

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031610.D
 Acq On : 28 Jan 2025 11:50
 Operator : SY/MD
 Sample : Q1190-07MSD
 Misc : 5.73g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 07:32:55 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	795922	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	578674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	178435	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	181088	14.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.000%
7) Chloroethane-d5	2.893	69	152013	17.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.160%
11) 1,1-Dichloroethene-d2	4.021	65	92002	16.556	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.240%
21) 2-Butanone-d5	7.081	46	156656	78.028	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.060%#
24) Chloroform-d	7.648	84	444392	21.574	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.280%
26) 1,2-Dichloroethane-d4	8.300	65	251687	24.825	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.280%
32) Benzene-d6	8.270	84	864507	23.784	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.270	67	284040	26.466	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.880%
41) Toluene-d8	10.318	98	709500	21.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	10.574	79	118779	26.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.800%
47) 2-Hexanone-d5	10.922	63	111019	101.367	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	202.740%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	223834	34.105	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.400%#
66) 1,2-Dichlorobenzene-d4	13.848	152	129707	20.725	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	165121	15.950	ug/L	99
3) Chloromethane	2.222	50	192884	17.977	ug/L	98
5) Vinyl chloride	2.375	62	238195	17.404	ug/L	99
6) Bromomethane	2.789	94	137861	17.234	ug/L	93
8) Chloroethane	2.929	64	140675	17.486	ug/L	98
9) Trichlorofluoromethane	3.265	101	205571	15.119	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	186436	17.908	ug/L	94
12) 1,1-Dichloroethene	4.039	96	190674	18.003	ug/L	92
13) Acetone	4.149	43	123358	79.834	ug/L #	55
14) Carbon disulfide	4.386	76	565513	15.852	ug/L	99
16) Methylene chloride	4.923	84	221557	20.439	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	213281	18.750	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	472609	25.910	ug/L	99
19) 1,1-Dichloroethane	6.215	63	435656	20.356	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	245080	20.179	ug/L	99
22) 2-Butanone	7.179	43	165068	62.550	ug/L	100
23) Bromochloromethane	7.514	128	108193	22.747	ug/L	94
25) Chloroform	7.672	83	421271	20.695	ug/L	97
27) 1,2-Dichloroethane	8.398	62	298218	23.786	ug/L	98

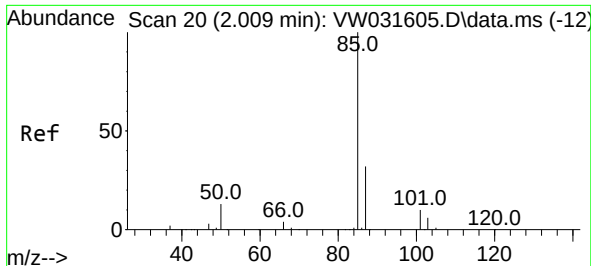
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031610.D
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Instrument :
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Quant Time: Jan 29 07:32:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

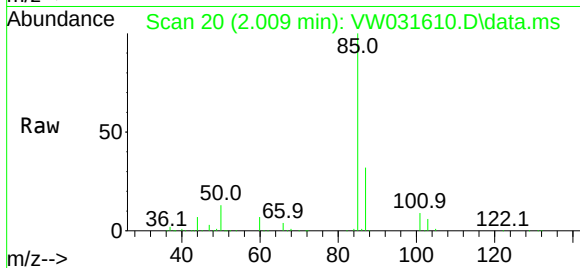
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	315194	16.994	ug/L	98
30) 1,1,1-Trichloroethane	7.867	97	326031	21.704	ug/L	99
31) Carbon tetrachloride	8.063	117	273697	20.550	ug/L	98
33) Benzene	8.319	78	892618	22.538	ug/L	100
34) Trichloroethene	9.087	95	209057	19.634	ug/L	97
35) Methylcyclohexane	9.331	83	237750	12.454	ug/L	98
37) 1,2-Dichloropropane	9.361	63	246652	24.779	ug/L	100
38) Bromodichloromethane	9.642	83	293754	24.397	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	384900	24.580	ug/L	99
40) 4-Methyl-2-pentanone	10.202	43	386476	77.784	ug/L	99
42) Toluene	10.385	91	839644	20.281	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	320039	25.569	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	182904	28.666	ug/L	97
46) Tetrachloroethene	10.861	164	118479	15.506	ug/L	97
48) 2-Hexanone	10.964	43	266553	87.789	ug/L	99
49) Dibromochloromethane	11.123	129	179618	25.586	ug/L	100
50) 1,2-Dibromoethane	11.233	107	170978	28.913	ug/L	100
51) Chlorobenzene	11.653	112	454196	17.767	ug/L	99
52) Ethylbenzene	11.727	91	809531	17.042	ug/L	98
53) m,p-Xylene	11.836	106	292822	16.167	ug/L	98
54) o-Xylene	12.159	106	303369	18.023	ug/L	96
55) Styrene	12.178	104	473555	16.908	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	212948	30.374	ug/L	99
59) Bromoform	12.342	173	92718	38.996	ug/L	99
60) Isopropylbenzene	12.458	105	703764	22.577	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	166989	49.835	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	514787	20.057	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	501666	20.082	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	206451	16.699	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	219733	17.970	ug/L	99
67) 1,2-Dichlorobenzene	13.866	146	210092	19.899	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	35710	47.668	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	89976	10.739	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	70914	10.627	ug/L	97
71) Naphthalene	15.360	128	253945	20.294	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	59218	10.536	ug/L	97

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

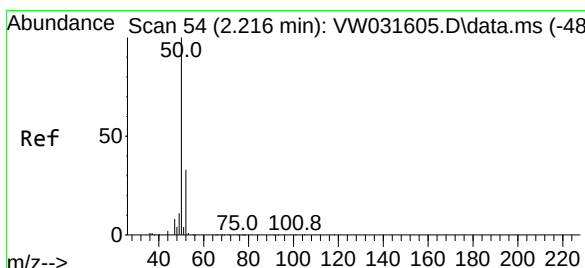
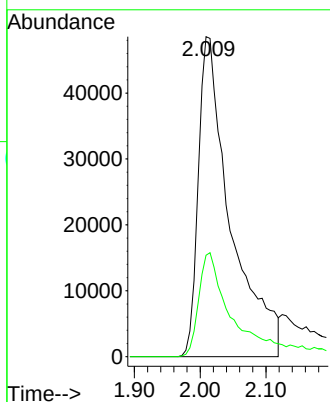
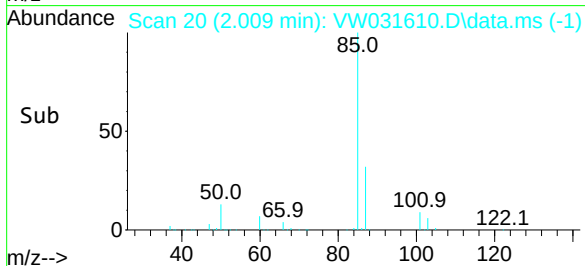


#2
 Dichlorodifluoromethane
 Concen: 15.950 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50

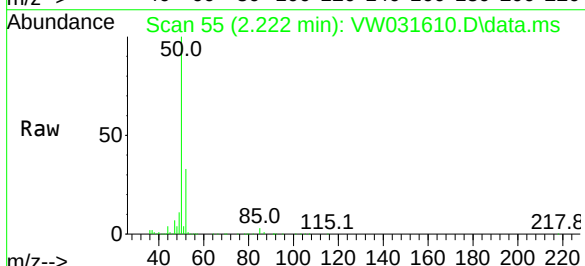
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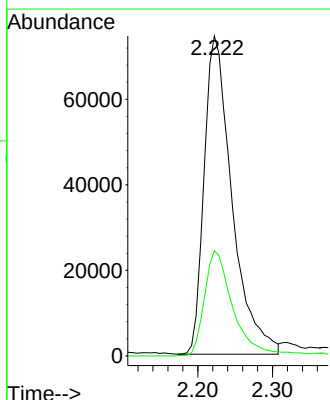
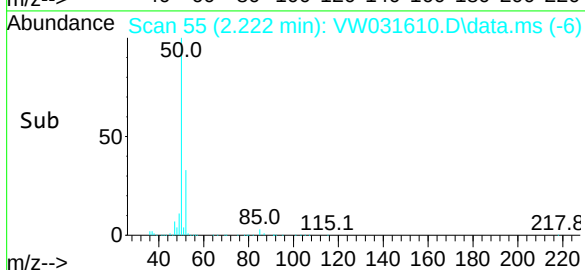
Tgt Ion: 85 Resp: 165121
 Ion Ratio Lower Upper
 85 100
 87 30.4 25.0 37.4

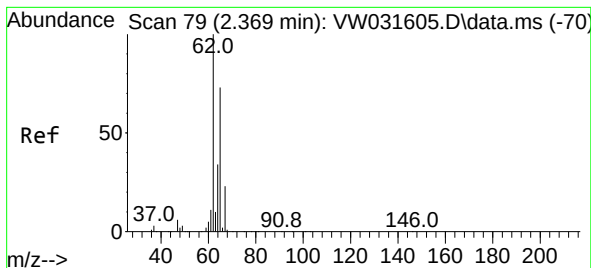


#3
 Chloromethane
 Concen: 17.977 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50



Tgt Ion: 50 Resp: 192884
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.3 41.3





#5

Vinyl chloride

Concen: 17.404 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Instrument :

MSVOA_W

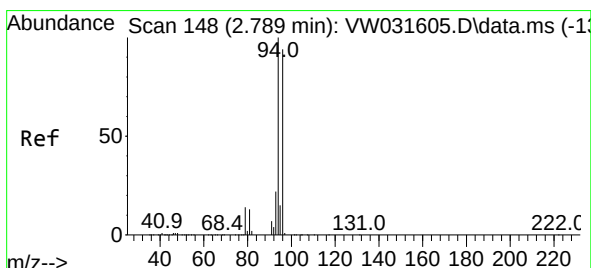
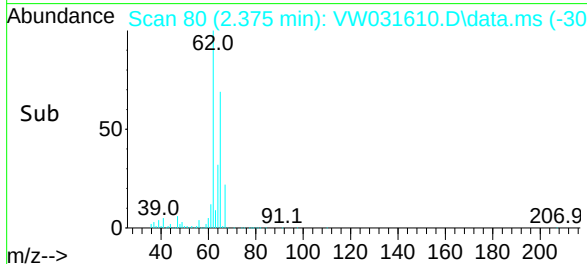
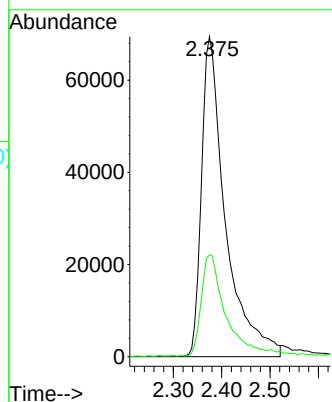
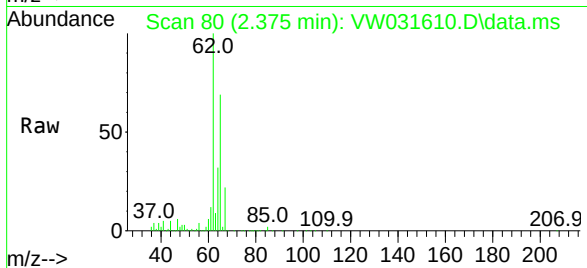
ClientSampleId :

Tgt Ion: 62 Resp: 238195

Ion Ratio Lower Upper

62 100

64 31.8 22.7 42.3



#6

Bromomethane

Concen: 17.234 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW031610.D

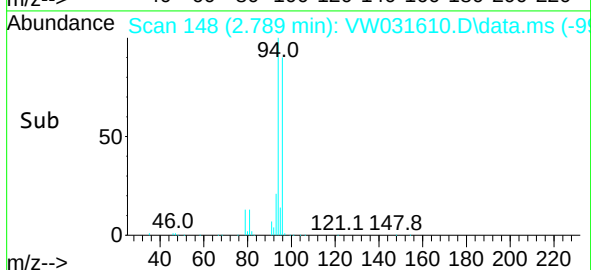
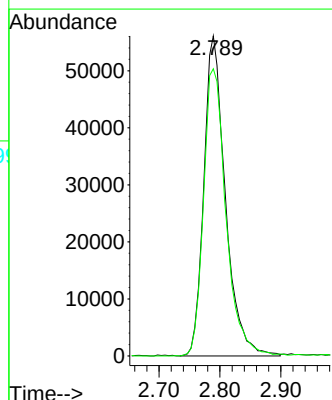
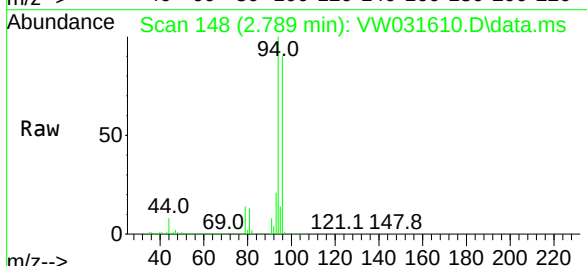
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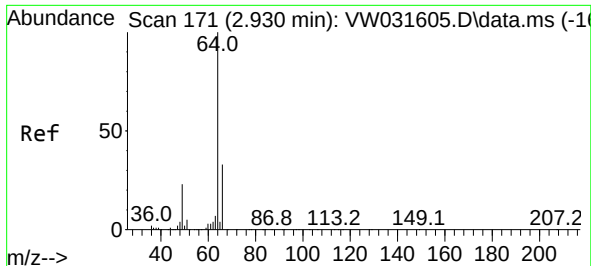
Tgt Ion: 94 Resp: 137861

Ion Ratio Lower Upper

94 100

96 89.7 67.6 125.6

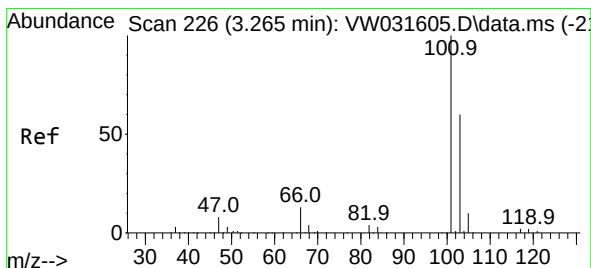
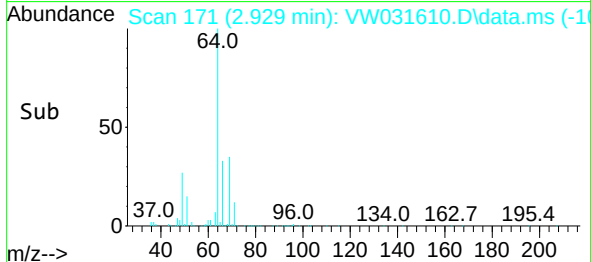
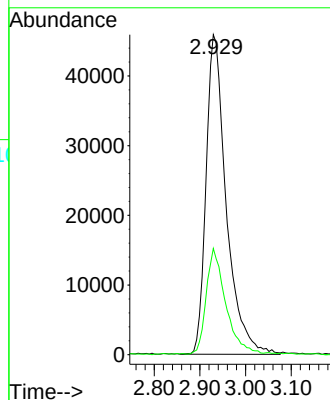
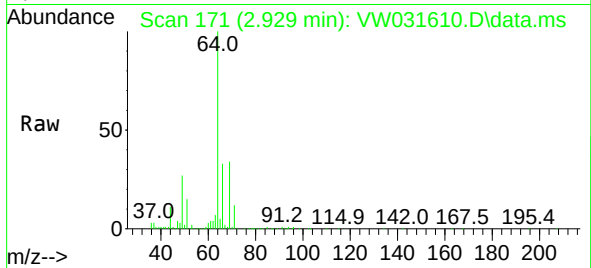




#8
Chloroethane
Concen: 17.486 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

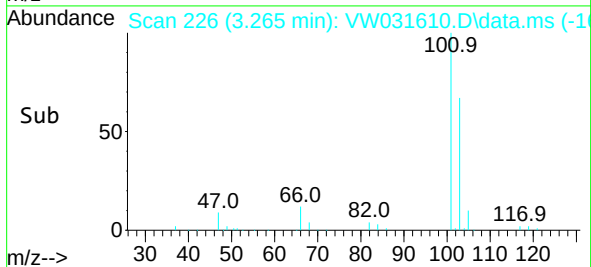
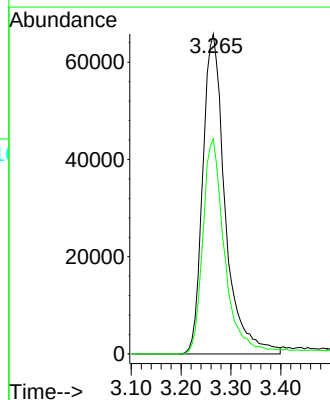
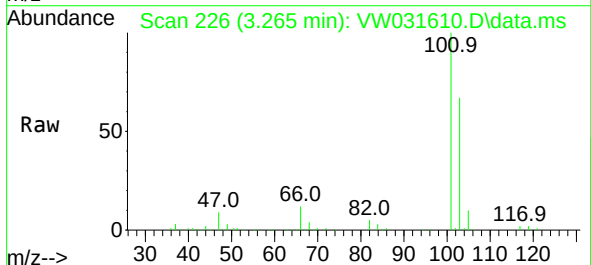
Instrument :
MSVOA_W
ClientSampleId :

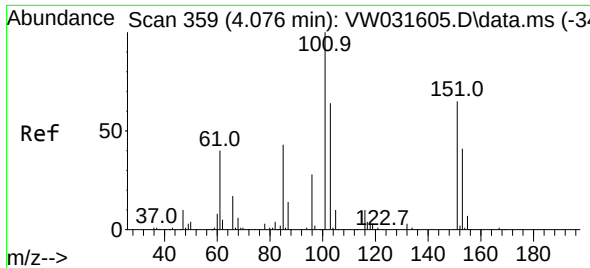
Tgt Ion: 64 Resp: 140675
Ion Ratio Lower Upper
64 100
66 33.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 15.119 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

Tgt Ion: 101 Resp: 205571
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

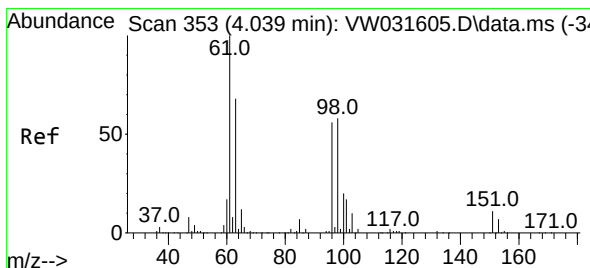
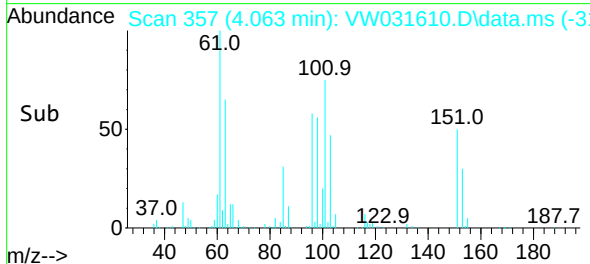
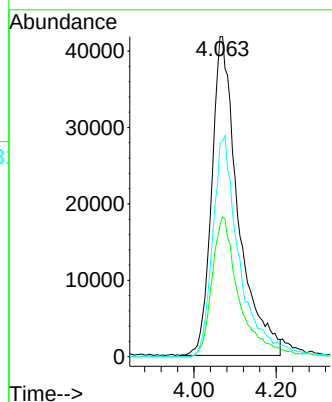
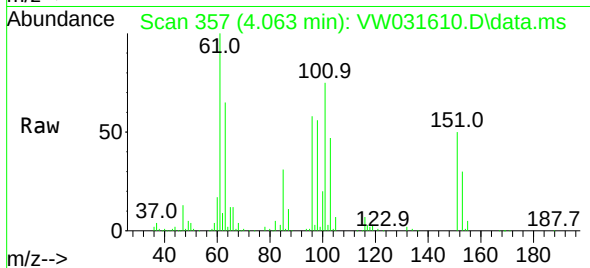




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.908 ug/L
 RT: 4.063 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50

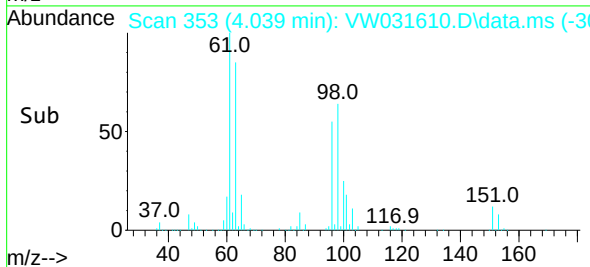
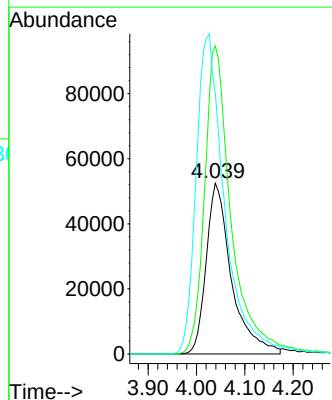
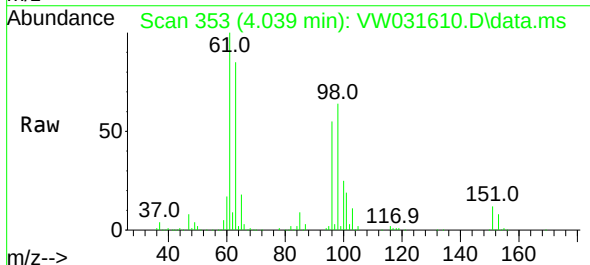
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 ClientSampleId :

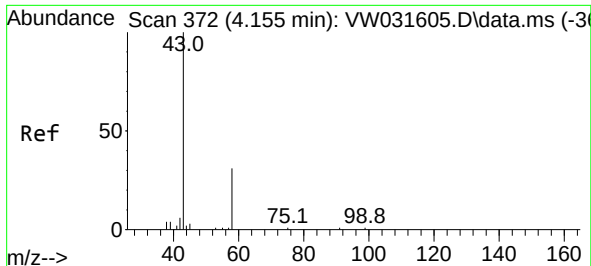
Tgt Ion:101 Resp: 186436
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.1 54.1
 151 63.7 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 18.003 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50

Tgt Ion: 96 Resp: 190674
 Ion Ratio Lower Upper
 96 100
 61 180.4 123.8 230.0
 63 153.0 94.1 174.8

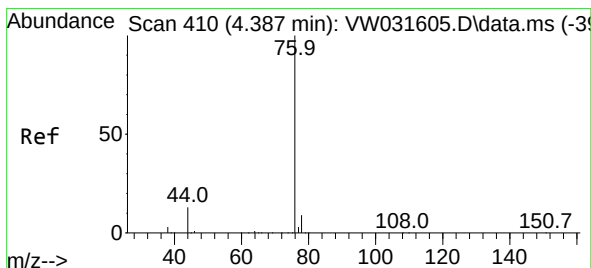
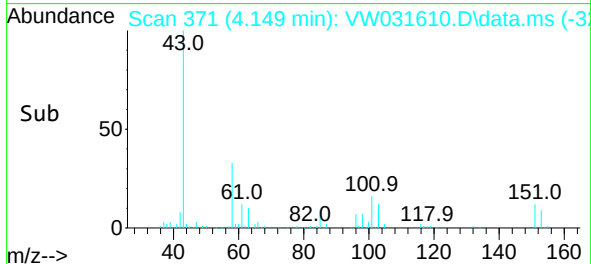
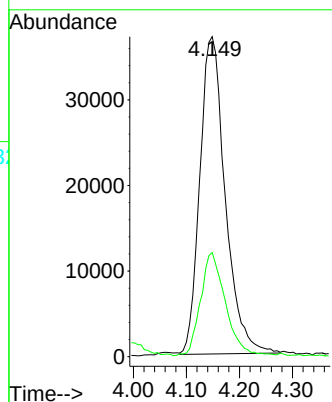
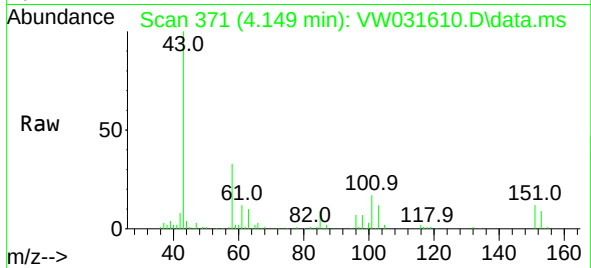




#13
Acetone
Concen: 79.834 ug/L
RT: 4.149 min Scan# 31
Delta R.T. -0.019 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

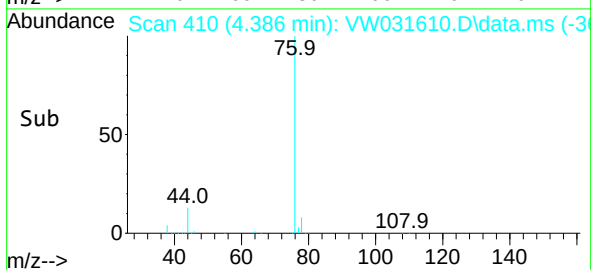
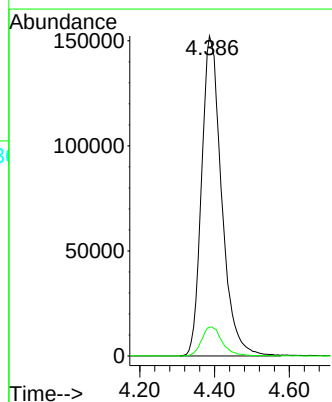
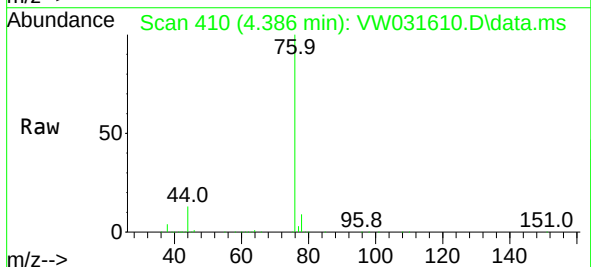
Instrument :
MSVOA_W
ClientSampleId :

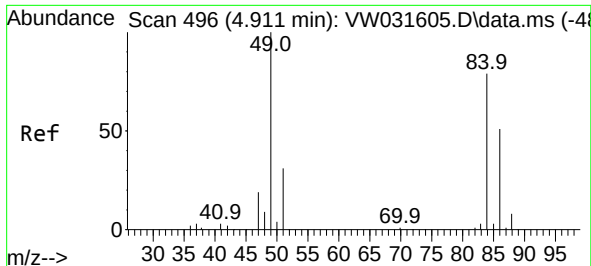
Tgt Ion: 43 Resp: 123358
Ion Ratio Lower Upper
43 100
58 32.4 0.0 28.2#



#14
Carbon disulfide
Concen: 15.852 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

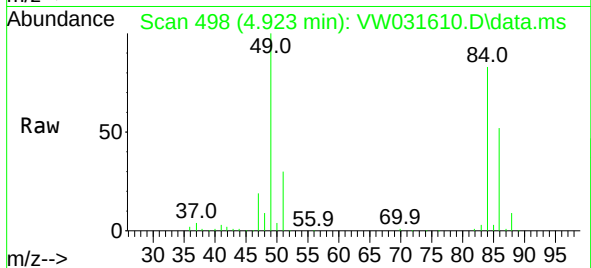
Tgt Ion: 76 Resp: 565513
Ion Ratio Lower Upper
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78 8.9 7.3 10.9



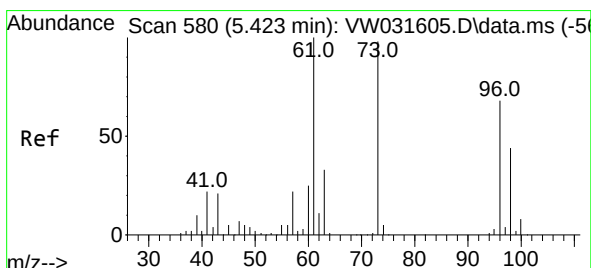
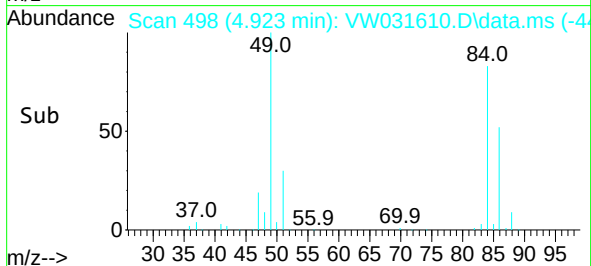
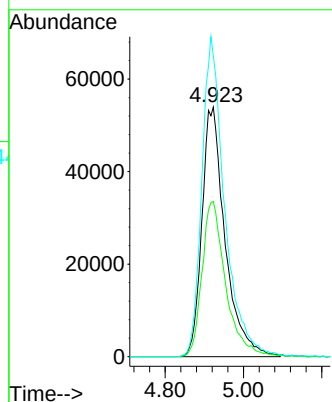


#16
Methylene chloride
Concen: 20.439 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

Instrument :
MSVOA_W
ClientSampled :

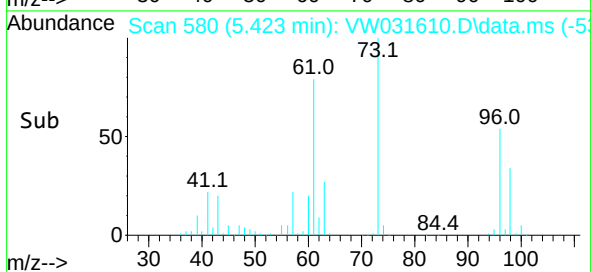
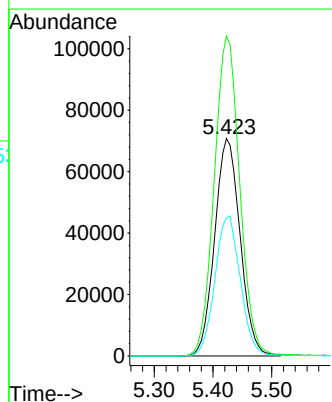
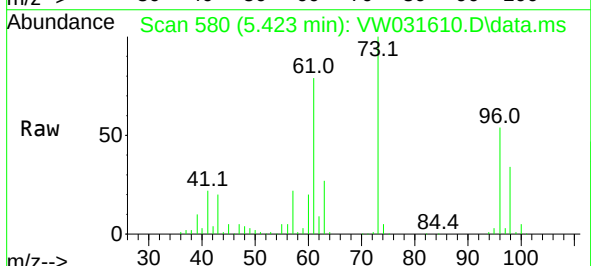


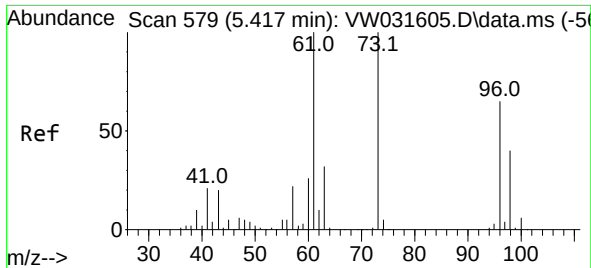
Tgt Ion: 84 Resp: 221557
Ion Ratio Lower Upper
84 100
86 62.2 47.0 87.2
49 120.5 89.8 166.8



#17
trans-1,2-Dichloroethene
Concen: 18.750 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

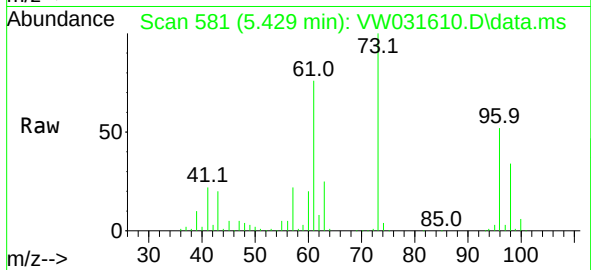
Tgt Ion: 96 Resp: 213281
Ion Ratio Lower Upper
96 100
61 147.1 105.1 195.1
98 63.3 44.9 83.3



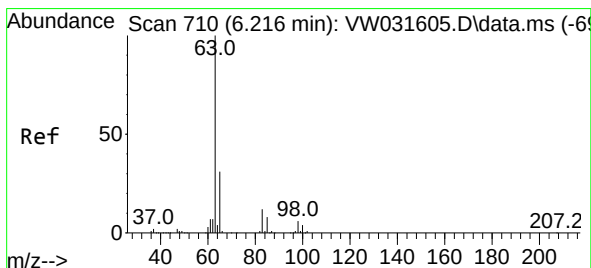
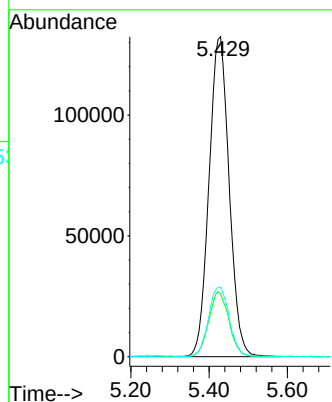
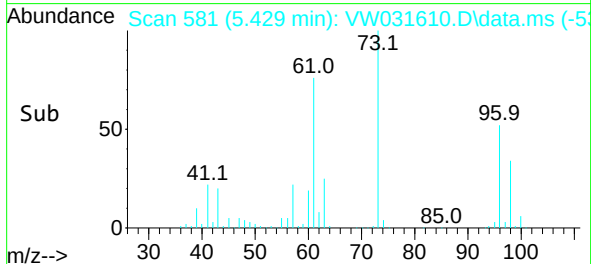


#18
Methyl tert-butyl Ether
Concen: 25.910 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

Instrument :
MSVOA_W
ClientSampleId :

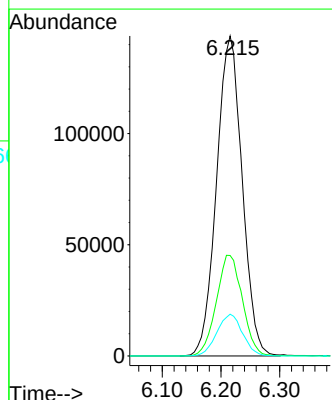
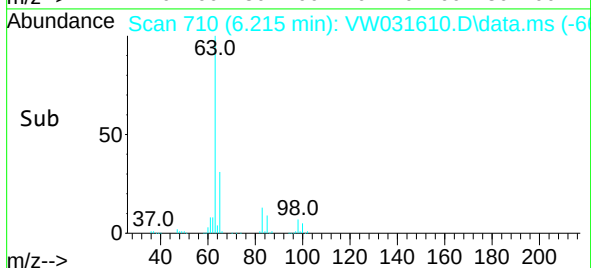
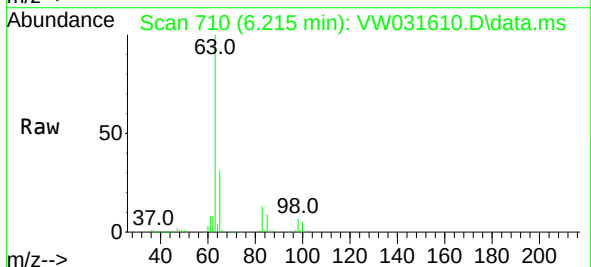


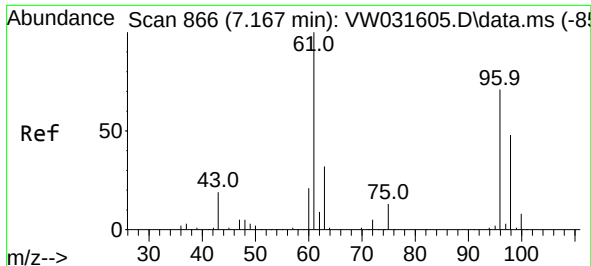
Tgt Ion: 73 Resp: 472609
Ion Ratio Lower Upper
73 100
43 20.3 16.4 24.6
57 22.4 18.2 27.2



#19
1,1-Dichloroethane
Concen: 20.356 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

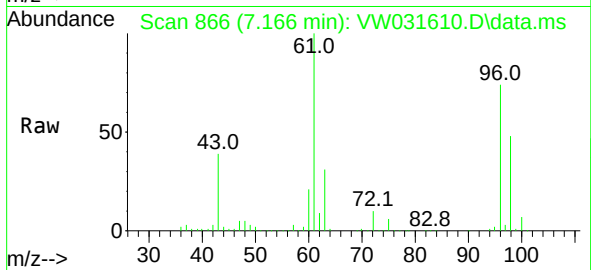
Tgt Ion: 63 Resp: 435656
Ion Ratio Lower Upper
63 100
65 31.4 22.0 41.0
83 13.1 9.0 16.6





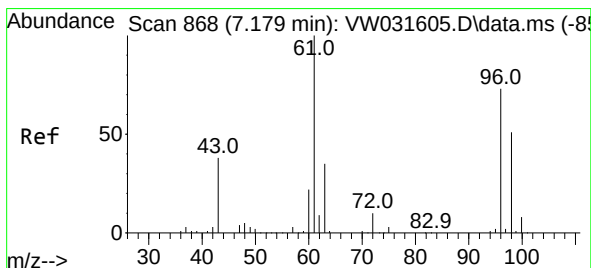
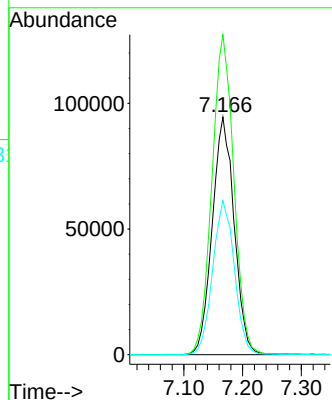
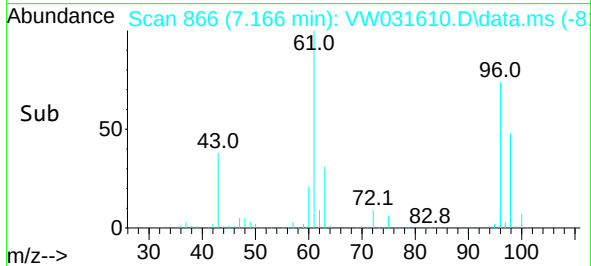
#20
 cis-1,2-Dichloroethene
 Concen: 20.179 ug/L
 RT: 7.166 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50

Instrument :
 MSVOA_W
 ClientSampleId :

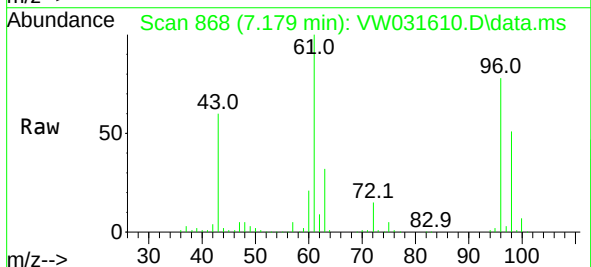


Tgt Ion: 96 Resp: 245080

Ion	Ratio	Lower	Upper
96	100		
61	134.7	94.8	176.2
98	64.9	45.6	84.8

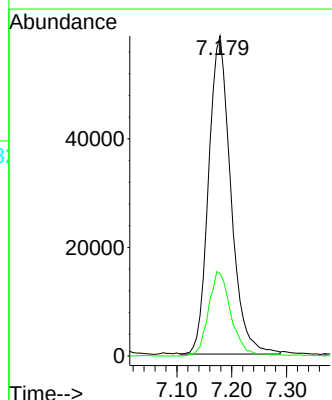
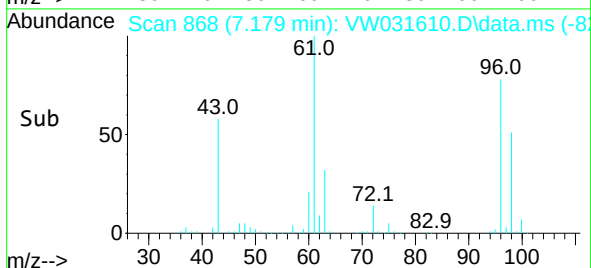


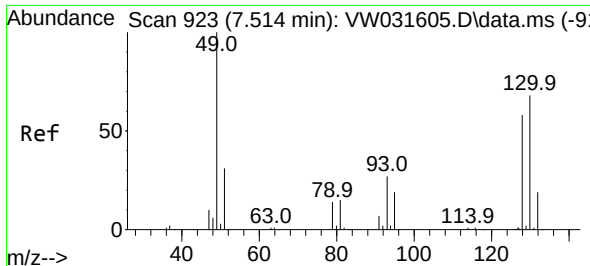
#22
 2-Butanone
 Concen: 62.550 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. -0.006 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50



Tgt Ion: 43 Resp: 165068

Ion	Ratio	Lower	Upper
43	100		
72	26.5	13.2	39.5

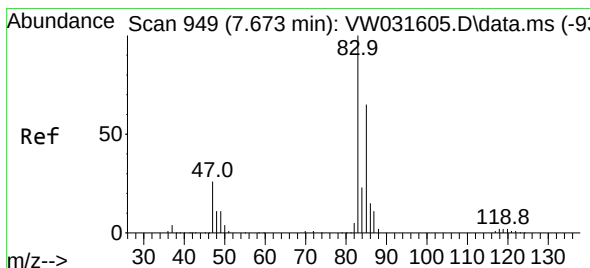
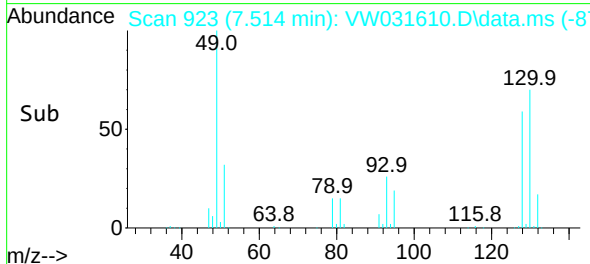
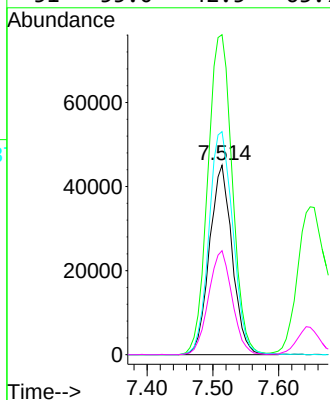
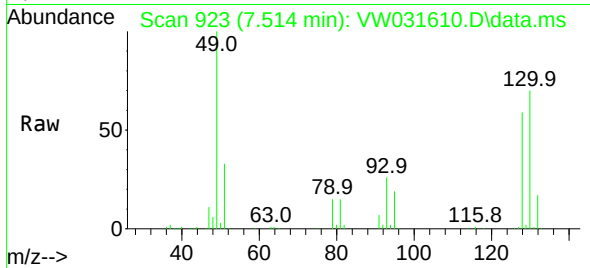




#23
Bromochloromethane
Concen: 22.747 ug/L
RT: 7.514 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

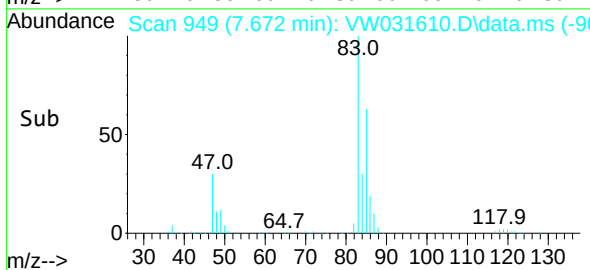
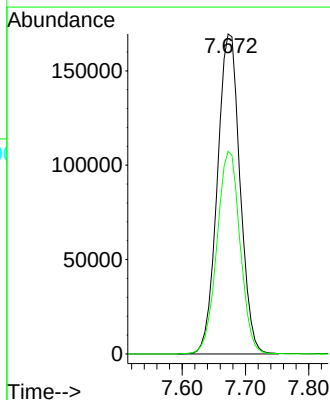
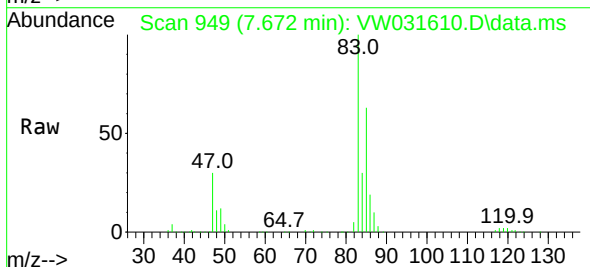
Instrument :
MSVOA_W
ClientSampleId :

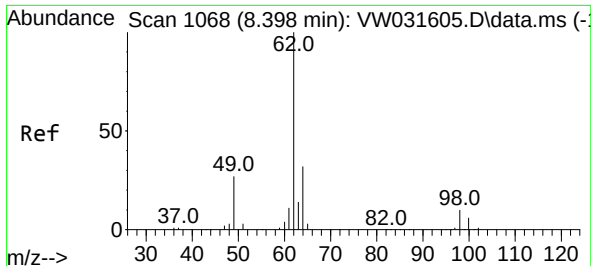
Tgt Ion:128 Resp: 108193
Ion Ratio Lower Upper
128 100
49 169.0 123.9 230.1
130 117.8 88.1 163.7
51 55.0 42.5 63.7



#25
Chloroform
Concen: 20.695 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

Tgt Ion: 83 Resp: 421271
Ion Ratio Lower Upper
83 100
85 63.3 46.2 85.8





#27

1,2-Dichloroethane

Concen: 23.786 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Instrument :

MSVOA_W

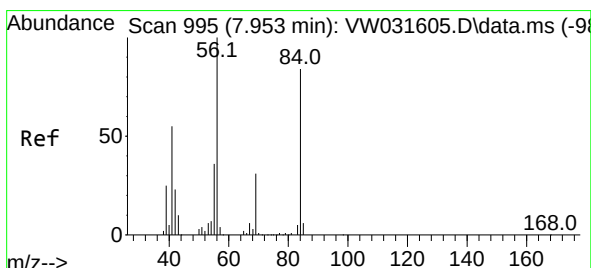
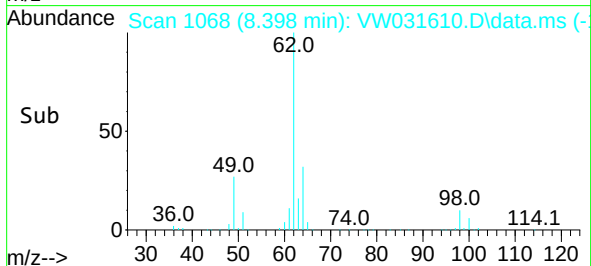
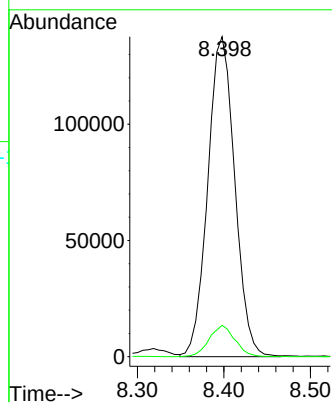
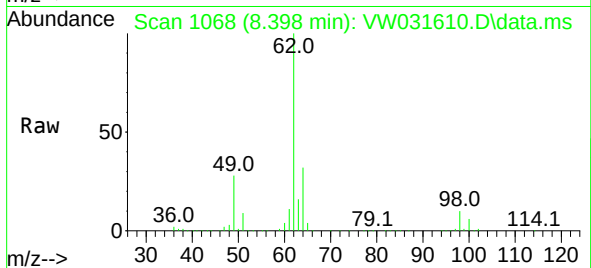
ClientSampleId :

Tgt Ion: 62 Resp: 298218

Ion Ratio Lower Upper

62 100

98 9.8 7.3 10.9



#29

Cyclohexane

Concen: 16.994 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

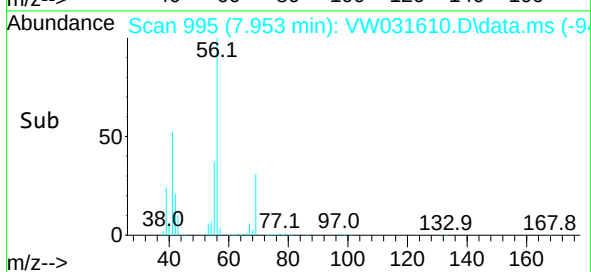
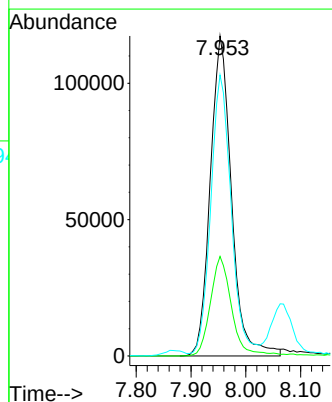
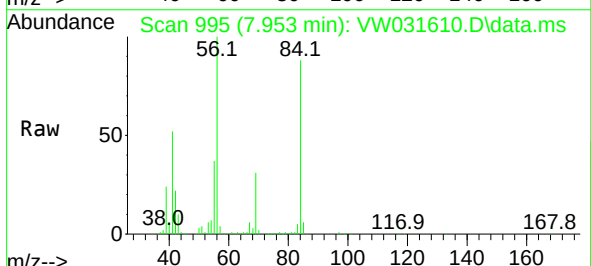
Tgt Ion: 56 Resp: 315194

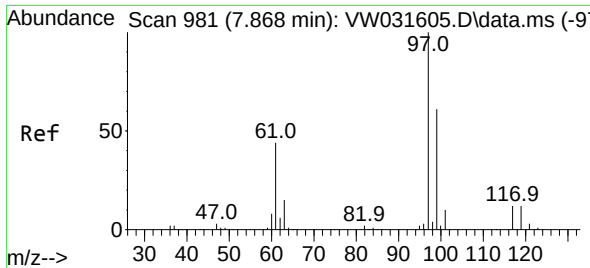
Ion Ratio Lower Upper

56 100

69 30.5 25.2 37.8

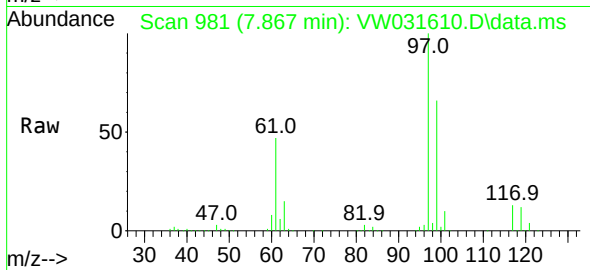
84 84.6 66.3 99.5





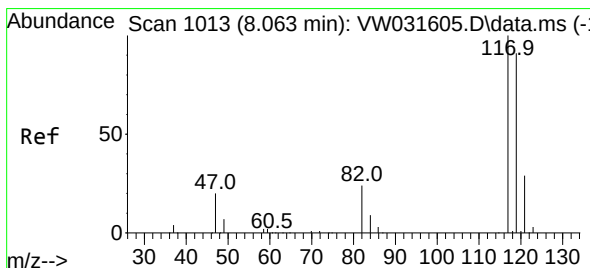
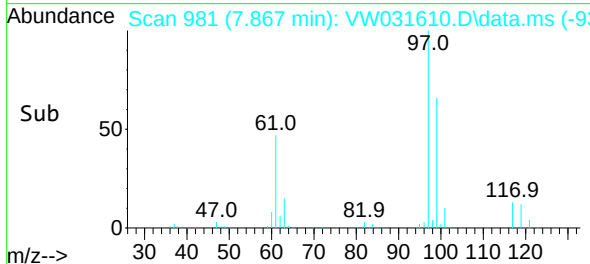
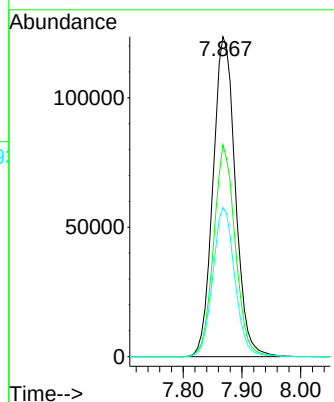
#30
 1,1,1-Trichloroethane
 Concen: 21.704 ug/L
 RT: 7.867 min Scan# 981
 Delta R.T. -0.006 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 97 Resp: 326031

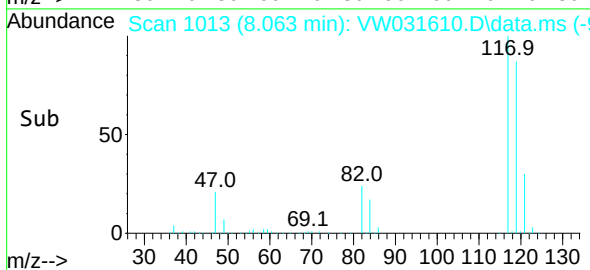
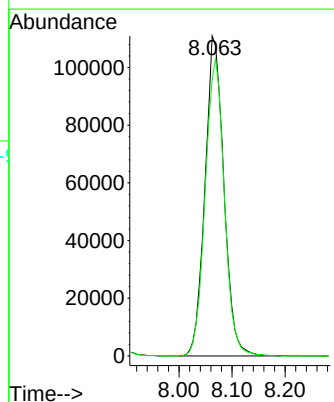
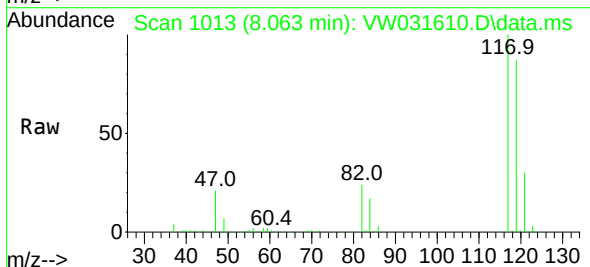
Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.2	78.4
61	45.9	36.9	55.3

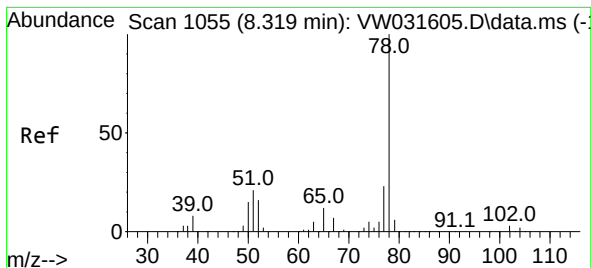


#31
 Carbon tetrachloride
 Concen: 20.550 ug/L
 RT: 8.063 min Scan# 1013
 Delta R.T. -0.006 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50

Tgt Ion: 117 Resp: 273697

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.0





#33

Benzene

Concen: 22.538 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031610.D

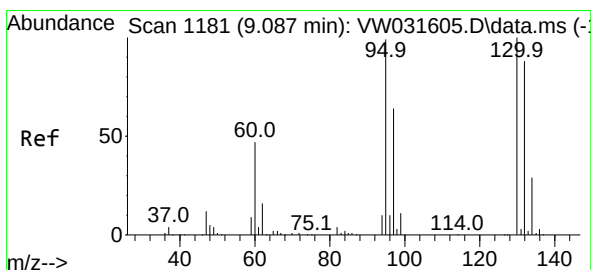
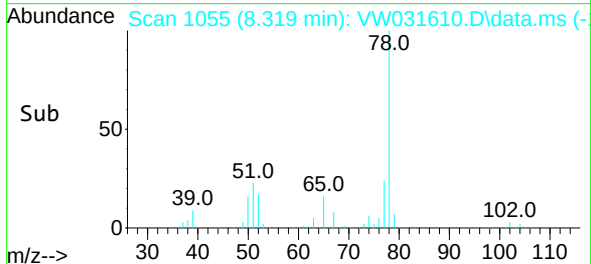
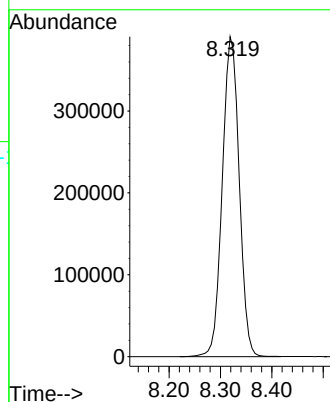
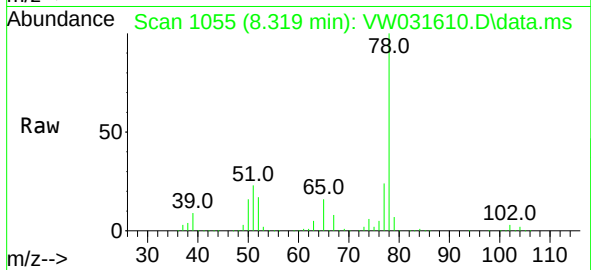
Acq: 28 Jan 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 892618



#34

Trichloroethene

Concen: 19.634 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Tgt Ion: 95 Resp: 209057

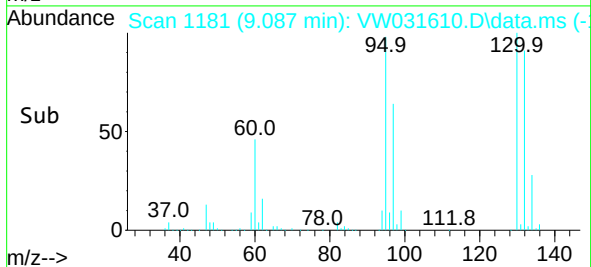
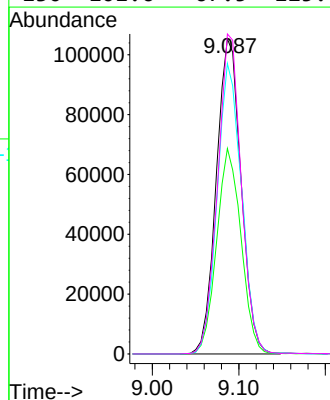
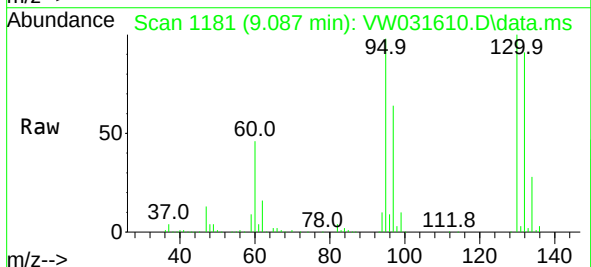
Ion Ratio Lower Upper

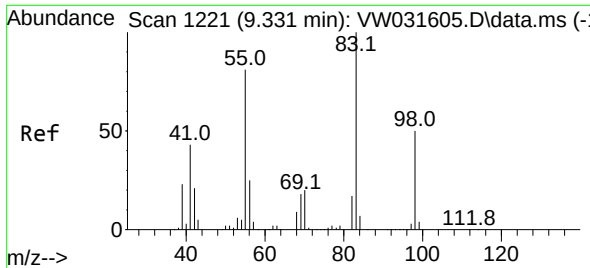
95 100

97 65.2 44.0 81.6

132 92.2 64.6 120.0

130 101.6 67.5 125.4

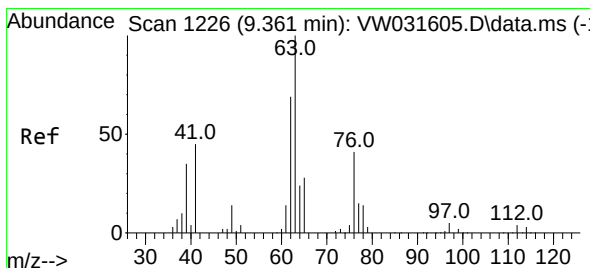
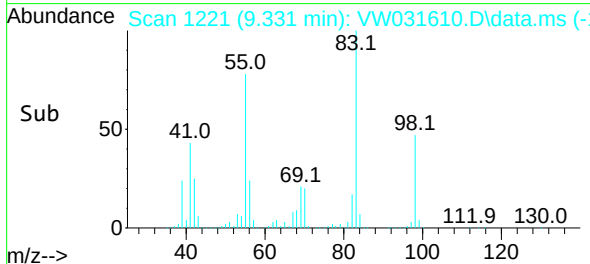
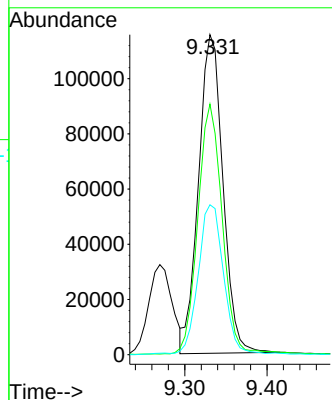
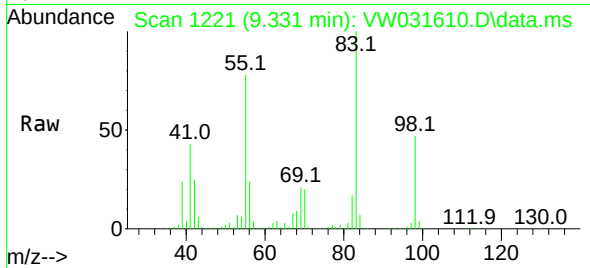




#35
Methylcyclohexane
Concen: 12.454 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

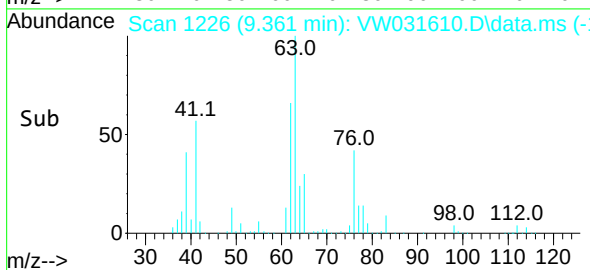
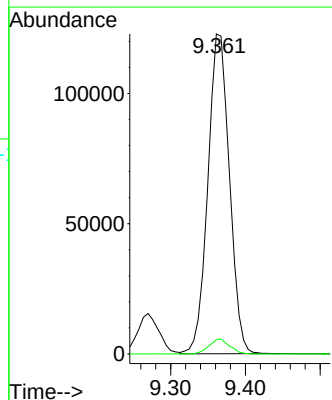
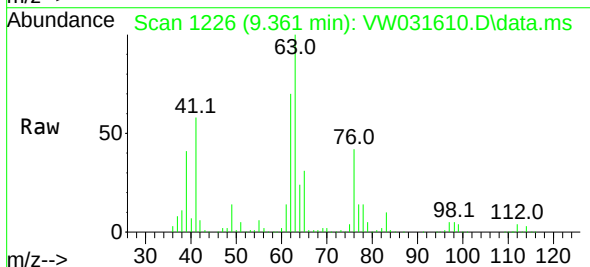
Instrument :
MSVOA_W
ClientSampleId :

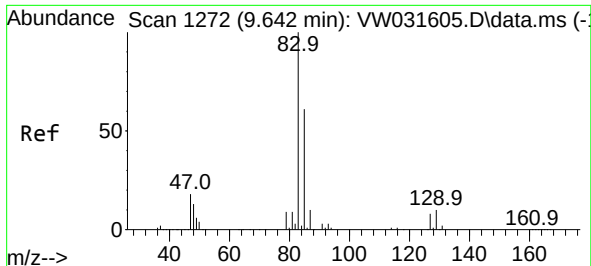
Tgt Ion: 83 Resp: 237750
Ion Ratio Lower Upper
83 100
55 77.2 63.4 95.2
98 48.9 38.8 58.2



#37
1,2-Dichloropropane
Concen: 24.779 ug/L
RT: 9.361 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

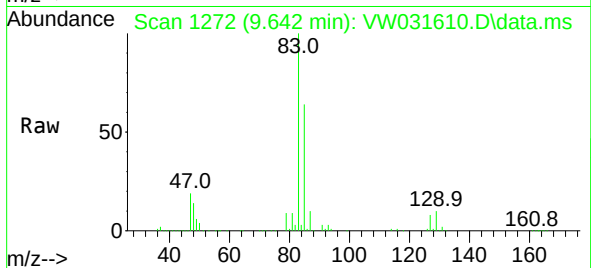
Tgt Ion: 63 Resp: 246652
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



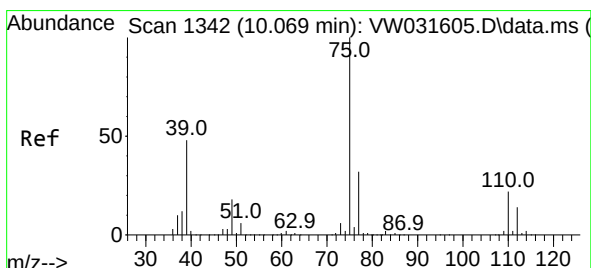
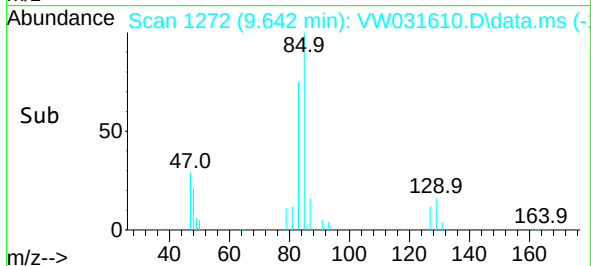
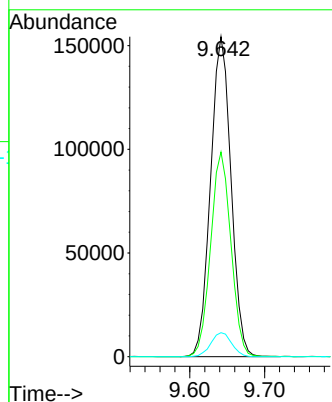


#38
Bromodichloromethane
Concen: 24.397 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

Instrument :
MSVOA_W
ClientSampleId :

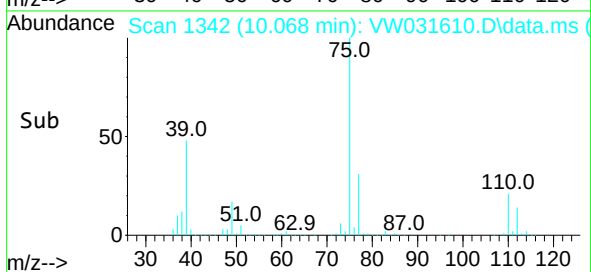
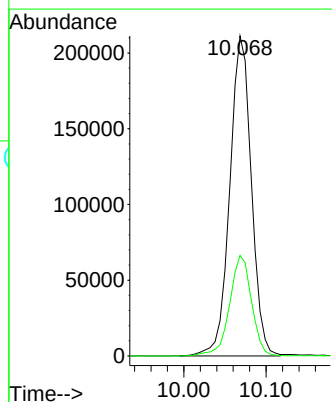
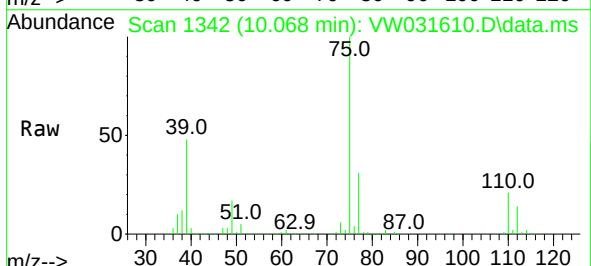


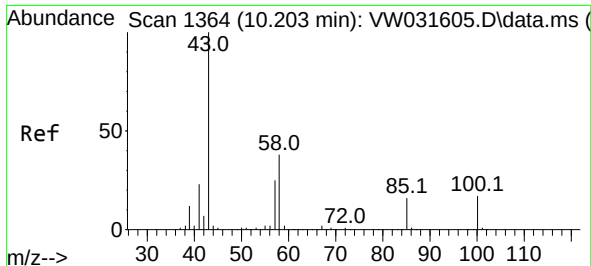
Tgt Ion: 83 Resp: 293754
Ion Ratio Lower Upper
83 100
85 64.0 43.8 81.3
127 7.5 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 24.580 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

Tgt Ion: 75 Resp: 384900
Ion Ratio Lower Upper
75 100
77 31.4 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 77.784 ug/L

RT: 10.202 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

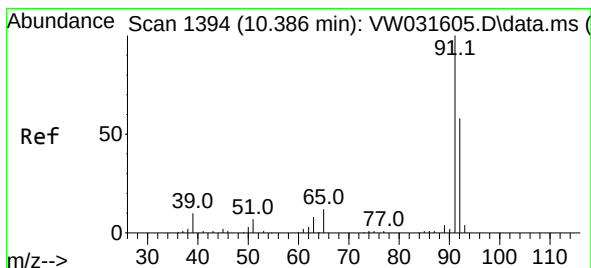
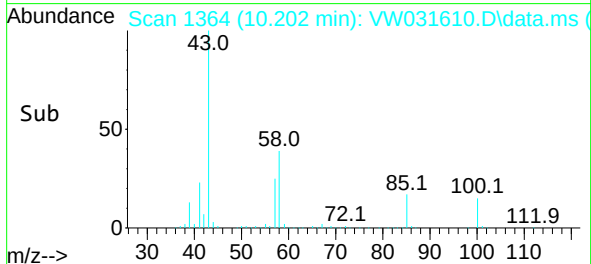
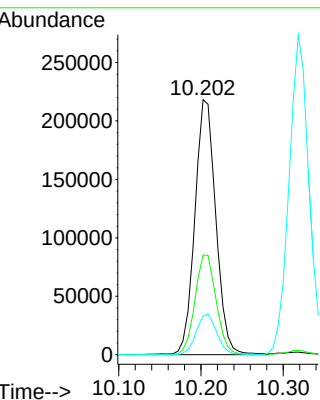
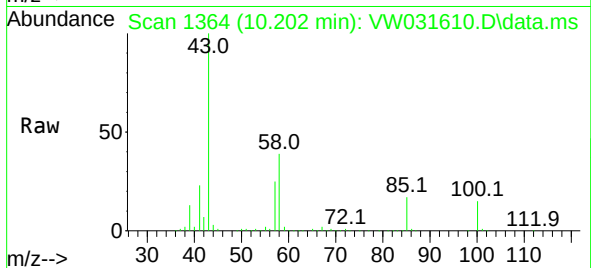
Tgt Ion: 43 Resp: 386476

Ion Ratio Lower Upper

43 100

58 39.7 31.4 47.2

100 15.7 12.3 18.5



#42

Toluene

Concen: 20.281 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW031610.D

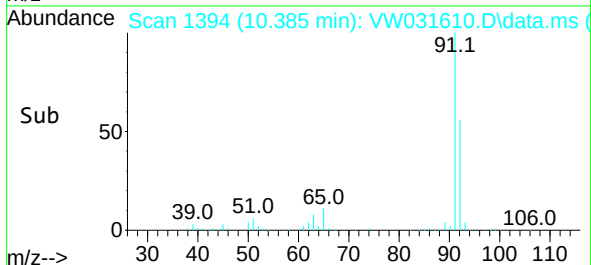
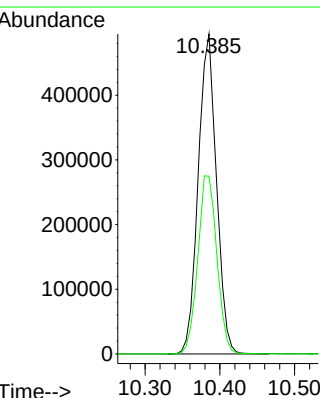
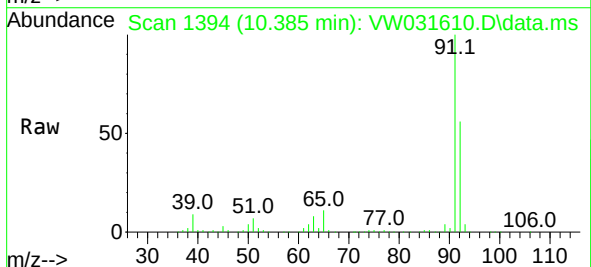
Acq: 28 Jan 2025 11:50

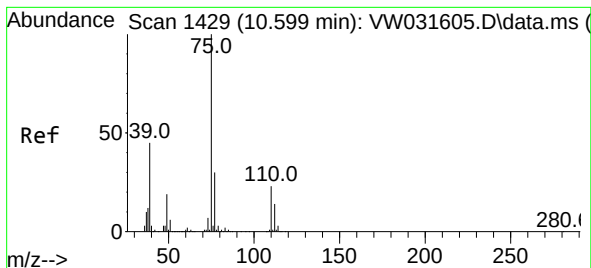
Tgt Ion: 91 Resp: 839644

Ion Ratio Lower Upper

91 100

92 55.5 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 25.569 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Instrument :

MSVOA_W

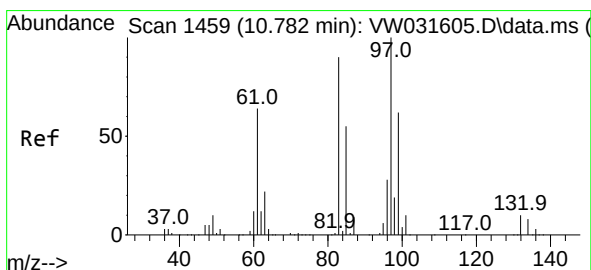
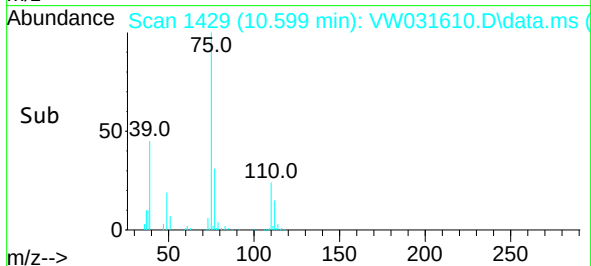
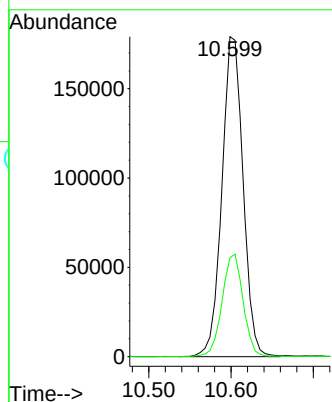
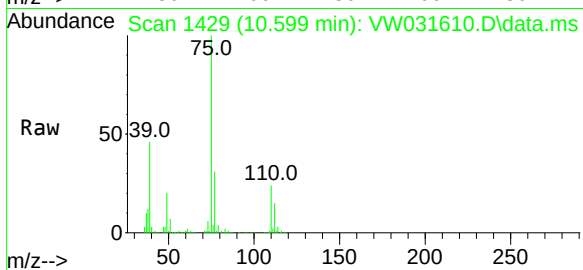
ClientSampleId :

Tgt Ion: 75 Resp: 320039

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 28.666 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Tgt Ion: 97 Resp: 182904

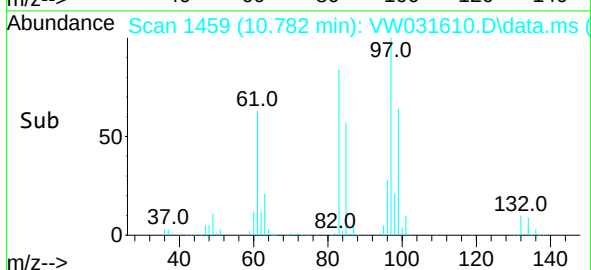
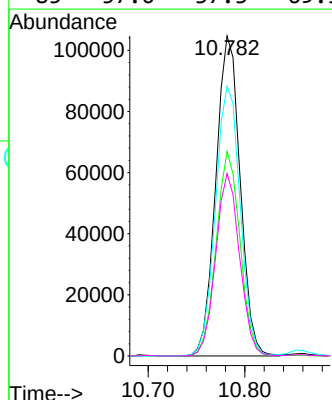
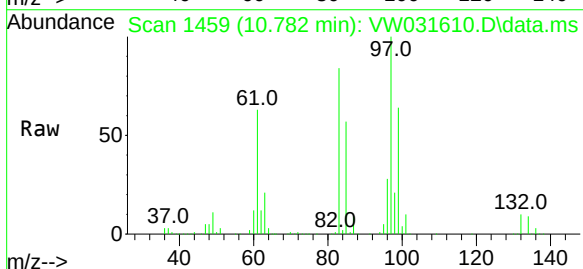
Ion Ratio Lower Upper

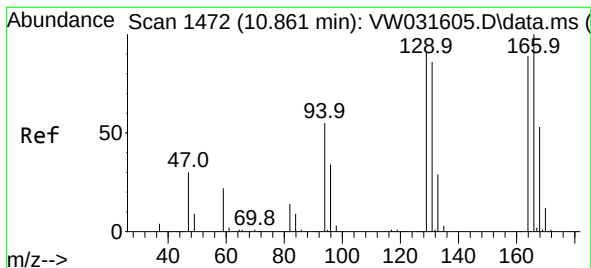
97 100

99 63.9 42.6 79.2

83 84.2 59.6 110.8

85 57.0 37.3 69.3





#46

Tetrachloroethene

Concen: 15.506 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

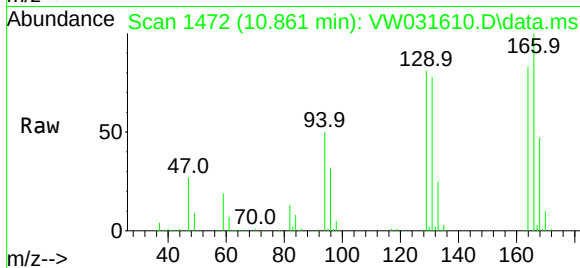
Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 118479

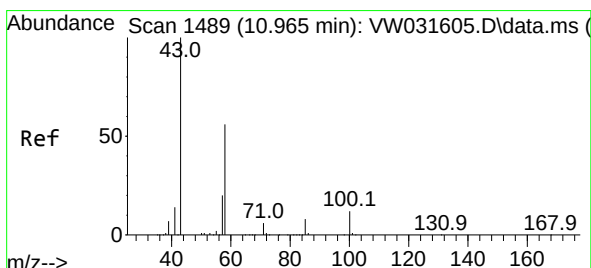
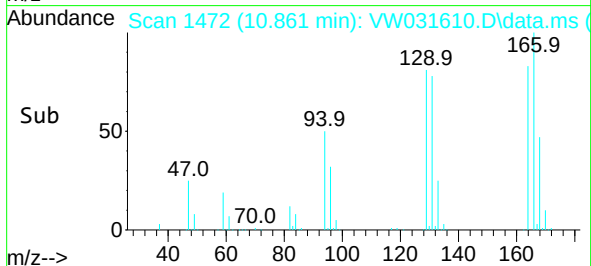
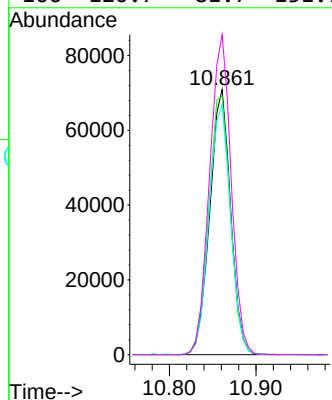
Ion Ratio Lower Upper

164 100

129 97.4 69.8 129.6

131 94.3 63.1 117.1

166 120.7 81.7 151.7



#48

2-Hexanone

Concen: 87.789 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Tgt Ion: 43 Resp: 266553

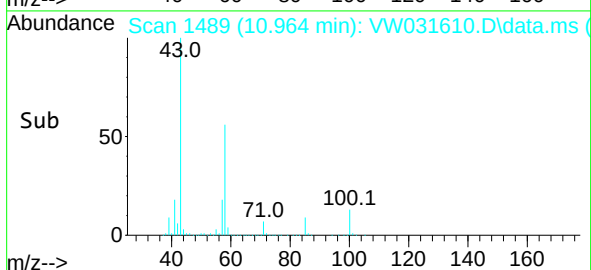
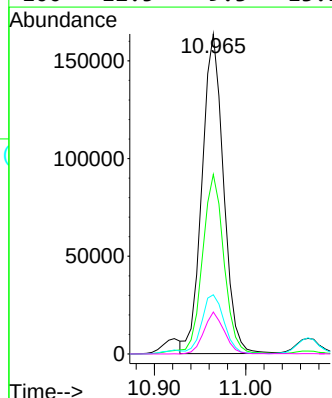
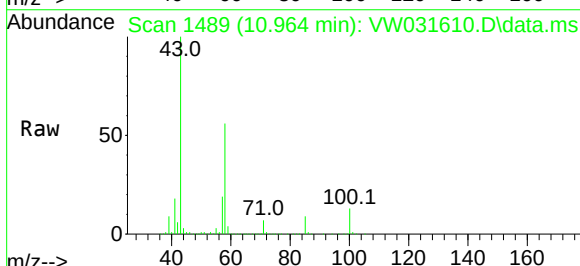
Ion Ratio Lower Upper

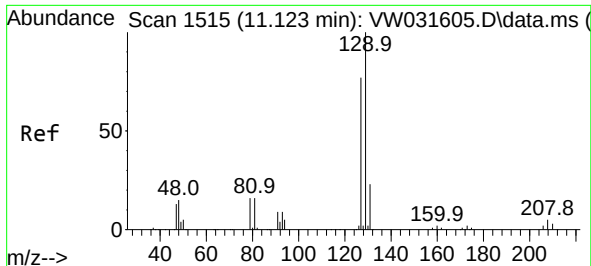
43 100

58 55.2 44.8 67.2

57 19.3 15.6 23.4

100 12.5 9.3 13.9

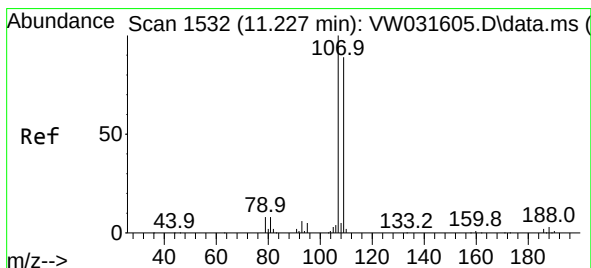
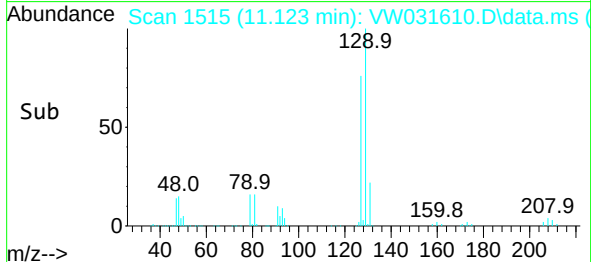
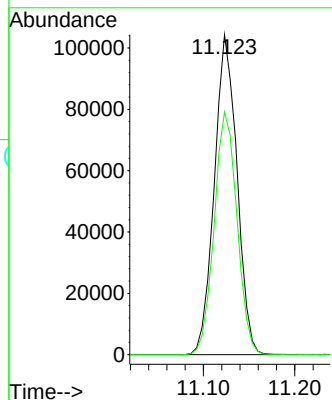
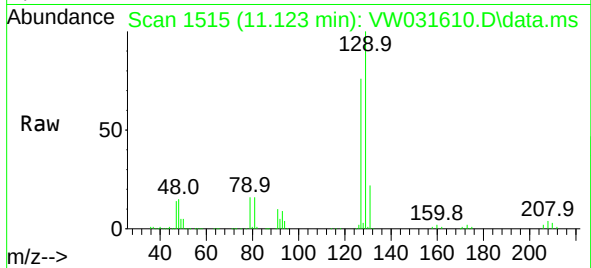




#49
Dibromochloromethane
Concen: 25.586 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

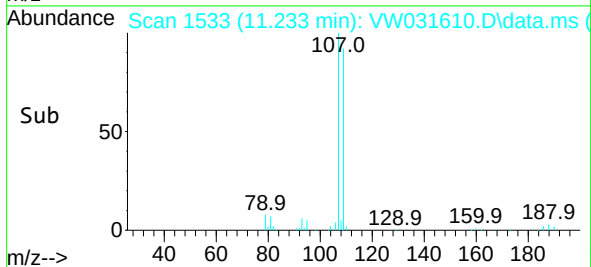
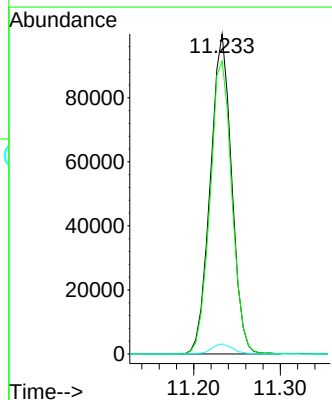
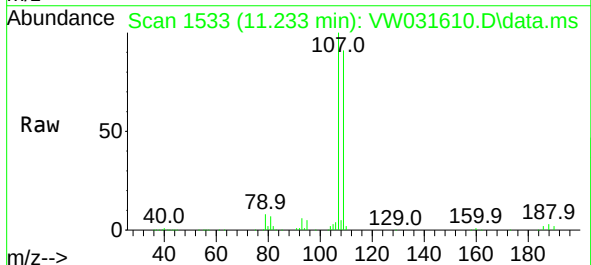
Instrument :
MSVOA_W
ClientSampleId :

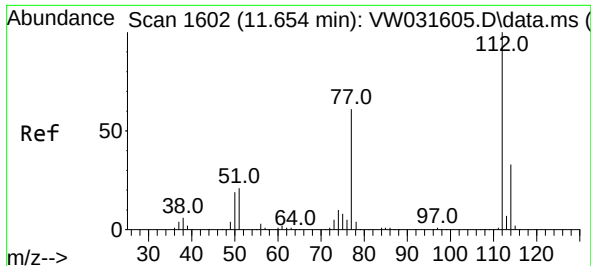
Tgt Ion:129 Resp: 179618
Ion Ratio Lower Upper
129 100
127 75.8 53.0 98.4



#50
1,2-Dibromoethane
Concen: 28.913 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

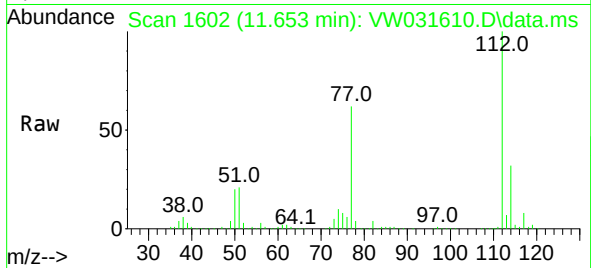
Tgt Ion:107 Resp: 170978
Ion Ratio Lower Upper
107 100
109 91.5 63.8 118.4
188 3.2 2.6 3.8



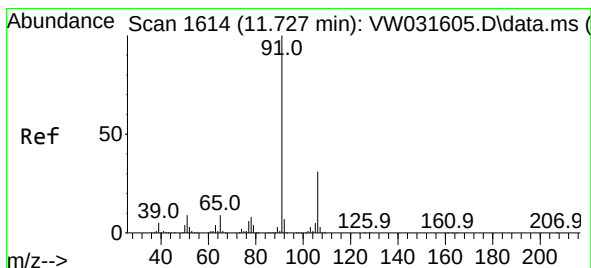
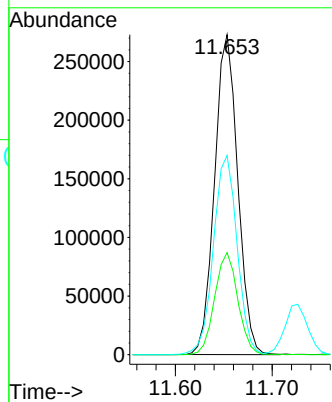
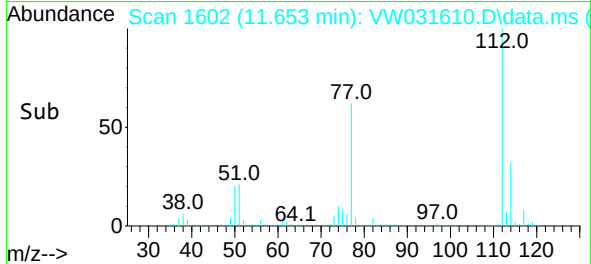


#51
Chlorobenzene
Concen: 17.767 ug/L
RT: 11.653 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

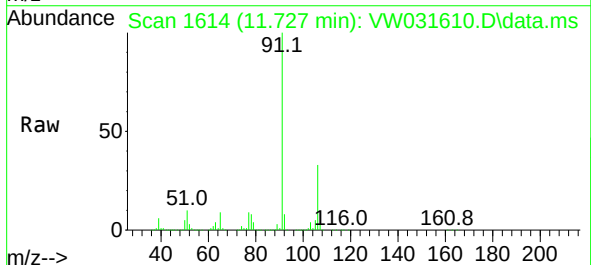
Instrument :
MSVOA_W
ClientSampleId :



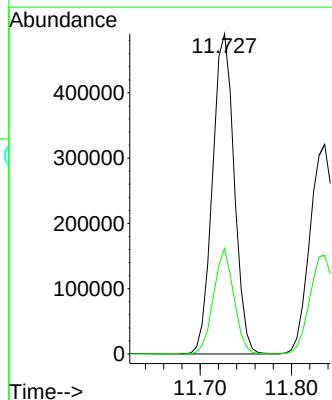
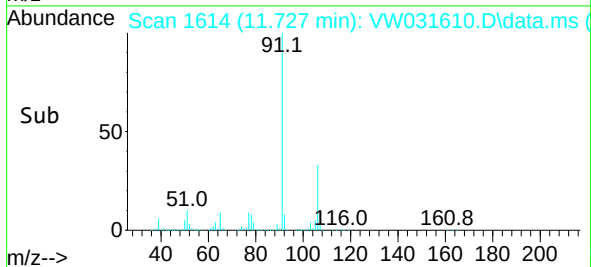
Tgt Ion:112 Resp: 454196
Ion Ratio Lower Upper
112 100
114 31.9 22.0 40.8
77 62.3 49.0 73.4

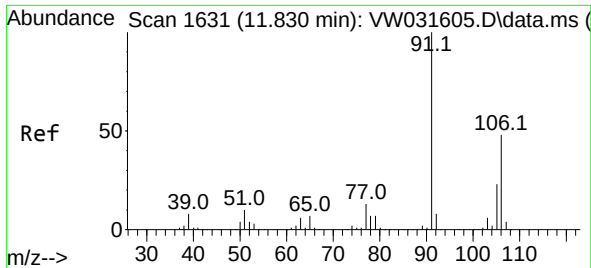


#52
Ethylbenzene
Concen: 17.042 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50



Tgt Ion: 91 Resp: 809531
Ion Ratio Lower Upper
91 100
106 33.0 22.3 41.3

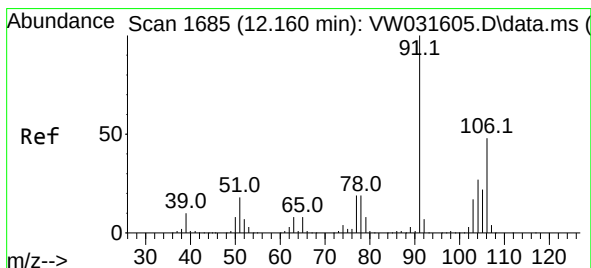
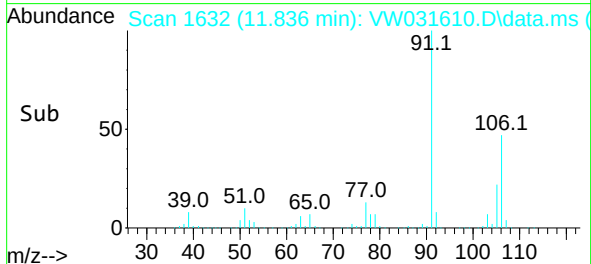
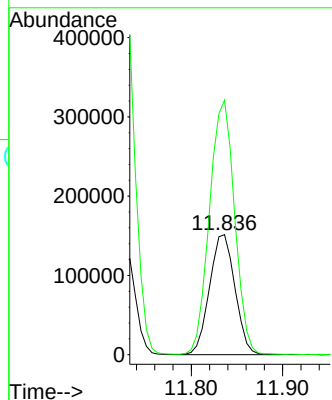
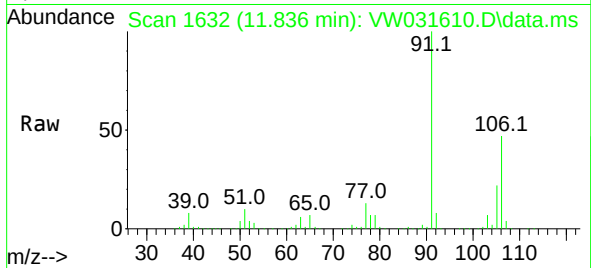




#53
m,p-Xylene
Concen: 16.167 ug/L
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

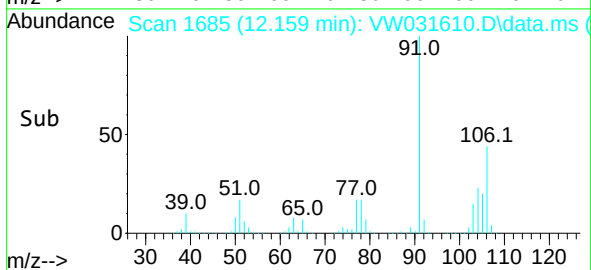
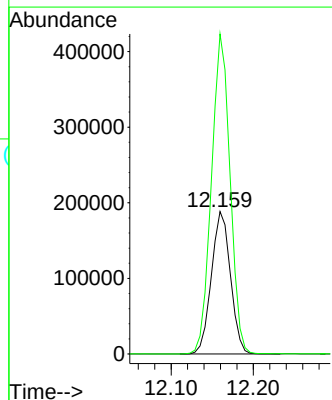
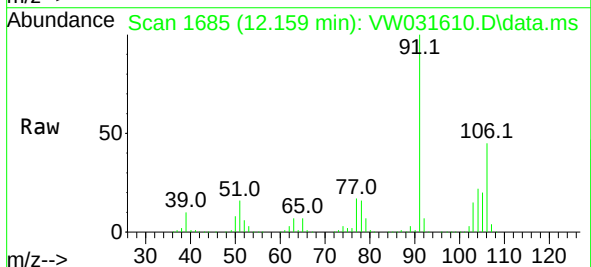
Instrument :
MSVOA_W
ClientSampleId :

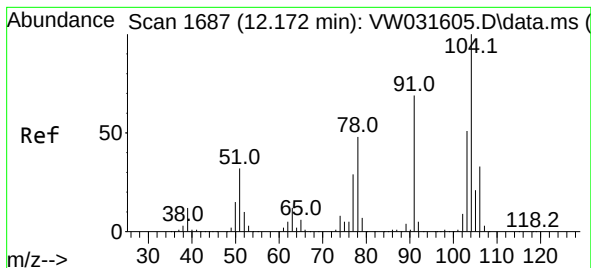
Tgt Ion:106 Resp: 292822
Ion Ratio Lower Upper
106 100
91 212.1 145.9 270.9



#54
o-Xylene
Concen: 18.023 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

Tgt Ion:106 Resp: 303369
Ion Ratio Lower Upper
106 100
91 224.6 152.9 284.1





#55

Styrene

Concen: 16.908 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Instrument :

MSVOA_W

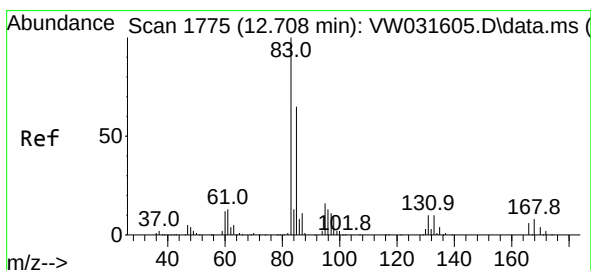
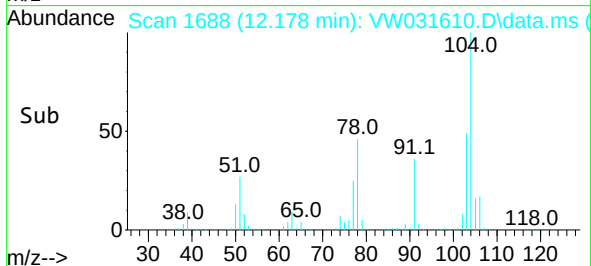
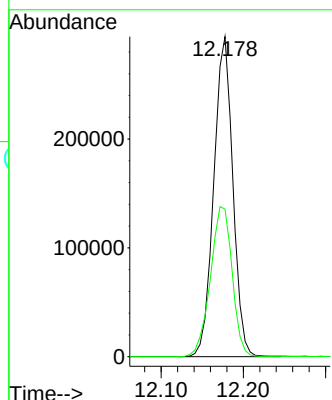
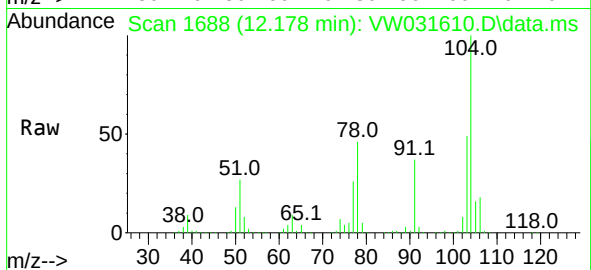
ClientSampleId :

Tgt Ion:104 Resp: 473555

Ion Ratio Lower Upper

104 100

78 46.1 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 30.374 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

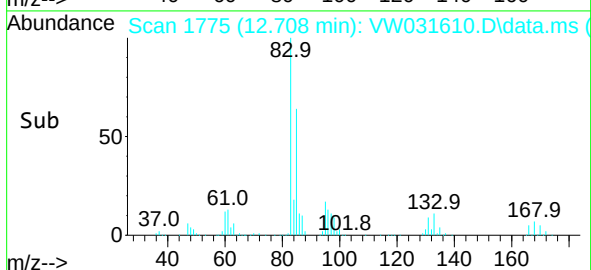
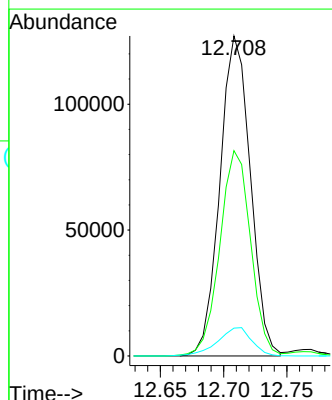
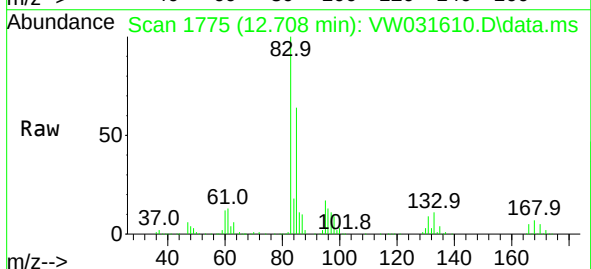
Tgt Ion: 83 Resp: 212948

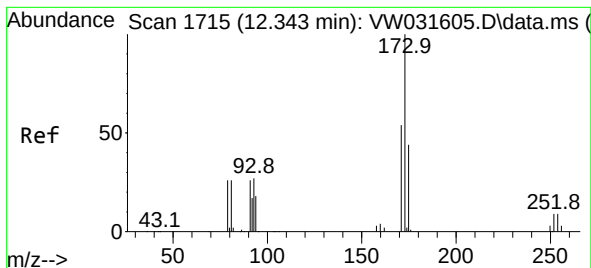
Ion Ratio Lower Upper

83 100

85 64.1 44.1 81.9

131 8.7 7.4 11.0





#59

Bromoform

Concen: 38.996 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031610.D

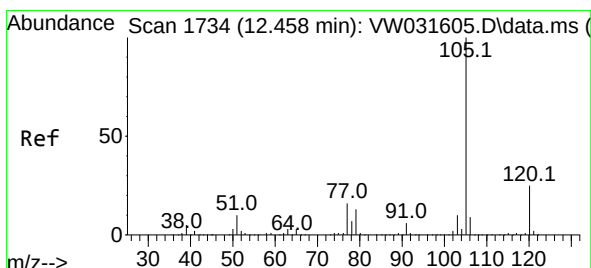
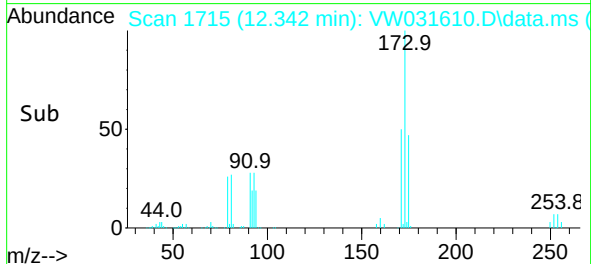
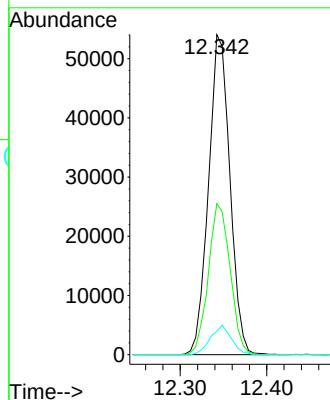
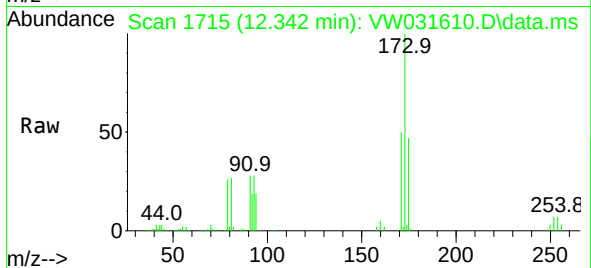
Acq: 28 Jan 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	92718
Ion Ratio	Lower	Upper
173	100	
175	48.0	37.7 56.5
254	9.0	7.1 10.7



#60

Isopropylbenzene

Concen: 22.577 ug/L

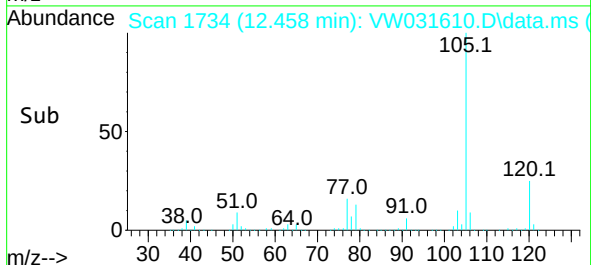
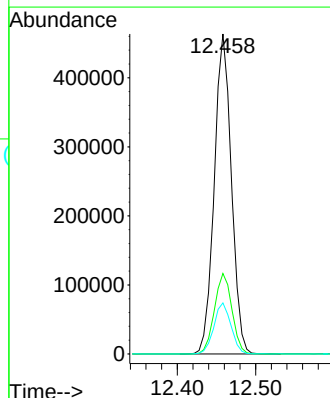
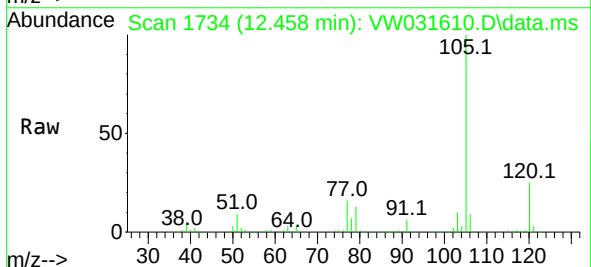
RT: 12.458 min Scan# 1734

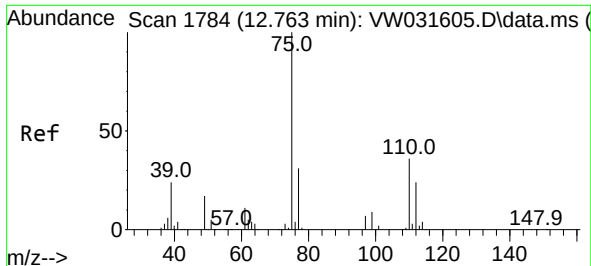
Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Tgt Ion:105	Resp:	703764
Ion Ratio	Lower	Upper
105	100	
120	25.7	20.1 30.1
77	16.0	12.7 19.1

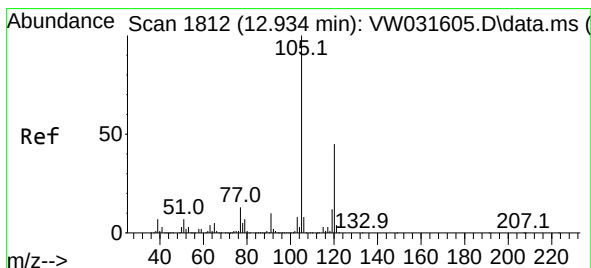
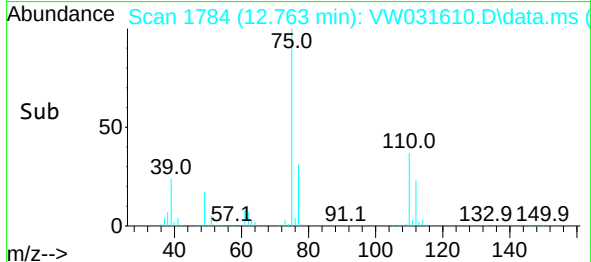
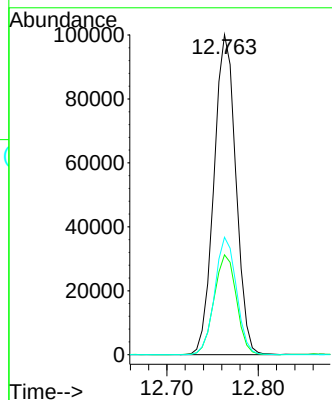
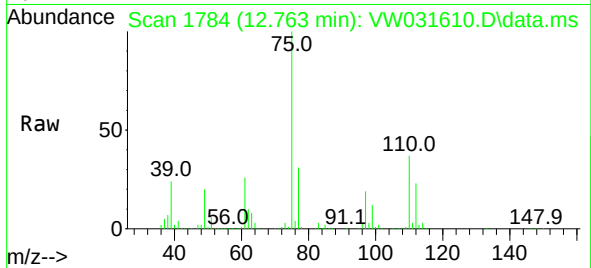




#61
1,2,3-Trichloropropane
Concen: 49.835 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

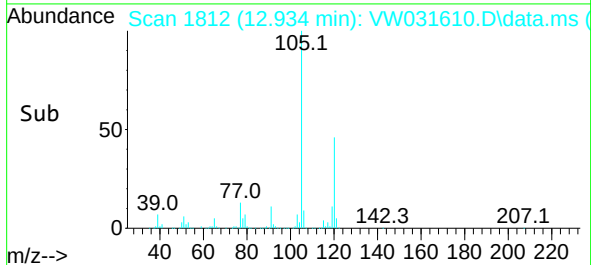
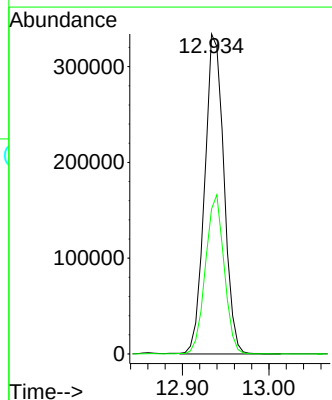
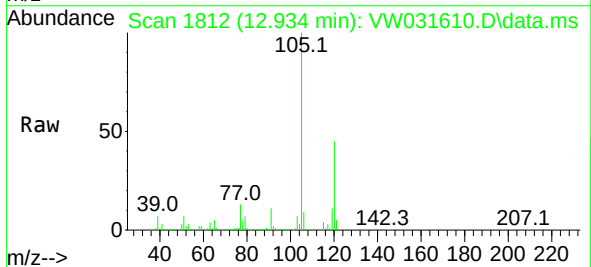
Instrument :
MSVOA_W
ClientSampleId :

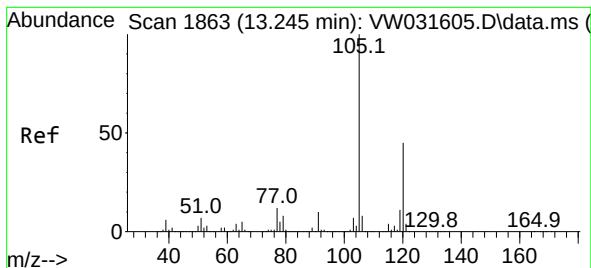
Tgt Ion: 75 Resp: 166989
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 36.3 29.6 44.4



#62
1,3,5-Trimethylbenzene
Concen: 20.057 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

Tgt Ion:105 Resp: 514787
Ion Ratio Lower Upper
105 100
120 48.2 37.6 56.4





#63

1,2,4-Trimethylbenzene

Concen: 20.082 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Instrument :

MSVOA_W

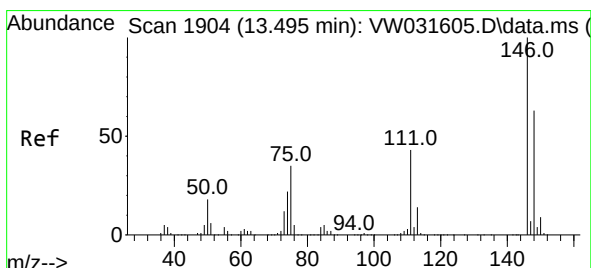
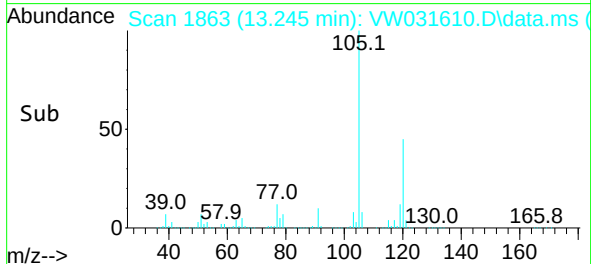
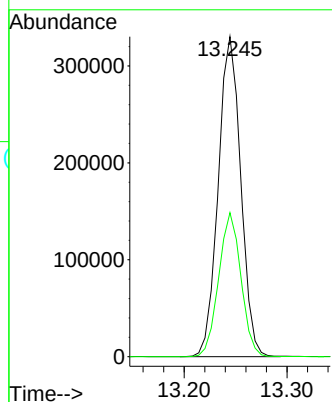
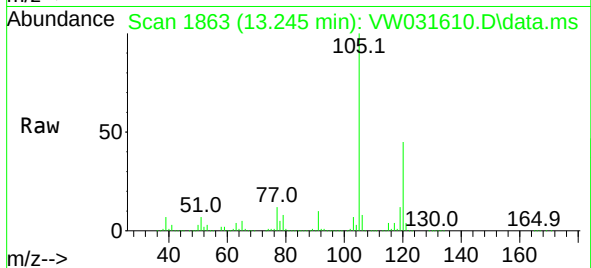
ClientSampleId :

Tgt Ion:105 Resp: 501666

Ion Ratio Lower Upper

105 100

120 44.5 36.3 54.5



#64

1,3-Dichlorobenzene

Concen: 16.699 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

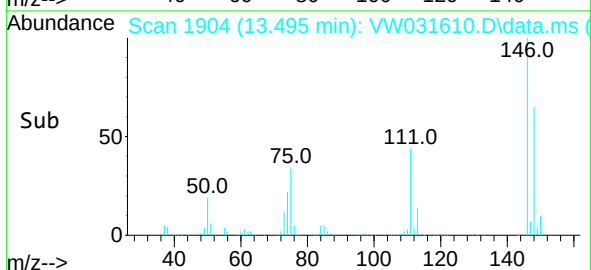
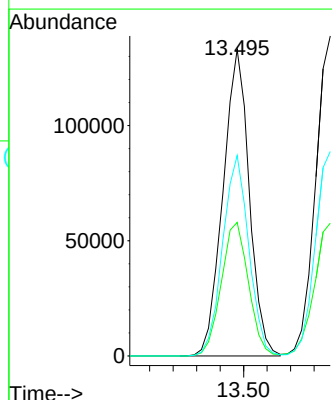
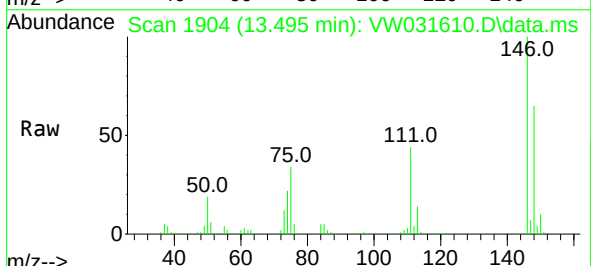
Tgt Ion:146 Resp: 206451

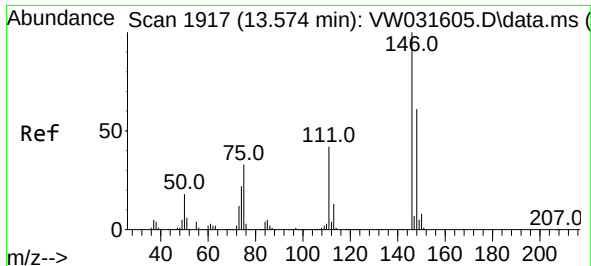
Ion Ratio Lower Upper

146 100

111 43.6 30.4 56.5

148 65.4 42.1 78.1

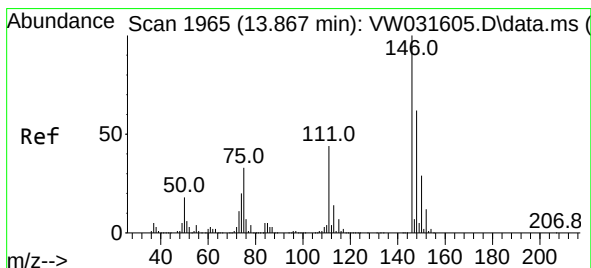
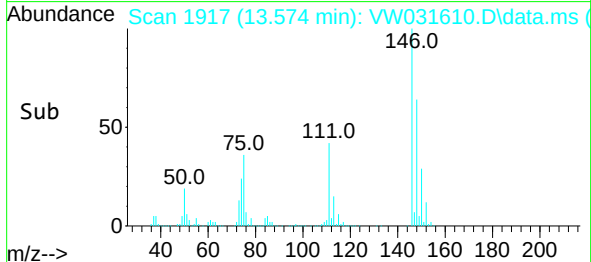
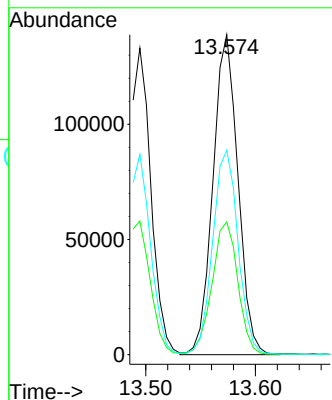
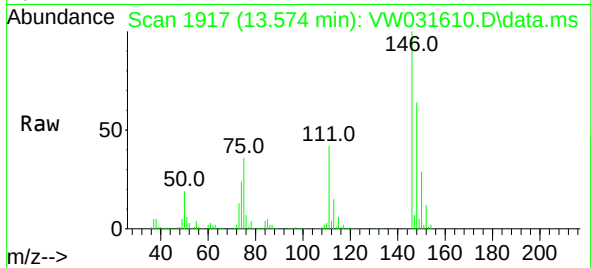




#65
1,4-Dichlorobenzene
Concen: 17.970 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

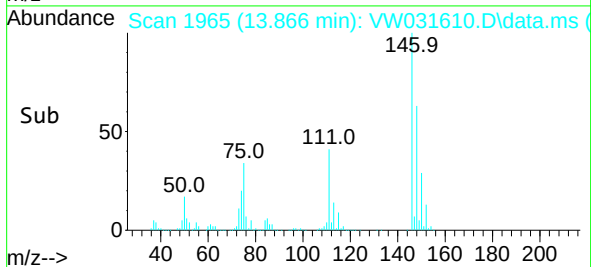
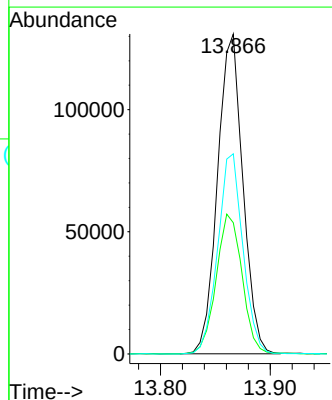
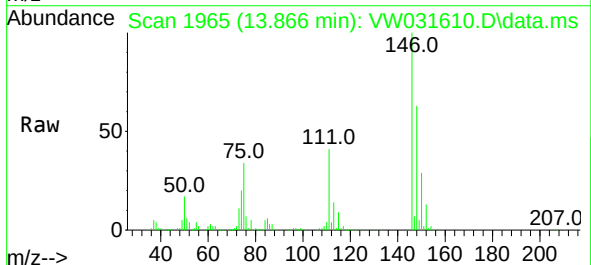
Instrument :
MSVOA_W
ClientSampleId :

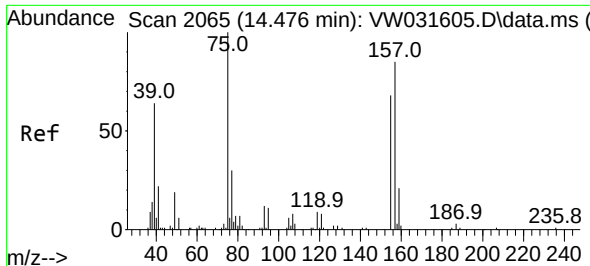
Tgt Ion:146 Resp: 219733
Ion Ratio Lower Upper
146 100
111 41.5 28.5 52.9
148 63.9 45.4 84.4



#67
1,2-Dichlorobenzene
Concen: 19.899 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031610.D
Acq: 28 Jan 2025 11:50

Tgt Ion:146 Resp: 210092
Ion Ratio Lower Upper
146 100
111 41.0 36.6 55.0
148 62.5 51.0 76.4

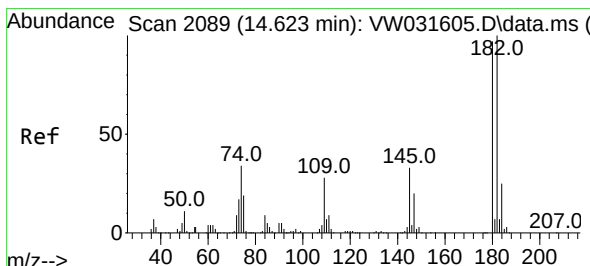
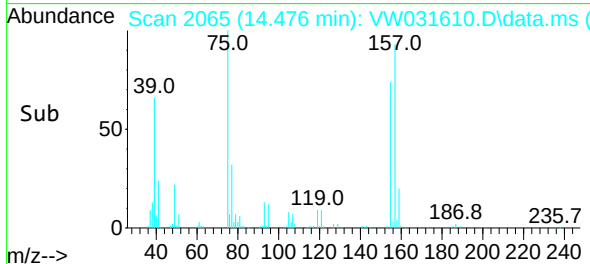
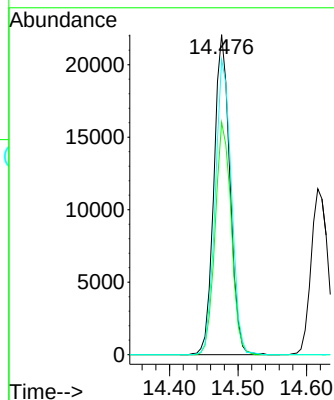
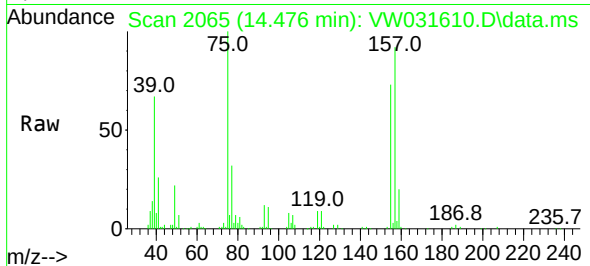




#68
 1,2-Dibromo-3-chloropropane
 Concen: 47.668 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50

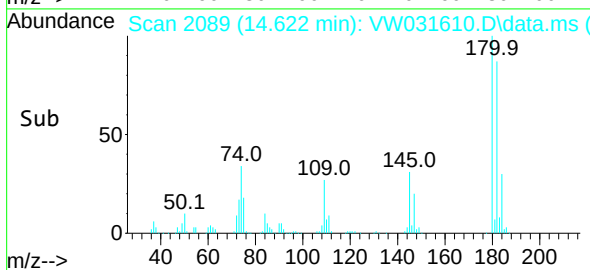
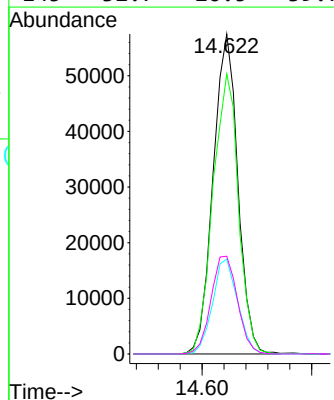
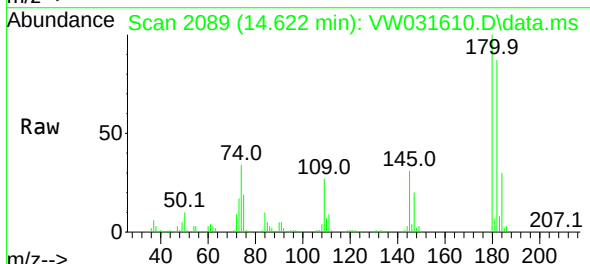
Instrument :
 MSVOA_W
 ClientSampleId :

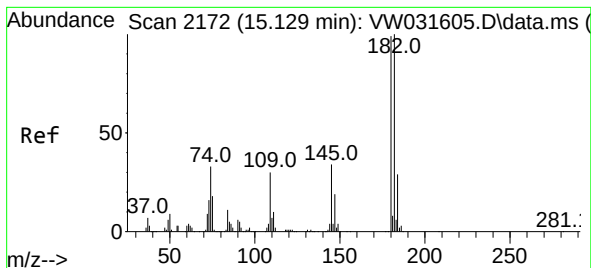
Tgt Ion: 75 Resp: 35710
 Ion Ratio Lower Upper
 75 100
 155 72.6 51.0 76.4
 157 92.2 70.2 105.2



#69
 1,3,5-Trichlorobenzene
 Concen: 10.739 ug/L
 RT: 14.622 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50

Tgt Ion: 180 Resp: 89976
 Ion Ratio Lower Upper
 180 100
 182 90.3 74.2 111.4
 184 30.2 23.0 34.4
 145 32.7 26.5 39.7





#70

1,2,4-trichlorobenzene

Concen: 10.627 ug/L

RT: 15.122 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

Instrument :

MSVOA_W

ClientSampleId :

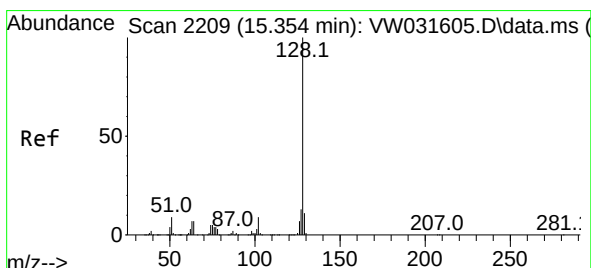
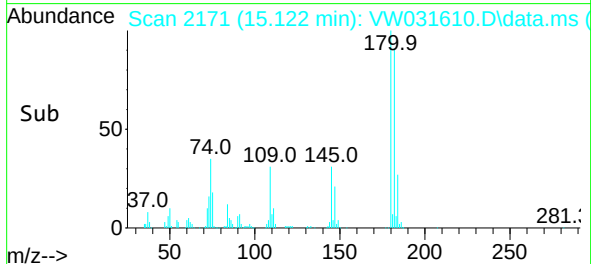
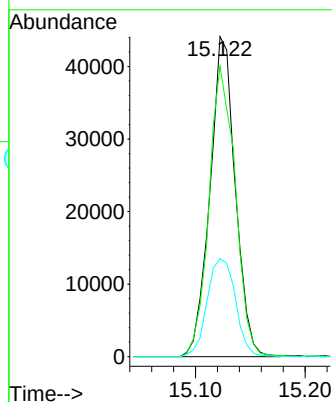
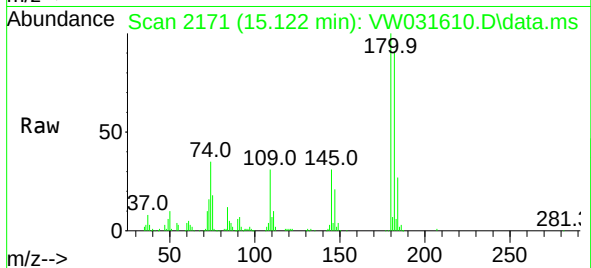
Tgt Ion:180 Resp: 70914

Ion Ratio Lower Upper

180 100

182 94.2 77.7 116.5

145 34.2 26.6 39.8



#71

Naphthalene

Concen: 20.294 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031610.D

Acq: 28 Jan 2025 11:50

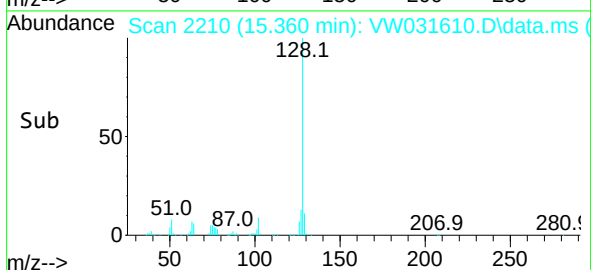
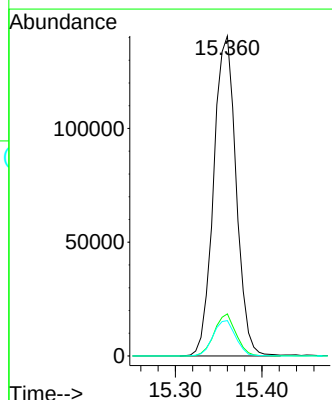
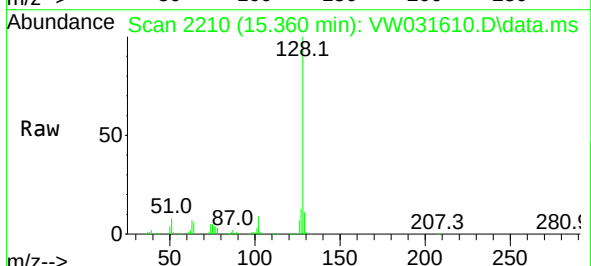
Tgt Ion:128 Resp: 253945

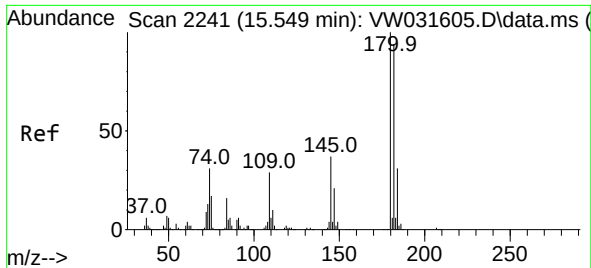
Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

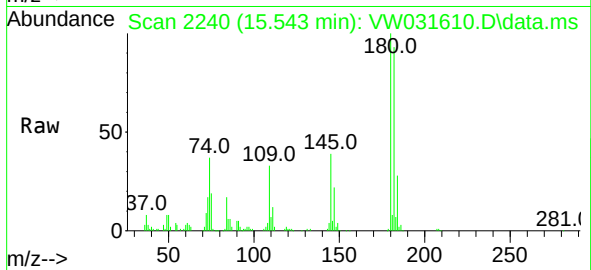
129 11.2 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 10.536 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031610.D
 Acq: 28 Jan 2025 11:50

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	59218
Ion Ratio	Lower	Upper	
180	100		
182	99.0	76.9	115.3
145	38.5	30.1	45.1

