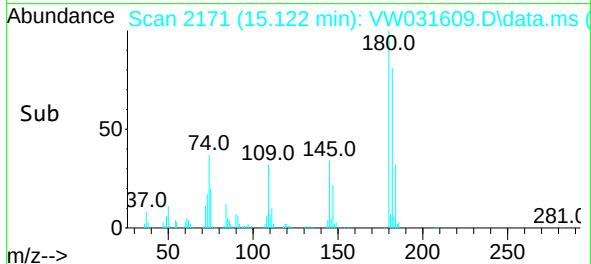
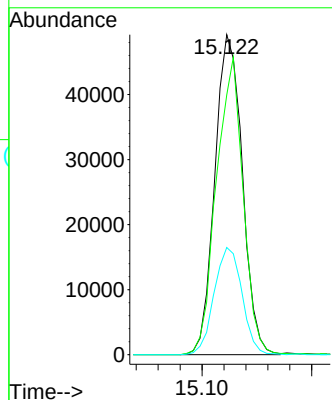
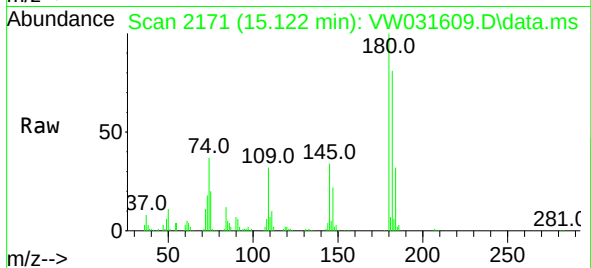
Tgt Ion:180 Resp: 85724

Ion Ratio Lower Upper

180 100

182 90.4 77.7 116.5

145 34.0 26.6 39.8



#71

Naphthalene

Concen: 22.257 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031609.D

Acq: 28 Jan 2025 11:26

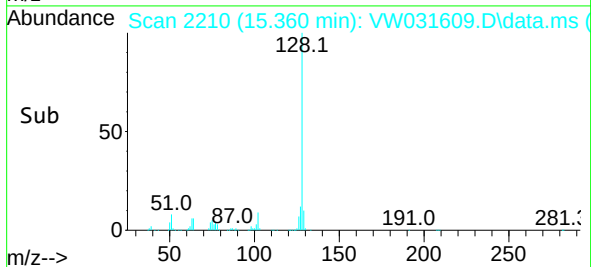
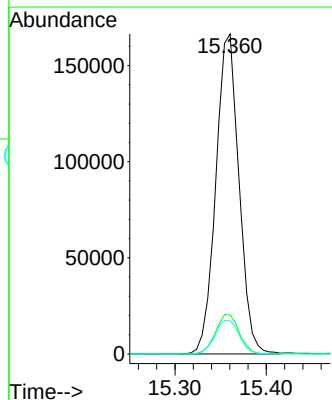
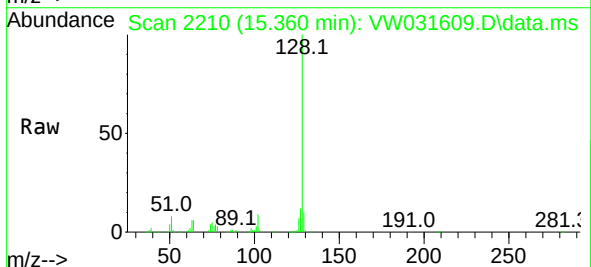
Tgt Ion:128 Resp: 292703

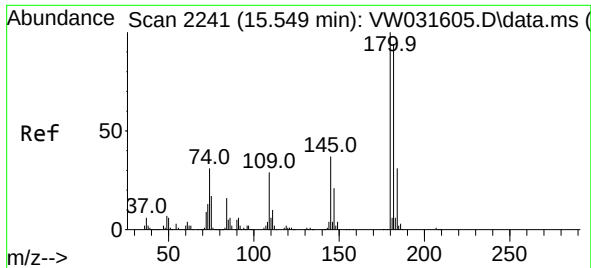
Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

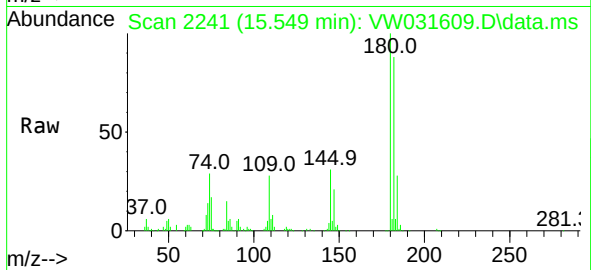
129 11.0 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 12.192 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031609.D
 Acq: 28 Jan 2025 11:26

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	72018
Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.9	115.3
145	36.6	30.1	45.1

