

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031820.D
 Acq On : 11 Jul 2025 15:10
 Operator : SY/MD
 Sample : VW0711SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 11 22:49:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	203412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	392643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	357866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	171573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	159039	54.481	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 108.960%	
35) Dibromofluoromethane	7.904	113	128512	50.158	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 100.320%	
50) Toluene-d8	10.330	98	486006	50.972	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	12.617	95	182626	52.047	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 104.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.045	85	27038	19.518	ug/l	100
3) Chloromethane	2.259	50	34044	20.384	ug/l	97
4) Vinyl Chloride	2.411	62	44073	20.077	ug/l	95
5) Bromomethane	2.832	94	33939	19.794	ug/l	93
6) Chloroethane	2.972	64	30579	20.507	ug/l	99
7) Trichlorofluoromethane	3.307	101	35332	17.723	ug/l	94
8) Diethyl Ether	3.722	74	34830	22.992	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	42691	19.293	ug/l	97
10) Methyl Iodide	4.319	142	67543	19.800	ug/l	99
11) Tert butyl alcohol	5.234	59	19043	105.296	ug/l	97
12) 1,1-Dichloroethene	4.082	96	49950	20.608	ug/l	89
13) Acrolein	3.941	56	24174	74.370	ug/l	98
14) Allyl chloride	4.709	41	73309	19.713	ug/l	96
15) Acrylonitrile	5.411	53	80524	108.092	ug/l	100
16) Acetone	4.161	43	60573	83.950	ug/l	98
17) Carbon Disulfide	4.429	76	117326	18.090	ug/l	97
18) Methyl Acetate	4.716	43	51459	24.954	ug/l	99
19) Methyl tert-butyl Ether	5.465	73	92821	22.563	ug/l	100
20) Methylene Chloride	4.959	84	84209	26.917	ug/l	99
21) trans-1,2-Dichloroethene	5.459	96	54660	21.224	ug/l	97
22) Diisopropyl ether	6.343	45	168735	23.265	ug/l	95
23) Vinyl Acetate	6.288	43	541155	109.236	ug/l	98
24) 1,1-Dichloroethane	6.246	63	103194	21.946	ug/l	97
25) 2-Butanone	7.197	43	102648	109.352	ug/l	93
26) 2,2-Dichloropropane	7.191	77	47517	17.320	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	66821	22.571	ug/l	96
28) Bromochloromethane	7.532	49	48805	23.520	ug/l	98
29) Tetrahydrofuran	7.556	42	70330	109.404	ug/l	99
30) Chloroform	7.697	83	114158	22.848	ug/l	100
31) Cyclohexane	7.971	56	80506	19.369	ug/l	# 89
32) 1,1,1-Trichloroethane	7.892	97	78991	20.514	ug/l	99
36) 1,1-Dichloropropene	8.099	75	73173	19.736	ug/l	100
37) Ethyl Acetate	7.276	43	46234	19.768	ug/l	98
38) Carbon Tetrachloride	8.087	117	70683	18.708	ug/l	92
39) Methylcyclohexane	9.343	83	87283	18.922	ug/l	98
40) Benzene	8.337	78	231718	21.124	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	27154	21.673	ug/l	99
42) 1,2-Dichloroethane	8.416	62	79834	21.540	ug/l	99
43) Isopropyl Acetate	8.440	43	81859	20.304	ug/l	97
44) Trichloroethene	9.105	130	54160	19.782	ug/l	91
45) 1,2-Dichloropropane	9.373	63	56258	21.221	ug/l	100
46) Dibromomethane	9.465	93	37685	22.018	ug/l	93
47) Bromodichloromethane	9.654	83	85898	21.402	ug/l	96
48) Methyl methacrylate	9.446	41	40937	20.651	ug/l	100
49) 1,4-Dioxane	9.465	88	7548	376.531	ug/l #	85
51) 4-Methyl-2-Pentanone	10.215	43	246255	106.244	ug/l	99
52) Toluene	10.391	92	146575	20.870	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	76824	20.401	ug/l	99
54) cis-1,3-Dichloropropene	10.074	75	86527	20.269	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	49809	22.216	ug/l	97
56) Ethyl methacrylate	10.647	69	65688	21.596	ug/l	99
57) 1,3-Dichloropropane	10.934	76	86315	21.928	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	179873	107.393	ug/l	97
59) 2-Hexanone	10.971	43	170031	108.255	ug/l	99
60) Dibromochloromethane	11.129	129	53999	20.141	ug/l	95
61) 1,2-Dibromoethane	11.239	107	48431	21.578	ug/l	98
64) Tetrachloroethene	10.867	164	44013	18.802	ug/l	92
65) Chlorobenzene	11.659	112	163283	20.680	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.726	131	52231	20.759	ug/l	94
67) Ethyl Benzene	11.733	91	278821	20.364	ug/l	95
68) m/p-Xylenes	11.836	106	211012	40.092	ug/l	98
69) o-Xylene	12.165	106	100967	20.719	ug/l	99
70) Styrene	12.178	104	176087	20.901	ug/l	99
71) Bromoform	12.348	173	28701	19.121	ug/l #	98
73) Isopropylbenzene	12.464	105	256245	19.634	ug/l	97
74) N-amyl acetate	12.269	43	73246	20.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	60618	20.922	ug/l	100
76) 1,2,3-Trichloropropane	12.769	75	76505	34.505	ug/l #	1
77) Bromobenzene	12.745	156	59985	20.608	ug/l	94
78) n-propylbenzene	12.799	91	319958	20.473	ug/l	96
79) 2-Chlorotoluene	12.891	91	192096	20.412	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	217817	20.163	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	17121	17.985	ug/l	92
82) 4-Chlorotoluene	12.988	91	204787	20.727	ug/l	100
83) tert-Butylbenzene	13.202	119	177036	19.132	ug/l	98
84) 1,2,4-Trimethylbenzene	13.251	105	226223	20.668	ug/l	98
85) sec-Butylbenzene	13.379	105	268446	19.327	ug/l	99
86) p-Isopropyltoluene	13.494	119	229404	20.041	ug/l	98
87) 1,3-Dichlorobenzene	13.494	146	121573	20.827	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	118984	19.914	ug/l	91
89) n-Butylbenzene	13.818	91	216660	19.481	ug/l	98
90) Hexachloroethane	14.092	117	38781	18.779	ug/l	94
91) 1,2-Dichlorobenzene	13.866	146	108452	20.327	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.482	75	11136	19.684	ug/l	90
93) 1,2,4-Trichlorobenzene	15.128	180	64504	19.604	ug/l	95
94) Hexachlorobutadiene	15.226	225	27853	17.530	ug/l	88
95) Naphthalene	15.360	128	159171	19.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	58216	19.255	ug/l	94

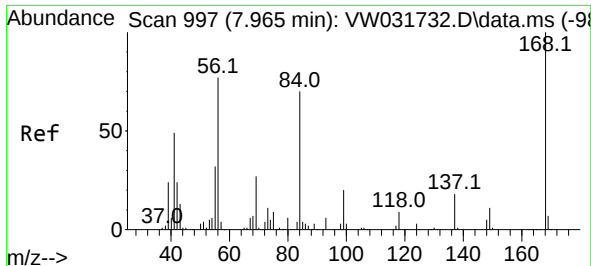
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Acq On : 11 Jul 2025 15:10
Operator : SY/MD
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Response via : Initial Calibration

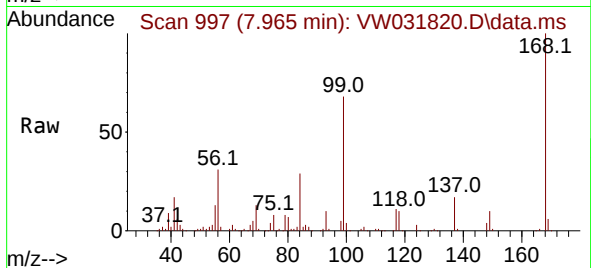
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

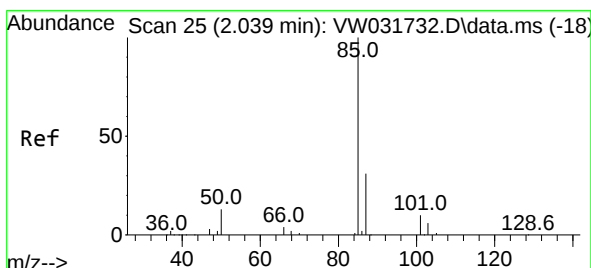
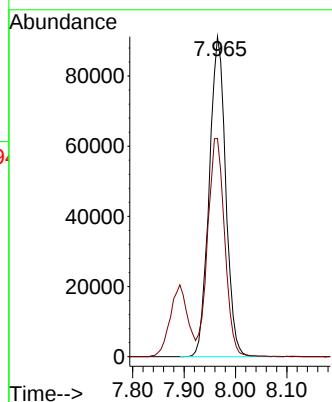
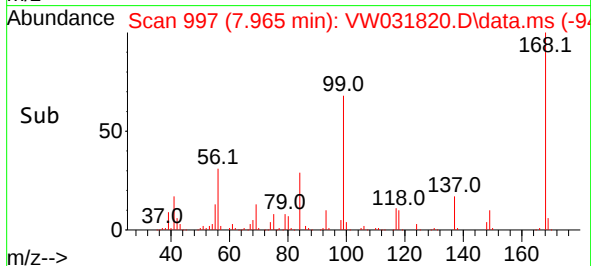


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Instrument :
MSVOA_W
ClientSampleId :

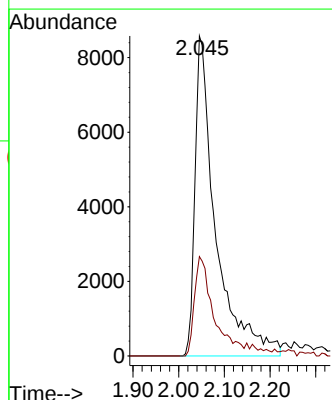
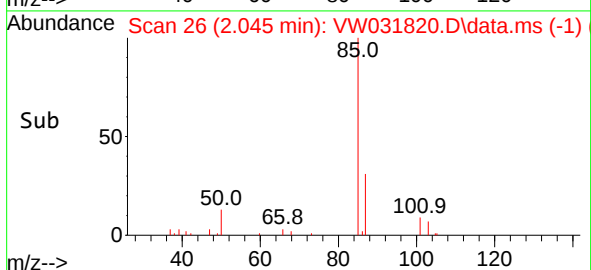
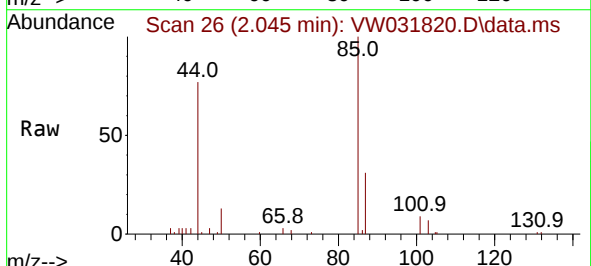


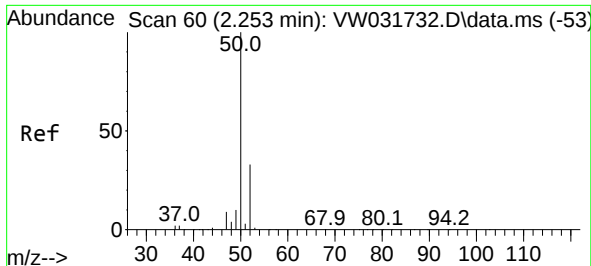
Tgt Ion:168 Resp: 203412
Ion Ratio Lower Upper
168 100
99 68.1 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 19.518 ug/l
RT: 2.045 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 85 Resp: 27038
Ion Ratio Lower Upper
85 100
87 31.0 15.4 46.2

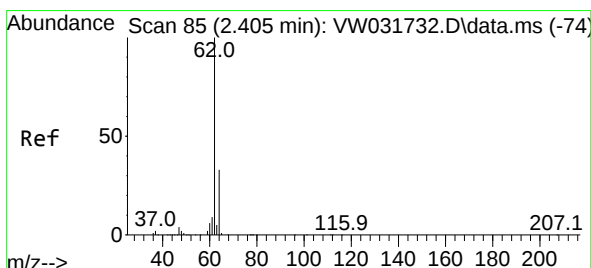
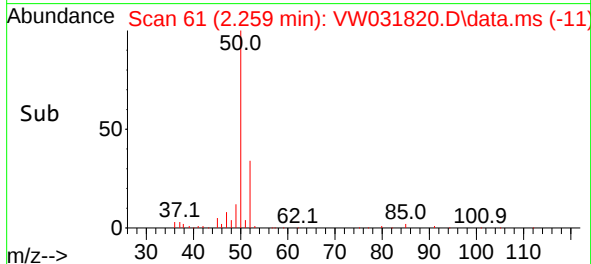
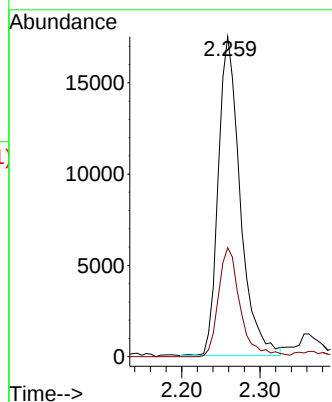
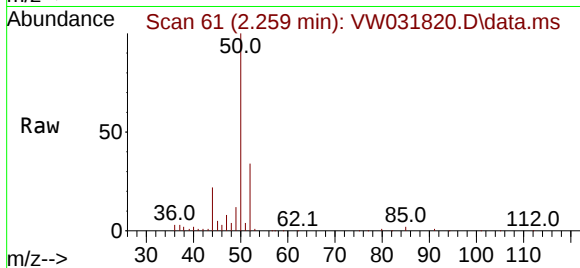




#3
Chloromethane
Concen: 20.384 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

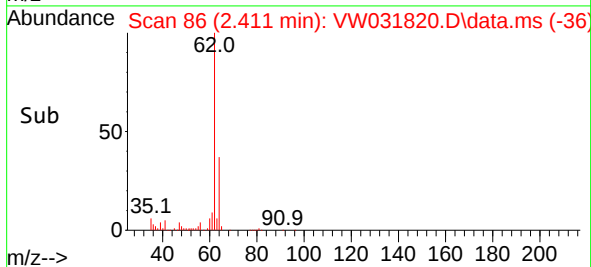
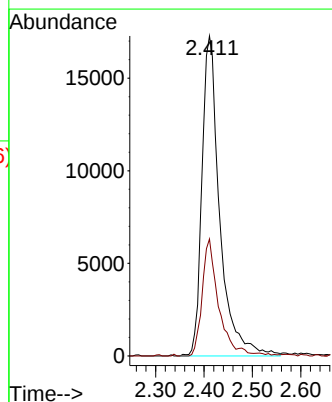
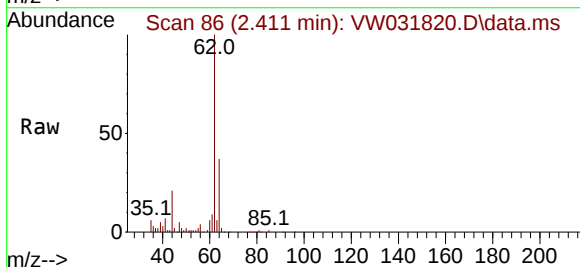
Instrument :
MSVOA_W
ClientSampleId :

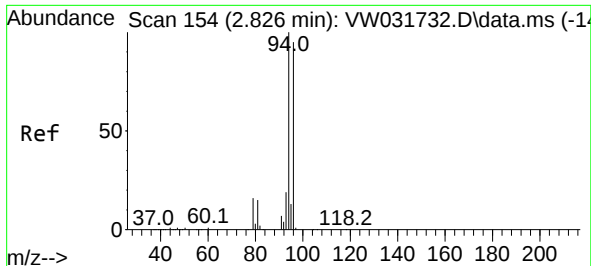
Tgt Ion: 50 Resp: 34044
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.2



#4
Vinyl Chloride
Concen: 20.077 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 62 Resp: 44073
Ion Ratio Lower Upper
62 100
64 36.5 26.8 40.2

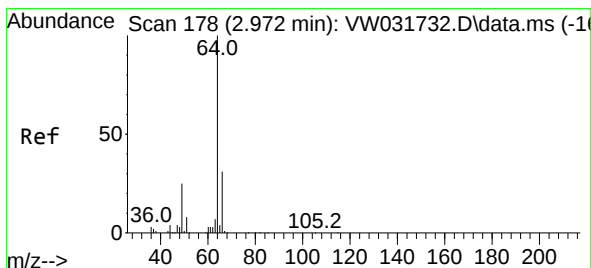
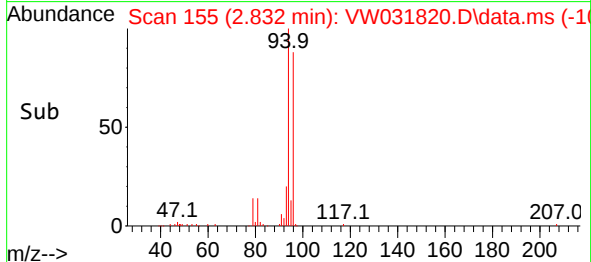
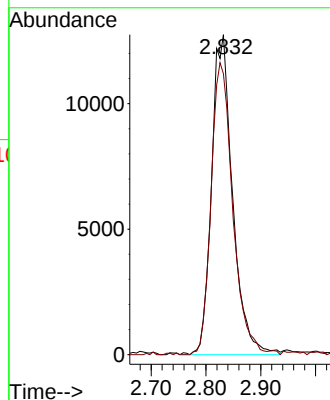
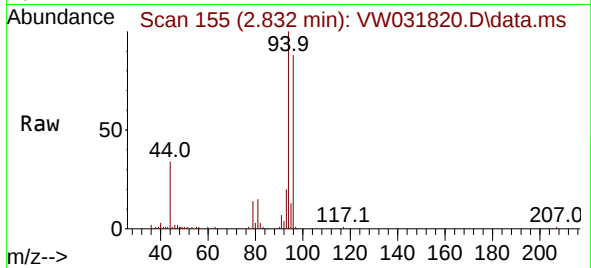




#5
Bromomethane
Concen: 19.794 ug/l
RT: 2.832 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

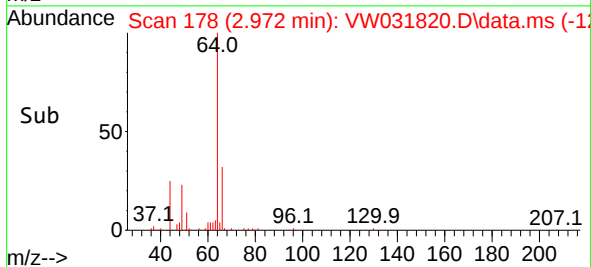
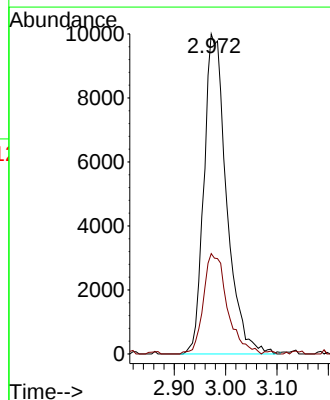
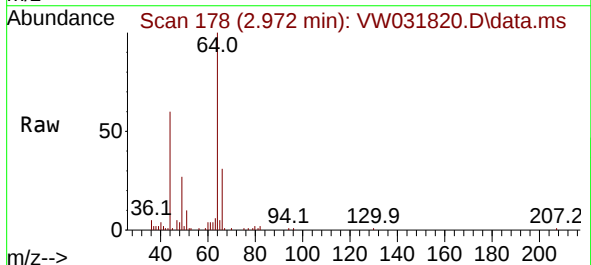
Instrument :
MSVOA_W
ClientSampleId :

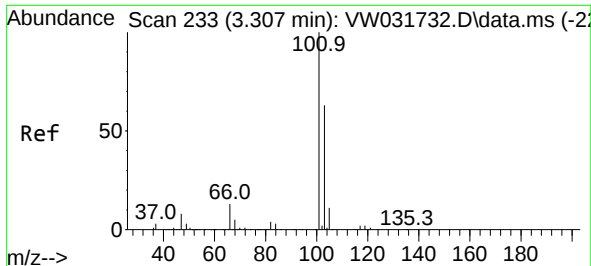
Tgt Ion: 94 Resp: 33939
Ion Ratio Lower Upper
94 100
96 87.8 75.6 113.4



#6
Chloroethane
Concen: 20.507 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 64 Resp: 30579
Ion Ratio Lower Upper
64 100
66 31.4 24.5 36.7

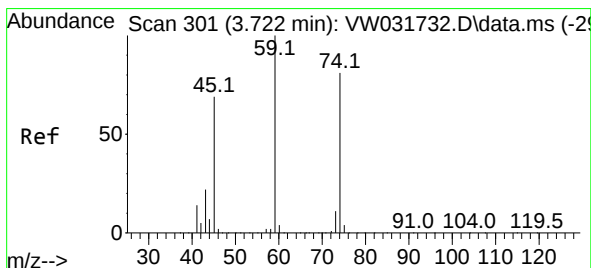
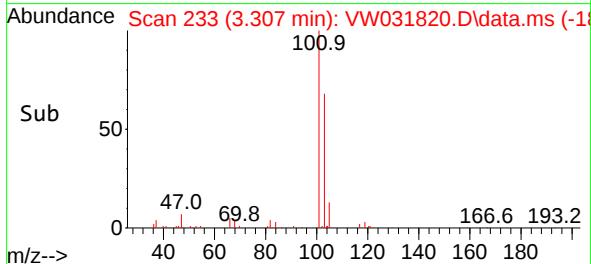
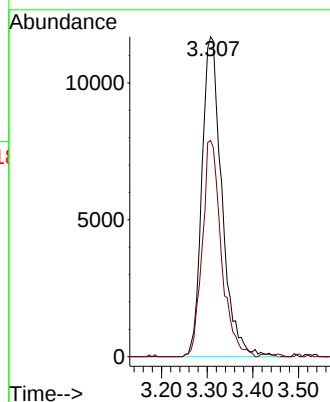
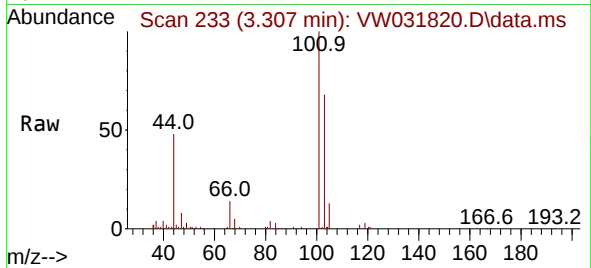




#7
 Trichlorofluoromethane
 Concen: 17.723 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031820.D
 Acq: 11 Jul 2025 15:10

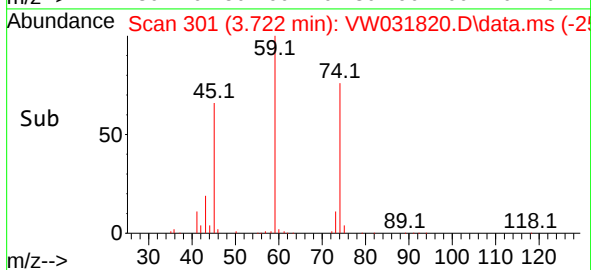
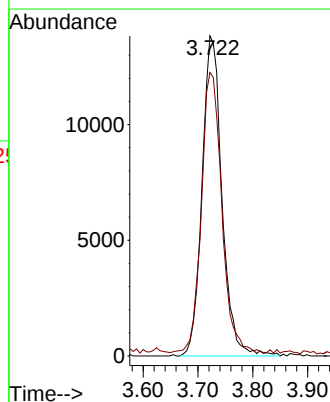
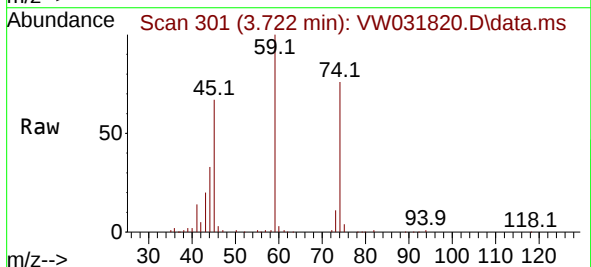
Instrument :
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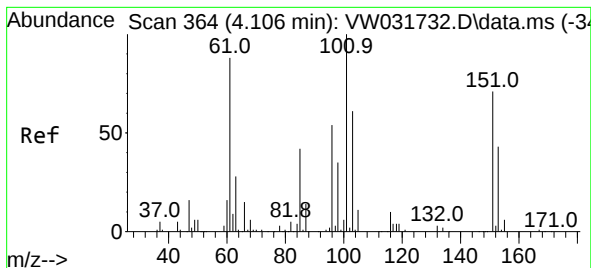
Tgt Ion:101 Resp: 35332
 Ion Ratio Lower Upper
 101 100
 103 67.5 50.2 75.4



#8
 Diethyl Ether
 Concen: 22.992 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW031820.D
 Acq: 11 Jul 2025 15:10

Tgt Ion: 74 Resp: 34830
 Ion Ratio Lower Upper
 74 100
 45 89.3 43.9 131.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.293 ug/l

RT: 4.106 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

ClientSampleId :

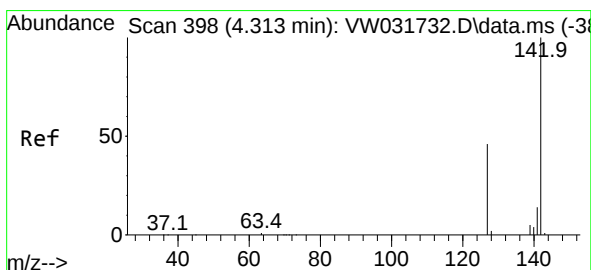
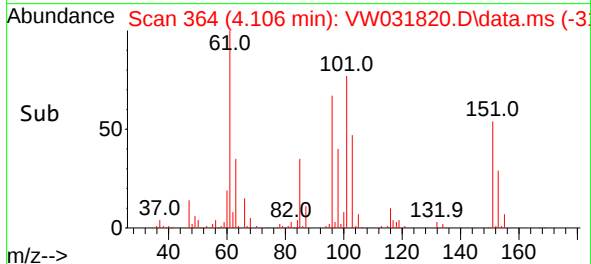
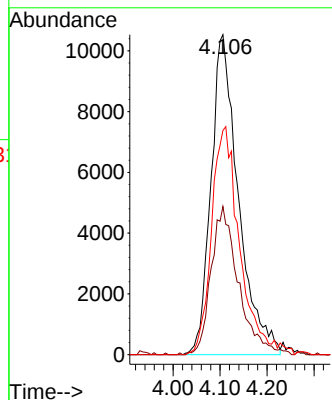
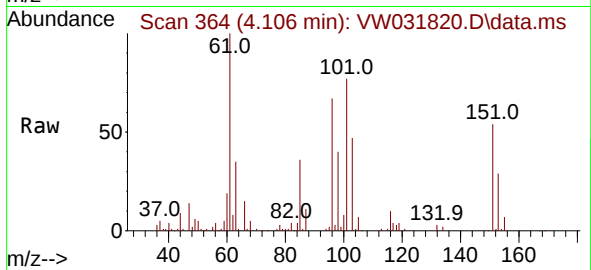
Tgt Ion:101 Resp: 42691

Ion Ratio Lower Upper

101 100

85 46.2 35.6 53.4

151 73.4 56.8 85.2



#10

Methyl Iodide

Concen: 19.800 ug/l

RT: 4.319 min Scan# 399

Delta R.T. 0.006 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

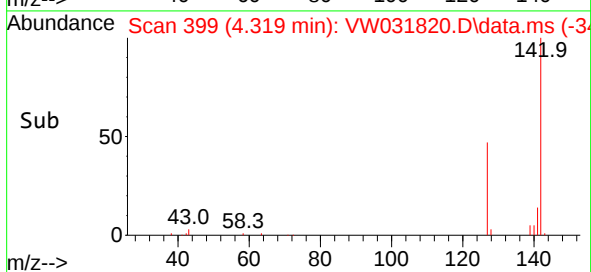
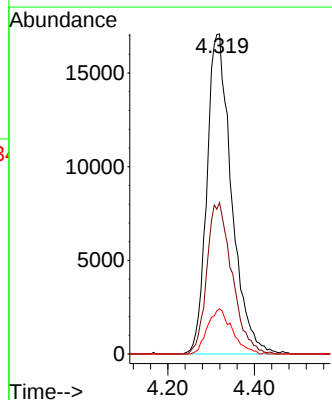
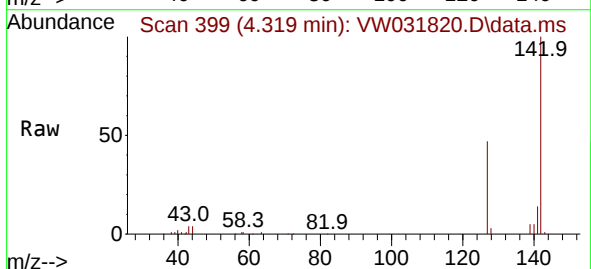
Tgt Ion:142 Resp: 67543

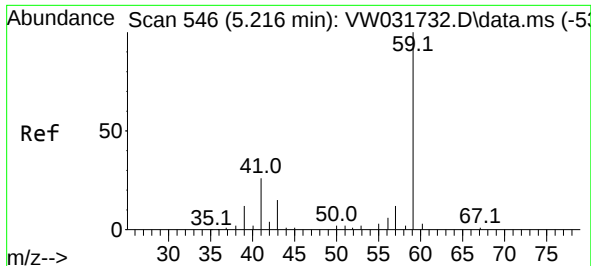
Ion Ratio Lower Upper

142 100

127 48.4 37.9 56.9

141 14.2 11.7 17.5

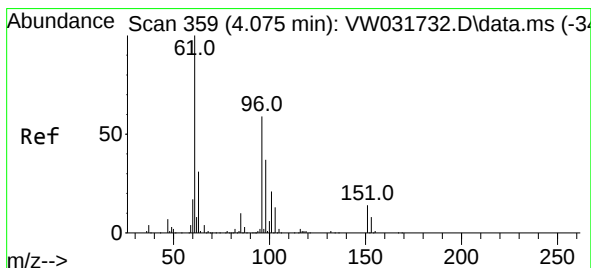
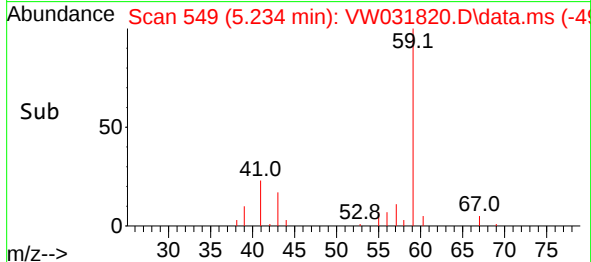
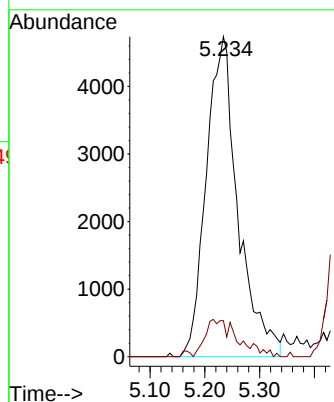
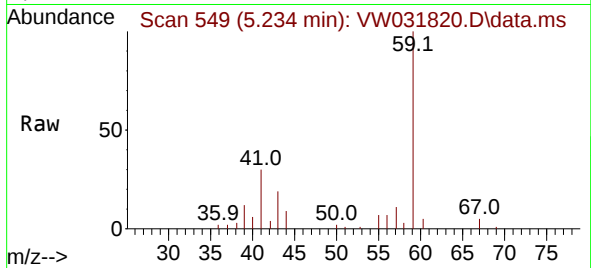




#11
Tert butyl alcohol
Concen: 105.296 ug/l
RT: 5.234 min Scan# 546
Delta R.T. 0.018 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

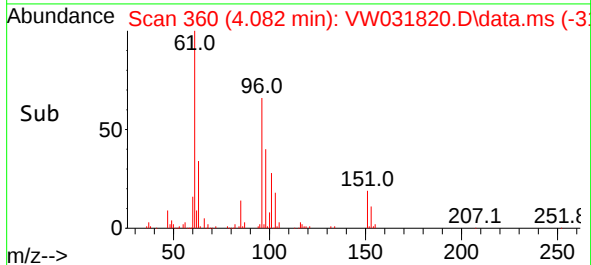
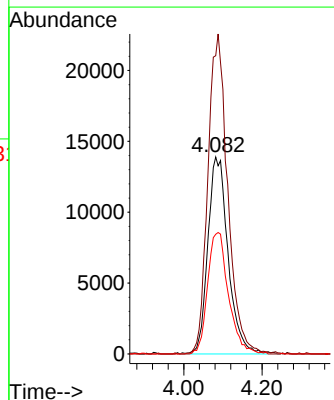
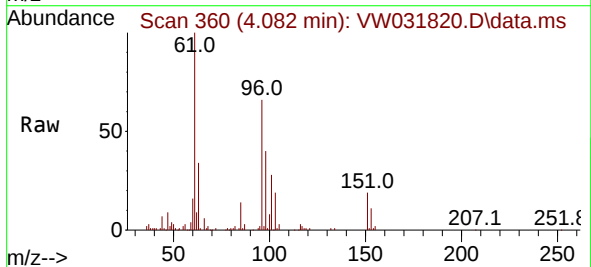
Instrument :
MSVOA_W
ClientSampleId :

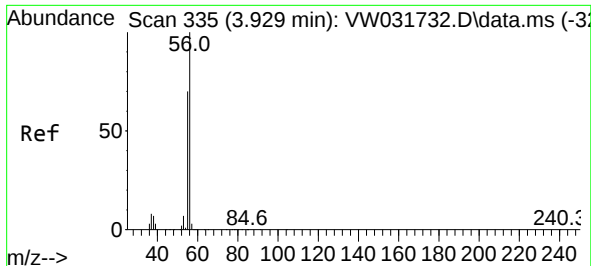
Tgt Ion: 59 Resp: 19043
Ion Ratio Lower Upper
59 100
57 10.6 9.5 14.3



#12
1,1-Dichloroethene
Concen: 20.608 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 96 Resp: 49950
Ion Ratio Lower Upper
96 100
61 151.4 135.8 203.8
98 60.7 50.4 75.6

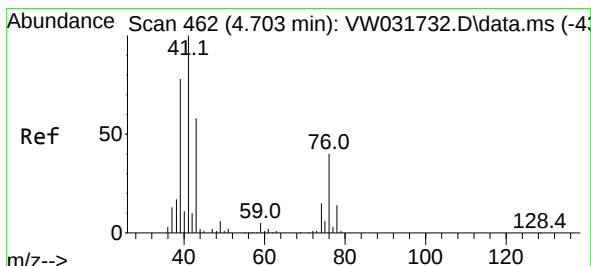
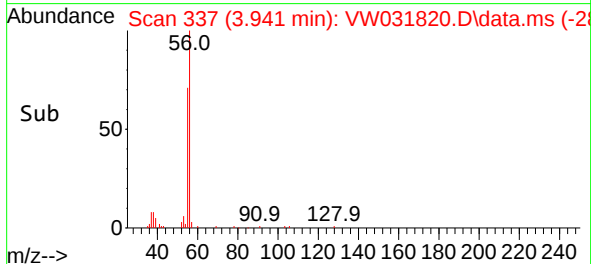
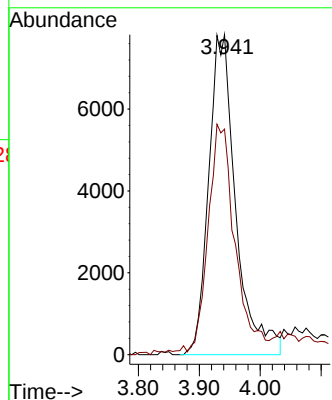
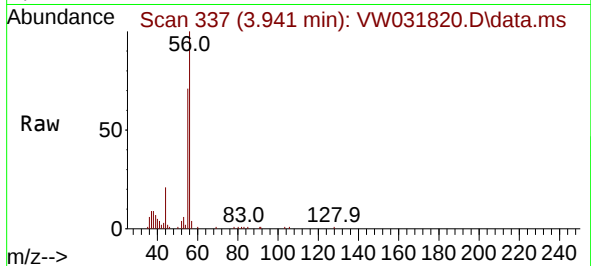




#13
Acrolein
Concen: 74.370 ug/l
RT: 3.941 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

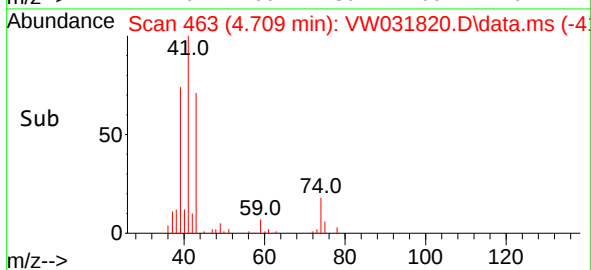
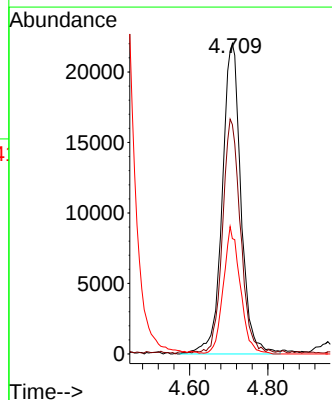
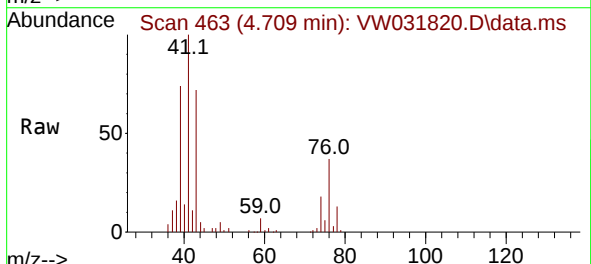
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 24174
Ion Ratio Lower Upper
56 100
55 69.4 54.0 81.0



#14
Allyl chloride
Concen: 19.713 ug/l
RT: 4.709 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

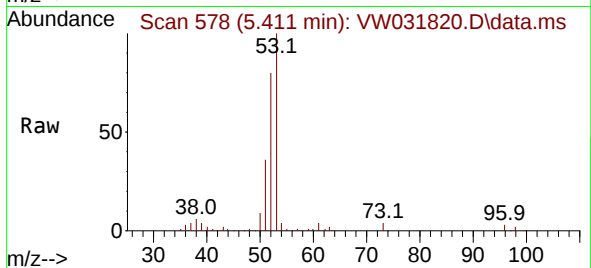
Tgt Ion: 41 Resp: 73309
Ion Ratio Lower Upper
41 100
39 71.8 60.7 91.1
76 37.2 30.3 45.5





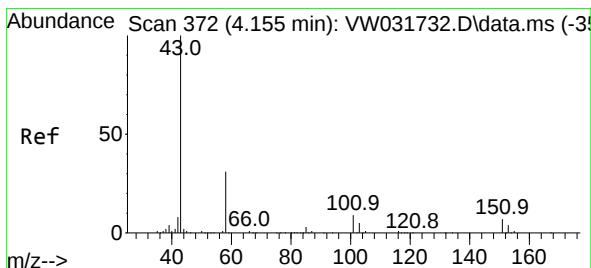
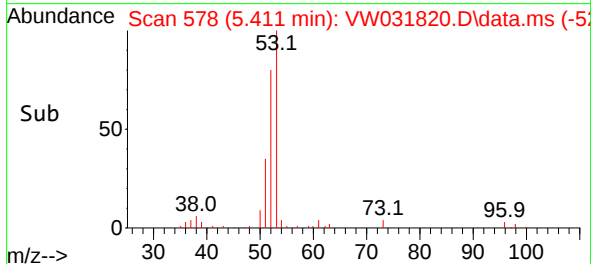
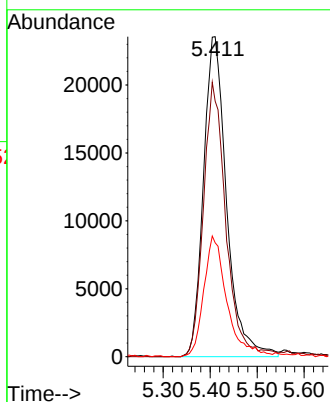
#15
Acrylonitrile
Concen: 108.092 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 53 Resp: 80524

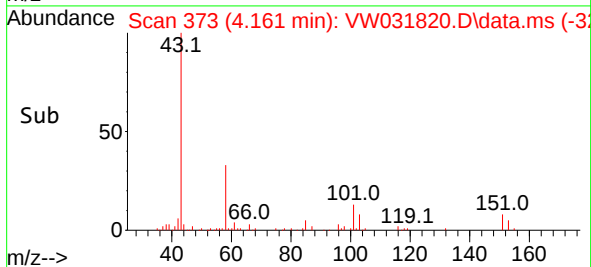
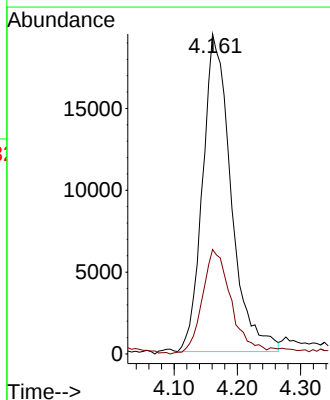
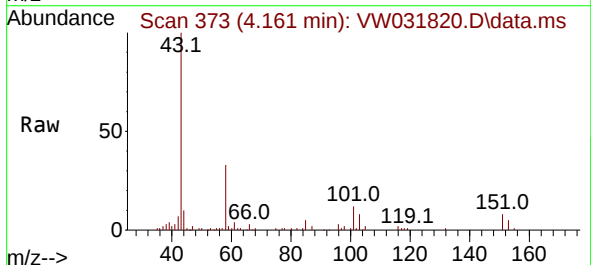
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.4	99.6
51	37.6	29.9	44.9

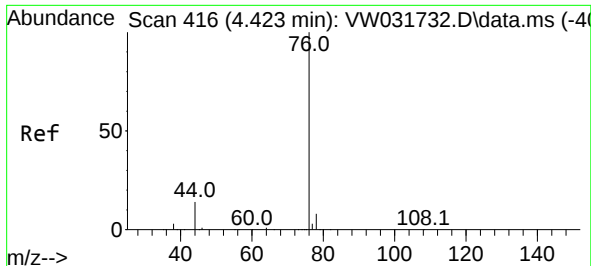


#16
Acetone
Concen: 83.950 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 43 Resp: 60573

Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.8	37.2

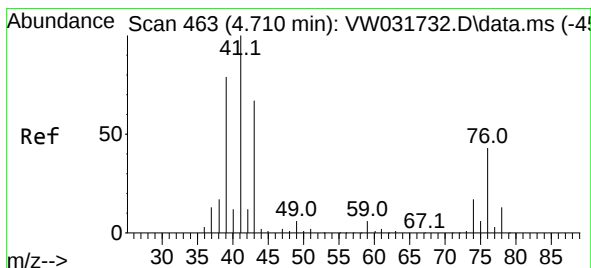
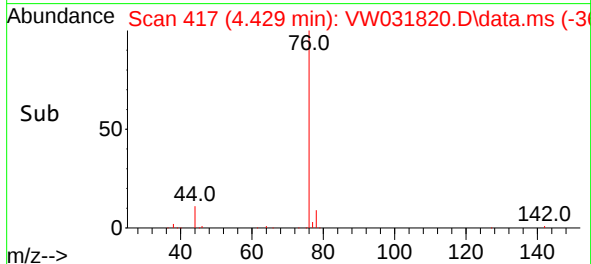
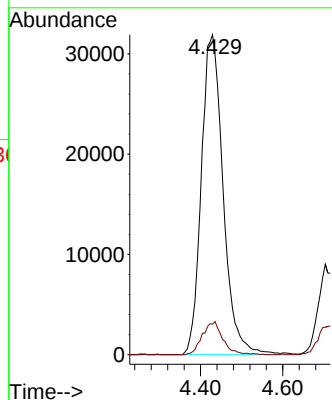
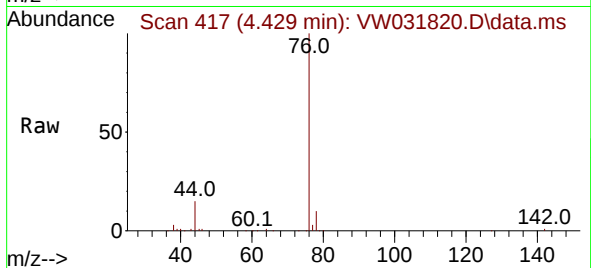




#17
Carbon Disulfide
Concen: 18.090 ug/l
RT: 4.429 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

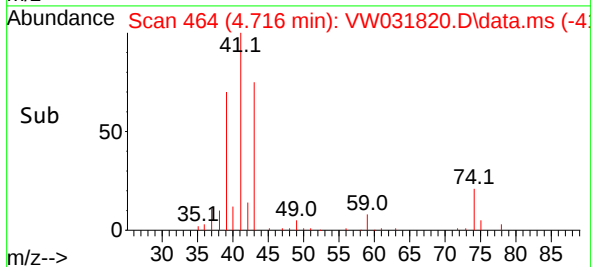
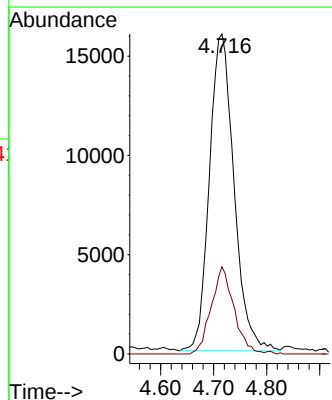
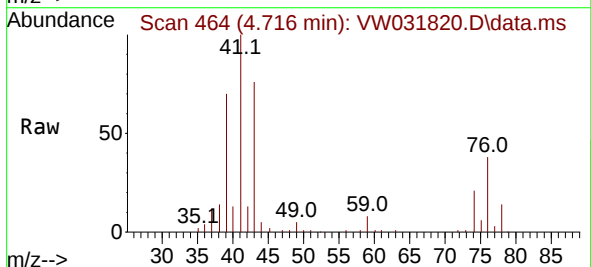
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 76 Resp: 117326
Ion Ratio Lower Upper
76 100
78 9.5 6.6 10.0



#18
Methyl Acetate
Concen: 24.954 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 43 Resp: 51459
Ion Ratio Lower Upper
43 100
74 25.3 20.6 30.8

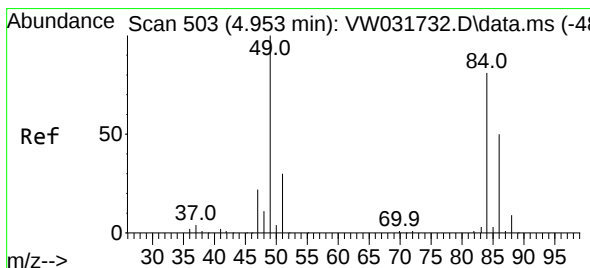
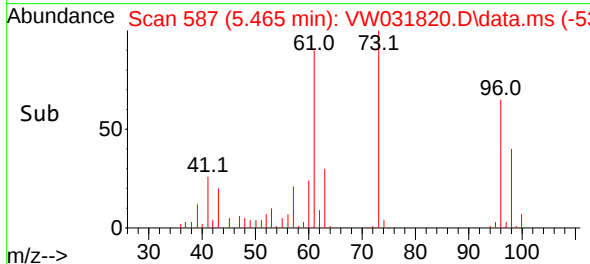
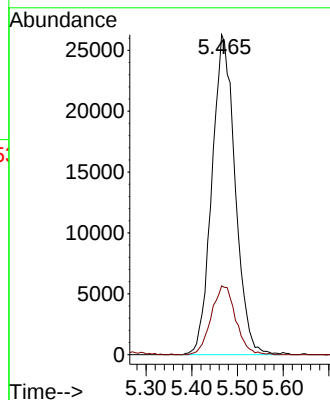
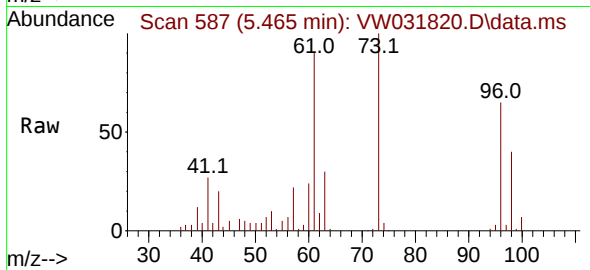




#19
Methyl tert-butyl Ether
Concen: 22.563 ug/l
RT: 5.465 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

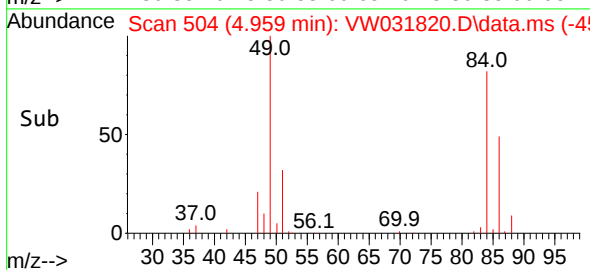
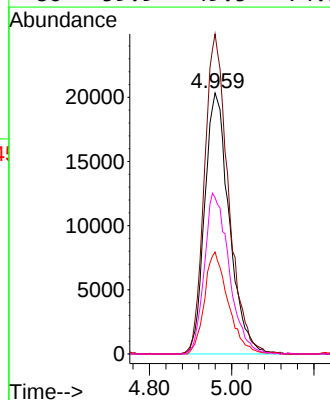
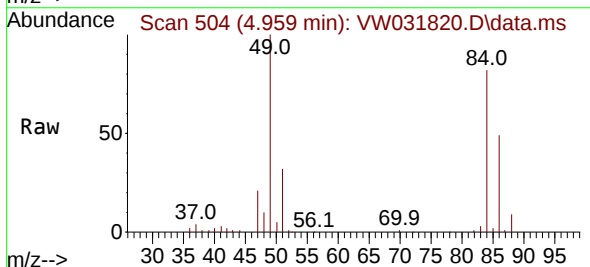
Instrument :
MSVOA_W
ClientSampleId :

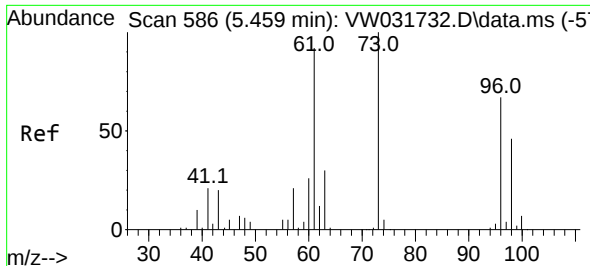
Tgt Ion: 73 Resp: 92821
Ion Ratio Lower Upper
73 100
57 21.5 17.2 25.8



#20
Methylene Chloride
Concen: 26.917 ug/l
RT: 4.959 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 84 Resp: 84209
Ion Ratio Lower Upper
84 100
49 122.6 98.2 147.4
51 39.1 29.8 44.8
86 59.9 49.5 74.3

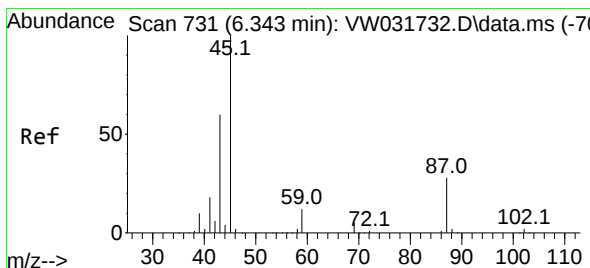
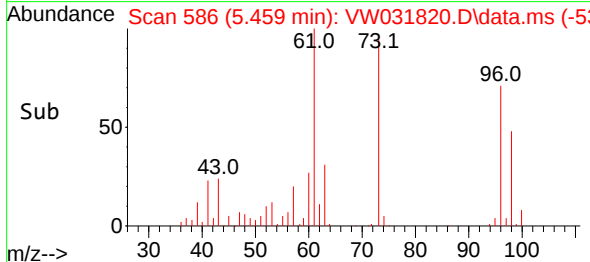
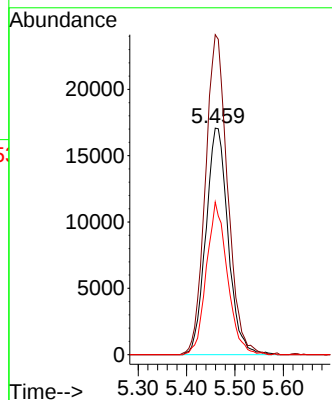
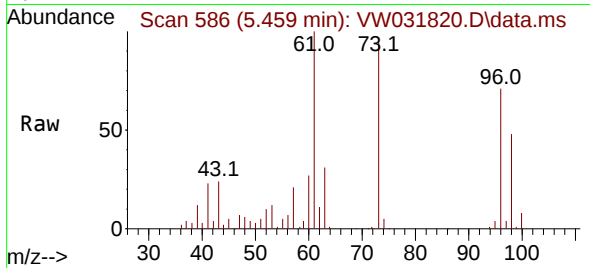




#21
trans-1,2-Dichloroethene
Concen: 21.224 ug/l
RT: 5.459 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

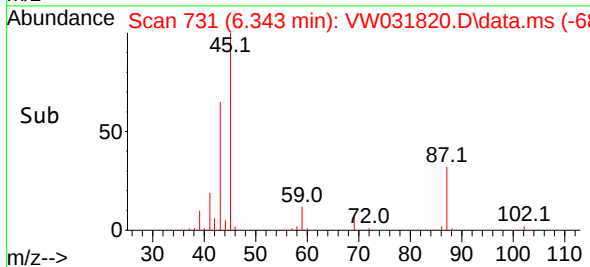
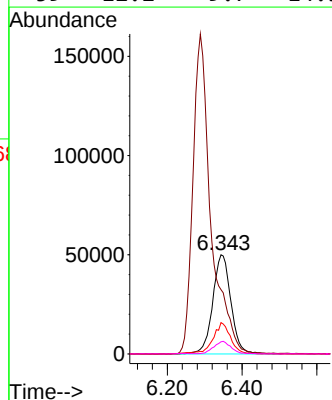
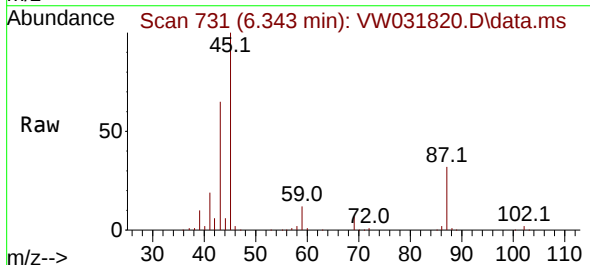
Instrument :
MSVOA_W
ClientSampleId :

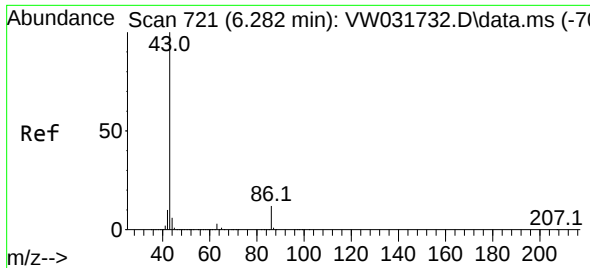
Tgt Ion: 96 Resp: 54660
Ion Ratio Lower Upper
96 100
61 141.2 109.8 164.6
98 67.3 54.9 82.3



#22
Diisopropyl ether
Concen: 23.265 ug/l
RT: 6.343 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 45 Resp: 168735
Ion Ratio Lower Upper
45 100
43 64.2 48.3 72.5
87 31.6 22.6 34.0
59 12.2 9.7 14.5

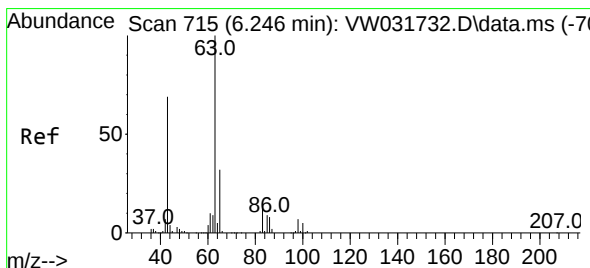
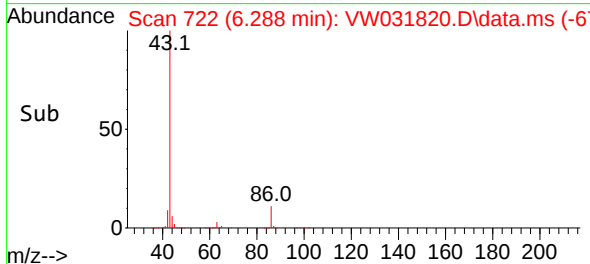
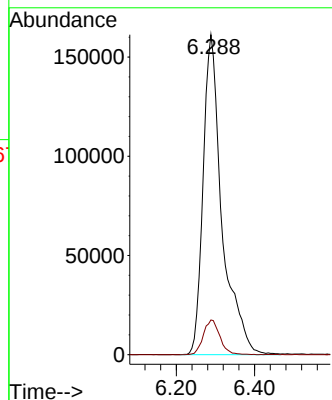
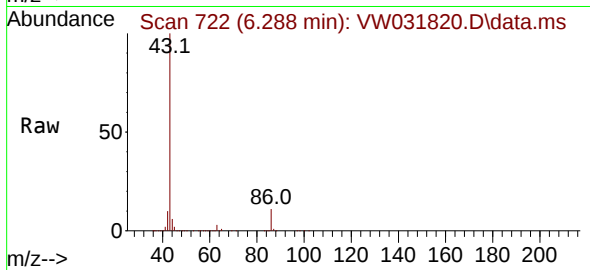




#23
 Vinyl Acetate
 Concen: 109.236 ug/l
 RT: 6.288 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW031820.D
 Acq: 11 Jul 2025 15:10

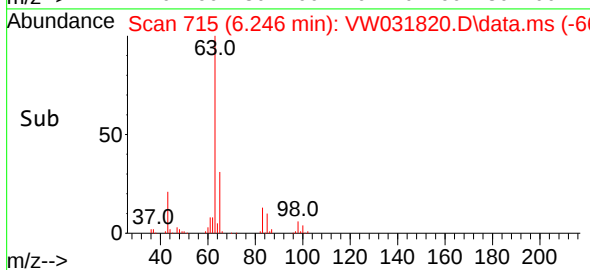
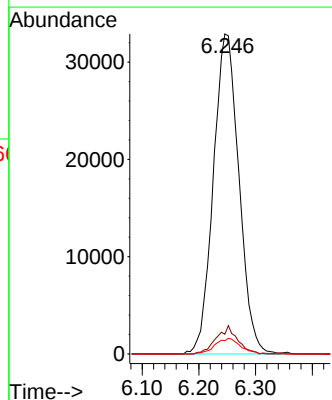
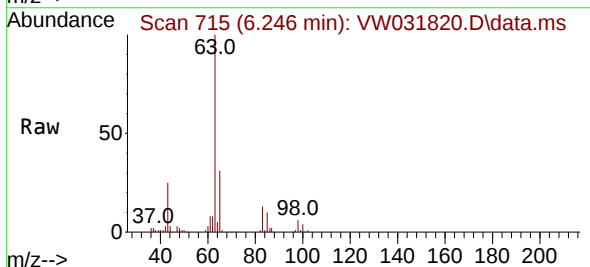
Instrument :
 MSVOA_W
 ClientSampleId :

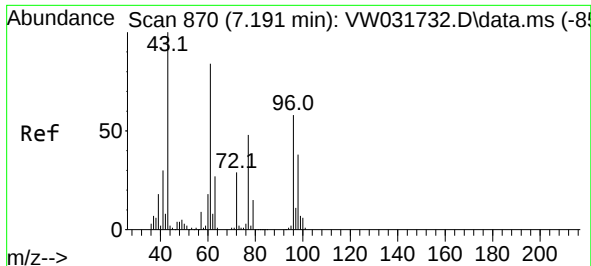
Tgt Ion: 43 Resp: 541155
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 21.946 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW031820.D
 Acq: 11 Jul 2025 15:10

Tgt Ion: 63 Resp: 103194
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 4.1 2.5 7.5

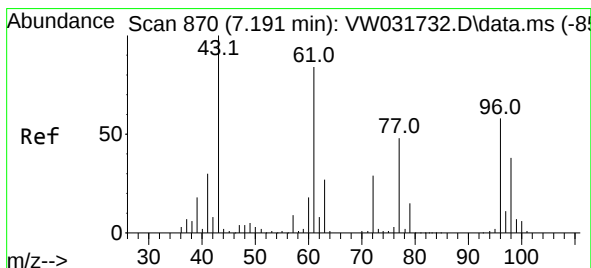
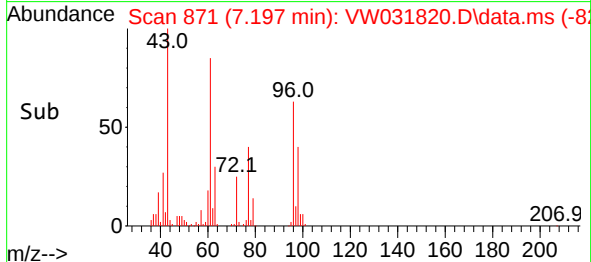
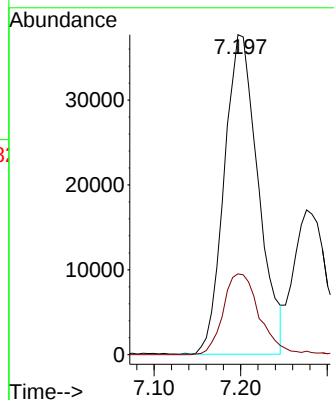
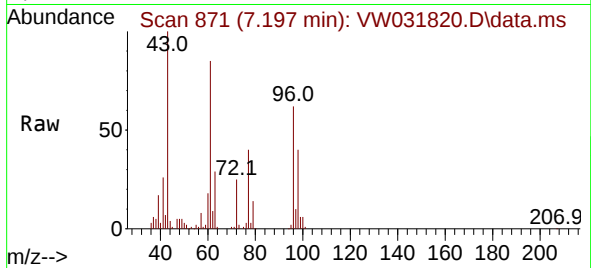




#25
2-Butanone
Concen: 109.352 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

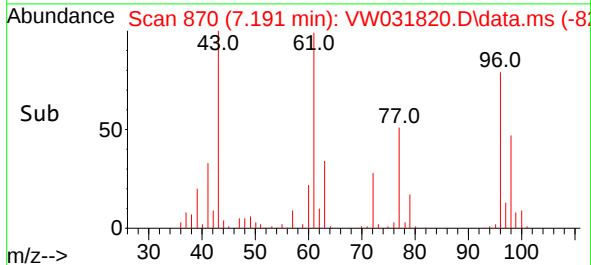
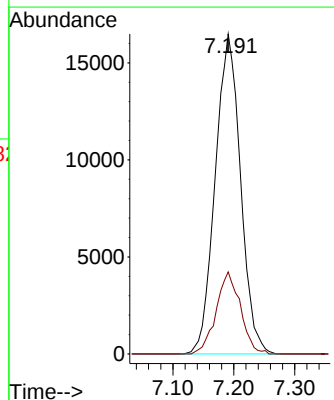
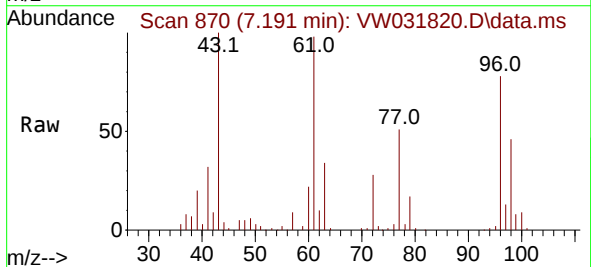
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 102648
Ion Ratio Lower Upper
43 100
72 25.3 23.0 34.6



#26
2,2-Dichloropropane
Concen: 17.320 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 77 Resp: 47517
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.7



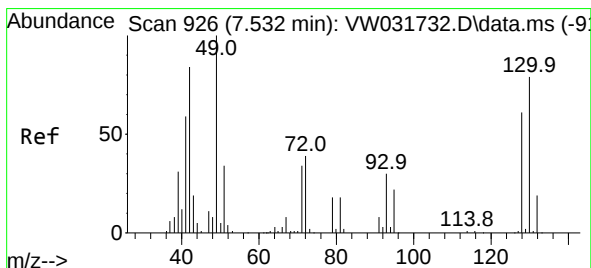
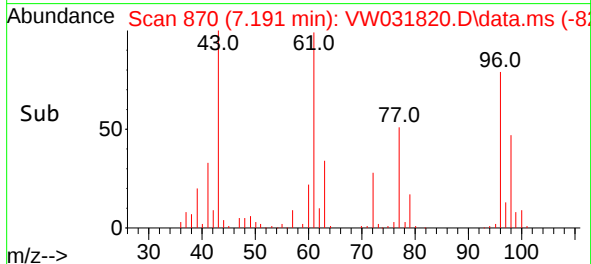
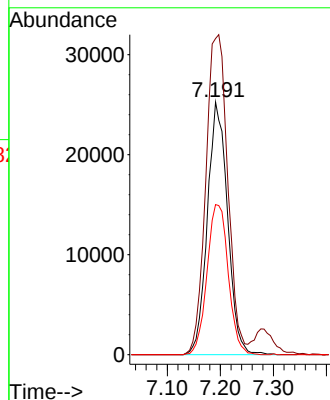
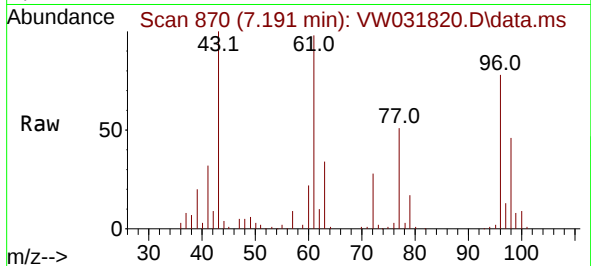


#27
 cis-1,2-Dichloroethene
 Concen: 22.571 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW031820.D
 Acq: 11 Jul 2025 15:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 66821

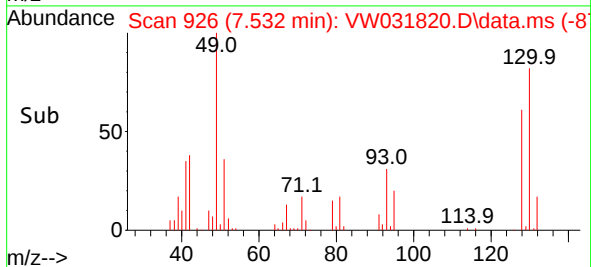
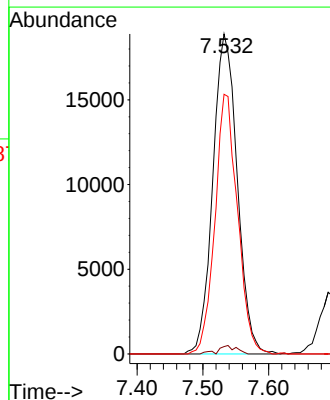
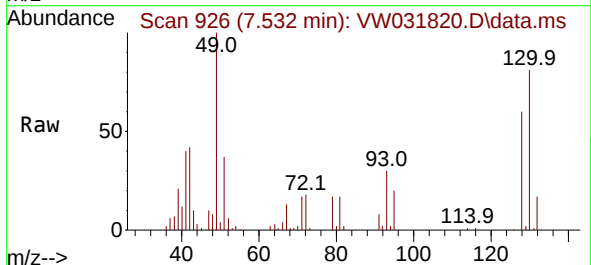
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	286.8
98	62.5	0.0	130.4



#28
 Bromochloromethane
 Concen: 23.520 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW031820.D
 Acq: 11 Jul 2025 15:10

Tgt Ion: 49 Resp: 48805

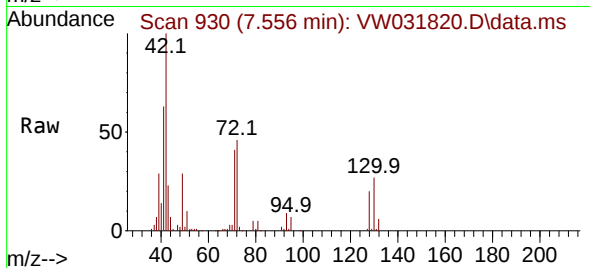
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.4
130	75.0	61.3	91.9



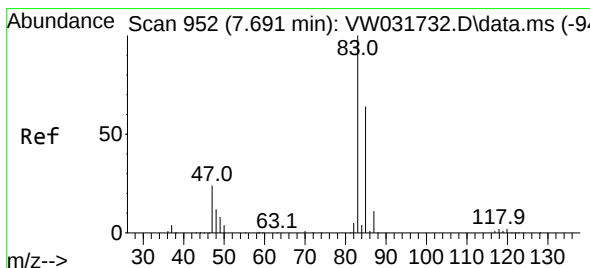
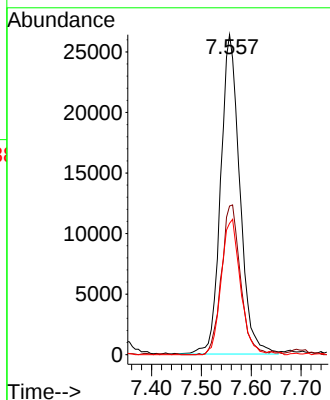
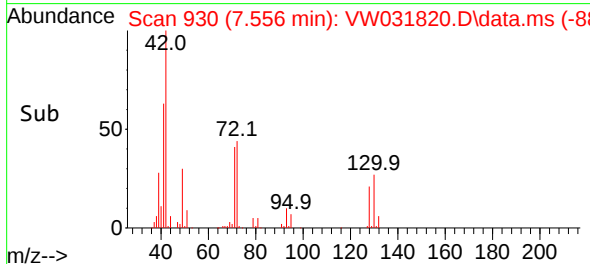


#29
Tetrahydrofuran
Concen: 109.404 ug/l
RT: 7.556 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Instrument :
MSVOA_W
ClientSampleId :

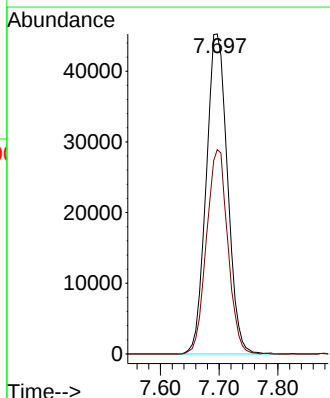
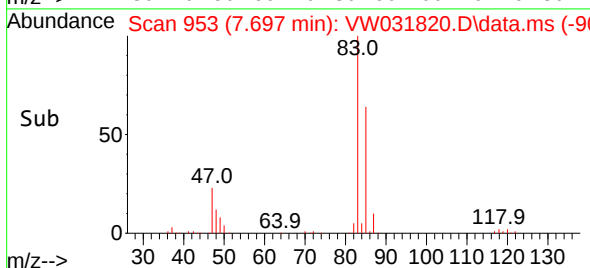
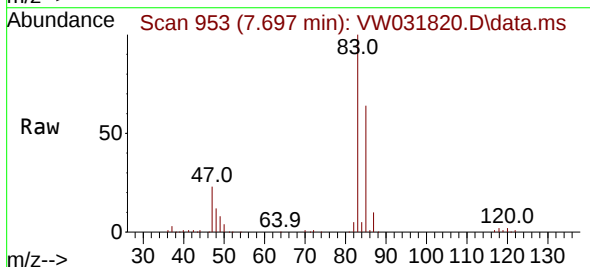


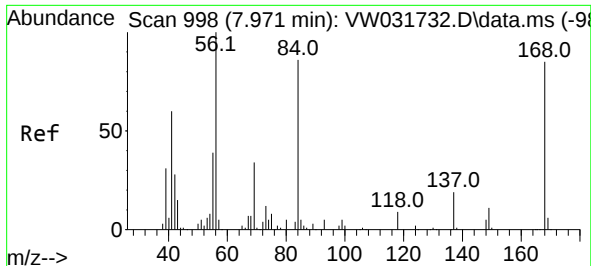
Tgt Ion:	42	Resp:	70330
Ion	Ratio	Lower	Upper
42	100		
72	46.6	36.8	55.2
71	42.5	34.6	52.0



#30
Chloroform
Concen: 22.848 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

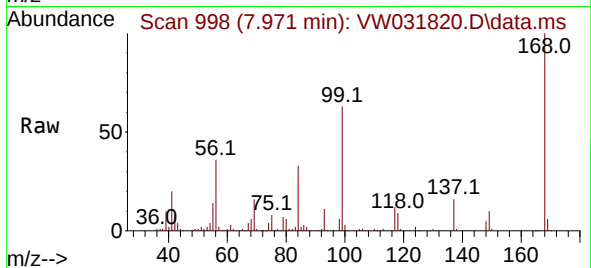
Tgt Ion:	83	Resp:	114158
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.4	77.0



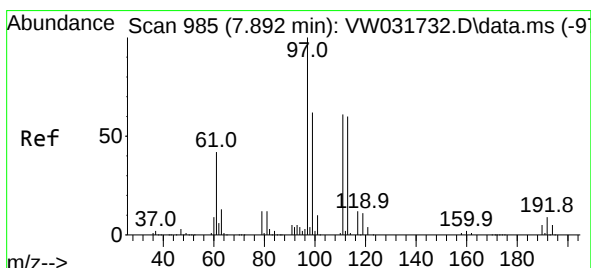
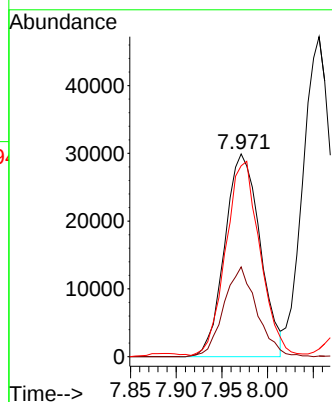
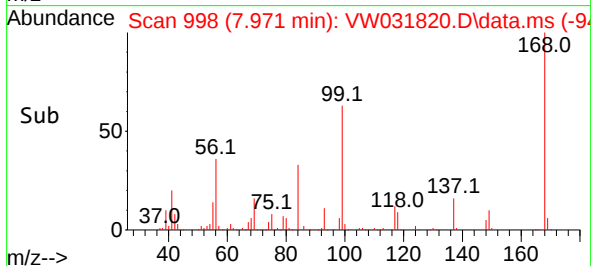


#31
Cyclohexane
Concen: 19.369 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Instrument :
MSVOA_W
ClientSampleId :

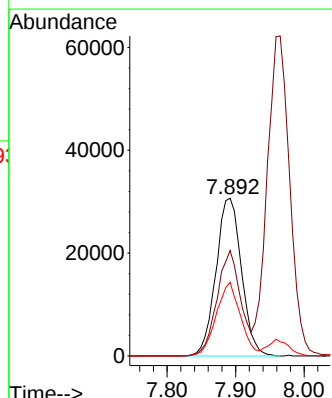
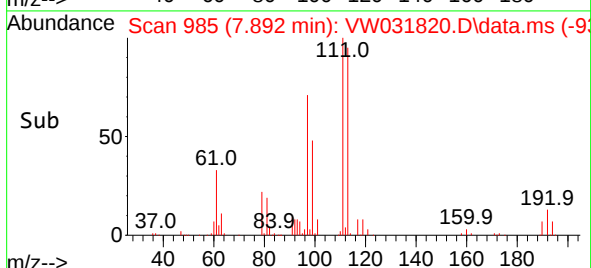
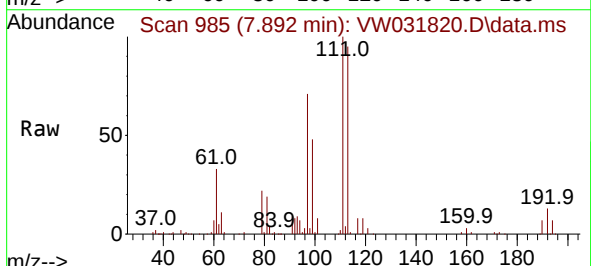


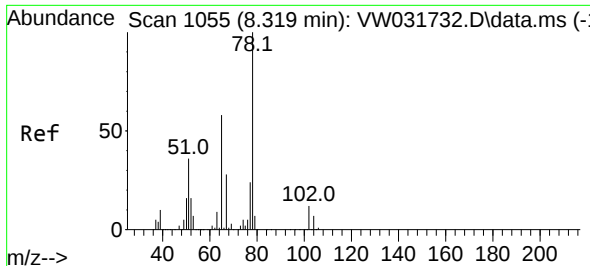
Tgt Ion: 56 Resp: 80506
Ion Ratio Lower Upper
56 100
69 44.3 27.2 40.8#
84 93.2 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 20.514 ug/l
RT: 7.892 min Scan# 985
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 97 Resp: 78991
Ion Ratio Lower Upper
97 100
99 62.2 51.0 76.6
61 44.6 36.0 54.0

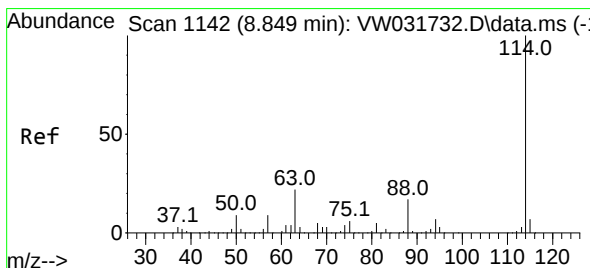
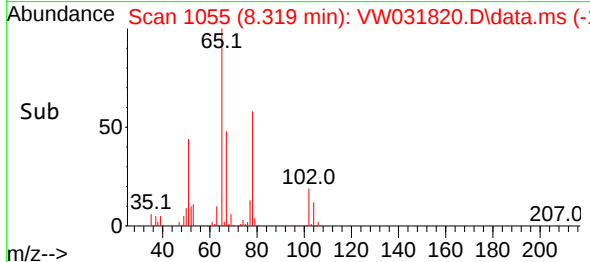
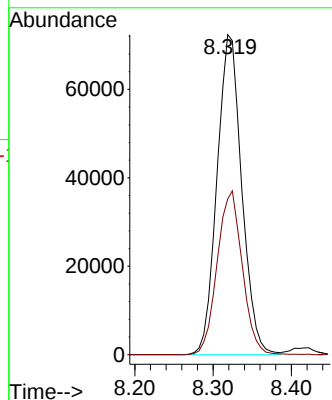
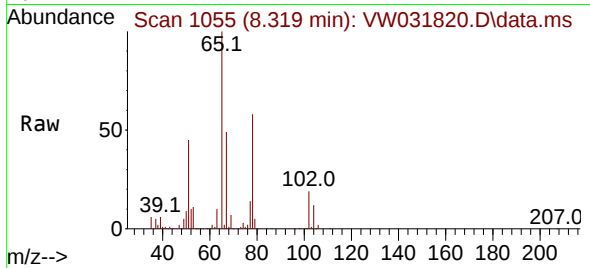




#33
 1,2-Dichloroethane-d4
 Concen: 54.481 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW031820.D
 Acq: 11 Jul 2025 15:10

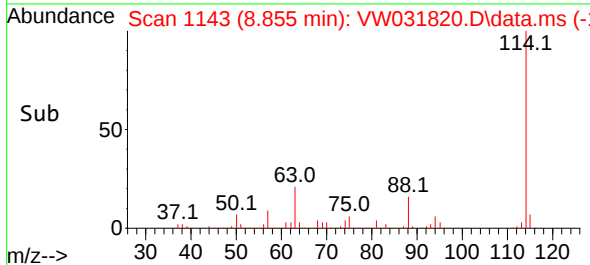
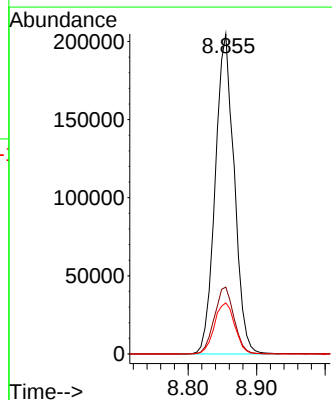
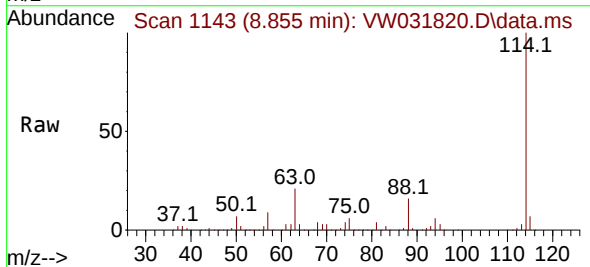
Instrument :
 MSVOA_W
 ClientSampleId :

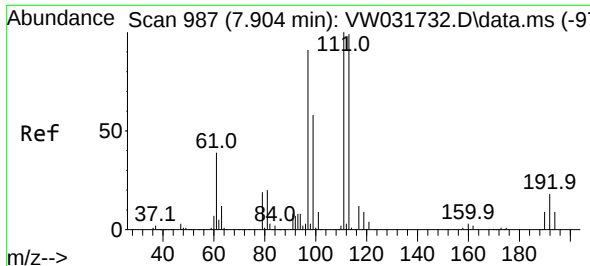
Tgt Ion: 65 Resp: 159039
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031820.D
 Acq: 11 Jul 2025 15:10

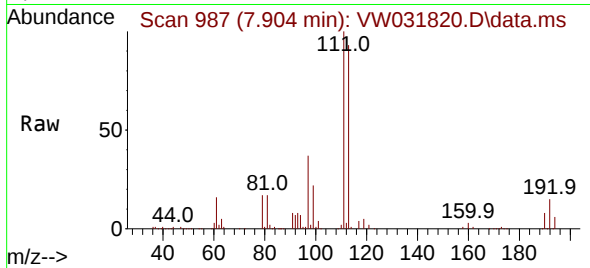
Tgt Ion: 114 Resp: 392643
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.6
 88 15.9 0.0 34.2



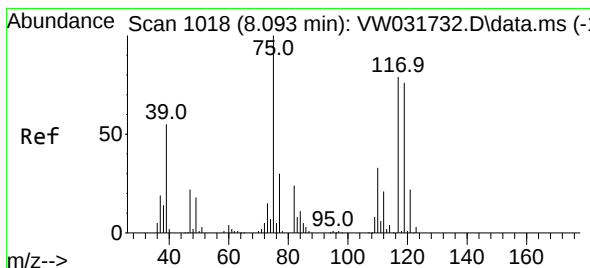
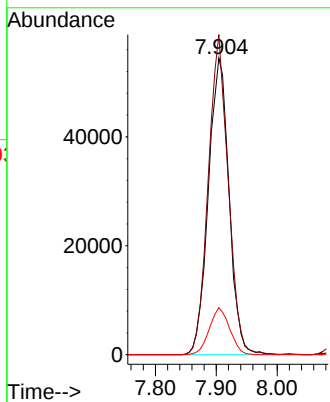
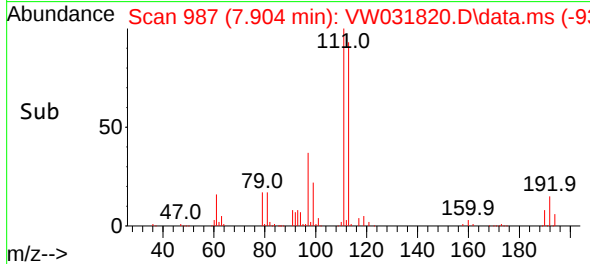


#35
 Dibromofluoromethane
 Concen: 50.158 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW031820.D
 Acq: 11 Jul 2025 15:10

Instrument :
 MSVOA_W
 ClientSampleId :

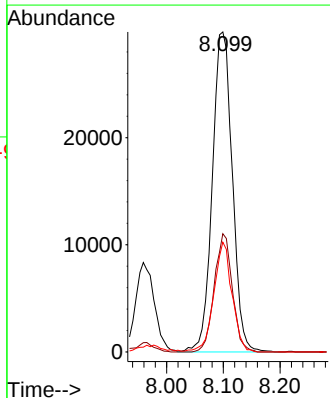
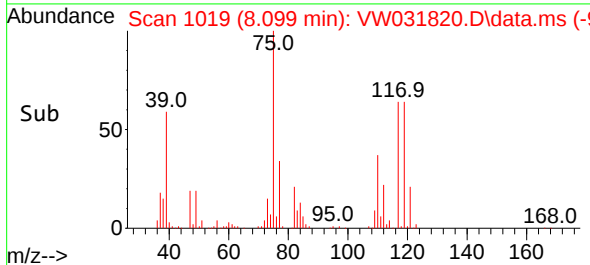
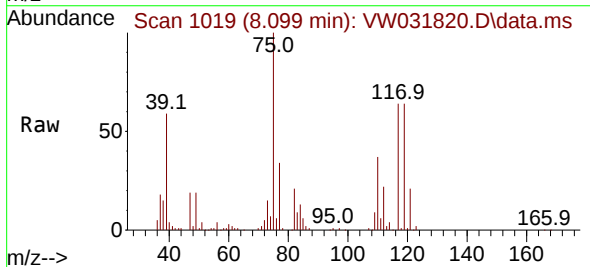


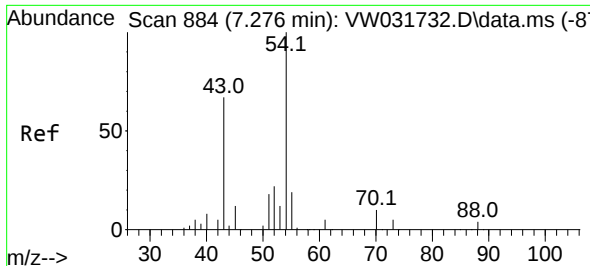
Tgt Ion:113 Resp: 128512
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.1 123.1
 192 15.6 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 19.736 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW031820.D
 Acq: 11 Jul 2025 15:10

Tgt Ion: 75 Resp: 73173
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.8 50.4
 77 31.3 25.0 37.6

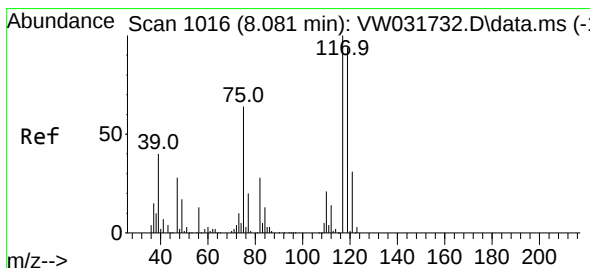
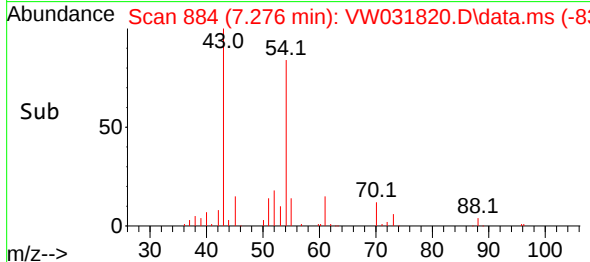
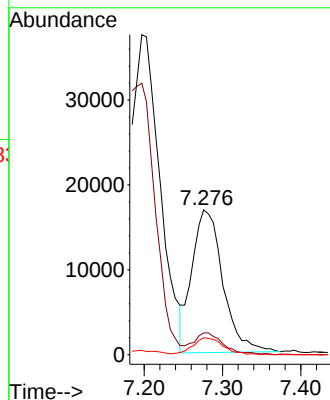
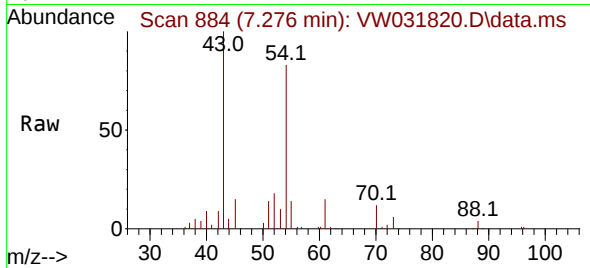




#37
Ethyl Acetate
Concen: 19.768 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

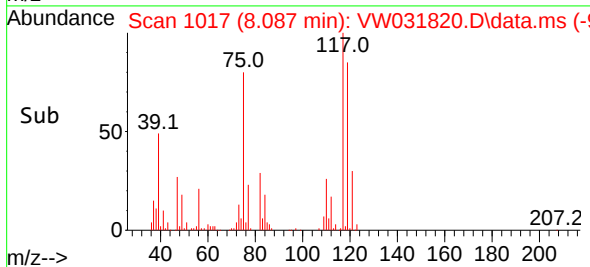
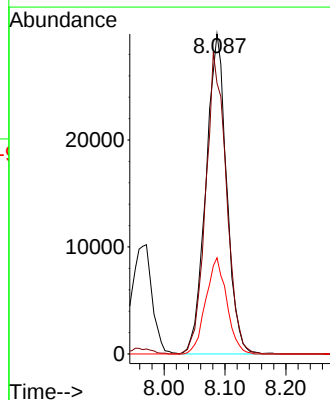
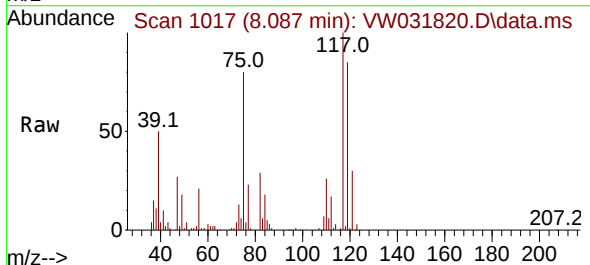
Instrument :
MSVOA_W
ClientSampleId :

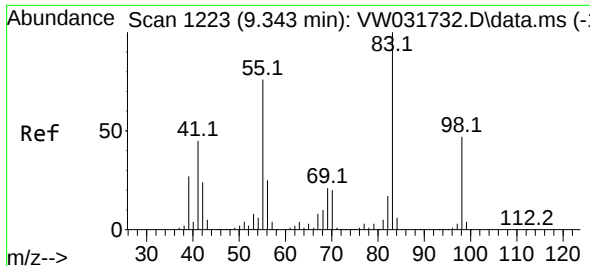
Tgt Ion:	43	Resp:	46234
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.9	16.3
70	11.7	9.2	13.8



#38
Carbon Tetrachloride
Concen: 18.708 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion:	117	Resp:	70683
Ion	Ratio	Lower	Upper
117	100		
119	84.6	75.0	112.6
121	30.0	24.6	37.0





#39

Methylcyclohexane

Concen: 18.922 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

ClientSampleId :

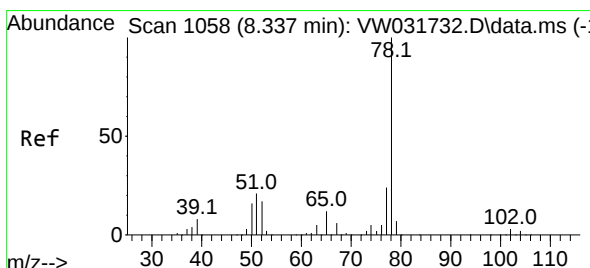
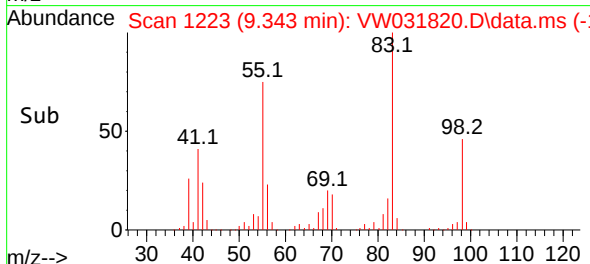
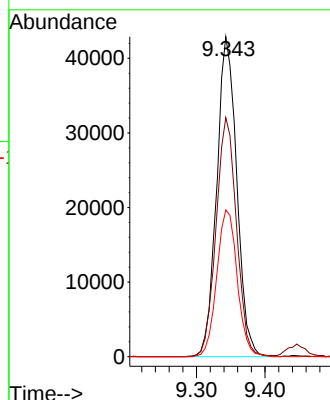
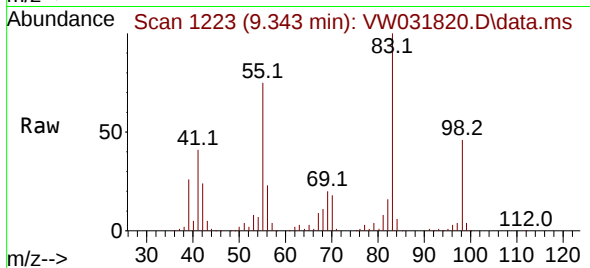
Tgt Ion: 83 Resp: 87283

Ion Ratio Lower Upper

83 100

55 74.7 61.0 91.4

98 45.9 37.9 56.9



#40

Benzene

Concen: 21.124 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW031820.D

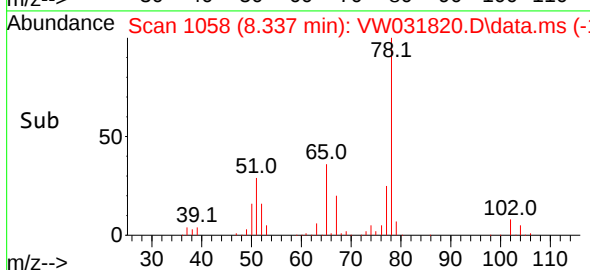
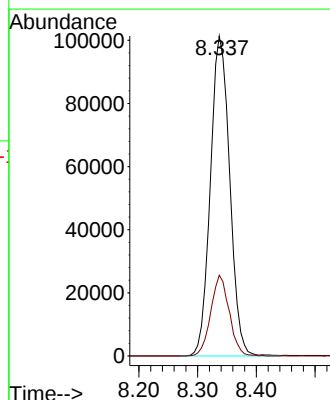
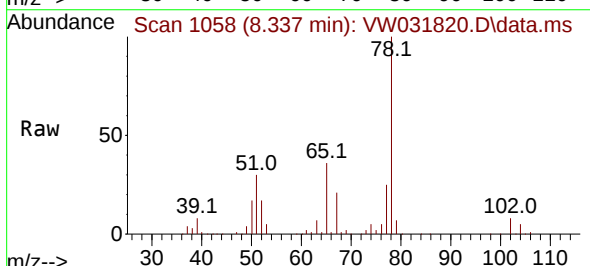
Acq: 11 Jul 2025 15:10

Tgt Ion: 78 Resp: 231718

Ion Ratio Lower Upper

78 100

77 25.2 19.2 28.8

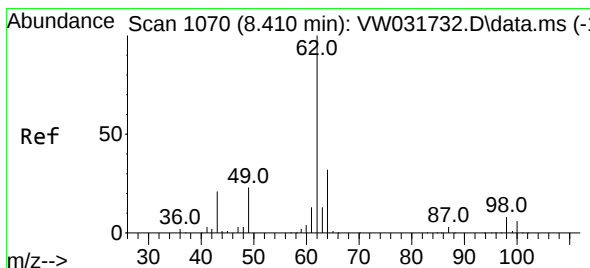
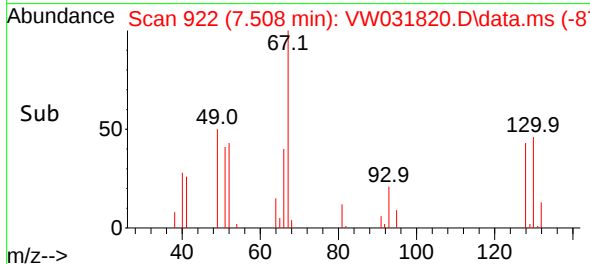
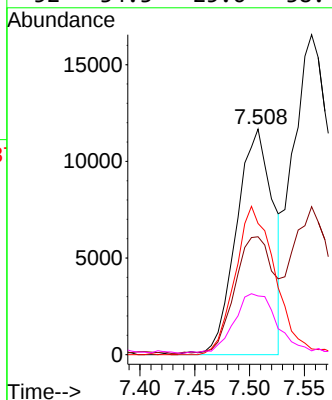
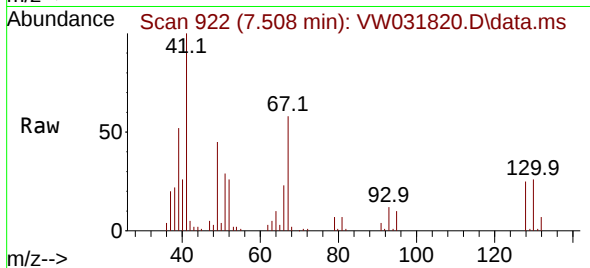




#41
Methacrylonitrile
Concen: 21.673 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.012 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

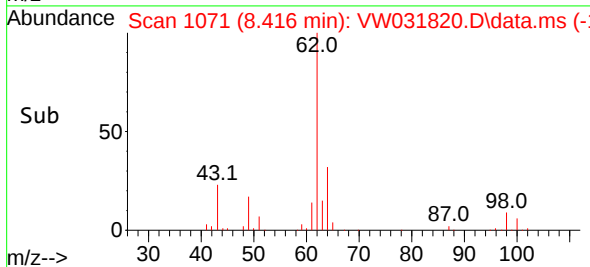
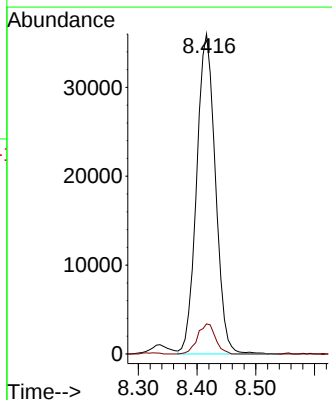
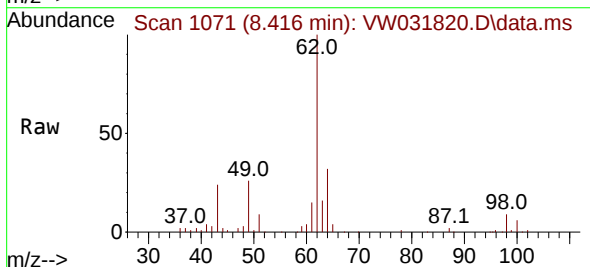
Instrument :
MSVOA_W
ClientSampleId :

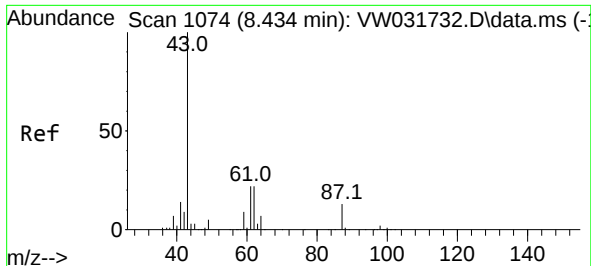
Tgt Ion:	41	Resp:	27154
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.2	64.8
67	73.0	58.1	87.1
52	34.3	25.6	38.4



#42
1,2-Dichloroethane
Concen: 21.540 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion:	62	Resp:	79834
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2

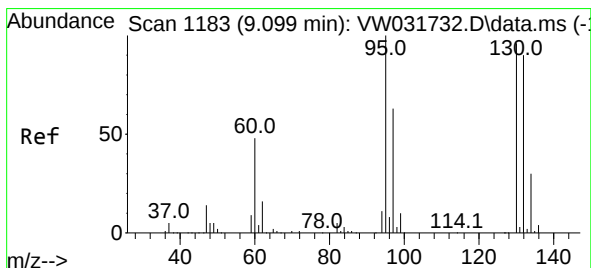
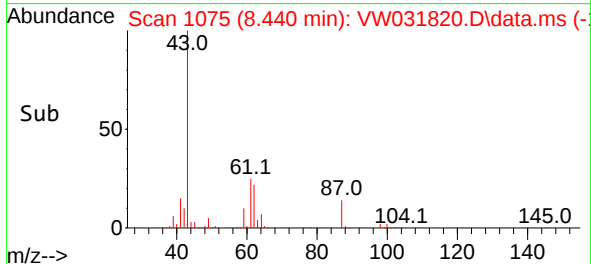
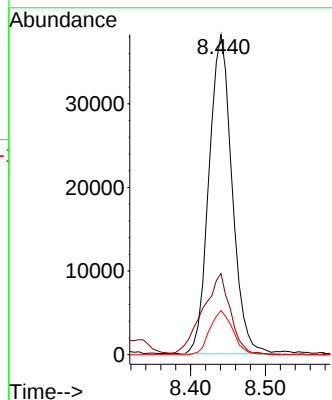
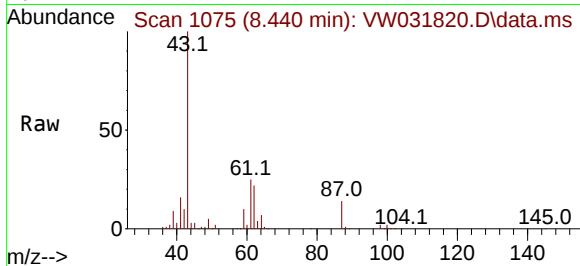




#43
Isopropyl Acetate
Concen: 20.304 ug/l
RT: 8.440 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

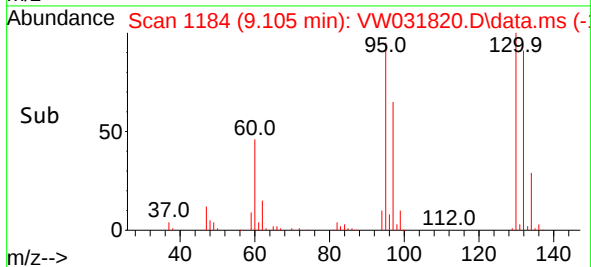
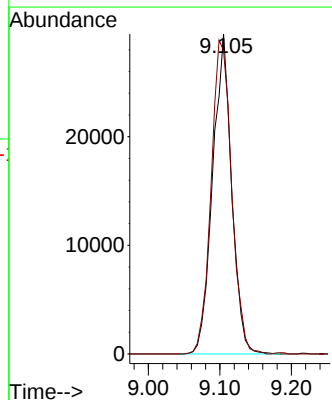
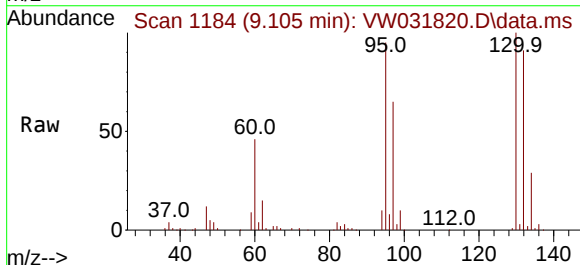
Instrument :
MSVOA_W
ClientSampleId :

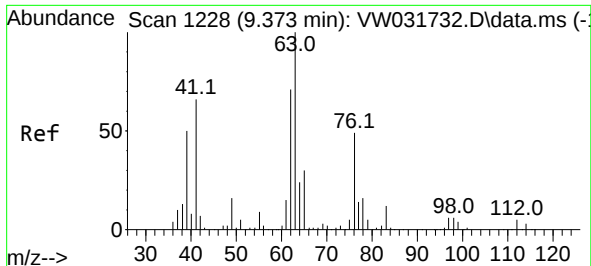
Tgt Ion: 43 Resp: 81859
Ion Ratio Lower Upper
43 100
61 30.9 23.1 34.7
87 13.8 10.8 16.2



#44
Trichloroethene
Concen: 19.782 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion:130 Resp: 54160
Ion Ratio Lower Upper
130 100
95 94.8 0.0 208.6





#45

1,2-Dichloropropane

Concen: 21.221 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

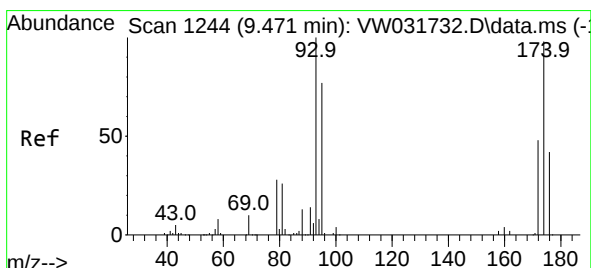
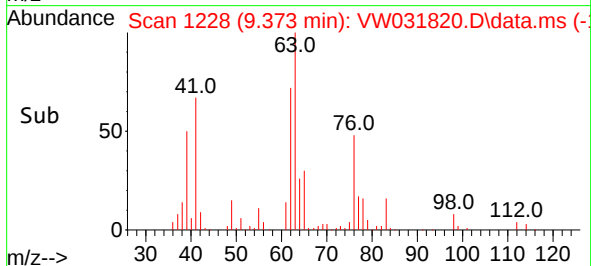
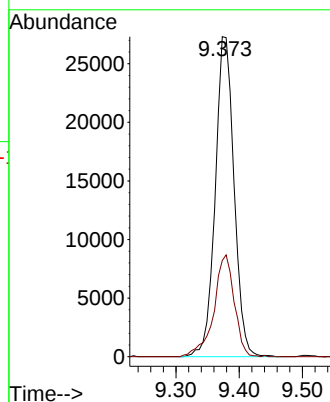
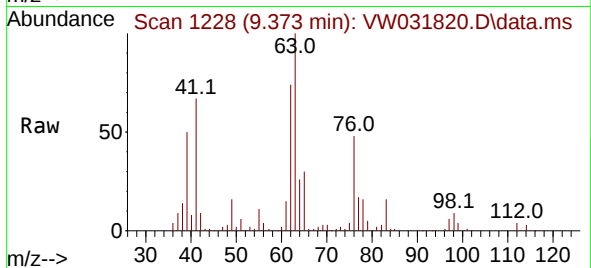
ClientSampleId :

Tgt Ion: 63 Resp: 56258

Ion Ratio Lower Upper

63 100

65 30.0 24.2 36.4



#46

Dibromomethane

Concen: 22.018 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

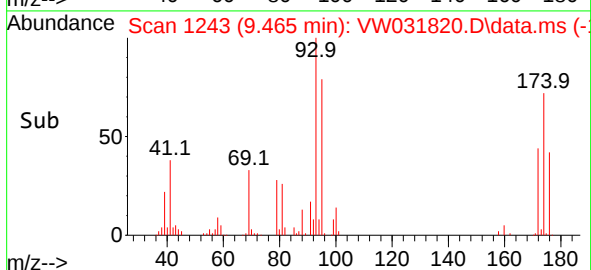
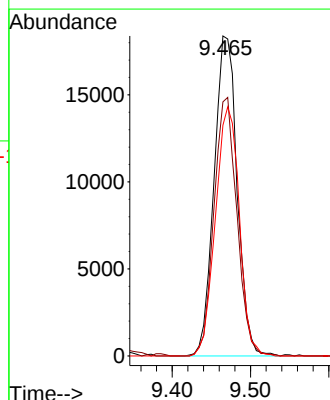
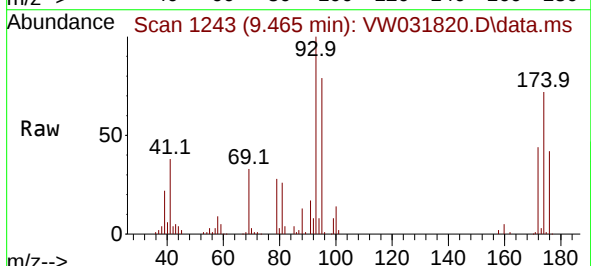
Tgt Ion: 93 Resp: 37685

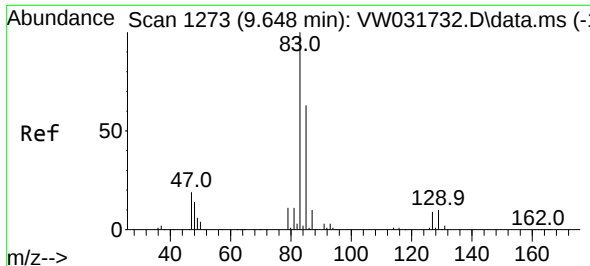
Ion Ratio Lower Upper

93 100

95 80.2 67.0 100.4

174 80.3 71.7 107.5

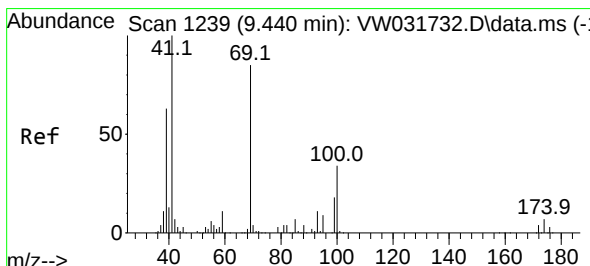
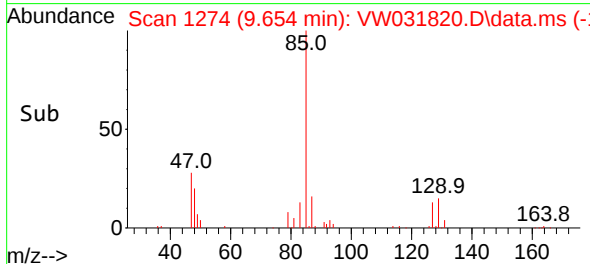
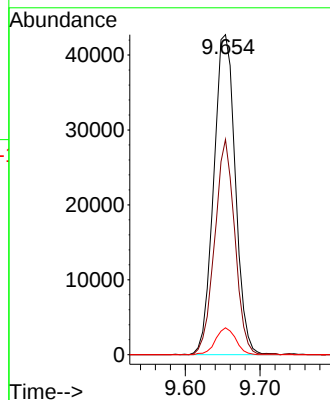
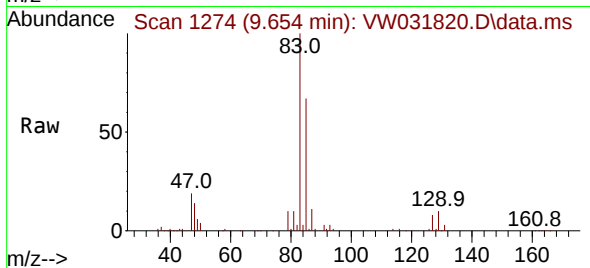




#47
Bromodichloromethane
Concen: 21.402 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

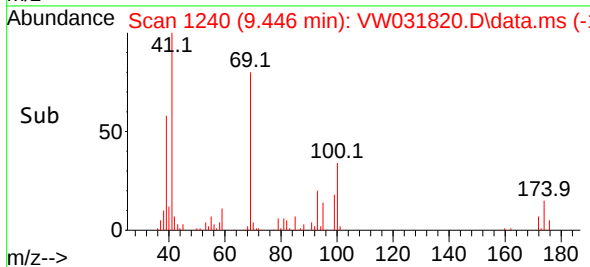
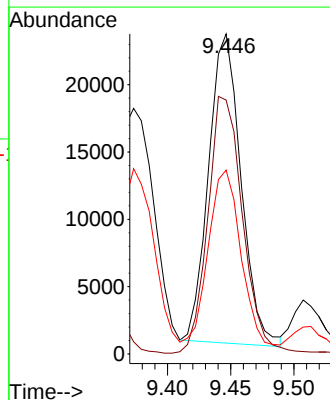
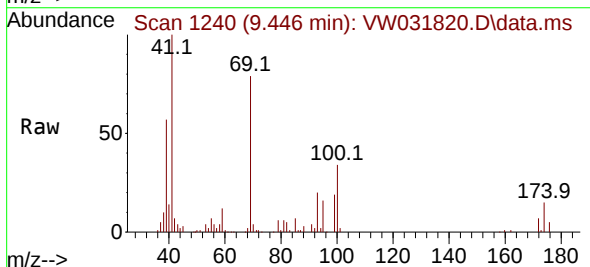
Instrument :
MSVOA_W
ClientSampleId :

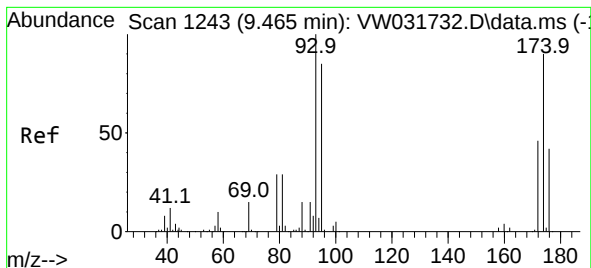
Tgt Ion: 83 Resp: 85898
Ion Ratio Lower Upper
83 100
85 67.2 50.8 76.2
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 20.651 ug/l
RT: 9.446 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 41 Resp: 40937
Ion Ratio Lower Upper
41 100
69 89.2 71.6 107.4
39 61.7 49.5 74.3





#49

1,4-Dioxane

Concen: 376.531 ug/l

RT: 9.465 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

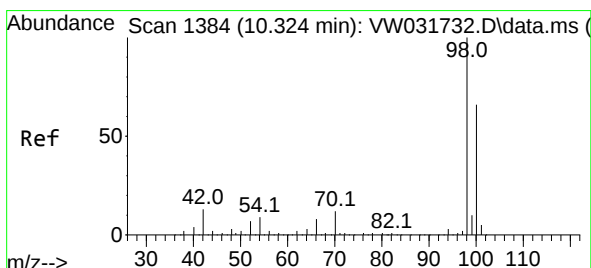
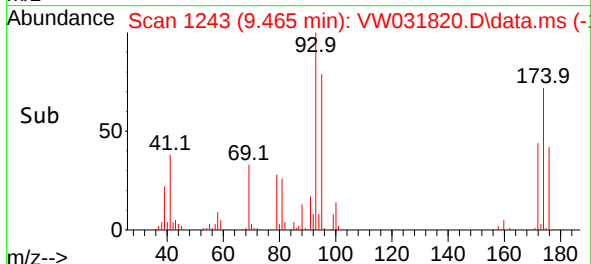
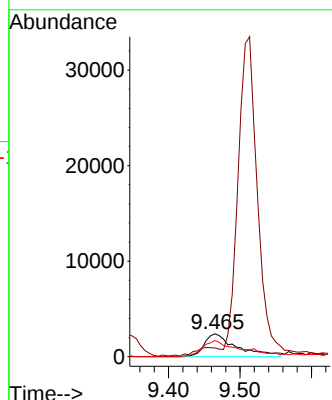
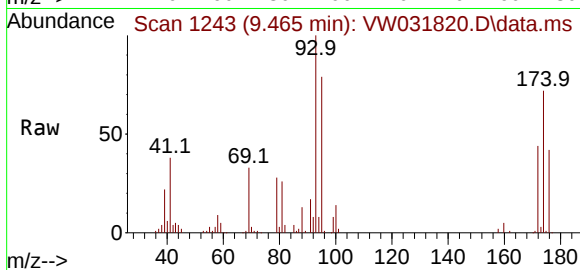
MSVOA_W

ClientSampleId :

Tgt Ion: 88 Resp: 7548

Ion Ratio Lower Upper

88	100		
43	25.3	0.0	0.0#
58	85.6	58.3	87.5



#50

Toluene-d8

Concen: 50.972 ug/l

RT: 10.330 min Scan# 1385

Delta R.T. 0.006 min

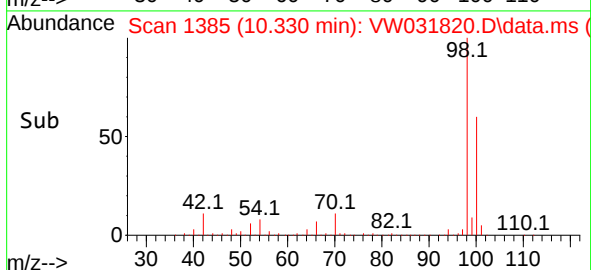
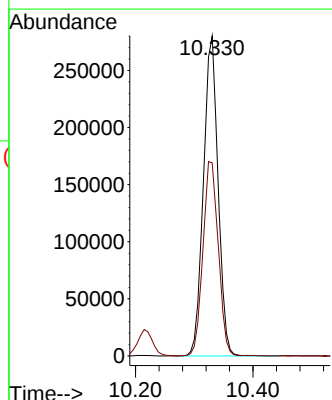
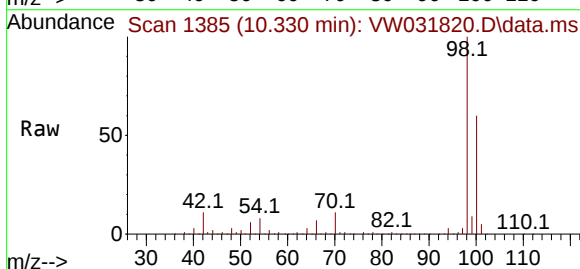
Lab File: VW031820.D

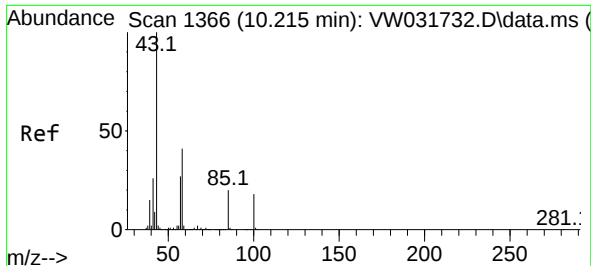
Acq: 11 Jul 2025 15:10

Tgt Ion: 98 Resp: 486006

Ion Ratio Lower Upper

98	100		
100	63.7	53.0	79.4

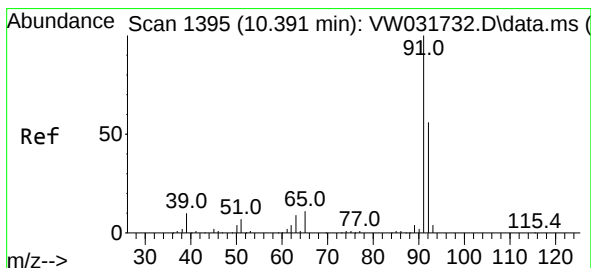
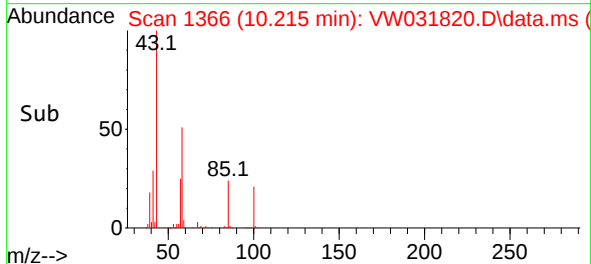
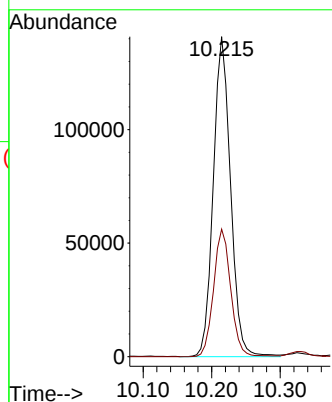
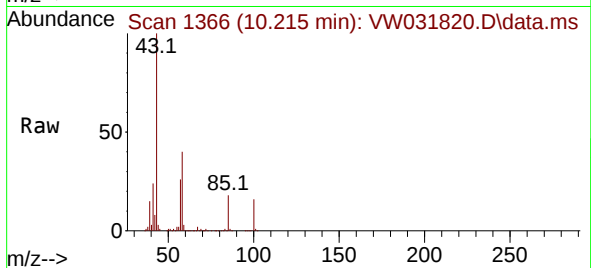




#51
4-Methyl-2-Pentanone
Concen: 106.244 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

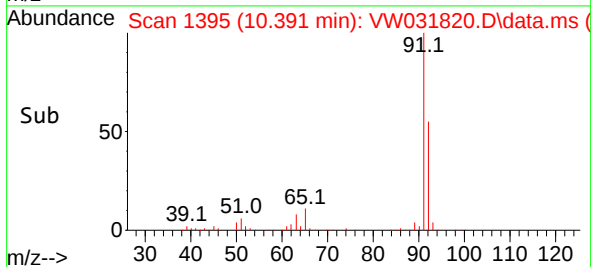
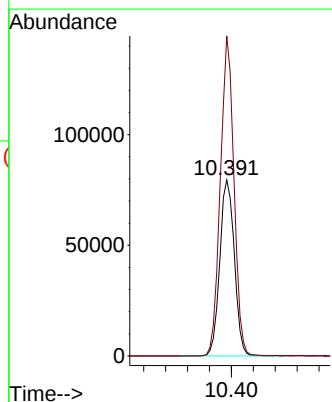
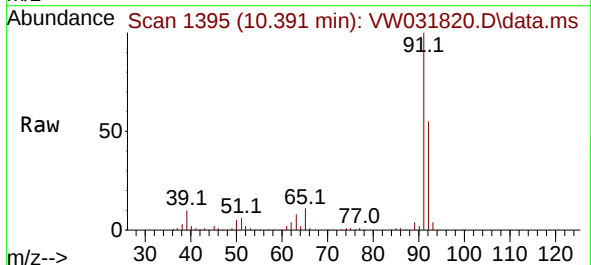
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 246255
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2



#52
Toluene
Concen: 20.870 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 92 Resp: 146575
Ion Ratio Lower Upper
92 100
91 170.9 139.5 209.3

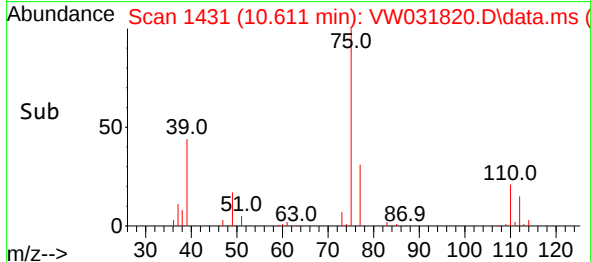
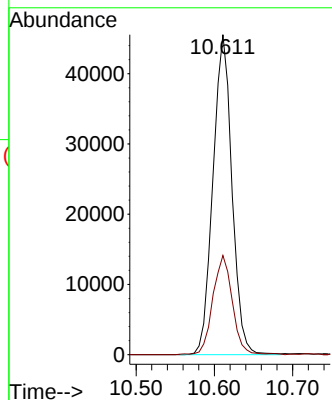
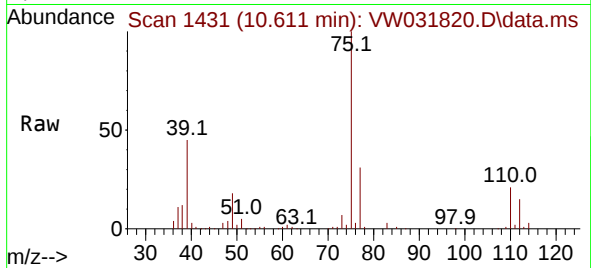




#53
t-1,3-Dichloropropene
Concen: 20.401 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

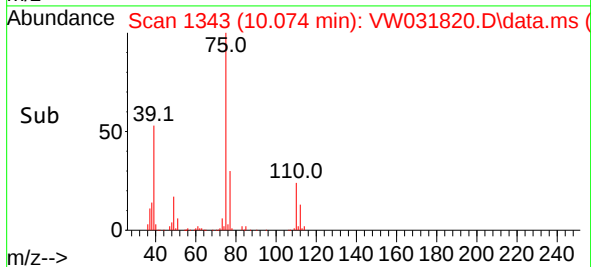
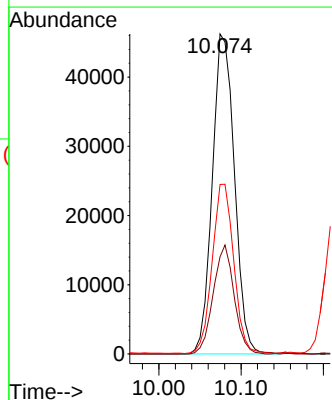
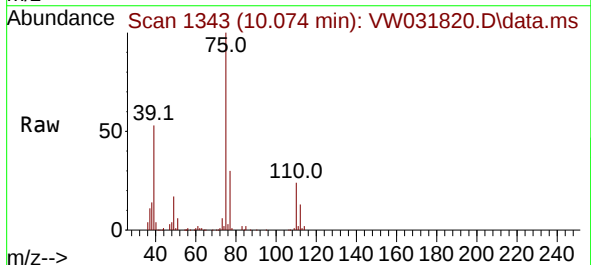
Instrument :
MSVOA_W
ClientSampleId :

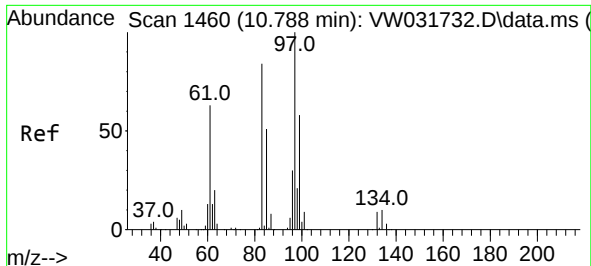
Tgt Ion: 75 Resp: 76824
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 20.269 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 75 Resp: 86527
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.2
39 52.7 41.8 62.6

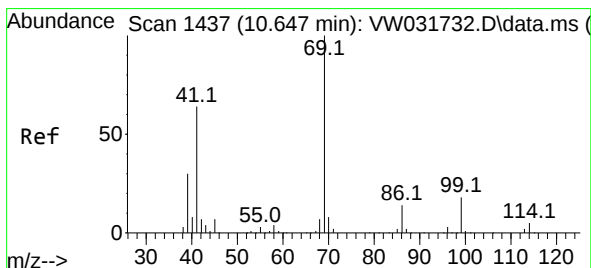
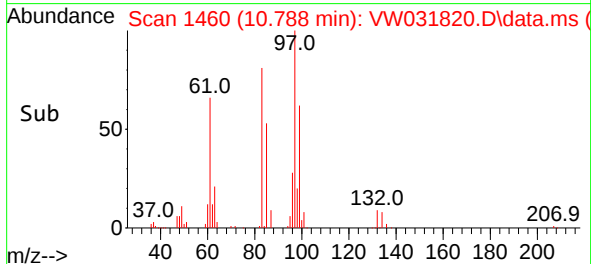
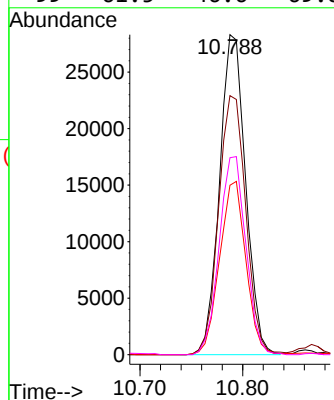
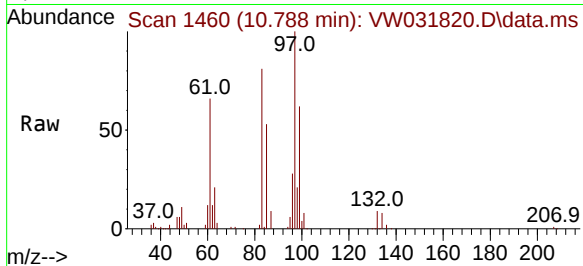




#55
1,1,2-Trichloroethane
Concen: 22.216 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

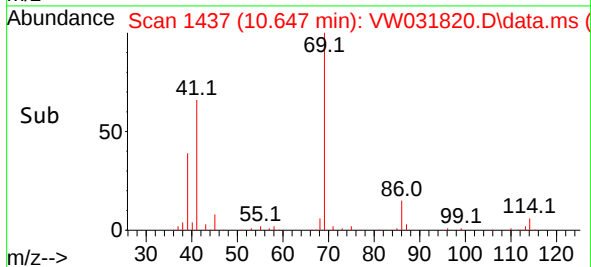
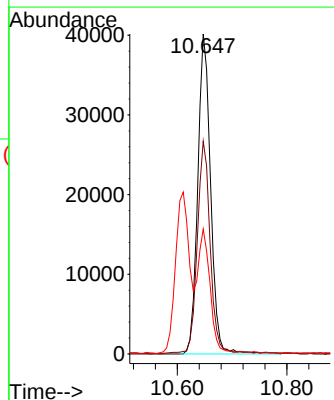
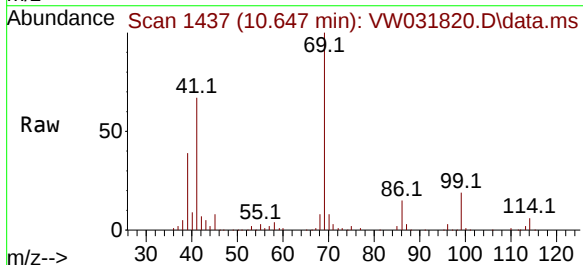
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	97	Resp:	49809
Ion	Ratio	Lower	Upper
97	100		
83	80.9	66.9	100.3
85	52.9	41.1	61.7
99	61.5	46.6	69.8



#56
Ethyl methacrylate
Concen: 21.596 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion:	69	Resp:	65688
Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.3	79.9
39	36.6	30.2	45.2





#57

1,3-Dichloropropane

Concen: 21.928 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

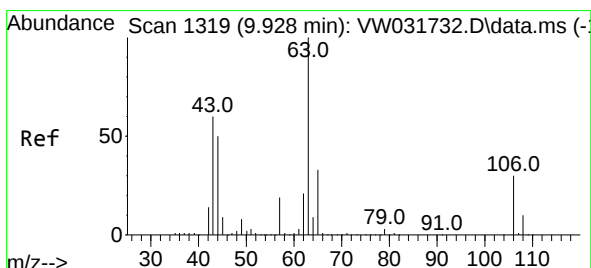
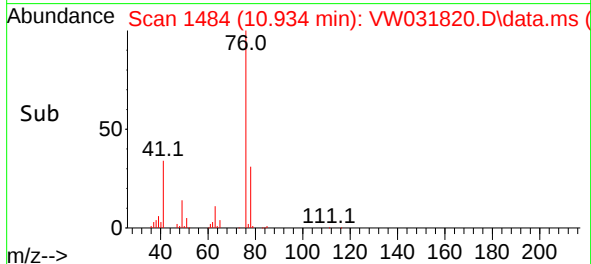
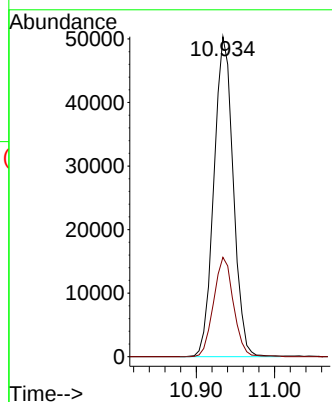
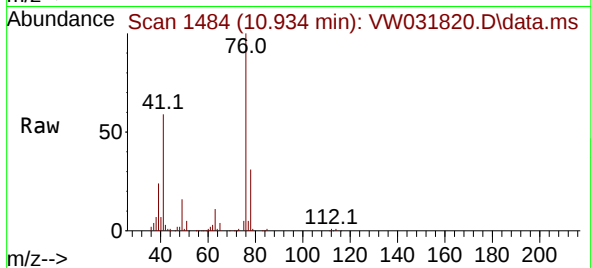
ClientSampleId :

Tgt Ion: 76 Resp: 86315

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 107.393 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW031820.D

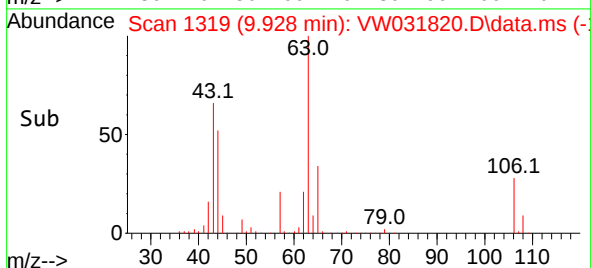
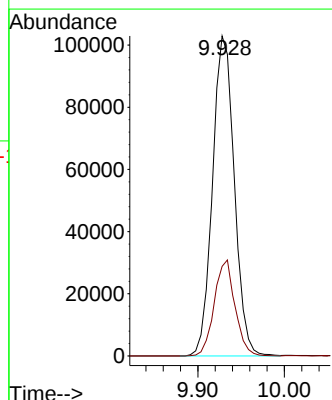
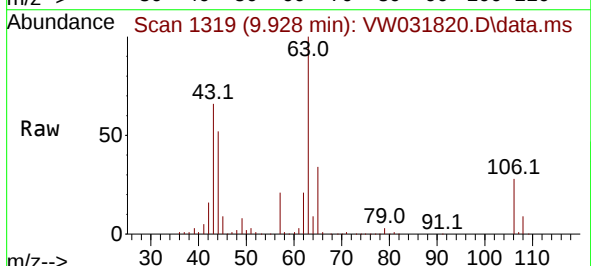
Acq: 11 Jul 2025 15:10

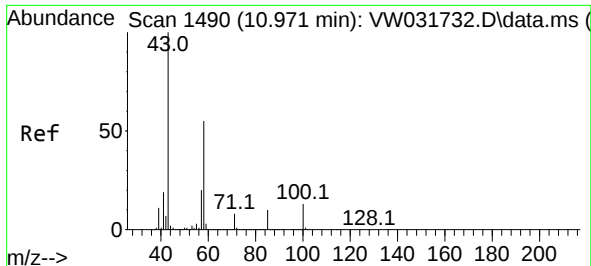
Tgt Ion: 63 Resp: 179873

Ion Ratio Lower Upper

63 100

106 28.5 24.1 36.1

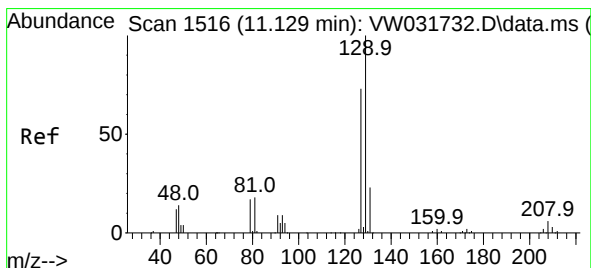
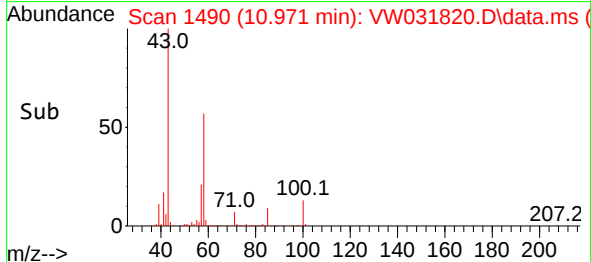
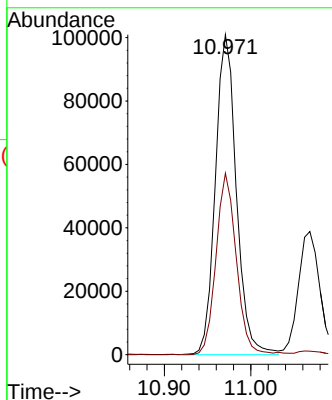
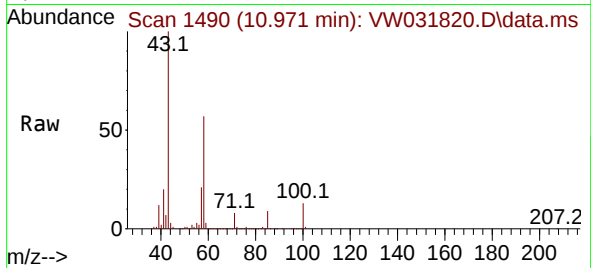




#59
2-Hexanone
Concen: 108.255 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

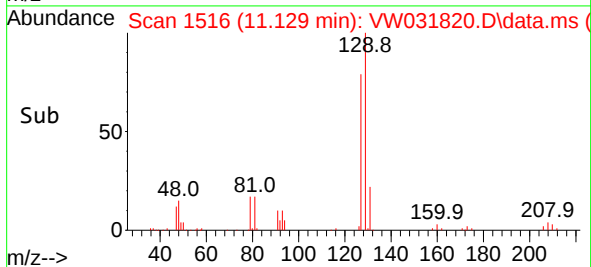
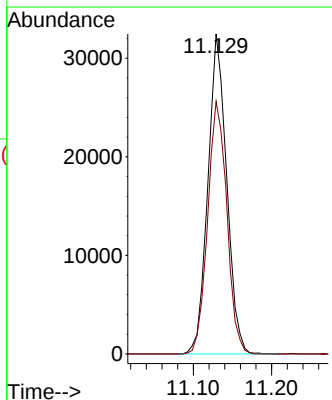
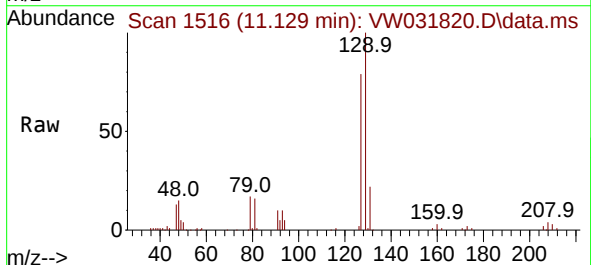
Instrument :
MSVOA_W
ClientSampleId :

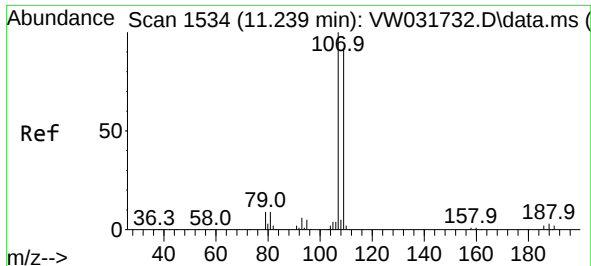
Tgt Ion: 43 Resp: 170031
Ion Ratio Lower Upper
43 100
58 55.0 27.9 83.6



#60
Dibromochloromethane
Concen: 20.141 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion:129 Resp: 53999
Ion Ratio Lower Upper
129 100
127 80.5 38.0 114.1

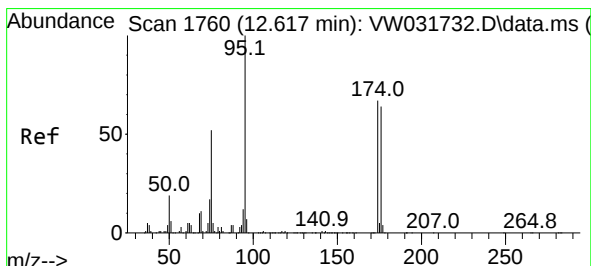
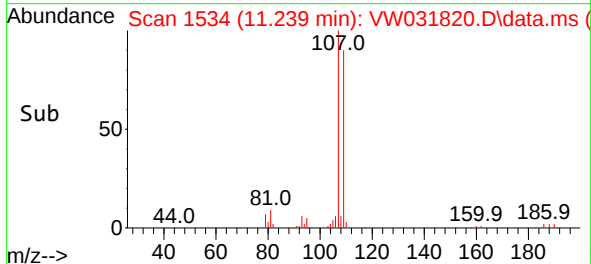
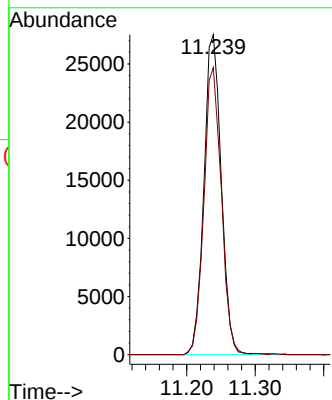
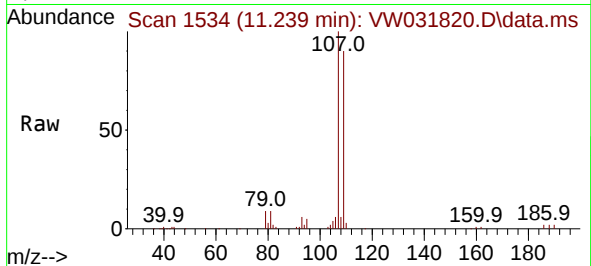




#61
1,2-Dibromoethane
Concen: 21.578 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

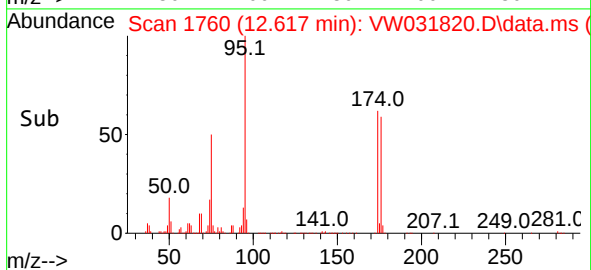
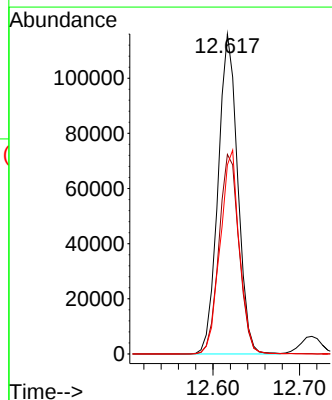
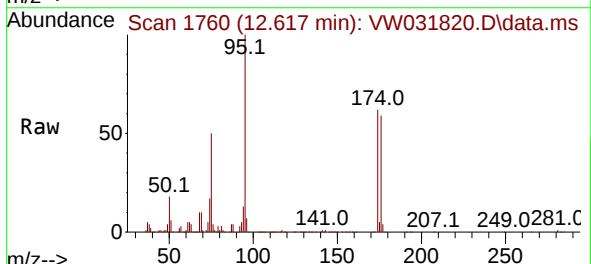
Instrument :
MSVOA_W
ClientSampleId :

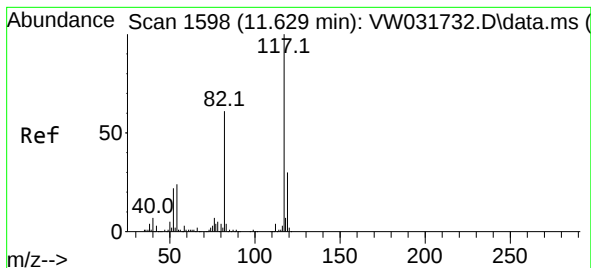
Tgt Ion:107 Resp: 48431
Ion Ratio Lower Upper
107 100
109 90.1 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.047 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 95 Resp: 182626
Ion Ratio Lower Upper
95 100
174 63.9 0.0 133.8
176 62.5 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

ClientSampleId :

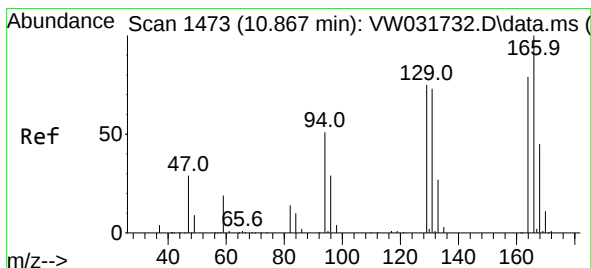
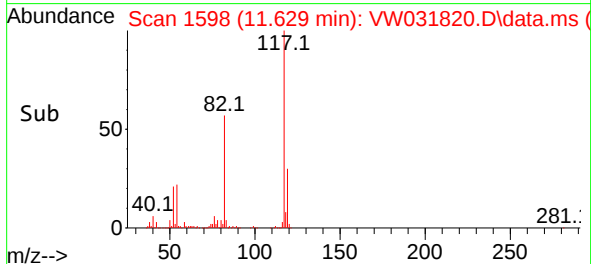
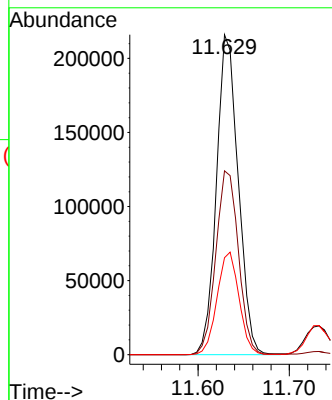
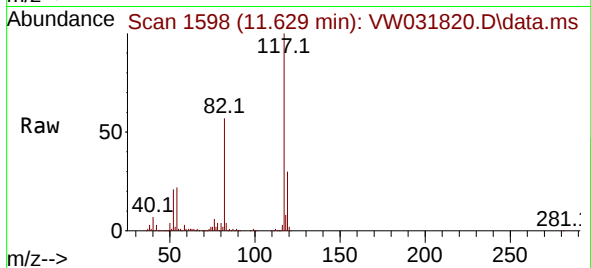
Tgt Ion:117 Resp: 357866

Ion Ratio Lower Upper

117 100

82 57.5 48.6 72.8

119 30.3 23.9 35.9



#64

Tetrachloroethene

Concen: 18.802 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Tgt Ion:164 Resp: 44013

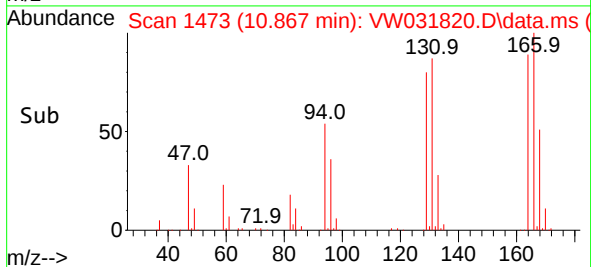
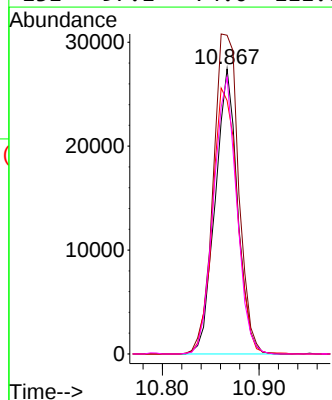
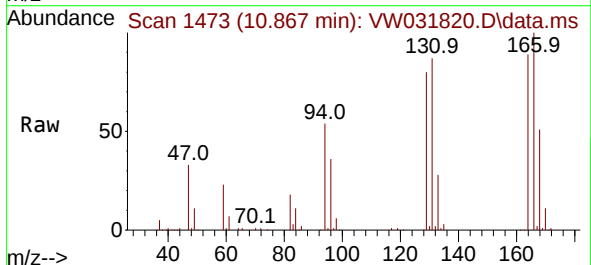
Ion Ratio Lower Upper

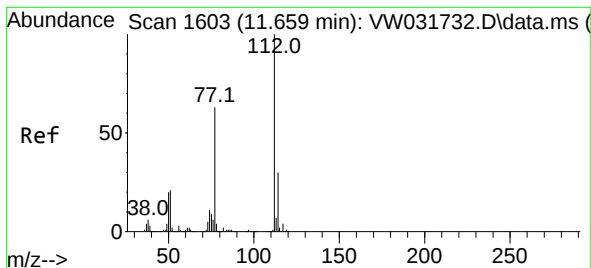
164 100

166 111.8 100.7 151.1

129 88.9 75.4 113.0

131 97.1 74.0 111.0





#65

Chlorobenzene

Concen: 20.680 ug/l

RT: 11.659 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

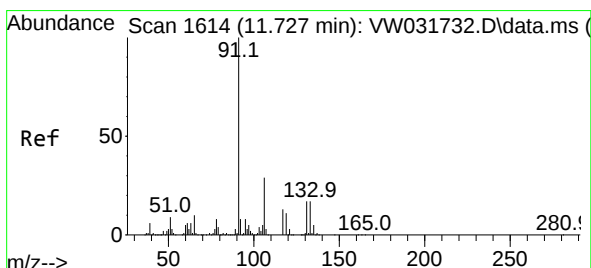
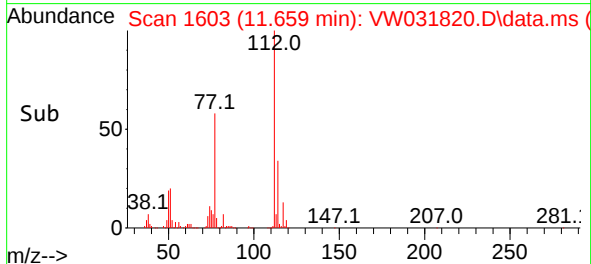
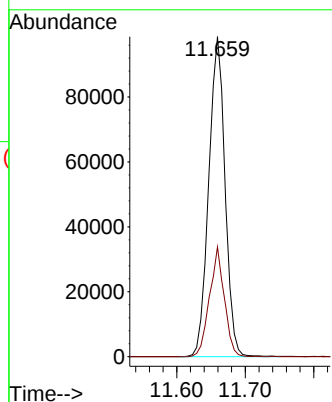
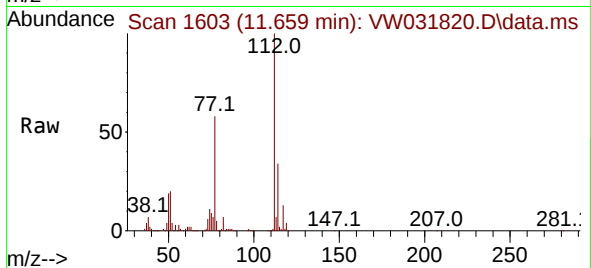
ClientSampleId :

Tgt Ion:112 Resp: 163283

Ion Ratio Lower Upper

112 100

114 34.3 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.759 ug/l

RT: 11.726 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

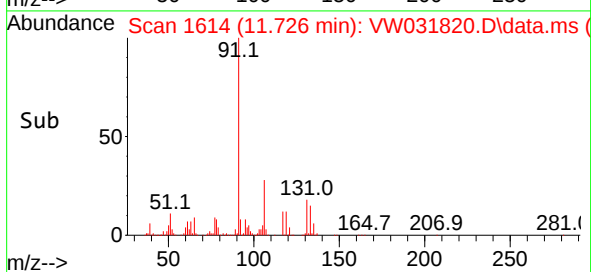
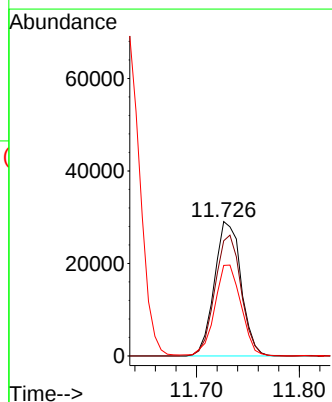
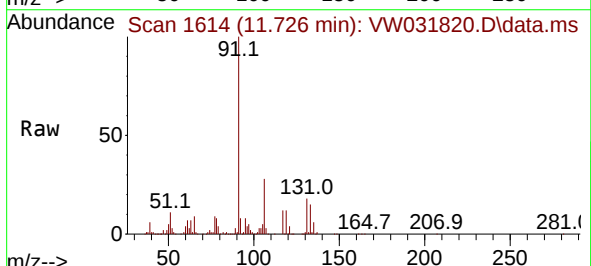
Tgt Ion:131 Resp: 52231

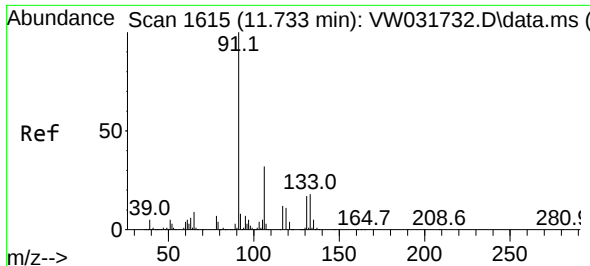
Ion Ratio Lower Upper

131 100

133 88.7 48.5 145.6

119 67.0 32.5 97.5

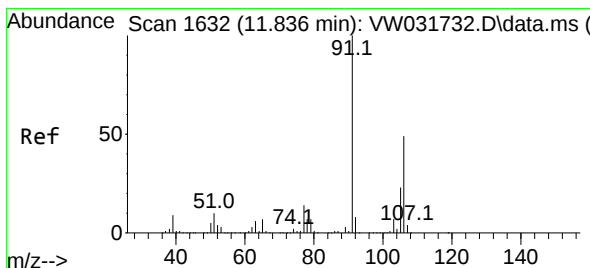
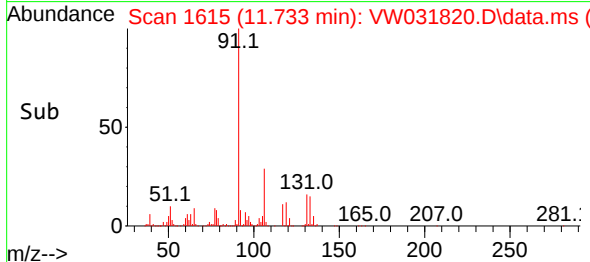
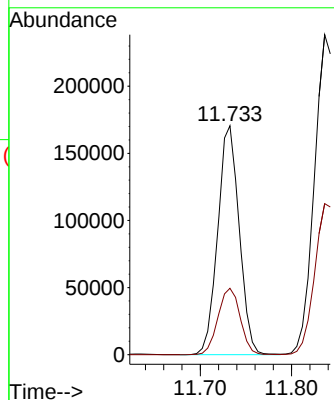
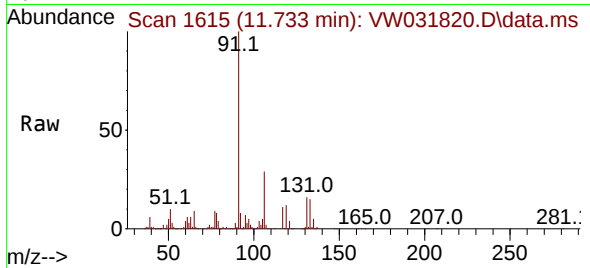




#67
Ethyl Benzene
Concen: 20.364 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

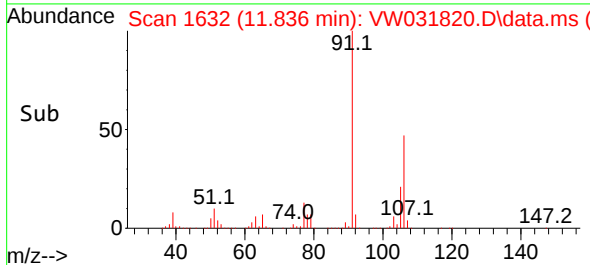
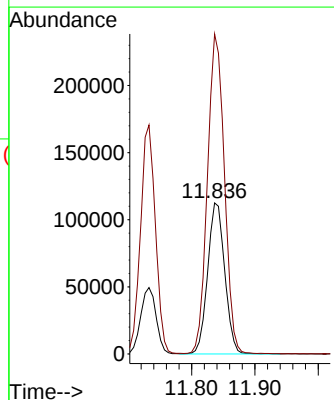
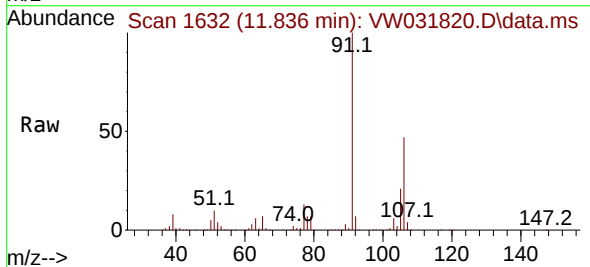
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 278821
Ion Ratio Lower Upper
91 100
106 29.0 25.4 38.2



#68
m/p-Xylenes
Concen: 40.092 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion:106 Resp: 211012
Ion Ratio Lower Upper
106 100
91 211.0 166.4 249.6

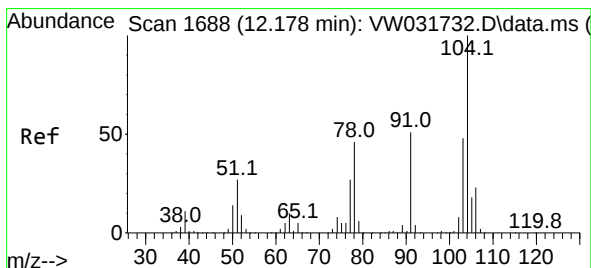
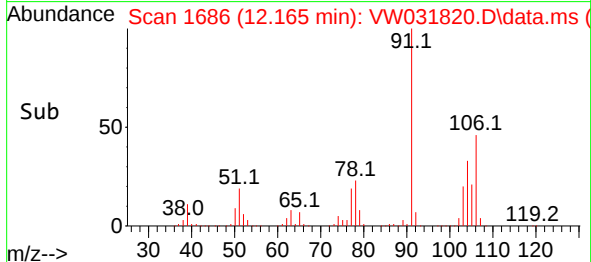
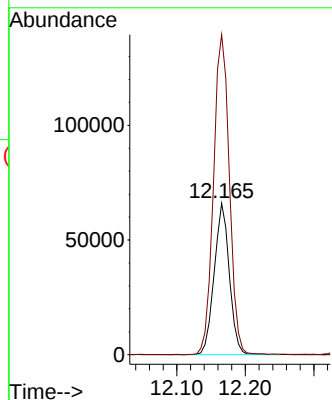
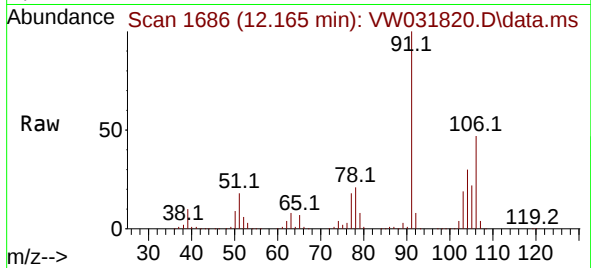




#69
o-Xylene
Concen: 20.719 ug/l
RT: 12.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

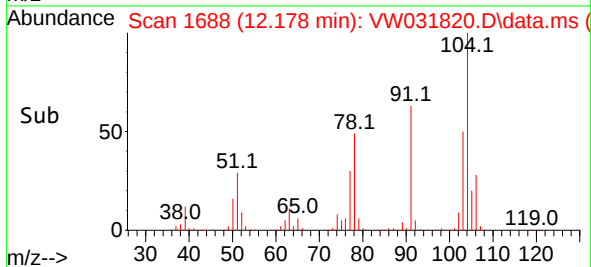
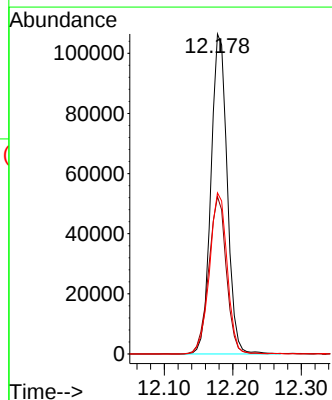
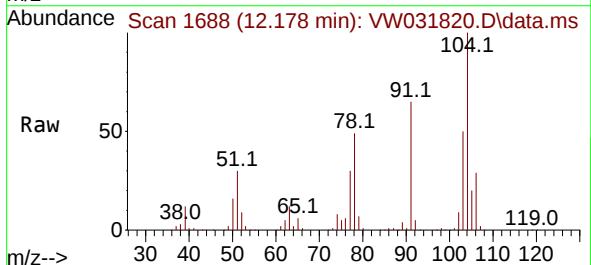
Instrument :
MSVOA_W
ClientSampleId :

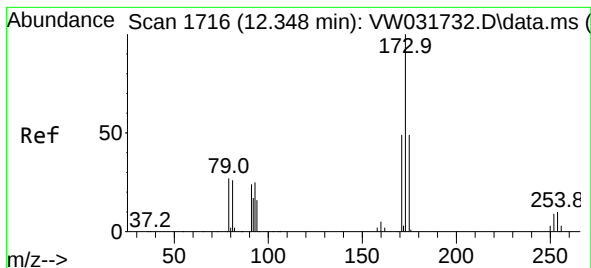
Tgt Ion:106 Resp: 100967
Ion Ratio Lower Upper
106 100
91 222.0 111.5 334.4



#70
Styrene
Concen: 20.901 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion:104 Resp: 176087
Ion Ratio Lower Upper
104 100
78 53.2 42.1 63.1
103 54.6 43.0 64.6





#71

Bromoform

Concen: 19.121 ug/l

RT: 12.348 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

ClientSampleId :

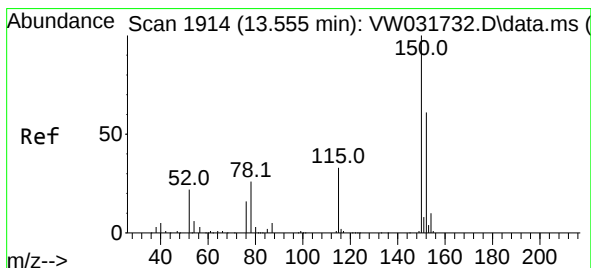
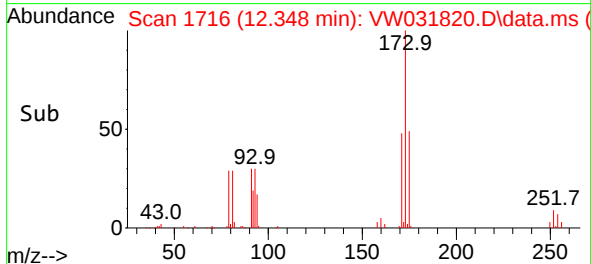
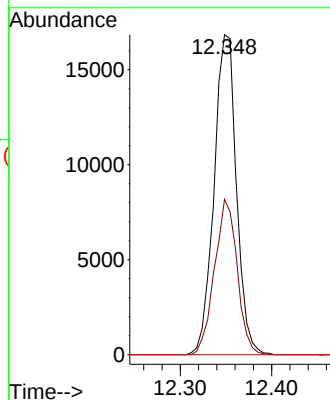
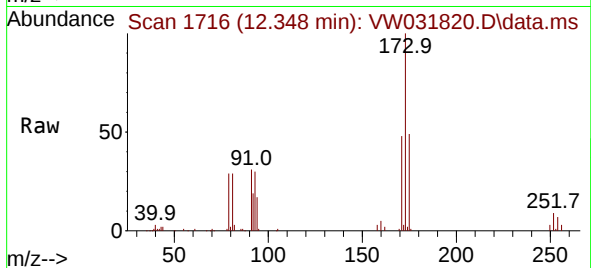
Tgt Ion:173 Resp: 28701

Ion Ratio Lower Upper

173 100

175 49.0 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

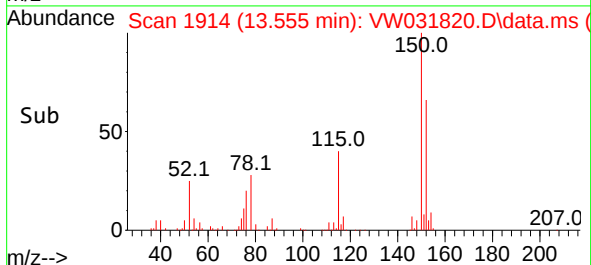
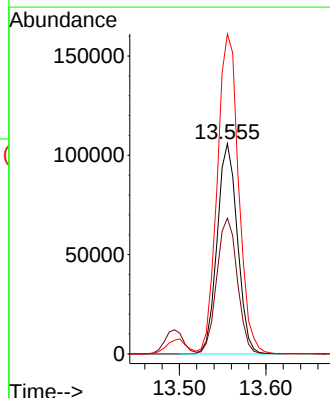
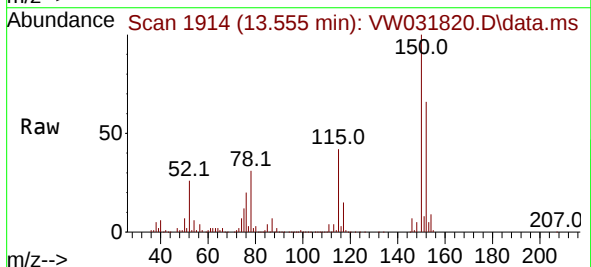
Tgt Ion:152 Resp: 171573

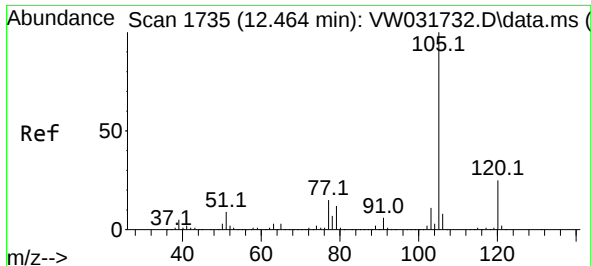
Ion Ratio Lower Upper

152 100

115 65.8 31.9 95.7

150 160.9 0.0 356.4

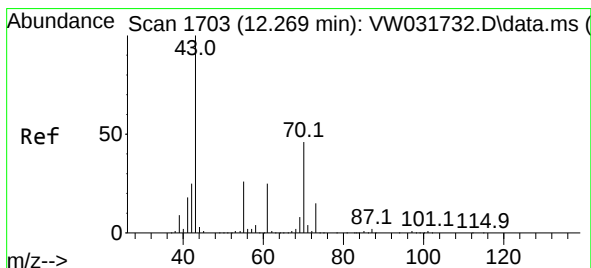
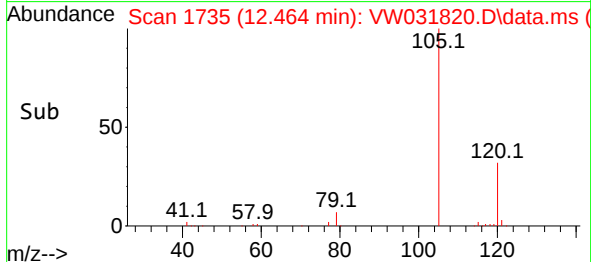
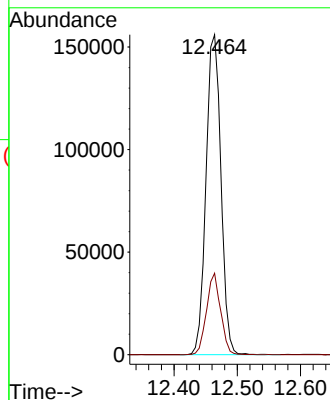
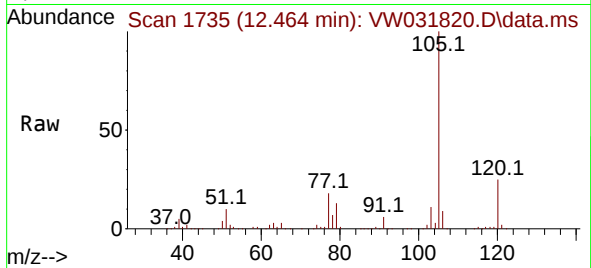




#73
Isopropylbenzene
Concen: 19.634 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

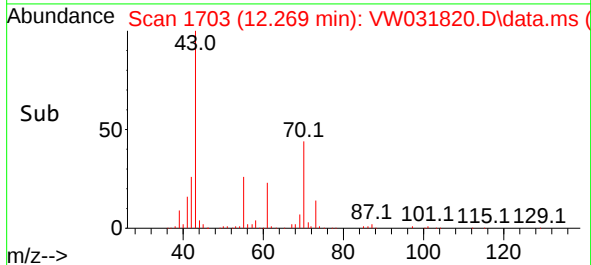
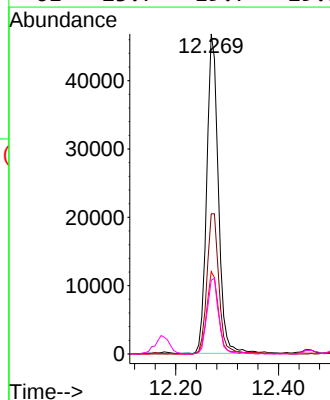
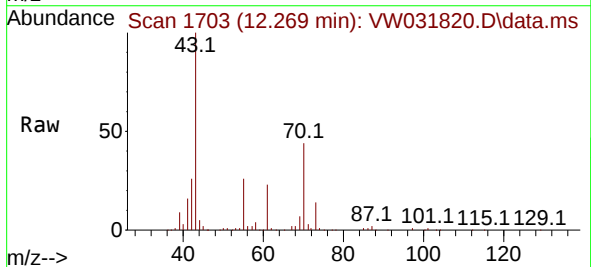
Instrument :
MSVOA_W
ClientSampleId :

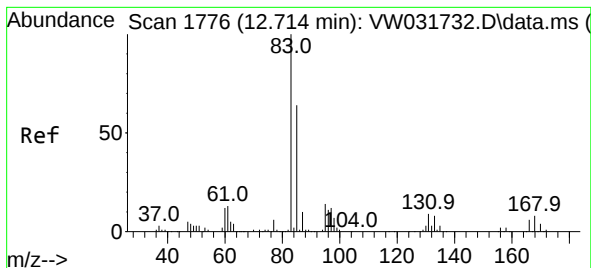
Tgt Ion:105 Resp: 256245
Ion Ratio Lower Upper
105 100
120 24.0 12.8 38.4



#74
N-ethyl acetate
Concen: 20.823 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 43 Resp: 73246
Ion Ratio Lower Upper
43 100
70 45.2 36.0 54.0
55 25.9 20.8 31.2
61 23.7 19.7 29.5

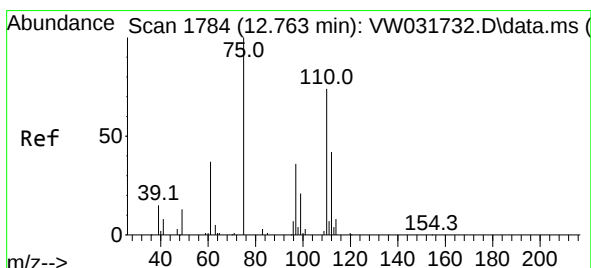
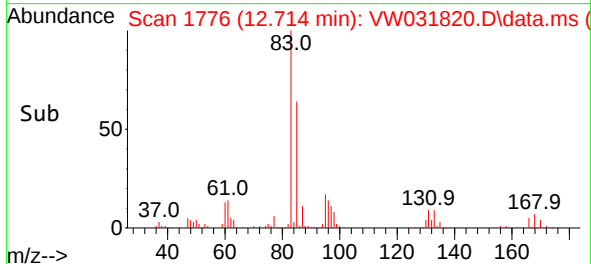
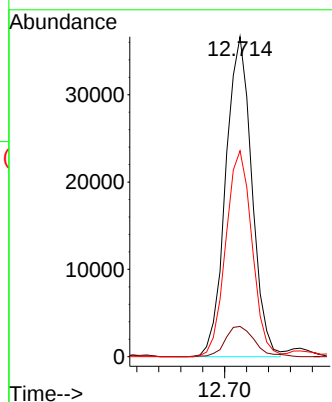
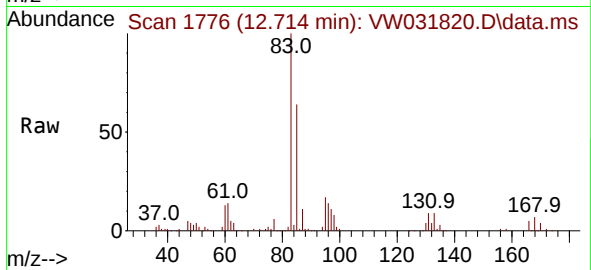




#75
1,1,2,2-Tetrachloroethane
Concen: 20.922 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

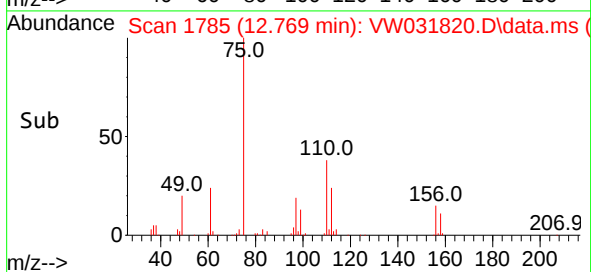
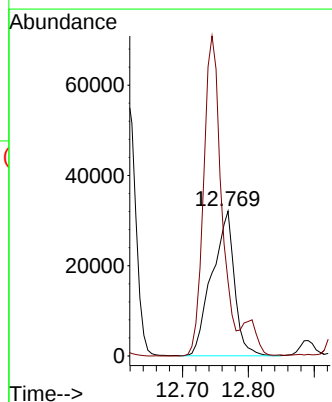
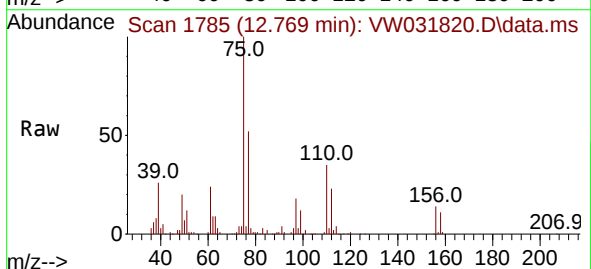
Instrument :
MSVOA_W
ClientSampleId :

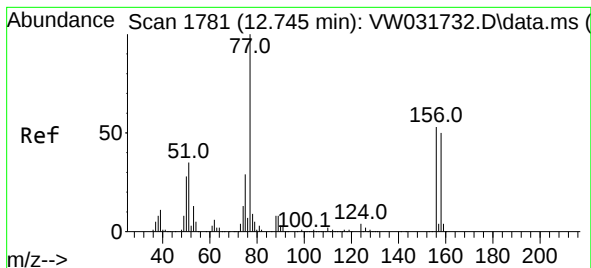
Tgt Ion: 83 Resp: 60618
Ion Ratio Lower Upper
83 100
131 10.6 5.3 16.1
85 64.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 34.505 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 75 Resp: 76505
Ion Ratio Lower Upper
75 100
77 0.0 141.2 423.6#





#77

Bromobenzene

Concen: 20.608 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

ClientSampleId :

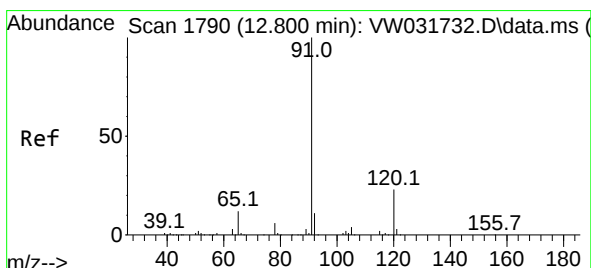
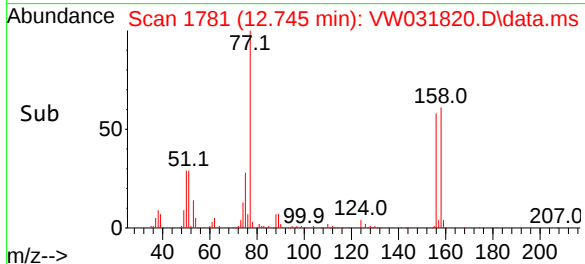
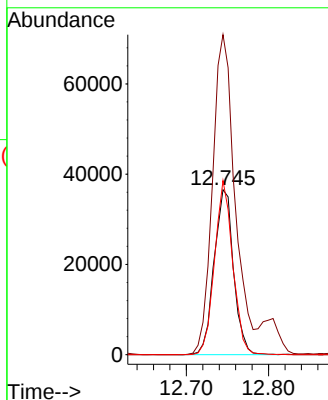
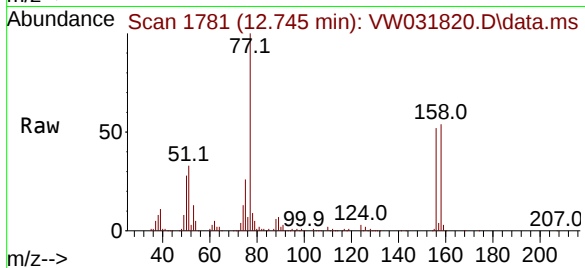
Tgt Ion:156 Resp: 59985

Ion Ratio Lower Upper

156 100

77 225.7 117.9 353.7

158 99.0 52.6 157.8



#78

n-propylbenzene

Concen: 20.473 ug/l

RT: 12.799 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW031820.D

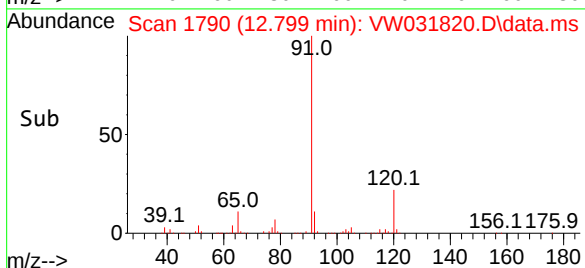
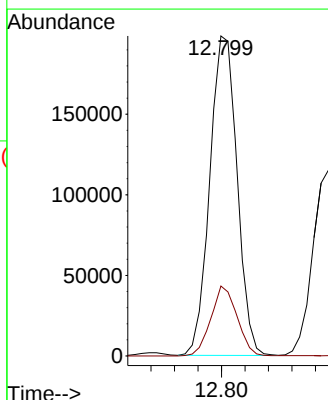
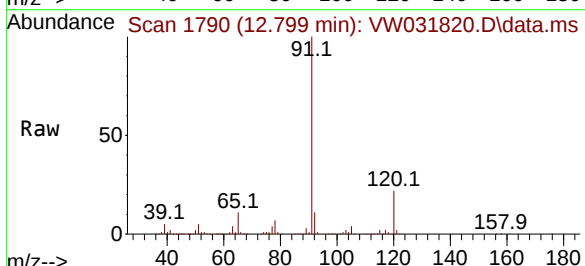
Acq: 11 Jul 2025 15:10

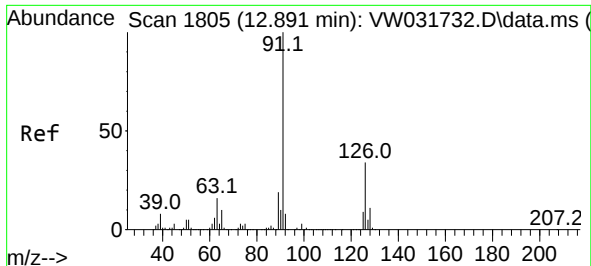
Tgt Ion: 91 Resp: 319958

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4

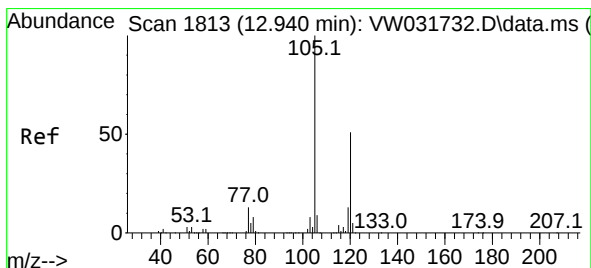
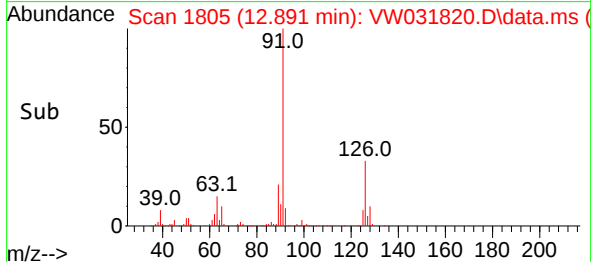
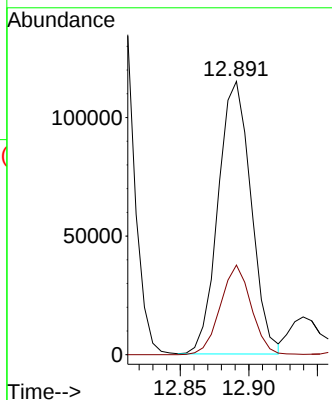
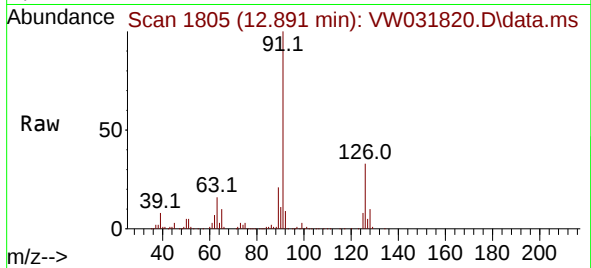




#79
2-Chlorotoluene
Concen: 20.412 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

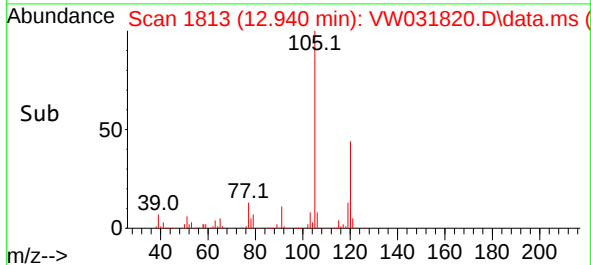
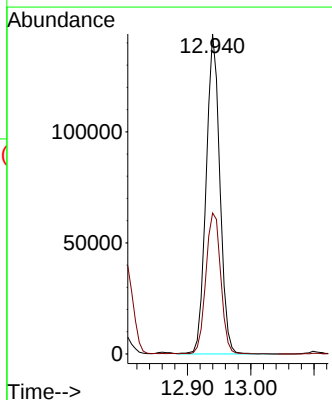
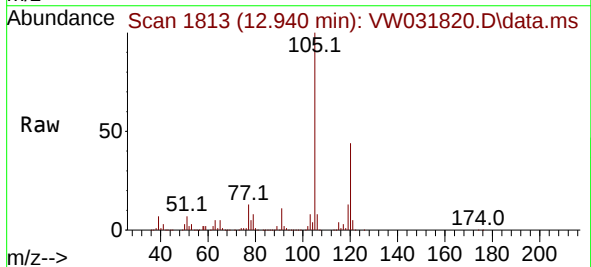
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 192096
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 20.163 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion:105 Resp: 217817
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.2

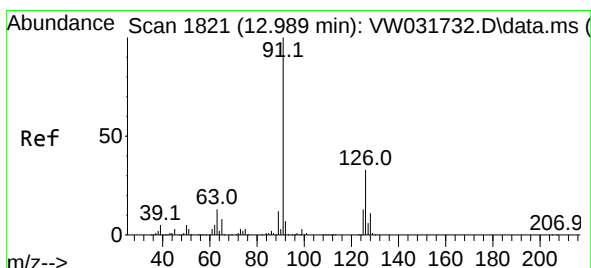
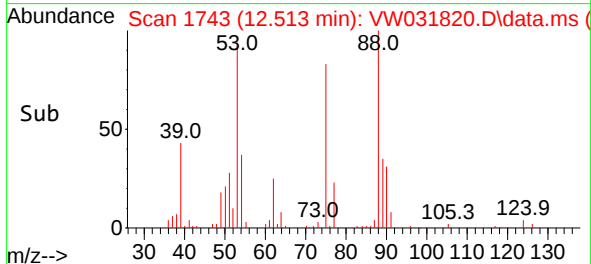
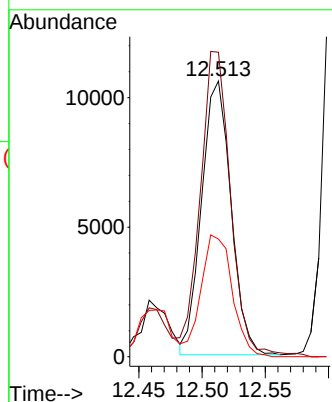
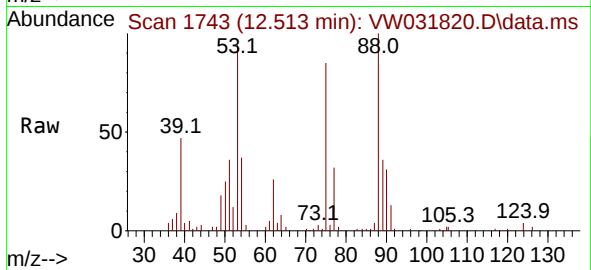




#81
trans-1,4-Dichloro-2-butene
Concen: 17.985 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

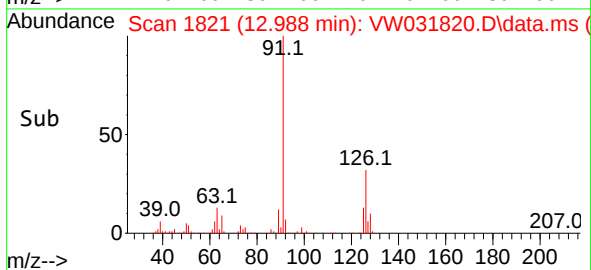
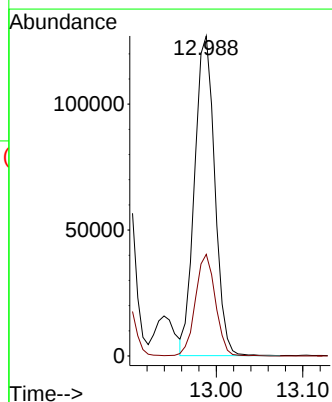
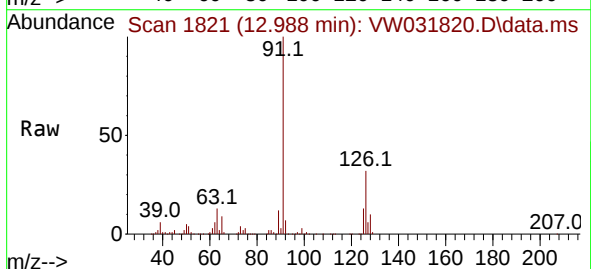
Instrument :
MSVOA_W
ClientSampleId :

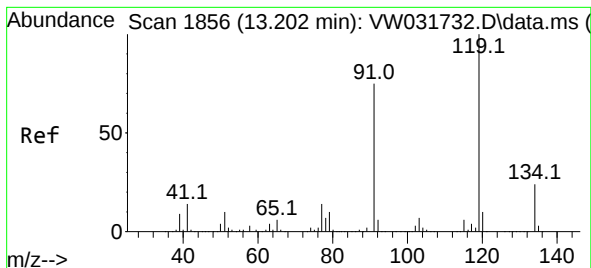
Tgt Ion	Ratio	Lower	Upper
75	100		
53	116.1	83.5	125.3
89	47.3	38.3	57.5



#82
4-Chlorotoluene
Concen: 20.727 ug/l
RT: 12.988 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

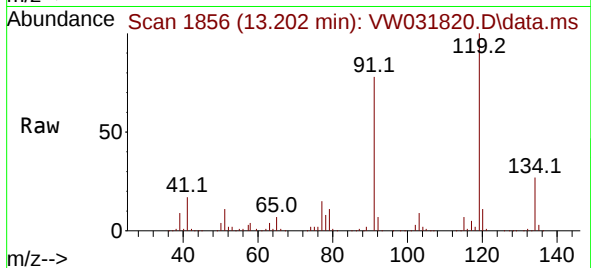
Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.0	47.9



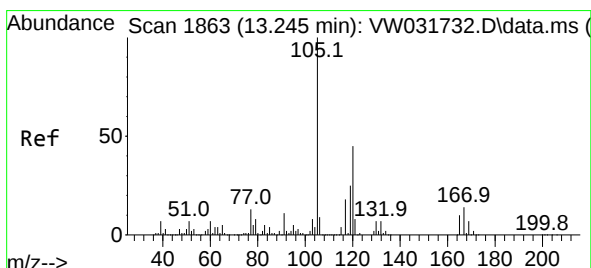
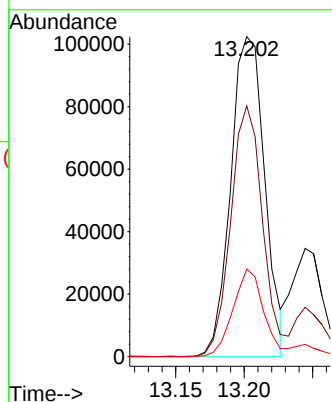
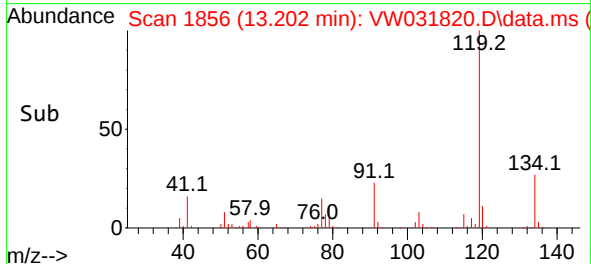


#83
tert-Butylbenzene
Concen: 19.132 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

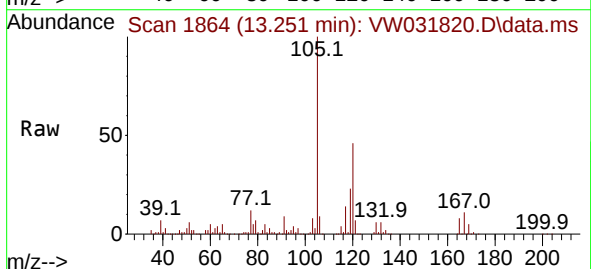
Instrument :
MSVOA_W
ClientSampleId :



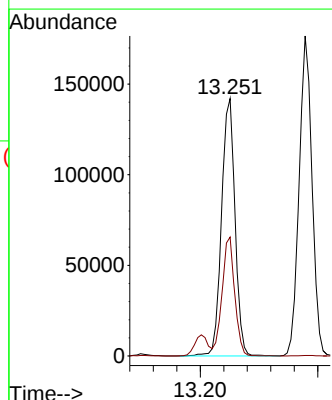
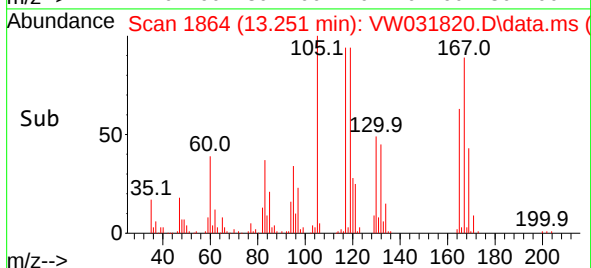
Tgt Ion:119 Resp: 177036
Ion Ratio Lower Upper
119 100
91 73.8 36.0 108.1
134 24.9 12.4 37.2

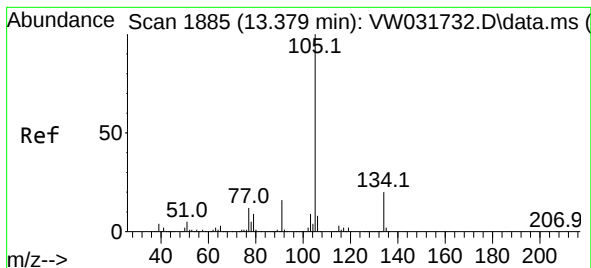


#84
1,2,4-Trimethylbenzene
Concen: 20.668 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10



Tgt Ion:105 Resp: 226223
Ion Ratio Lower Upper
105 100
120 43.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 19.327 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

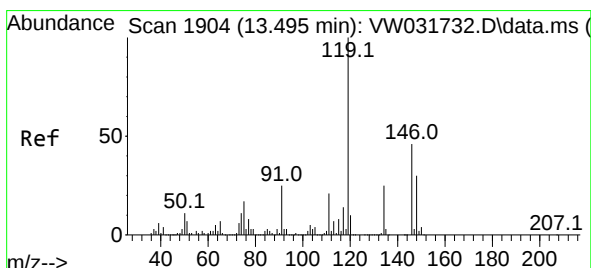
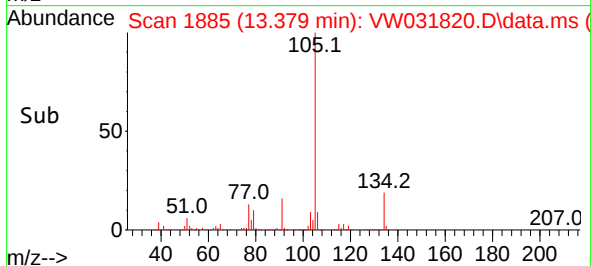
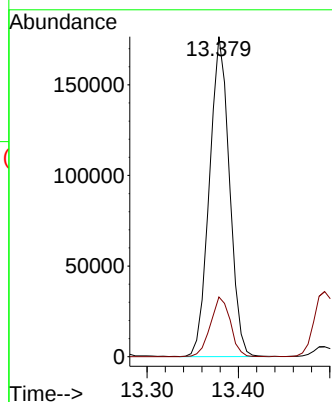
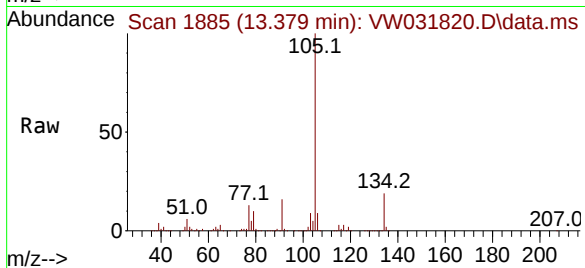
ClientSampleId :

Tgt Ion:105 Resp: 268446

Ion Ratio Lower Upper

105 100

134 18.6 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.041 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

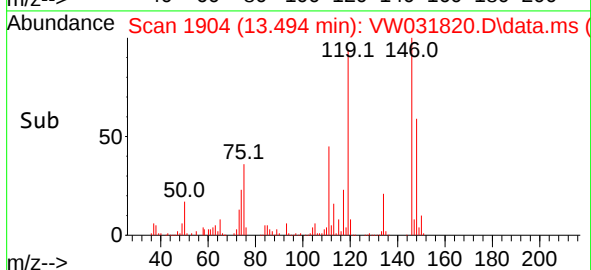
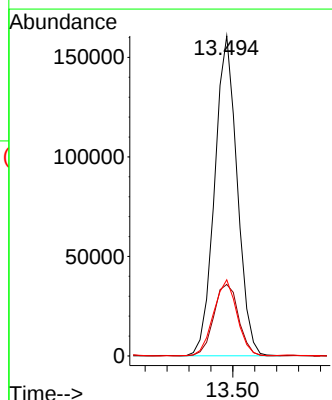
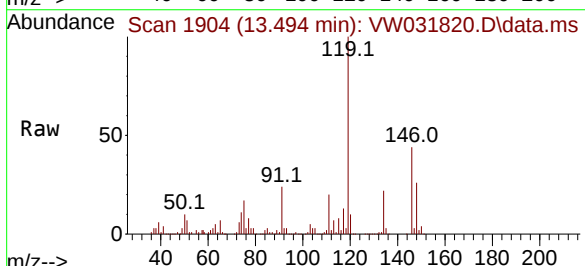
Tgt Ion:119 Resp: 229404

Ion Ratio Lower Upper

119 100

134 24.6 12.9 38.7

91 24.7 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.827 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

ClientSampleId :

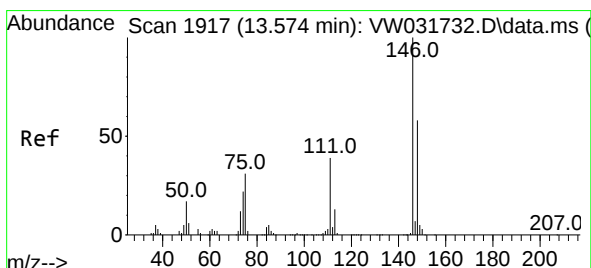
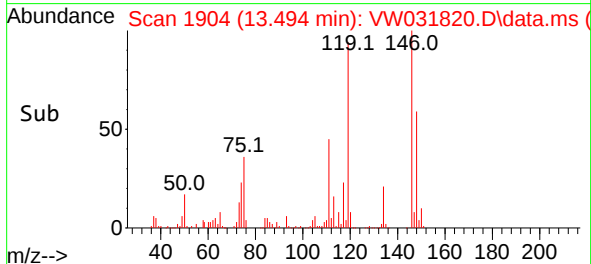
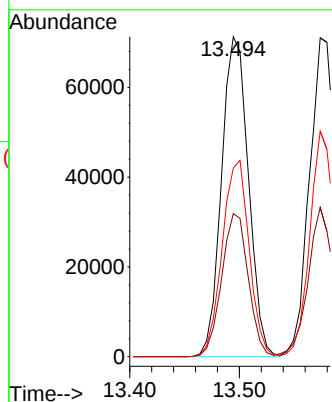
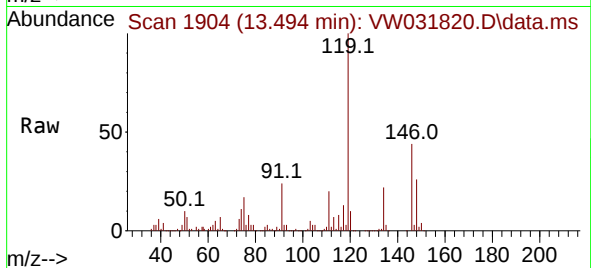
Tgt Ion:146 Resp: 121573

Ion Ratio Lower Upper

146 100

111 44.1 22.3 66.9

148 61.4 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.914 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

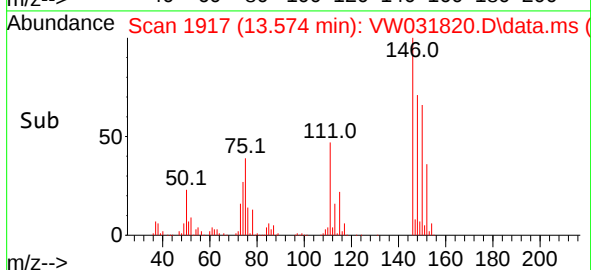
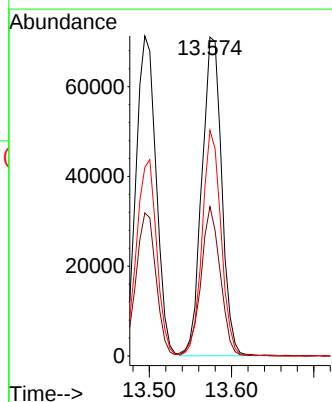
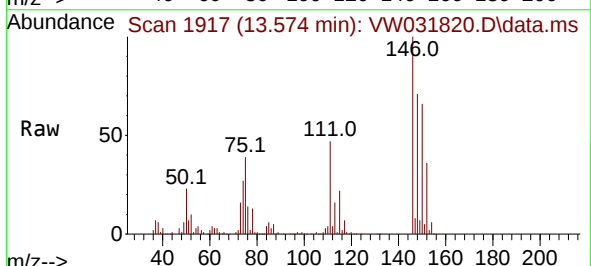
Tgt Ion:146 Resp: 118984

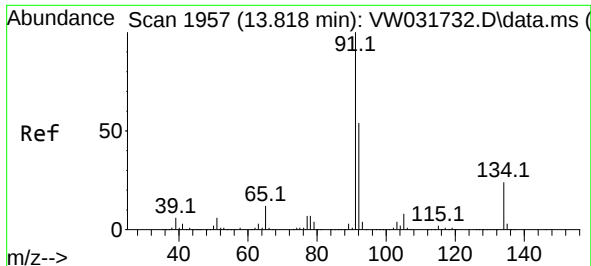
Ion Ratio Lower Upper

146 100

111 45.8 20.4 61.3

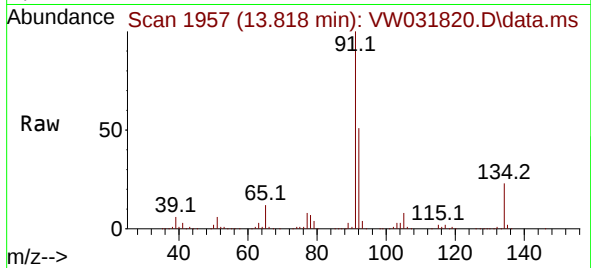
148 67.4 30.2 90.6



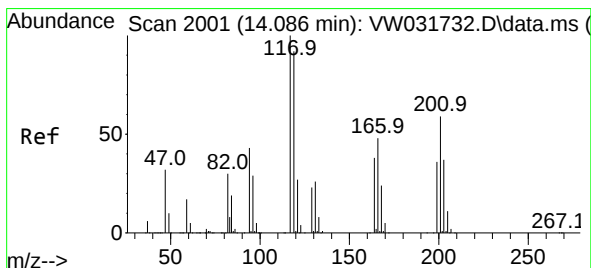
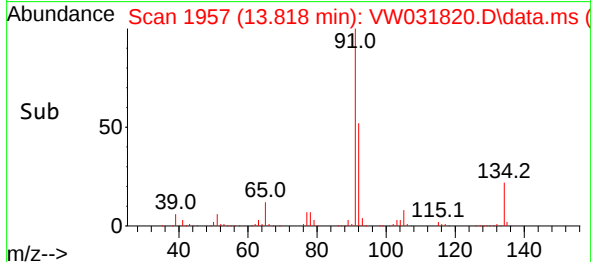
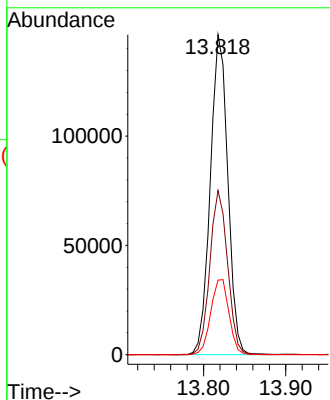


#89
n-Butylbenzene
Concen: 19.481 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Instrument :
MSVOA_W
ClientSampleId :

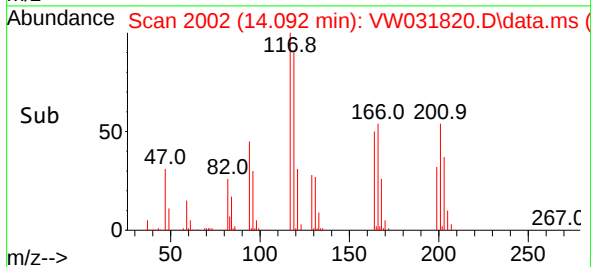
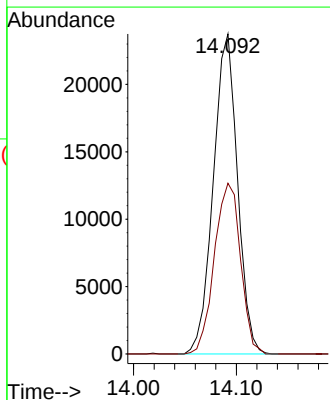
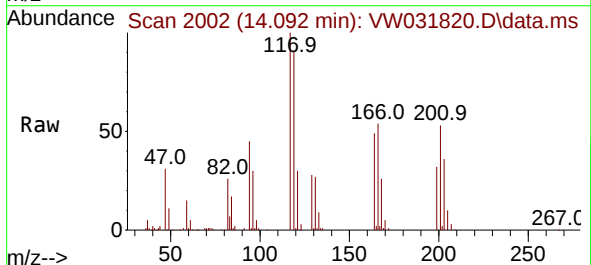


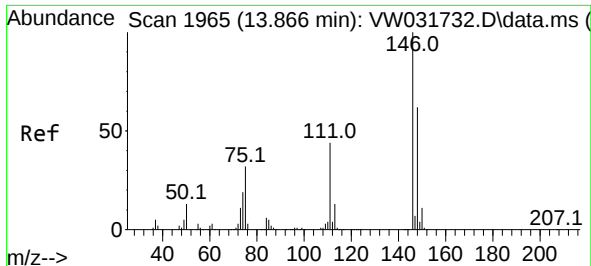
Tgt Ion: 91 Resp: 216660
Ion Ratio Lower Upper
91 100
92 51.9 27.2 81.5
134 24.4 12.2 36.6



#90
Hexachloroethane
Concen: 18.779 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 117 Resp: 38781
Ion Ratio Lower Upper
117 100
201 57.6 31.1 93.3

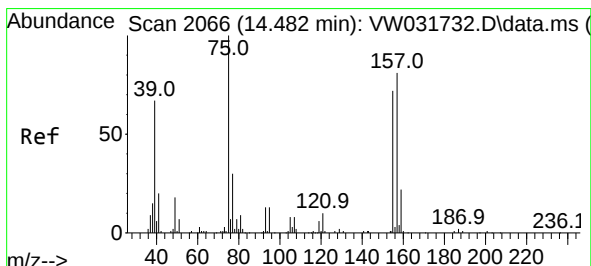
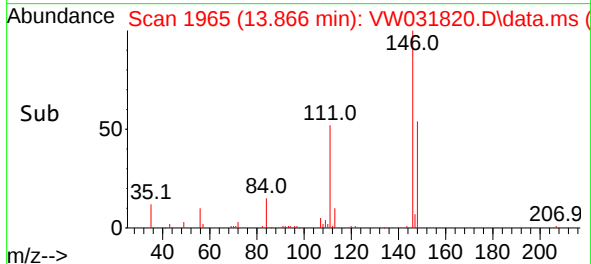
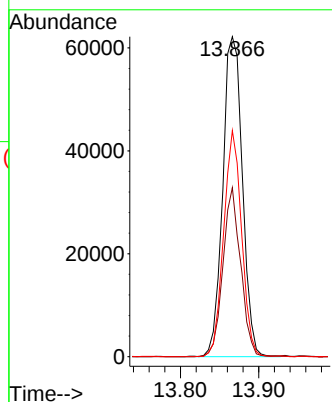
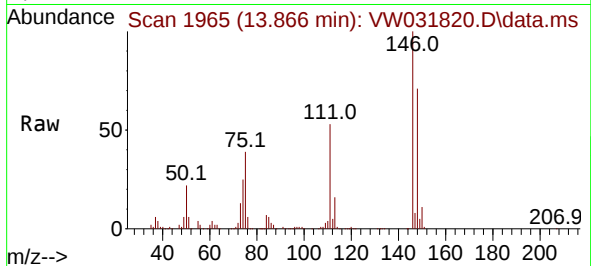




#91
1,2-Dichlorobenzene
Concen: 20.327 ug/l
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

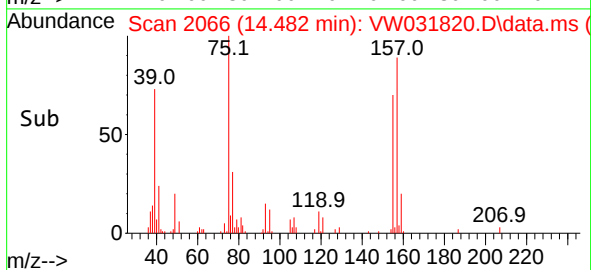
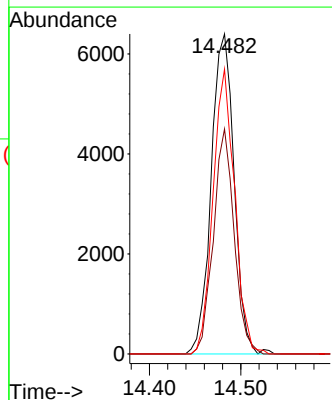
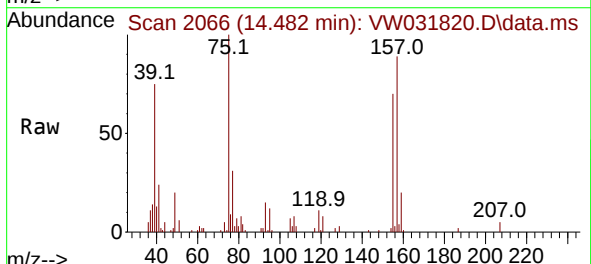
Instrument :
MSVOA_W
ClientSampleId :

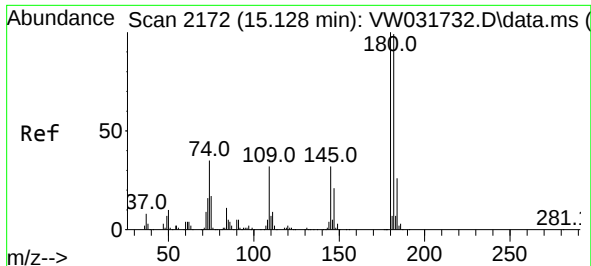
Tgt Ion:146 Resp: 108452
Ion Ratio Lower Upper
146 100
111 47.7 21.7 65.1
148 64.7 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.684 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion: 75 Resp: 11136
Ion Ratio Lower Upper
75 100
155 63.9 37.2 111.6
157 84.0 45.6 136.9

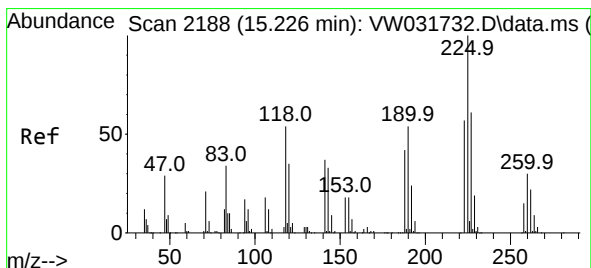
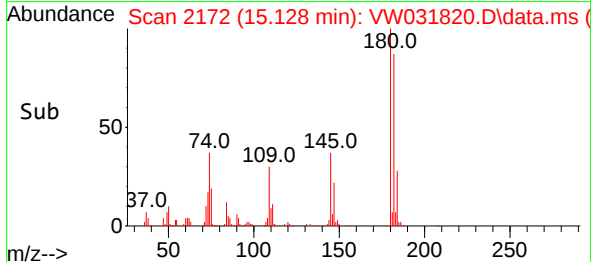
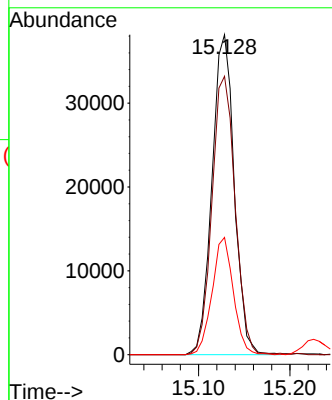
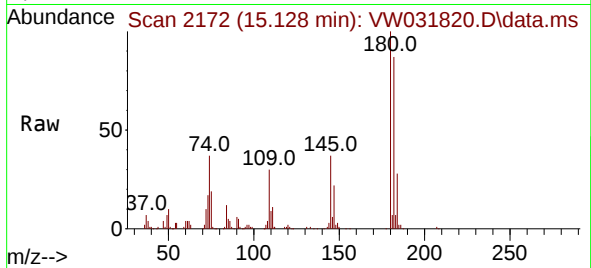




#93
1,2,4-Trichlorobenzene
Concen: 19.604 ug/l
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

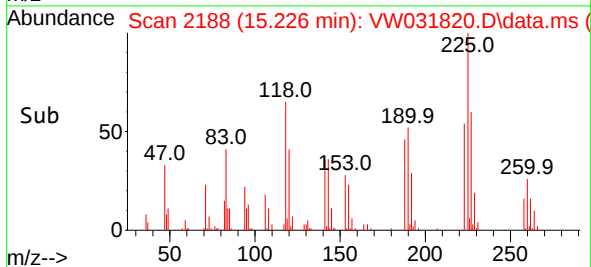
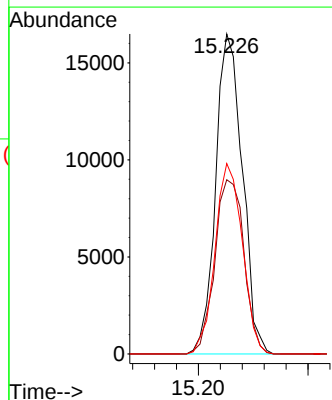
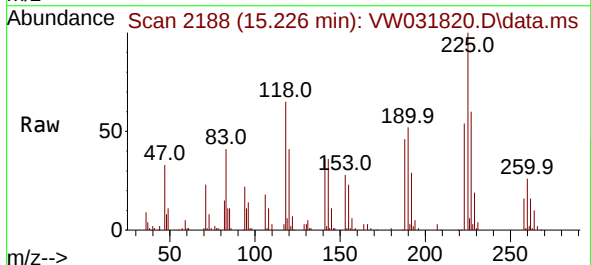
Instrument :
MSVOA_W
ClientSampleId :

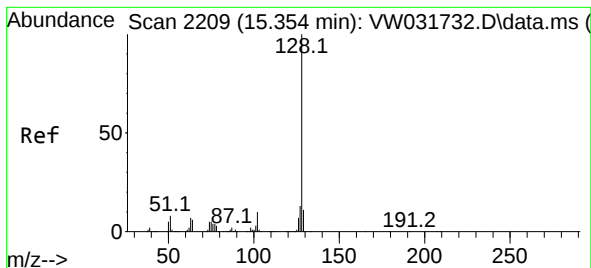
Tgt Ion:180 Resp: 64504
Ion Ratio Lower Upper
180 100
182 90.5 48.6 145.9
145 35.1 17.3 51.7



#94
Hexachlorobutadiene
Concen: 17.530 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW031820.D
Acq: 11 Jul 2025 15:10

Tgt Ion:225 Resp: 27853
Ion Ratio Lower Upper
225 100
223 59.5 32.6 97.8
227 61.1 37.3 111.8





#95

Naphthalene

Concen: 19.731 ug/l

RT: 15.360 min Scan# 2209

Delta R.T. 0.006 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Instrument :

MSVOA_W

ClientSampleId :

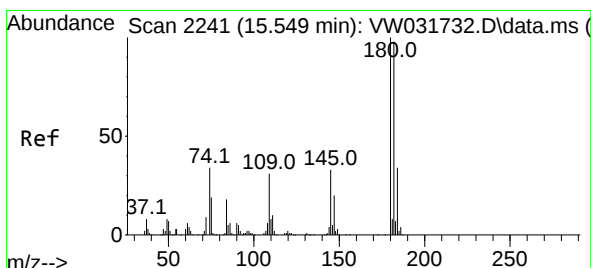
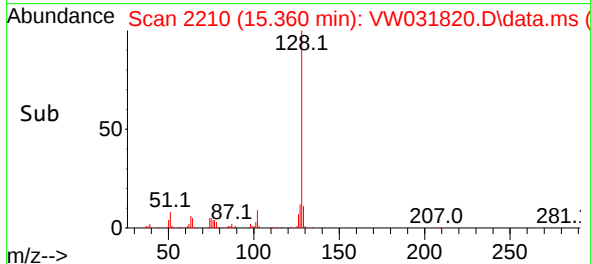
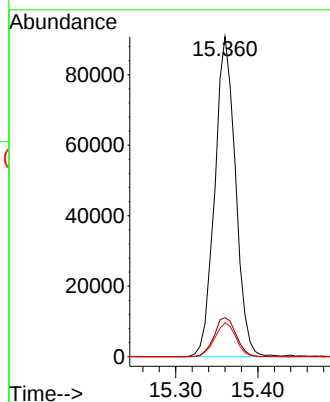
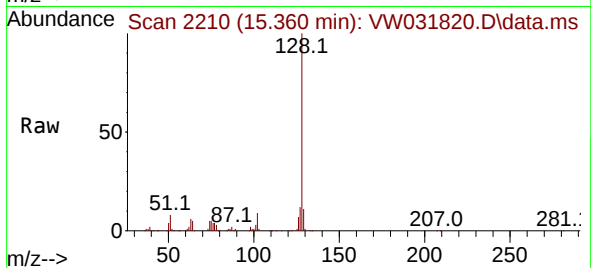
Tgt Ion:128 Resp: 159171

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.255 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031820.D

Acq: 11 Jul 2025 15:10

Tgt Ion:180 Resp: 58216

Ion Ratio Lower Upper

180 100

182 99.7 46.4 139.1

145 37.8 17.8 53.3

