

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031879.D
 Acq On : 17 Jul 2025 10:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 18 02:47:42 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	223528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	407518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	363866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	159160	49.615	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.240%
35) Dibromofluoromethane	7.898	113	134149	50.447	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.900%
50) Toluene-d8	10.331	98	491719	49.688	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.617	95	191263	52.519	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	105.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	83525	54.867	ug/l	99
3) Chloromethane	2.259	50	103034	56.140	ug/l	96
4) Vinyl Chloride	2.405	62	137655	57.064	ug/l	96
5) Bromomethane	2.826	94	97293	51.637	ug/l	98
6) Chloroethane	2.978	64	86359	52.703	ug/l	94
7) Trichlorofluoromethane	3.308	101	127438	58.171	ug/l	94
8) Diethyl Ether	3.716	74	88223	52.996	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	130941	53.849	ug/l	99
10) Methyl Iodide	4.301	142	192729	51.412	ug/l	99
11) Tert butyl alcohol	5.216	59	54560	274.533	ug/l	99
12) 1,1-Dichloroethene	4.082	96	147061	55.214	ug/l	94
13) Acrolein	3.929	56	81893	229.266	ug/l	97
14) Allyl chloride	4.704	41	222102	54.349	ug/l	96
15) Acrylonitrile	5.405	53	221952	271.127	ug/l	100
16) Acetone	4.161	43	195498	246.564	ug/l	98
17) Carbon Disulfide	4.417	76	382941	53.729	ug/l	99
18) Methyl Acetate	4.710	43	98137	43.307	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	260946	57.722	ug/l	100
20) Methylene Chloride	4.954	84	158682	50.225	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	155806	55.053	ug/l	96
22) Diisopropyl ether	6.338	45	454978	57.086	ug/l	97
23) Vinyl Acetate	6.283	43	1668373	306.466	ug/l	99
24) 1,1-Dichloroethane	6.246	63	283191	54.805	ug/l	98
25) 2-Butanone	7.197	43	296119	287.069	ug/l	98
26) 2,2-Dichloropropane	7.185	77	147505	48.927	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	184718	56.781	ug/l	98
28) Bromochloromethane	7.532	49	112857	49.494	ug/l	96
29) Tetrahydrofuran	7.551	42	197901	280.147	ug/l	99
30) Chloroform	7.691	83	304532	55.464	ug/l	97
31) Cyclohexane	7.971	56	254409	55.699	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	222050	52.478	ug/l	99
36) 1,1-Dichloropropene	8.093	75	215491	56.000	ug/l	99
37) Ethyl Acetate	7.270	43	134968	55.601	ug/l	99
38) Carbon Tetrachloride	8.081	117	212286	54.137	ug/l	97
39) Methylcyclohexane	9.343	83	276403	57.733	ug/l	96
40) Benzene	8.337	78	633616	55.655	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	75402	57.986	ug/l	96
42) 1,2-Dichloroethane	8.410	62	210379	54.689	ug/l	99
43) Isopropyl Acetate	8.435	43	244018	58.317	ug/l	99
44) Trichloroethene	9.099	130	148283	52.184	ug/l	91
45) 1,2-Dichloropropane	9.374	63	153150	55.660	ug/l	99
46) Dibromomethane	9.465	93	96218	54.164	ug/l	97
47) Bromodichloromethane	9.648	83	232307	55.767	ug/l	97
48) Methyl methacrylate	9.441	41	115942	56.352	ug/l	97
49) 1,4-Dioxane	9.471	88	22210	1067.503	ug/l #	96
51) 4-Methyl-2-Pentanone	10.215	43	666408	277.021	ug/l	98
52) Toluene	10.392	92	407011	55.837	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	224441	57.425	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	256718	57.940	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	129618	55.703	ug/l	96
56) Ethyl methacrylate	10.648	69	199621	63.233	ug/l	95
57) 1,3-Dichloropropane	10.934	76	229385	56.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	497560	286.225	ug/l	98
59) 2-Hexanone	10.971	43	470558	288.659	ug/l	98
60) Dibromochloromethane	11.129	129	153765	55.259	ug/l	100
61) 1,2-Dibromoethane	11.239	107	131112	56.284	ug/l	99
64) Tetrachloroethene	10.861	164	118116	49.626	ug/l	95
65) Chlorobenzene	11.660	112	438921	54.673	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	134739	52.667	ug/l	98
67) Ethyl Benzene	11.727	91	799238	57.412	ug/l	97
68) m/p-Xylenes	11.837	106	597611	111.672	ug/l	99
69) o-Xylene	12.166	106	280183	56.547	ug/l	99
70) Styrene	12.178	104	495987	57.903	ug/l	99
71) Bromoform	12.349	173	82213	53.869	ug/l #	99
73) Isopropylbenzene	12.458	105	756257	58.747	ug/l	100
74) N-amyl acetate	12.269	43	223490	64.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	162380	56.817	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	209357	95.728	ug/l	41
77) Bromobenzene	12.745	156	164163	57.177	ug/l	89
78) n-propylbenzene	12.800	91	895797	58.111	ug/l	99
79) 2-Chlorotoluene	12.891	91	543360	58.535	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	629147	59.044	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	54352	57.885	ug/l	99
82) 4-Chlorotoluene	12.983	91	559617	57.422	ug/l	98
83) tert-Butylbenzene	13.202	119	522272	57.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	624928	57.883	ug/l	100
85) sec-Butylbenzene	13.379	105	786777	57.428	ug/l	99
86) p-Isopropyltoluene	13.495	119	650131	57.580	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	319887	55.556	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	318305	54.010	ug/l	96
89) n-Butylbenzene	13.818	91	625152	56.986	ug/l	97
90) Hexachloroethane	14.092	117	116210	57.050	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	286699	54.478	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	30881	55.339	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	182359	56.187	ug/l	96
94) Hexachlorobutadiene	15.232	225	91506	58.387	ug/l	84
95) Naphthalene	15.360	128	471101	59.206	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	155647	52.192	ug/l	97

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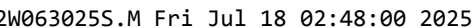
Instrument :
MSVOA_W
ClientSampleId :

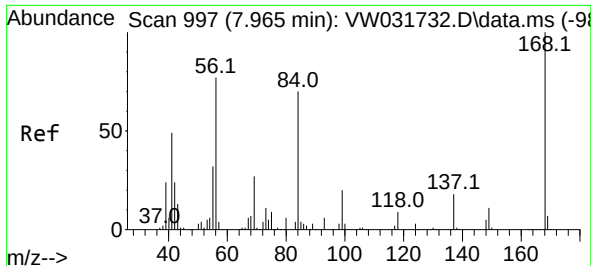
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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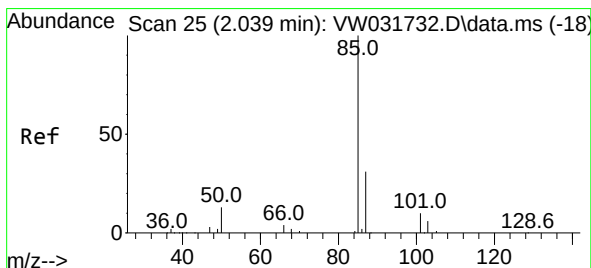
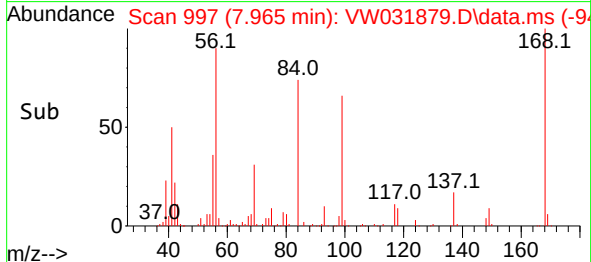
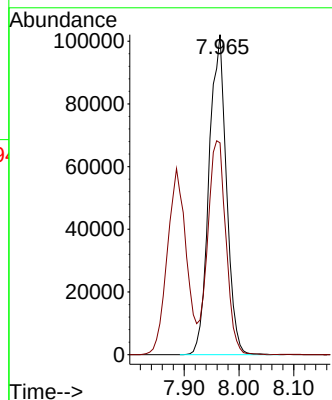
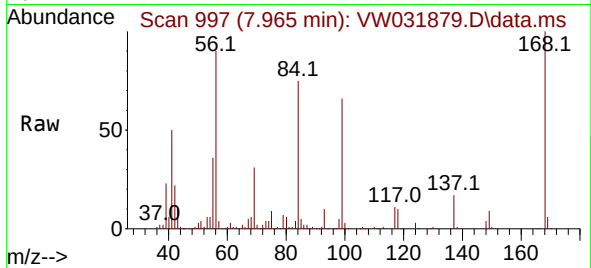




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031879.D
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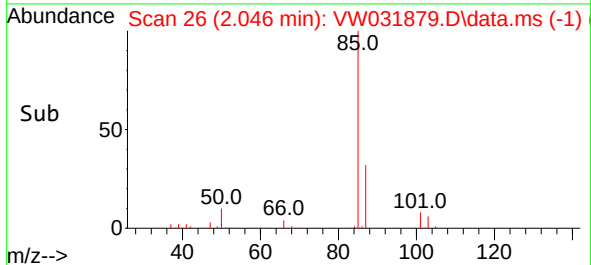
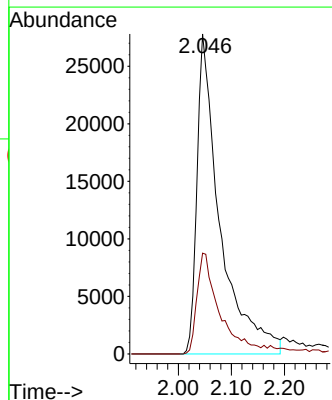
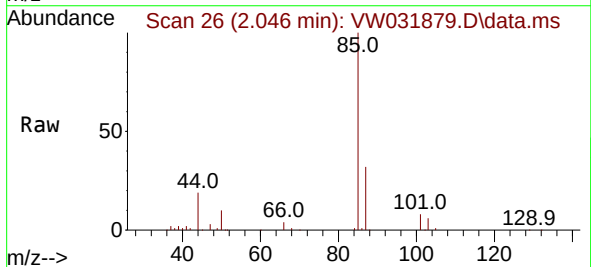
Instrument :
MSVOA_W
ClientSampleId :

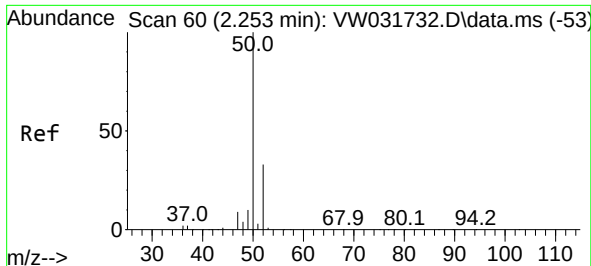
Tgt Ion:168 Resp: 223528
Ion Ratio Lower Upper
168 100
99 66.1 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 54.867 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 85 Resp: 83525
Ion Ratio Lower Upper
85 100
87 31.5 15.4 46.2

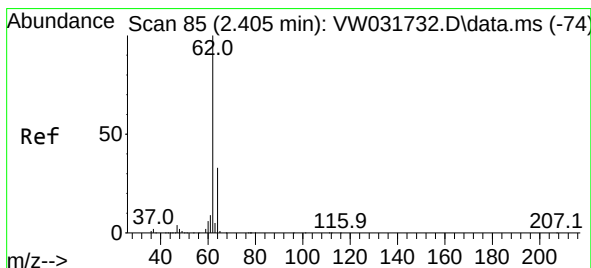
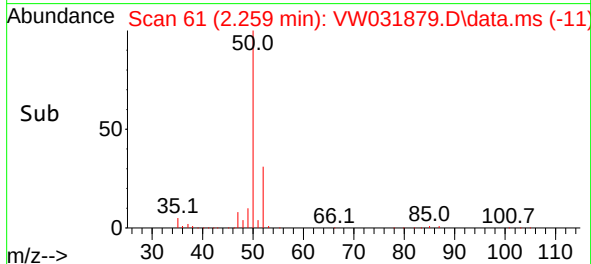
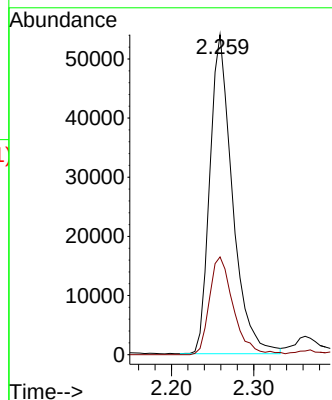
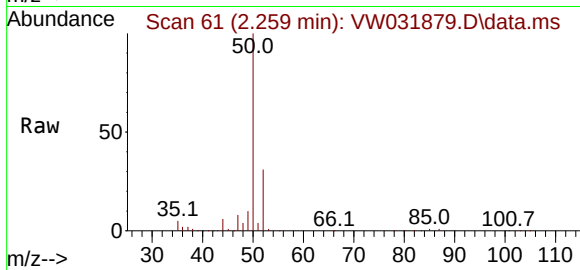




#3
Chloromethane
Concen: 56.140 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

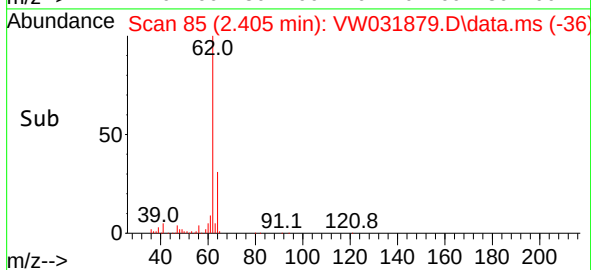
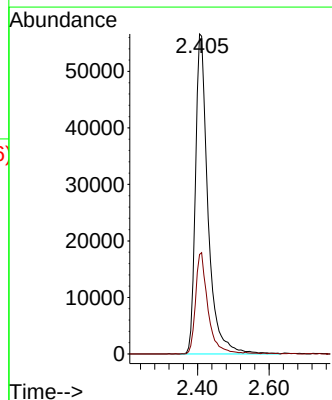
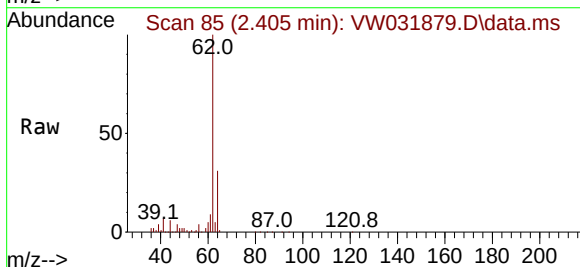
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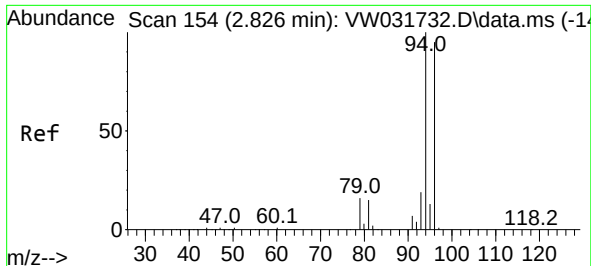
Tgt Ion: 50 Resp: 103034
Ion Ratio Lower Upper
50 100
52 30.7 26.2 39.2



#4
Vinyl Chloride
Concen: 57.064 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 62 Resp: 137655
Ion Ratio Lower Upper
62 100
64 31.1 26.8 40.2

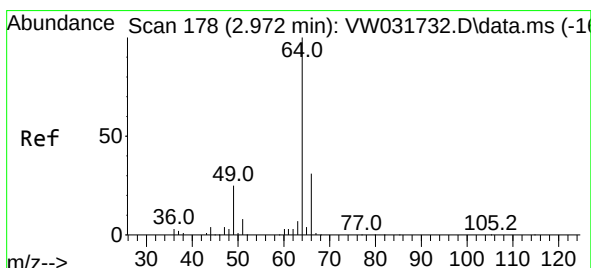
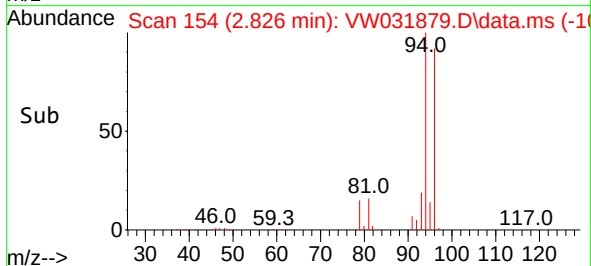
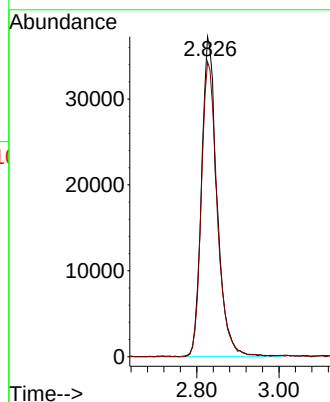
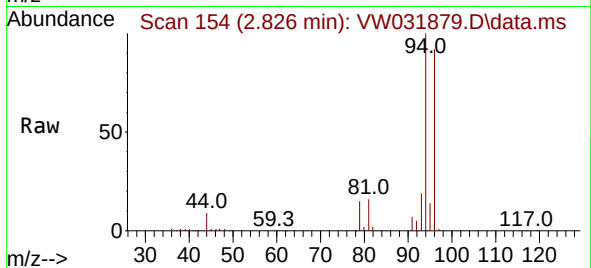




#5
Bromomethane
Concen: 51.637 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

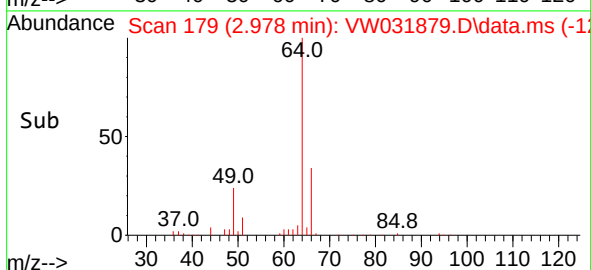
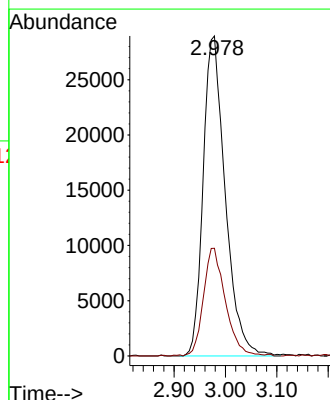
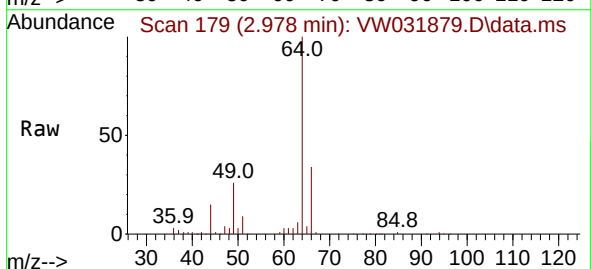
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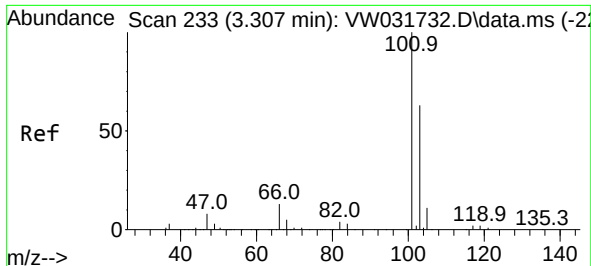
Tgt Ion: 94 Resp: 97293
Ion Ratio Lower Upper
94 100
96 92.1 75.6 113.4



#6
Chloroethane
Concen: 52.703 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 64 Resp: 86359
Ion Ratio Lower Upper
64 100
66 33.6 24.5 36.7

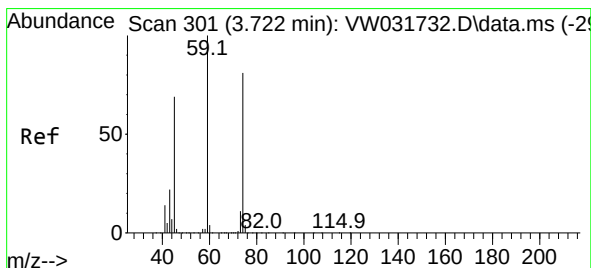
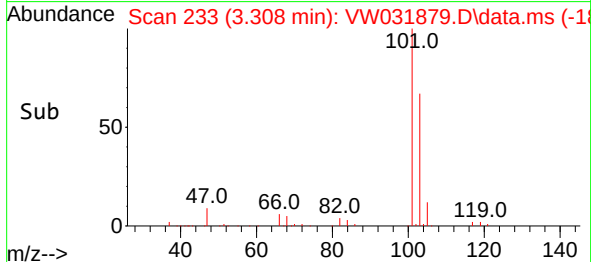
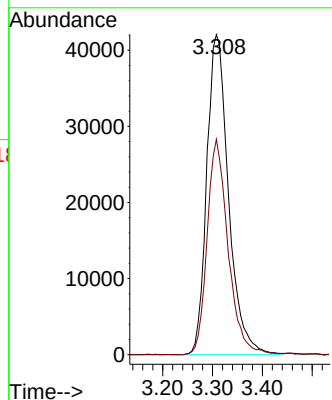
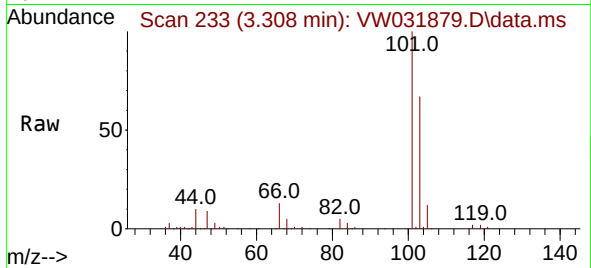




#7
 Trichlorofluoromethane
 Concen: 58.171 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031879.D
 Acq: 17 Jul 2025 10:17

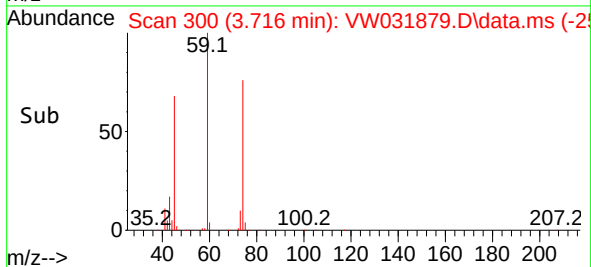
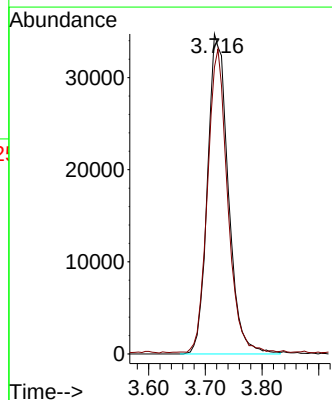
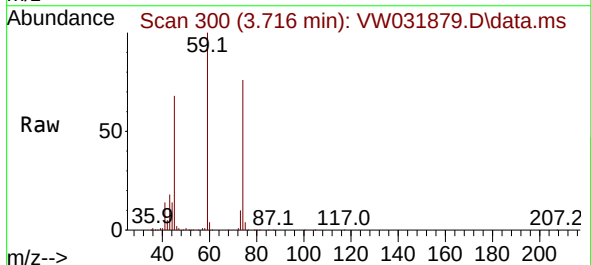
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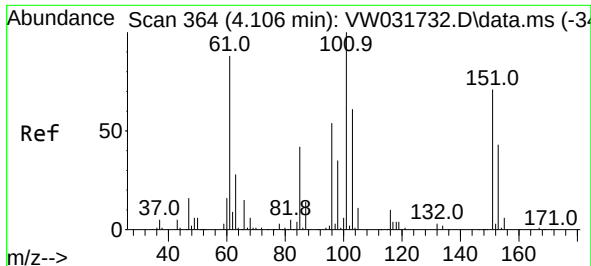
Tgt Ion:101 Resp: 127438
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.2 75.4



#8
 Diethyl Ether
 Concen: 52.996 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW031879.D
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Tgt Ion: 74 Resp: 88223
 Ion Ratio Lower Upper
 74 100
 45 91.8 43.9 131.7

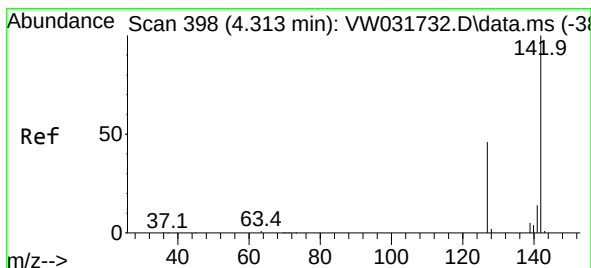
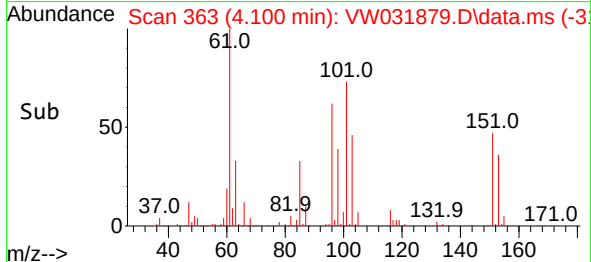
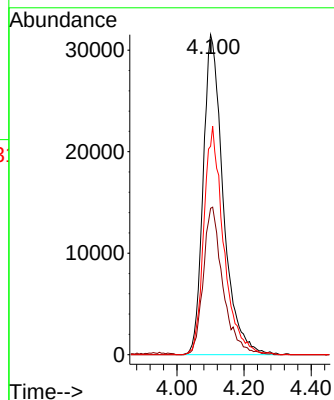
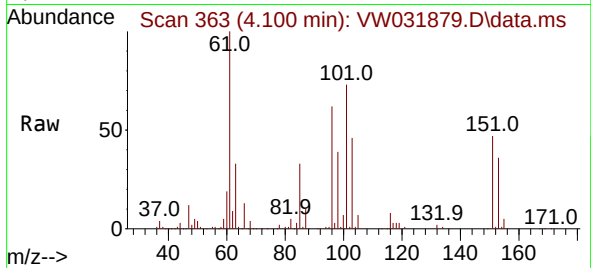




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.849 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
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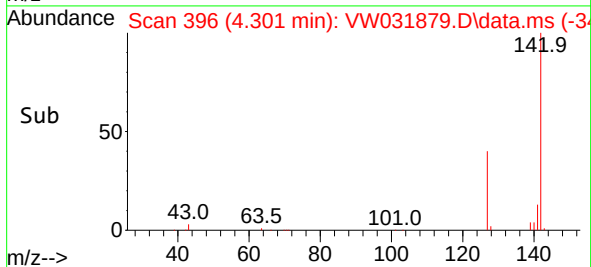
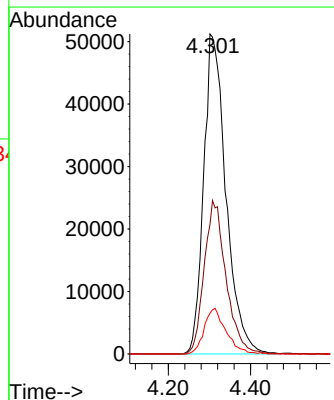
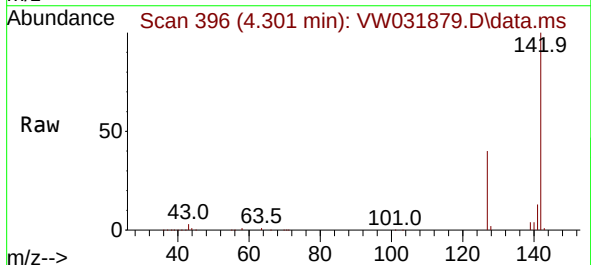
Instrument :
MSVOA_W
ClientSampleId :

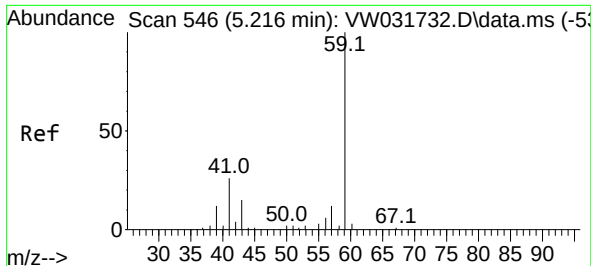
Tgt Ion:101 Resp: 130941
Ion Ratio Lower Upper
101 100
85 45.1 35.6 53.4
151 70.3 56.8 85.2



#10
Methyl Iodide
Concen: 51.412 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

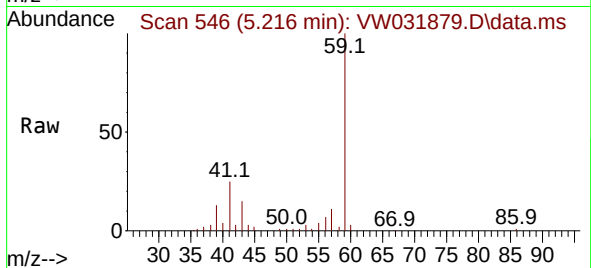
Tgt Ion:142 Resp: 192729
Ion Ratio Lower Upper
142 100
127 46.9 37.9 56.9
141 13.9 11.7 17.5



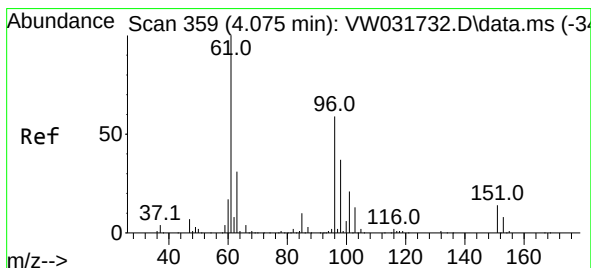
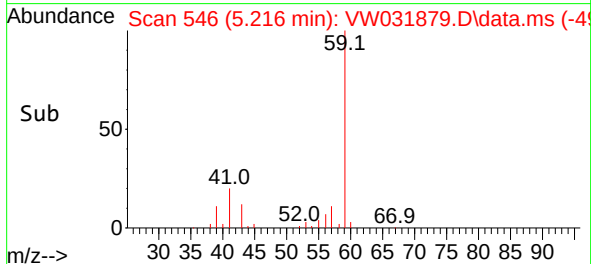
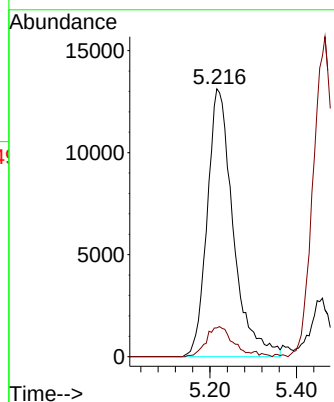


#11
Tert butyl alcohol
Concen: 274.533 ug/l
RT: 5.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Instrument :
MSVOA_W
ClientSampleId :

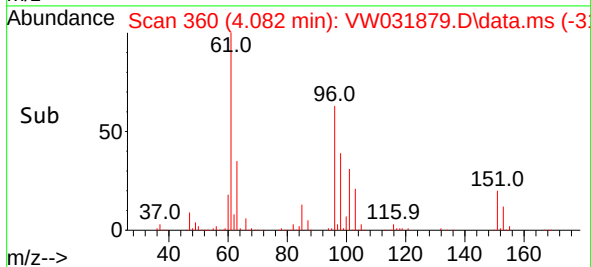
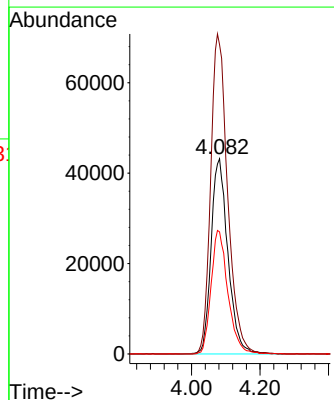
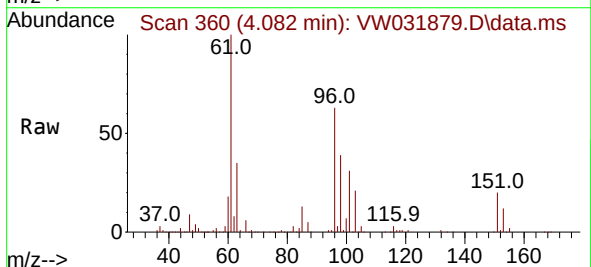


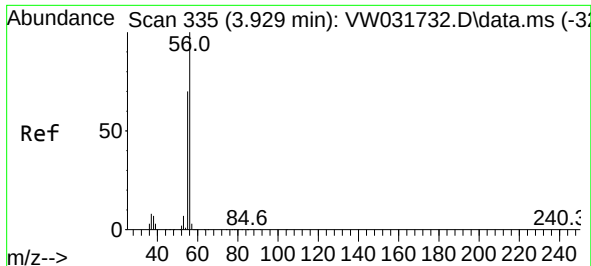
Tgt Ion: 59 Resp: 54560
Ion Ratio Lower Upper
59 100
57 11.3 9.5 14.3



#12
1,1-Dichloroethene
Concen: 55.214 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 96 Resp: 147061
Ion Ratio Lower Upper
96 100
61 158.5 135.8 203.8
98 62.5 50.4 75.6

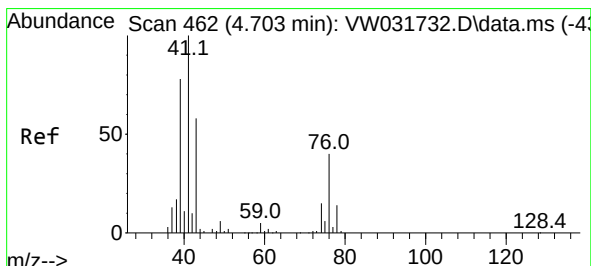
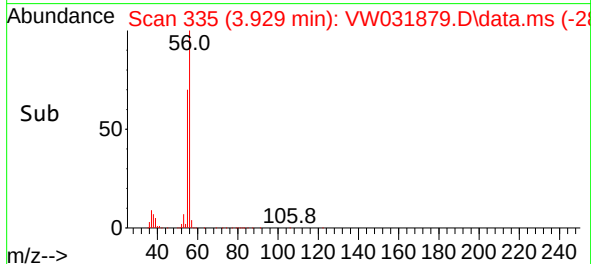
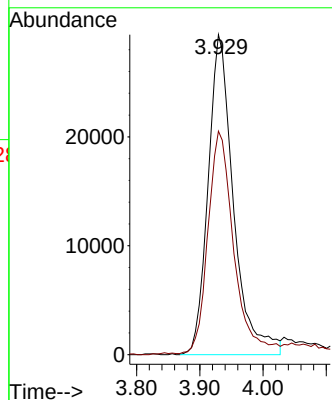
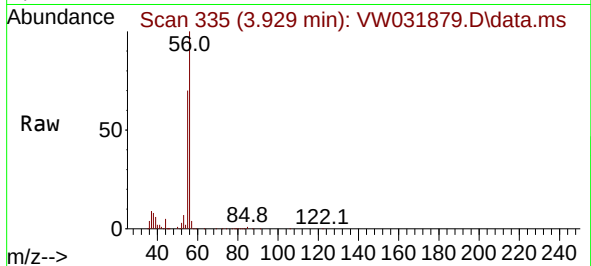




#13
Acrolein
Concen: 229.266 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

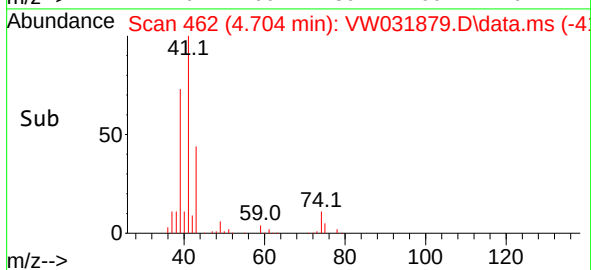
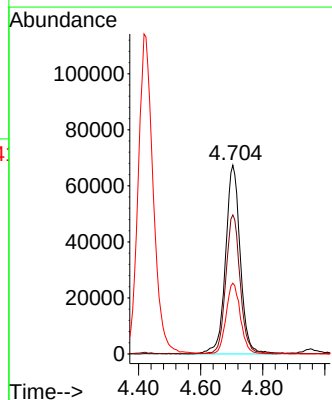
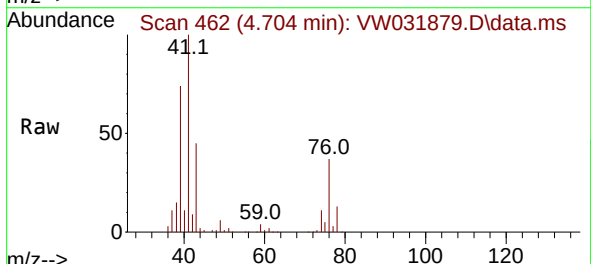
Instrument :
MSVOA_W
ClientSampleId :

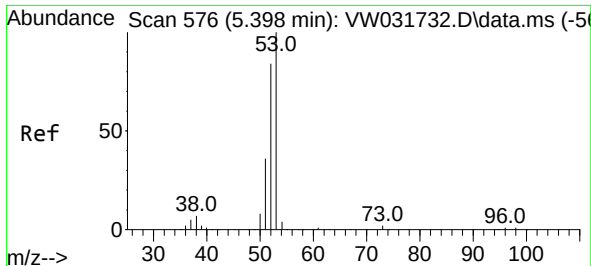
Tgt Ion: 56 Resp: 81893
Ion Ratio Lower Upper
56 100
55 70.2 54.0 81.0



#14
Allyl chloride
Concen: 54.349 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

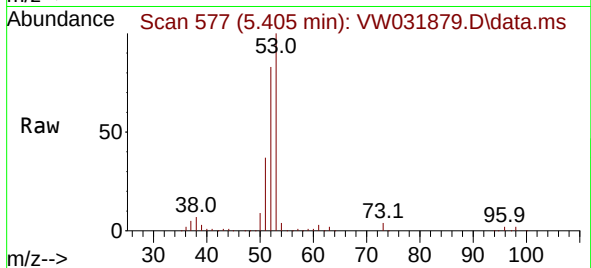
Tgt Ion: 41 Resp: 222102
Ion Ratio Lower Upper
41 100
39 71.4 60.7 91.1
76 36.5 30.3 45.5





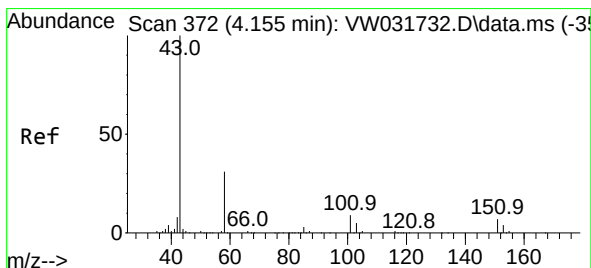
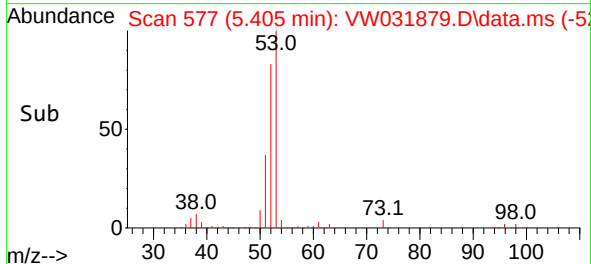
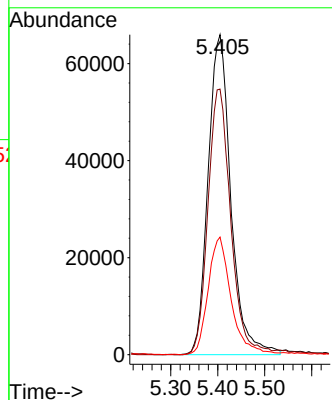
#15
Acrylonitrile
Concen: 271.127 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 53 Resp: 221952

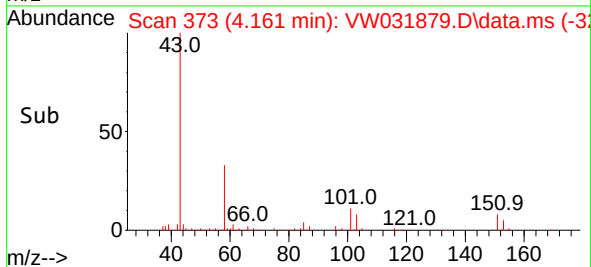
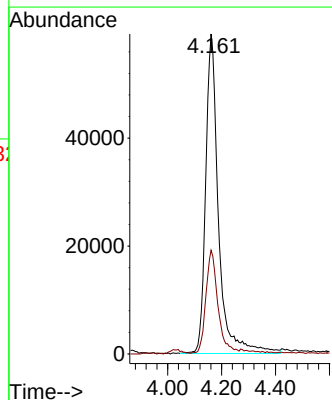
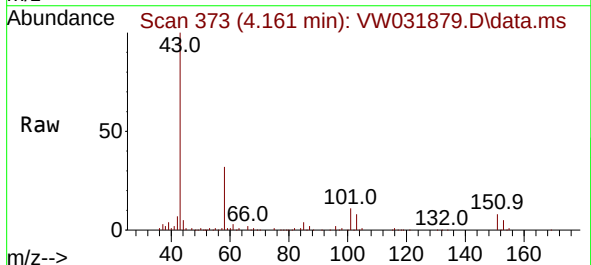
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.4	99.6
51	37.1	29.9	44.9

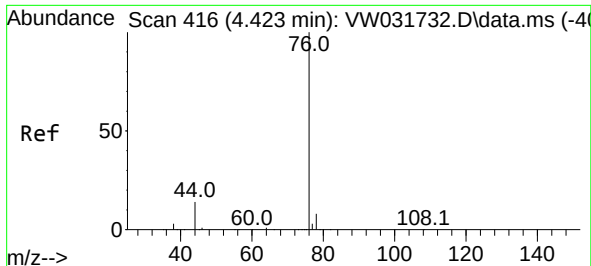


#16
Acetone
Concen: 246.564 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 43 Resp: 195498

Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.8	37.2

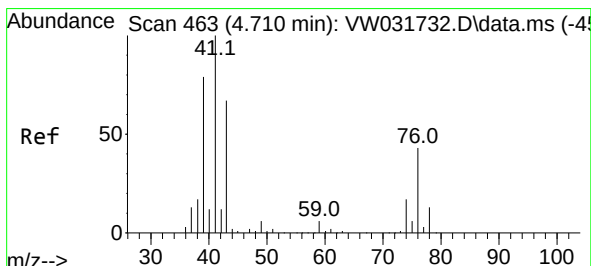
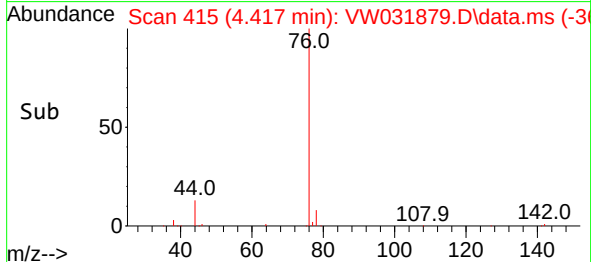
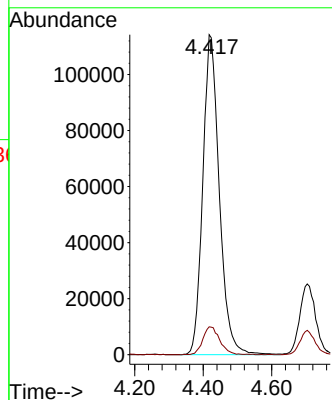
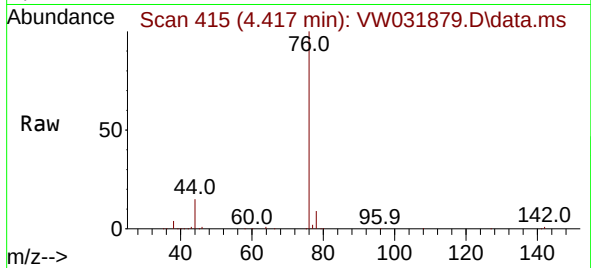




#17
Carbon Disulfide
Concen: 53.729 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

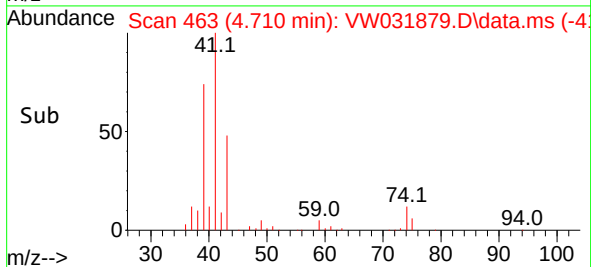
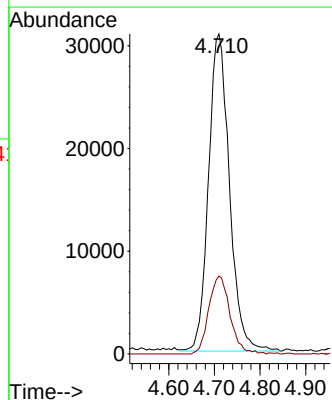
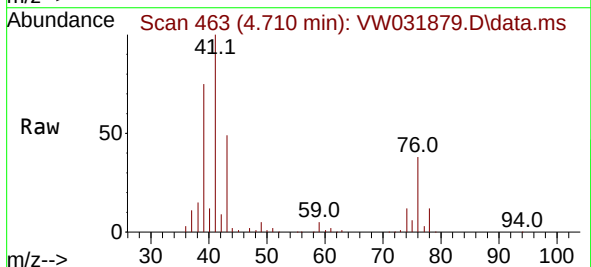
Instrument :
MSVOA_W
ClientSampleId :

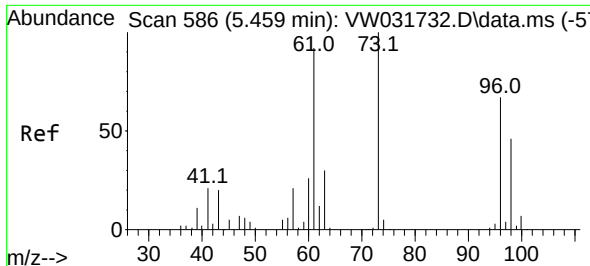
Tgt Ion: 76 Resp: 382941
Ion Ratio Lower Upper
76 100
78 8.7 6.6 10.0



#18
Methyl Acetate
Concen: 43.307 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 43 Resp: 98137
Ion Ratio Lower Upper
43 100
74 24.9 20.6 30.8

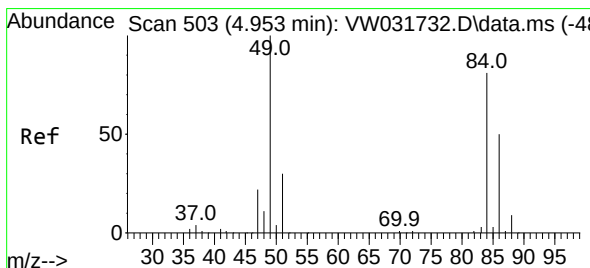
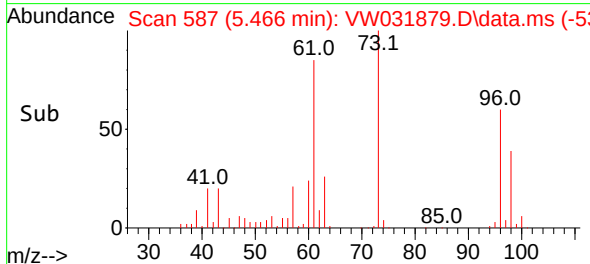
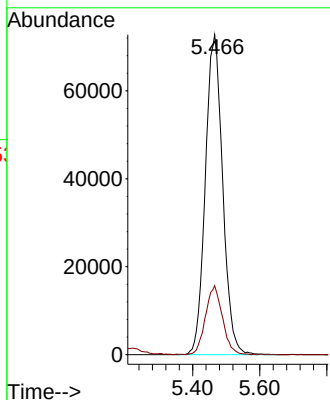
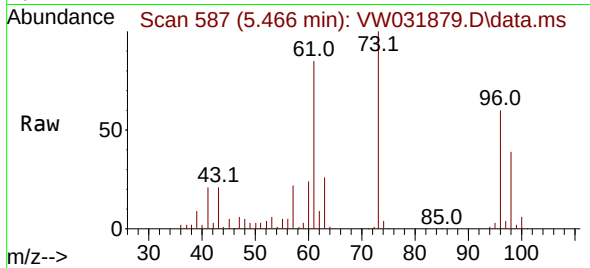




#19
Methyl tert-butyl Ether
Concen: 57.722 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

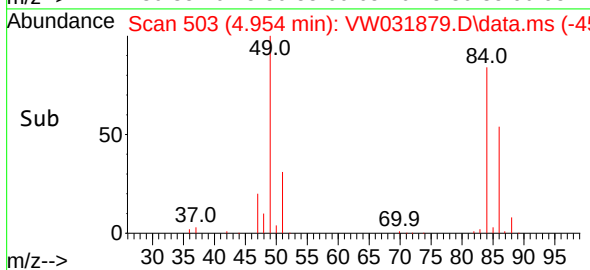
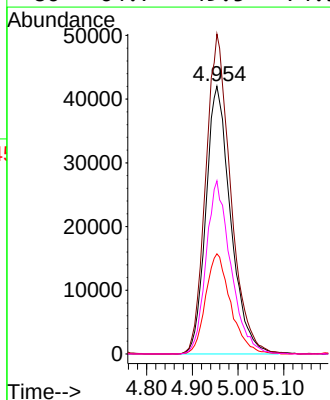
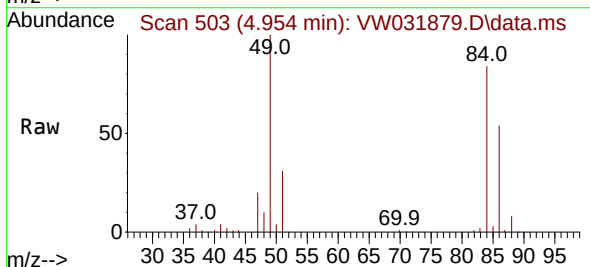
Instrument :
MSVOA_W
ClientSampleId :

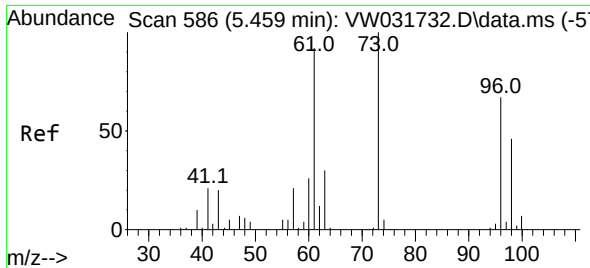
Tgt Ion: 73 Resp: 260946
Ion Ratio Lower Upper
73 100
57 21.6 17.2 25.8



#20
Methylene Chloride
Concen: 50.225 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 84 Resp: 158682
Ion Ratio Lower Upper
84 100
49 119.6 98.2 147.4
51 37.4 29.8 44.8
86 64.7 49.5 74.3

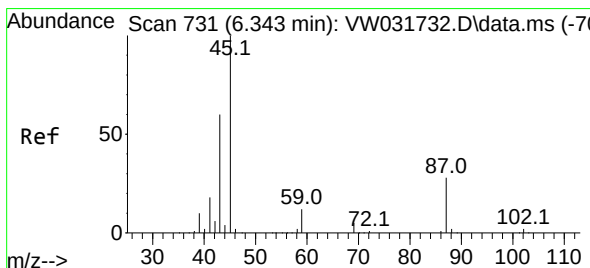
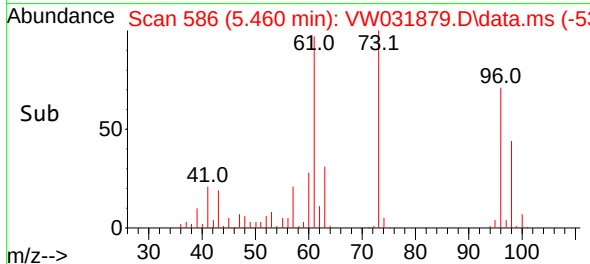
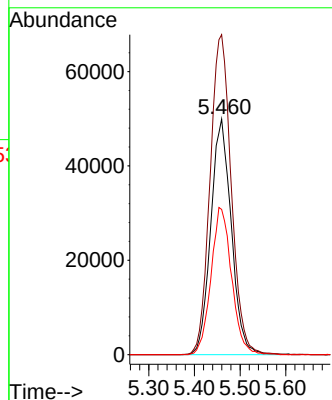
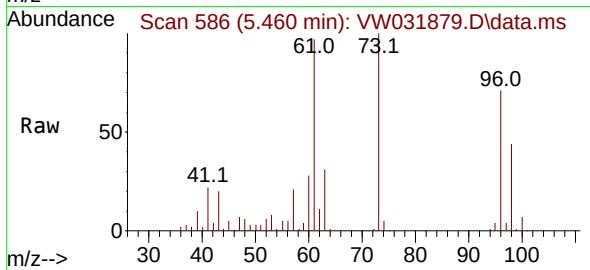




#21
trans-1,2-Dichloroethene
Concen: 55.053 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

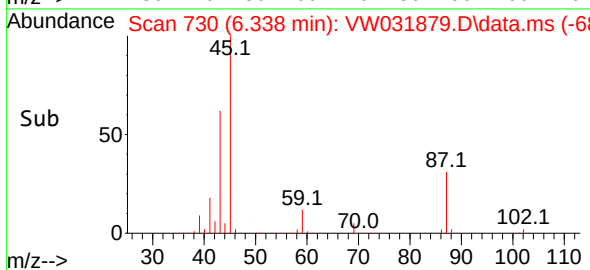
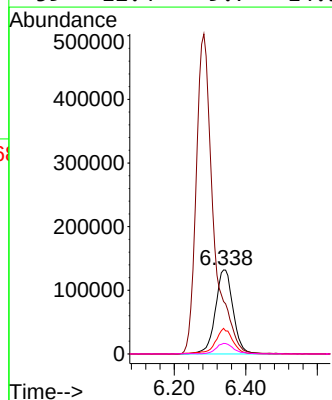
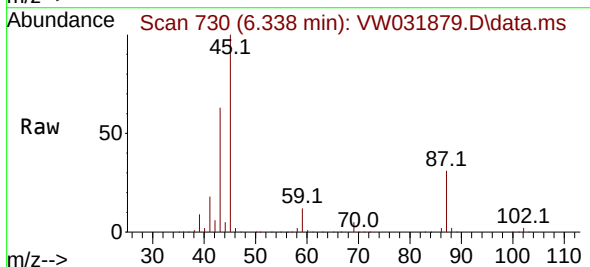
Instrument :
MSVOA_W
ClientSampleId :

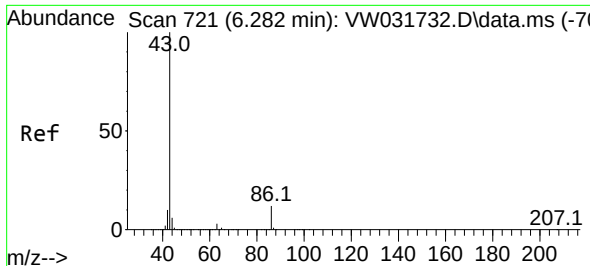
Tgt Ion: 96 Resp: 155806
Ion Ratio Lower Upper
96 100
61 135.8 109.8 164.6
98 61.6 54.9 82.3



#22
Diisopropyl ether
Concen: 57.086 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

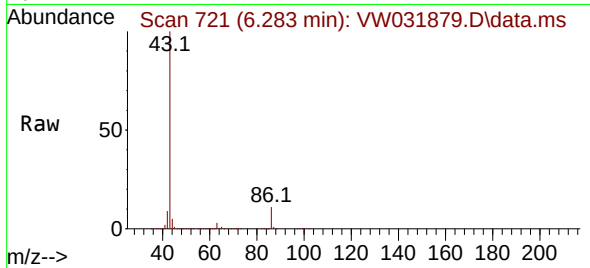
Tgt Ion: 45 Resp: 454978
Ion Ratio Lower Upper
45 100
43 62.3 48.3 72.5
87 30.5 22.6 34.0
59 12.4 9.7 14.5



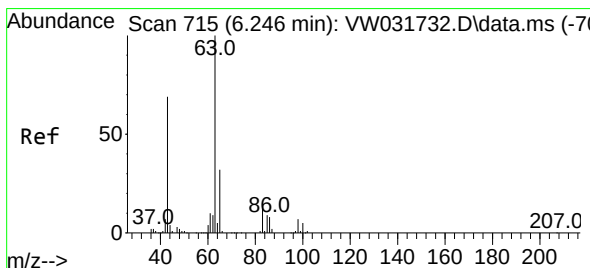
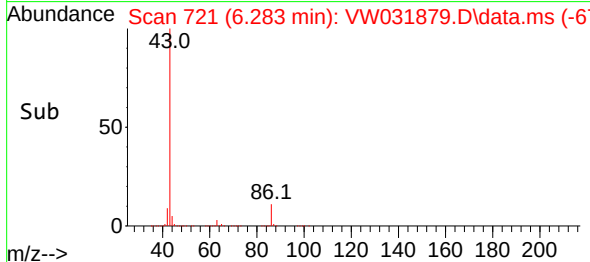
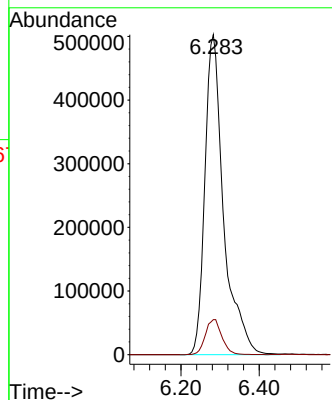


#23
 Vinyl Acetate
 Concen: 306.466 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW031879.D
 Acq: 17 Jul 2025 10:17

Instrument :
 MSVOA_W
 ClientSampleId :

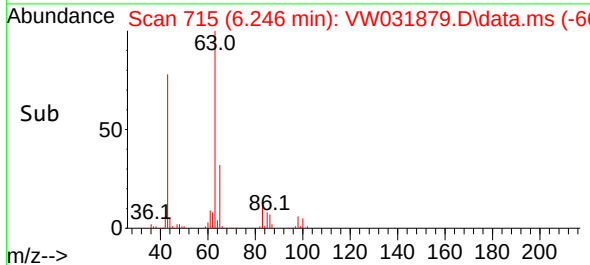
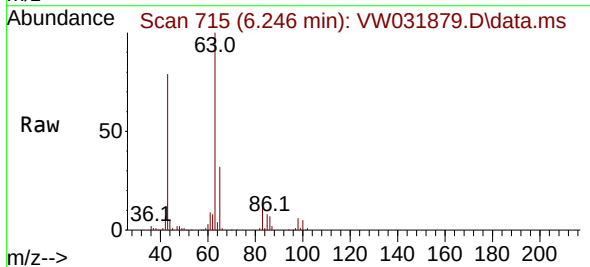
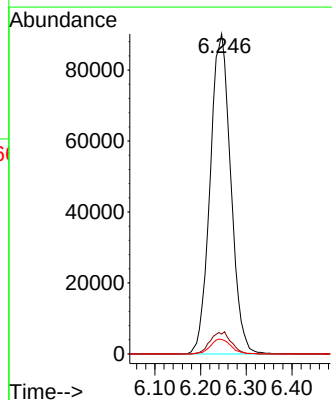


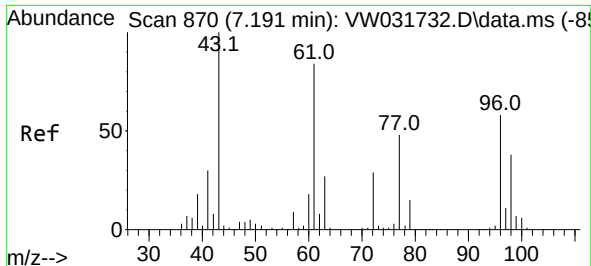
Tgt Ion: 43 Resp: 1668373
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 54.805 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031879.D
 Acq: 17 Jul 2025 10:17

Tgt Ion: 63 Resp: 283191
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 4.5 2.5 7.5

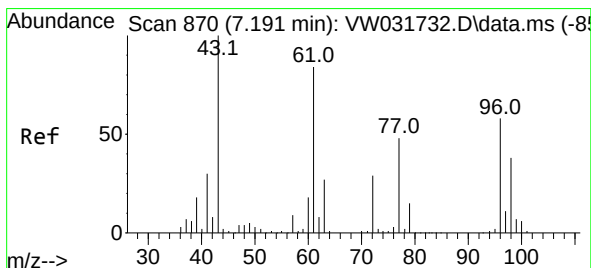
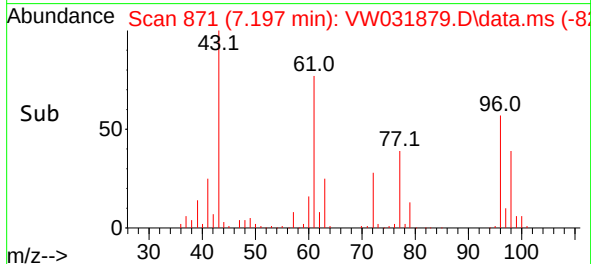
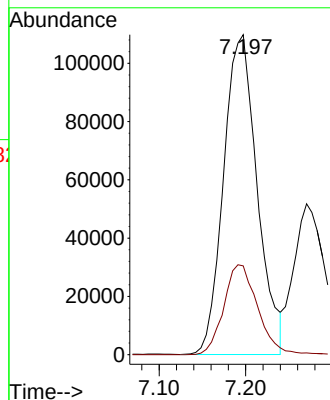
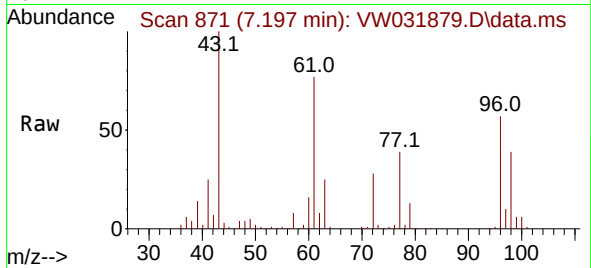




#25
2-Butanone
Concen: 287.069 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

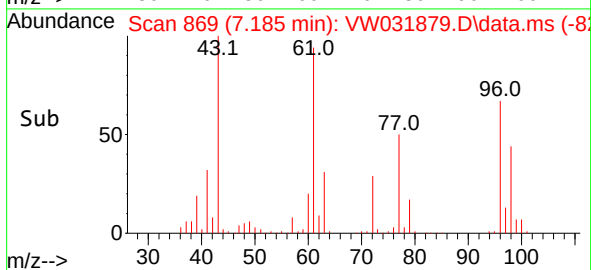
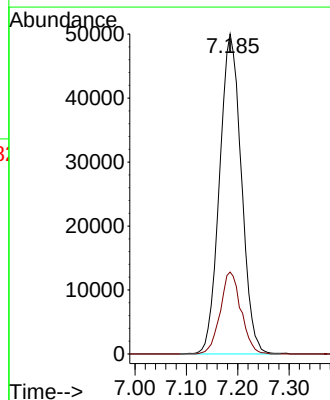
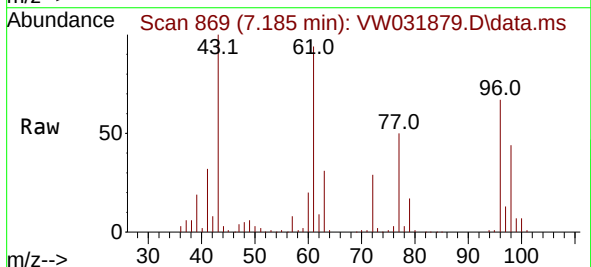
Instrument :
MSVOA_W
ClientSampleId :

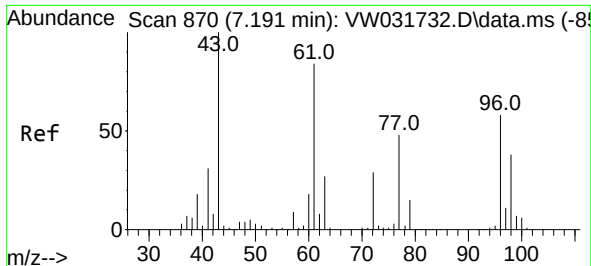
Tgt Ion: 43 Resp: 296119
Ion Ratio Lower Upper
43 100
72 27.8 23.0 34.6



#26
2,2-Dichloropropane
Concen: 48.927 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 77 Resp: 147505
Ion Ratio Lower Upper
77 100
97 24.4 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 56.781 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :

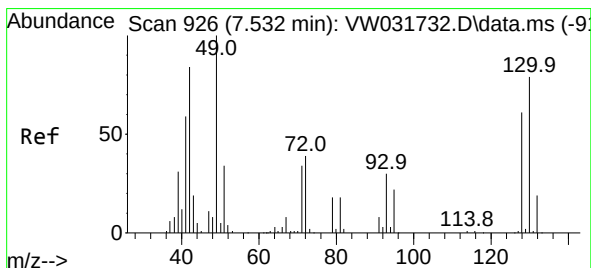
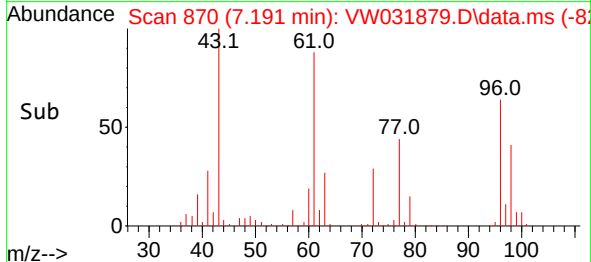
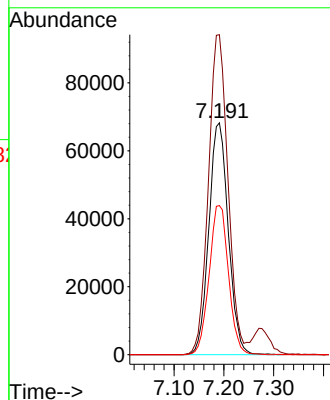
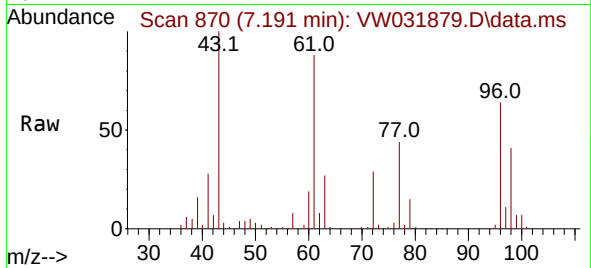
Tgt Ion: 96 Resp: 184718

Ion Ratio Lower Upper

96 100

61 139.8 0.0 286.8

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 49.494 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

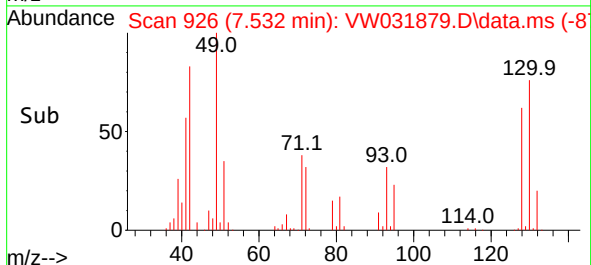
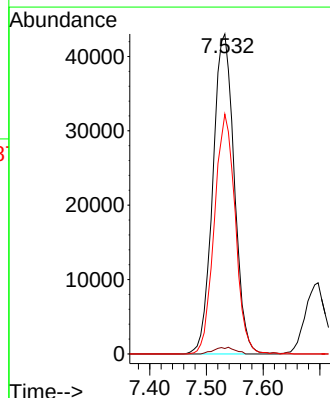
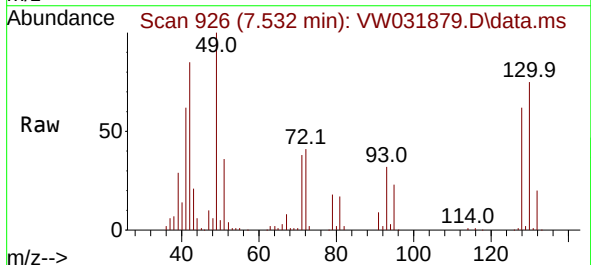
Tgt Ion: 49 Resp: 112857

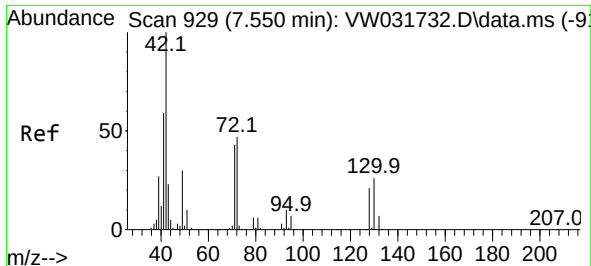
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.4

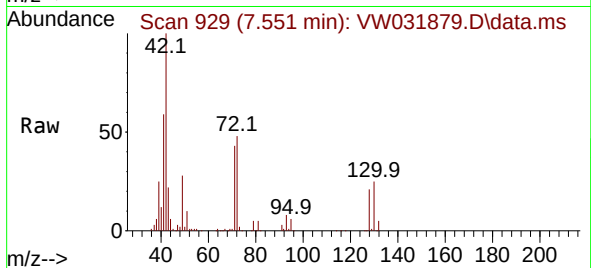
130 73.1 61.3 91.9



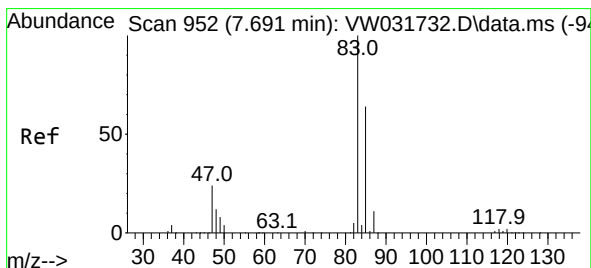
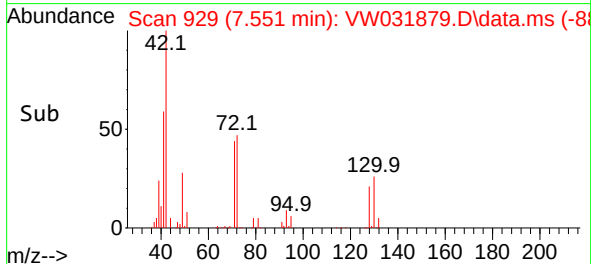
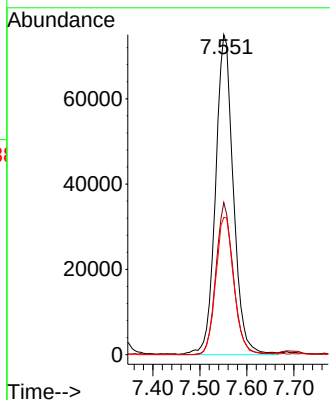


#29
Tetrahydrofuran
Concen: 280.147 ug/l
RT: 7.551 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Instrument :
MSVOA_W
ClientSampleId :

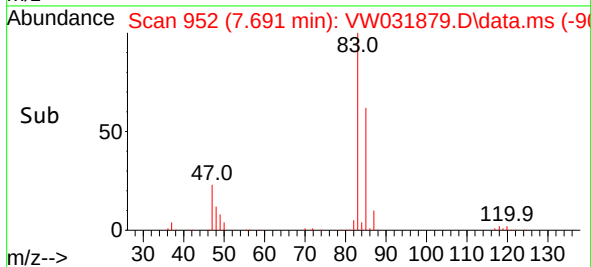
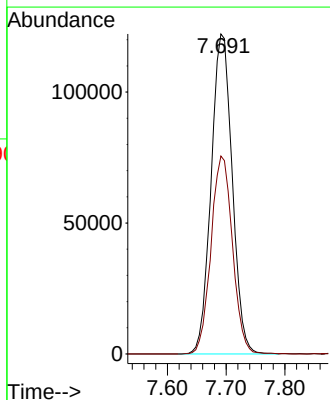
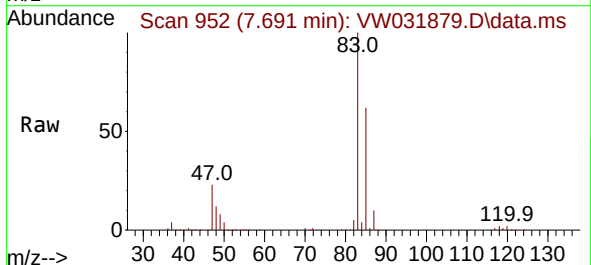


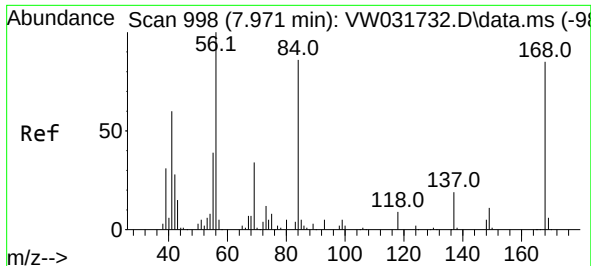
Tgt Ion: 42 Resp: 197901
Ion Ratio Lower Upper
42 100
72 46.1 36.8 55.2
71 43.9 34.6 52.0



#30
Chloroform
Concen: 55.464 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

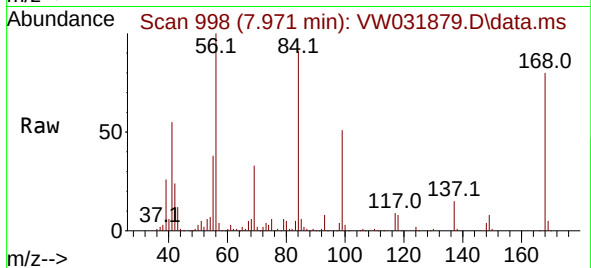
Tgt Ion: 83 Resp: 304532
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.0



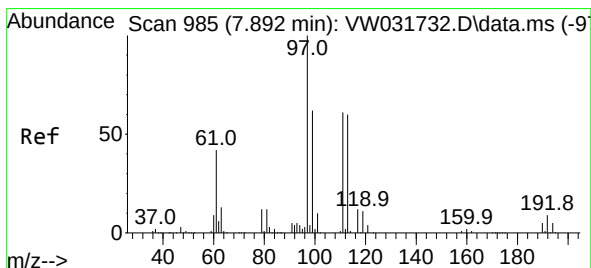
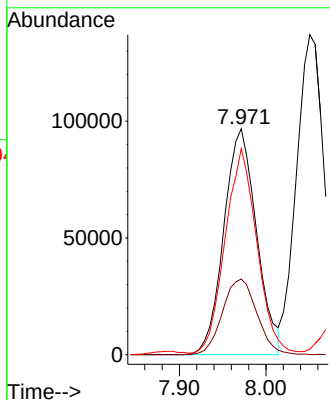
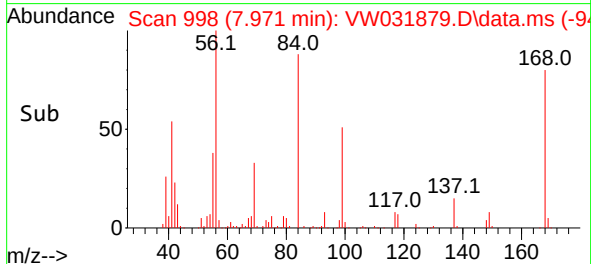


#31
Cyclohexane
Concen: 55.699 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Instrument :
MSVOA_W
ClientSampleId :

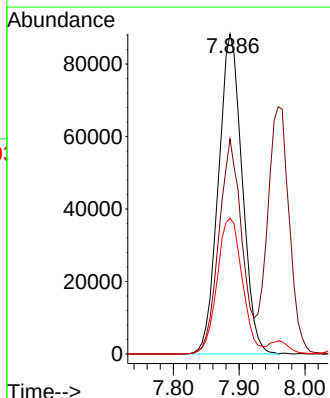
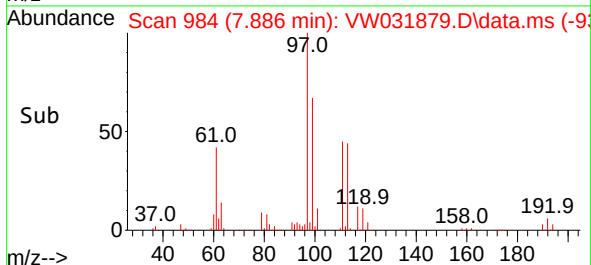
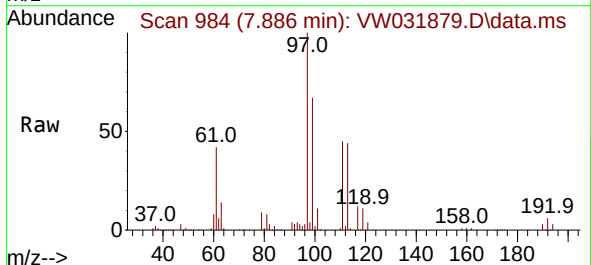


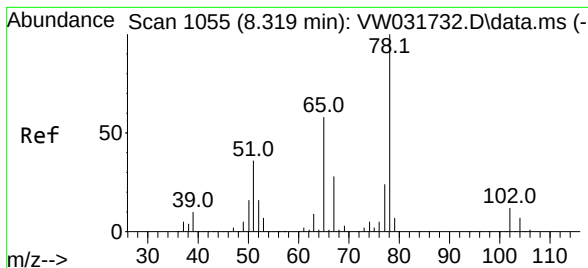
Tgt Ion: 56 Resp: 254409
Ion Ratio Lower Upper
56 100
69 33.5 27.2 40.8
84 90.2 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 52.478 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 97 Resp: 222050
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 45.2 36.0 54.0

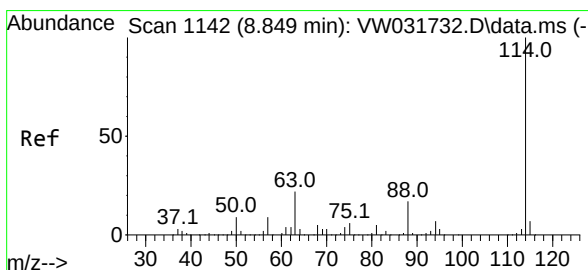
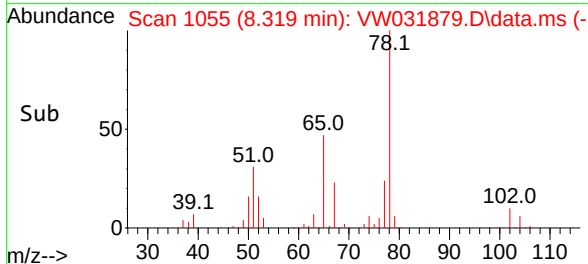
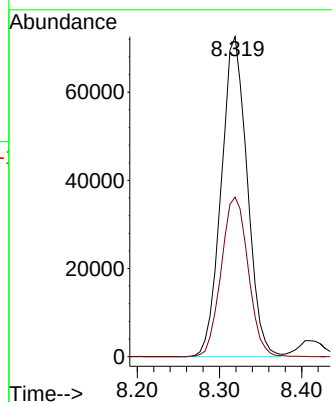
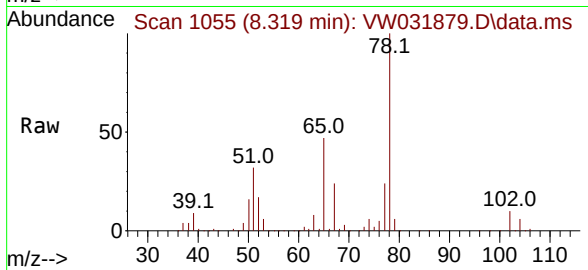




#33
 1,2-Dichloroethane-d4
 Concen: 49.615 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031879.D
 Acq: 17 Jul 2025 10:17

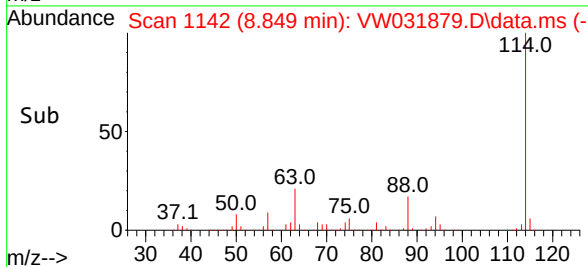
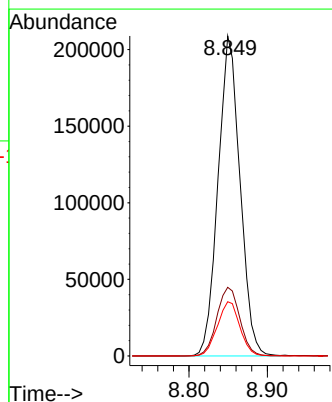
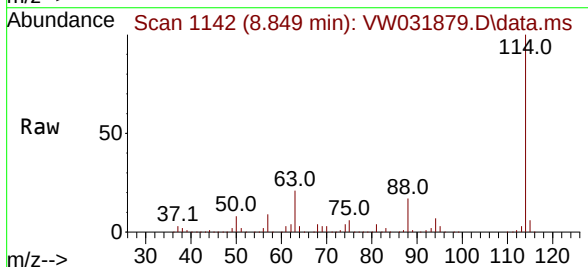
Instrument :
 MSVOA_W
 ClientSampleId :

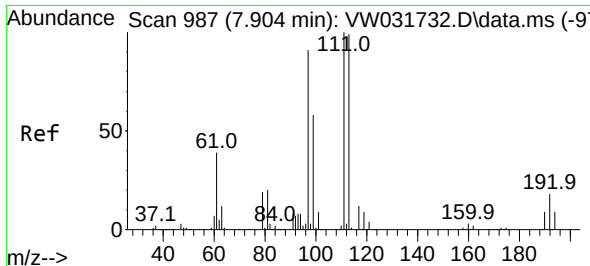
Tgt Ion: 65 Resp: 159160
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031879.D
 Acq: 17 Jul 2025 10:17

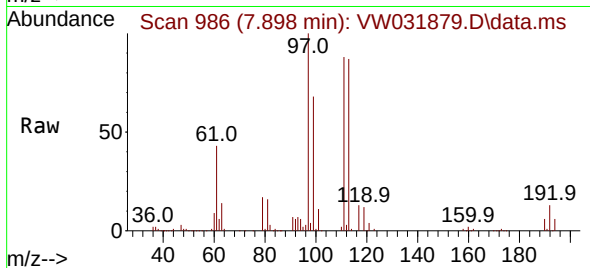
Tgt Ion: 114 Resp: 407518
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.6
 88 17.0 0.0 34.2



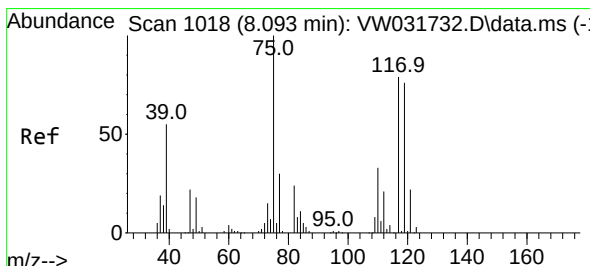
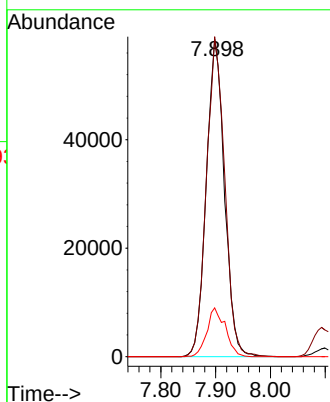
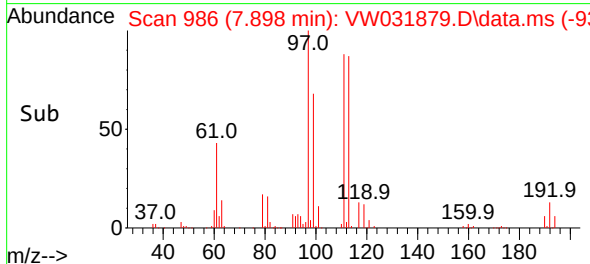


#35
 Dibromofluoromethane
 Concen: 50.447 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031879.D
 Acq: 17 Jul 2025 10:17

Instrument :
 MSVOA_W
 ClientSampleId :

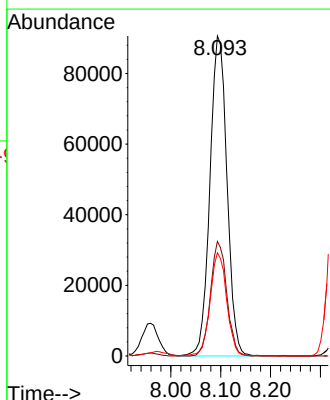
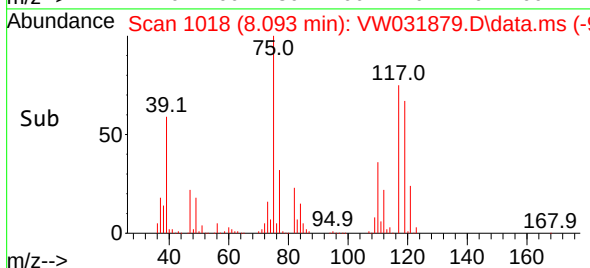
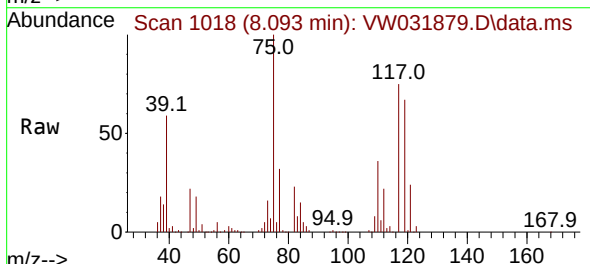


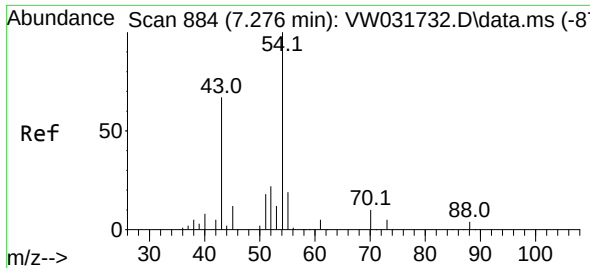
Tgt Ion:113	Resp:	134149	
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.1	123.1
192	15.7	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 56.000 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031879.D
 Acq: 17 Jul 2025 10:17

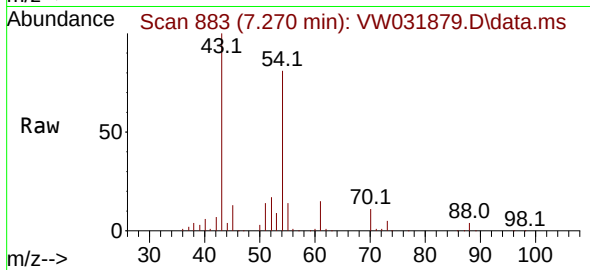
Tgt Ion: 75	Resp: 215491
Ion Ratio	Lower Upper
75 100	
110 34.1	16.8 50.4
77 31.4	25.0 37.6



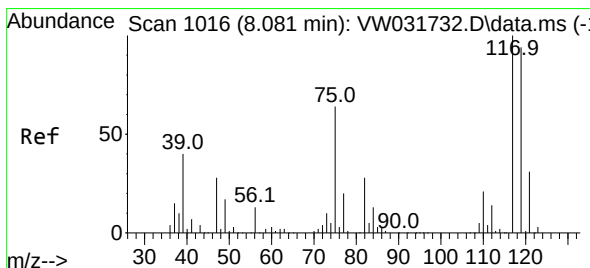
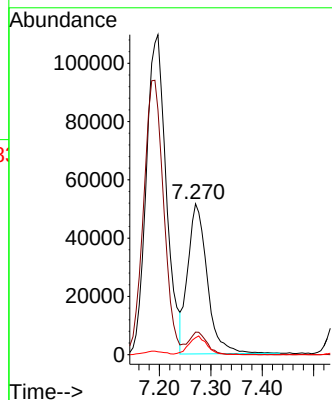
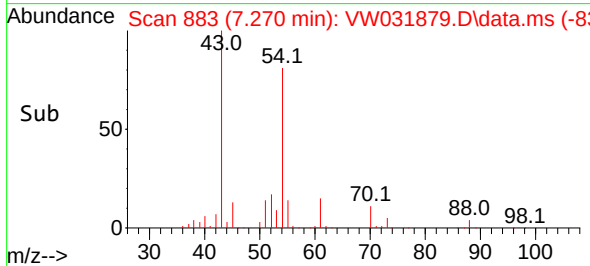


#37
Ethyl Acetate
Concen: 55.601 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Instrument :
MSVOA_W
ClientSampleId :

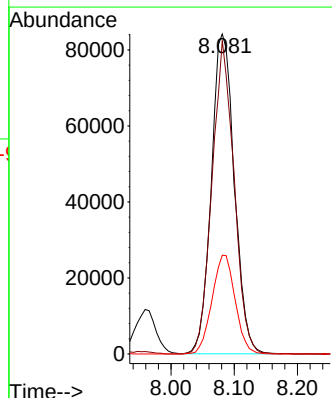
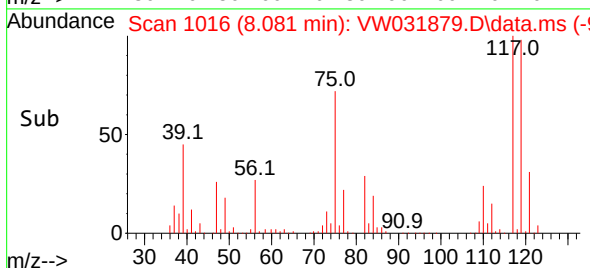
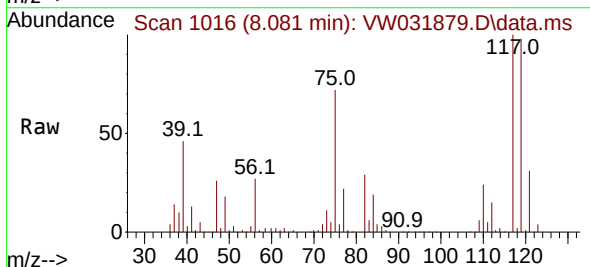


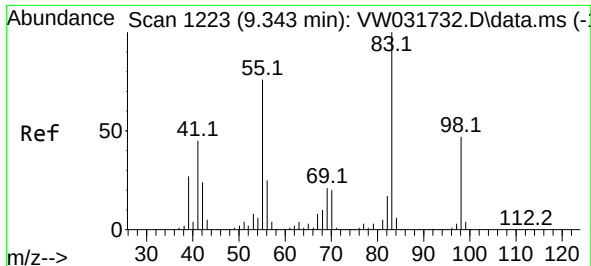
Tgt Ion: 43 Resp: 134968
Ion Ratio Lower Upper
43 100
61 12.8 10.9 16.3
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 54.137 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 117 Resp: 212286
Ion Ratio Lower Upper
117 100
119 98.0 75.0 112.6
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 57.733 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :

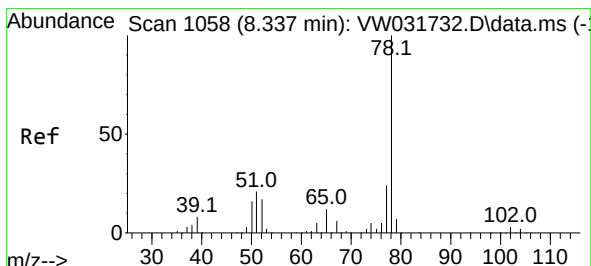
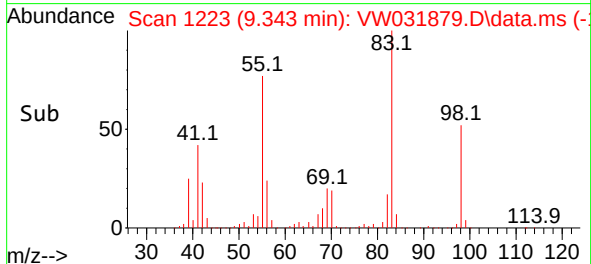
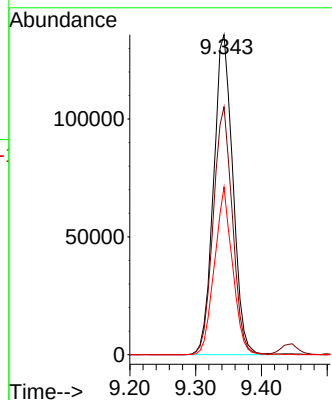
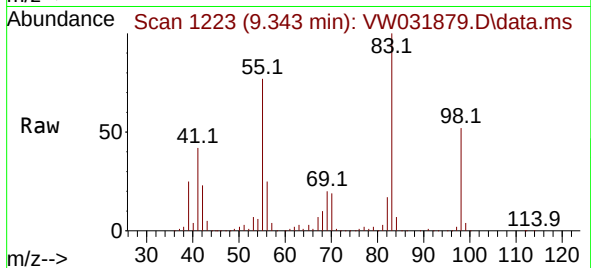
Tgt Ion: 83 Resp: 276403

Ion Ratio Lower Upper

83 100

55 77.5 61.0 91.4

98 52.4 37.9 56.9



#40

Benzene

Concen: 55.655 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031879.D

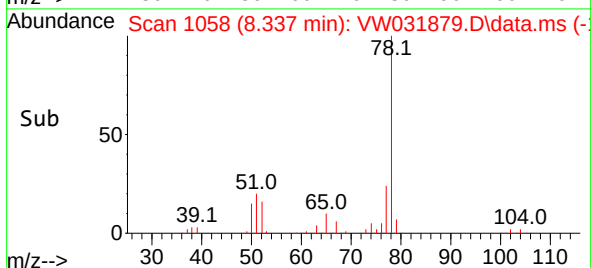
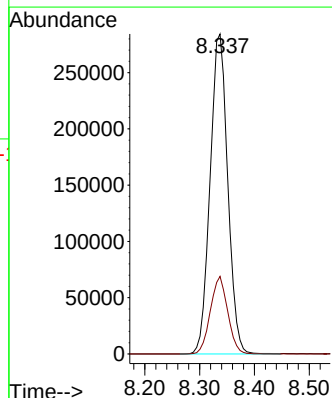
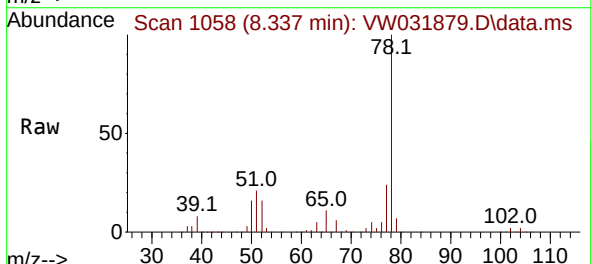
Acq: 17 Jul 2025 10:17

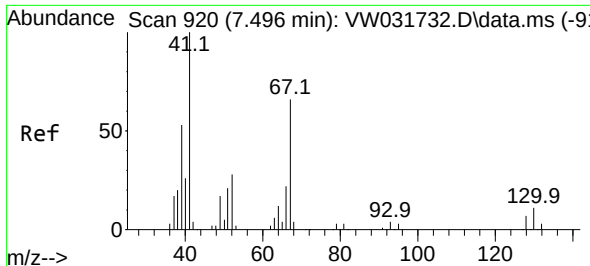
Tgt Ion: 78 Resp: 633616

Ion Ratio Lower Upper

78 100

77 24.2 19.2 28.8



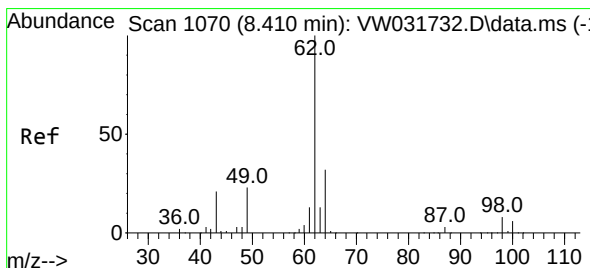
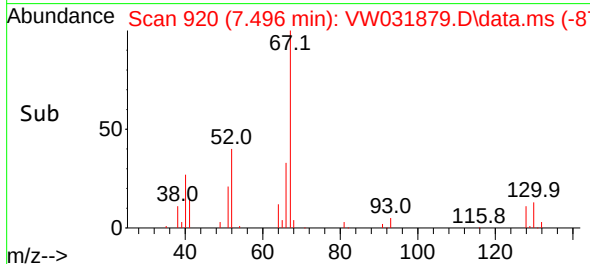
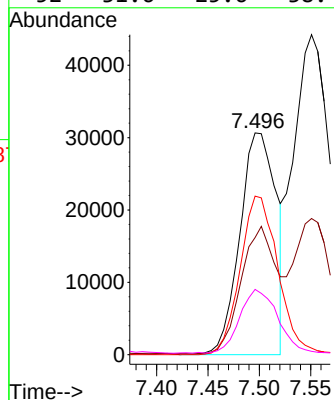
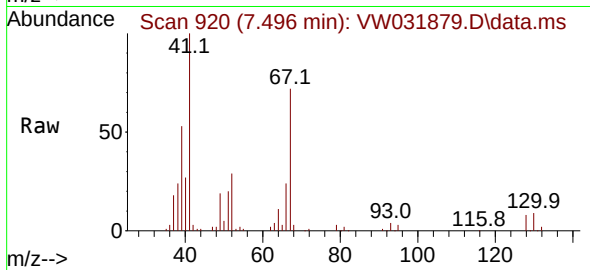


#41
Methacrylonitrile
Concen: 57.986 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 75402

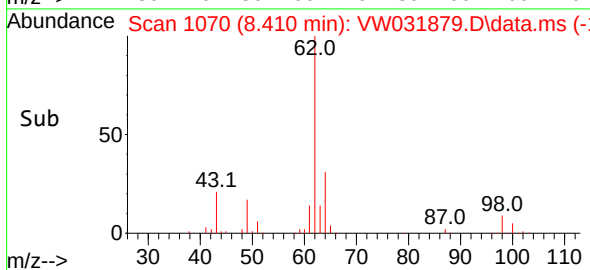
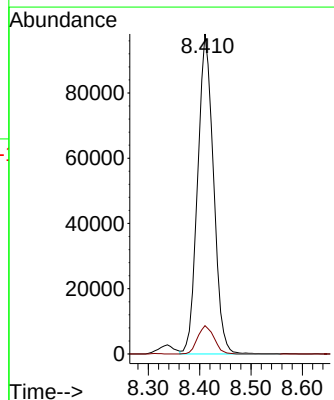
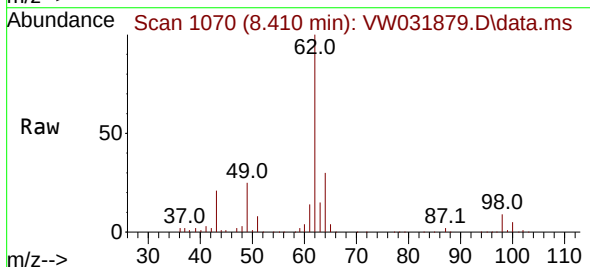
Ion	Ratio	Lower	Upper
41	100		
39	59.9	43.2	64.8
67	75.0	58.1	87.1
52	31.6	25.6	38.4

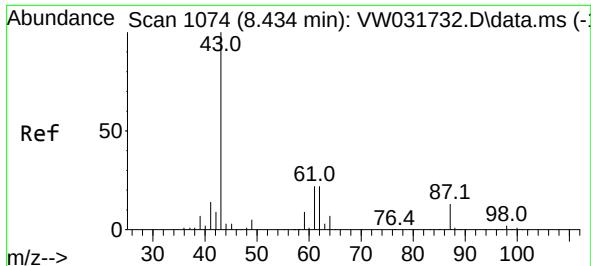


#42
1,2-Dichloroethane
Concen: 54.689 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 62 Resp: 210379

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 58.317 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :

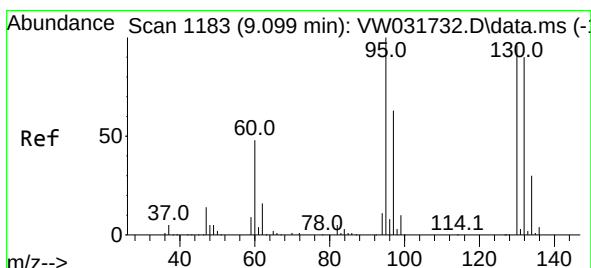
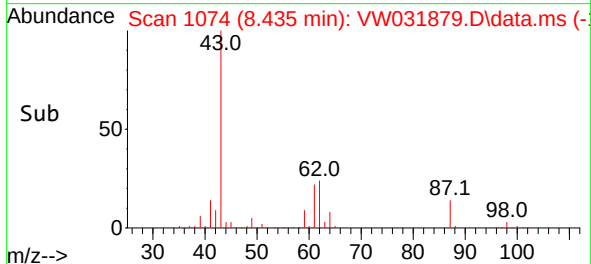
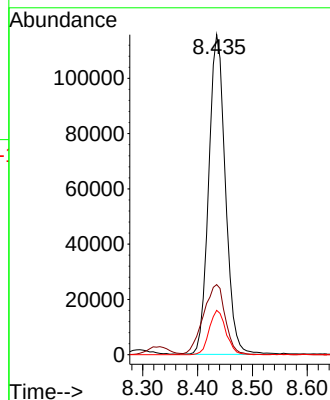
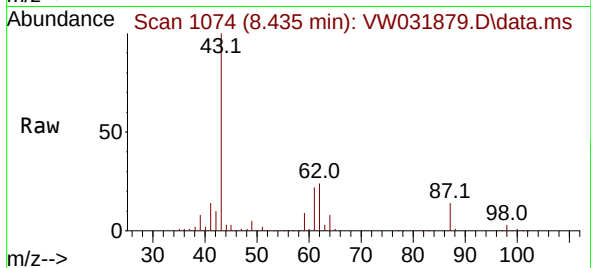
Tgt Ion: 43 Resp: 244018

Ion Ratio Lower Upper

43 100

61 28.7 23.1 34.7

87 13.9 10.8 16.2



#44

Trichloroethene

Concen: 52.184 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. 0.000 min

Lab File: VW031879.D

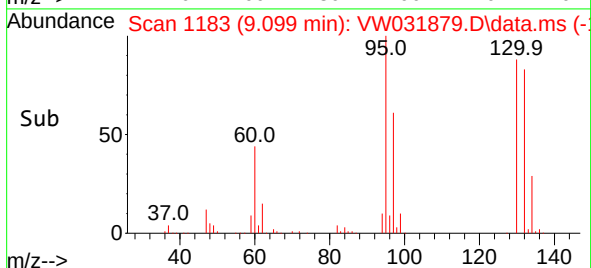
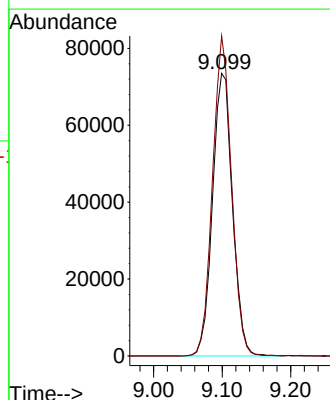
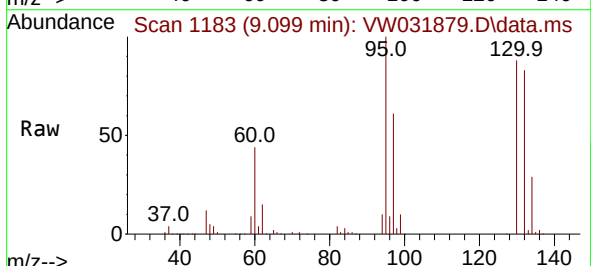
Acq: 17 Jul 2025 10:17

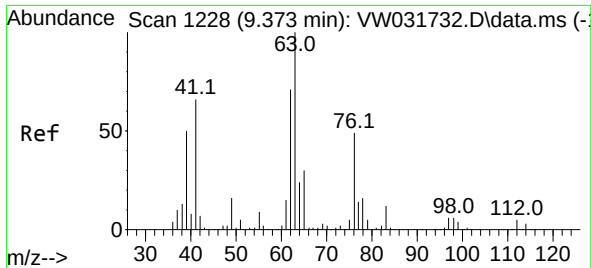
Tgt Ion:130 Resp: 148283

Ion Ratio Lower Upper

130 100

95 113.3 0.0 208.6

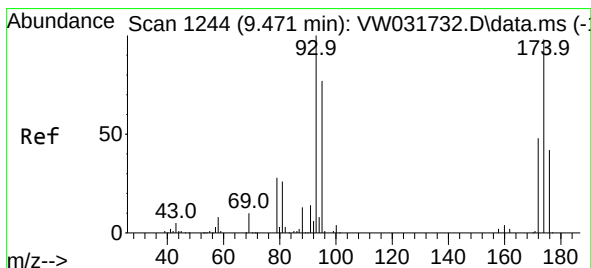
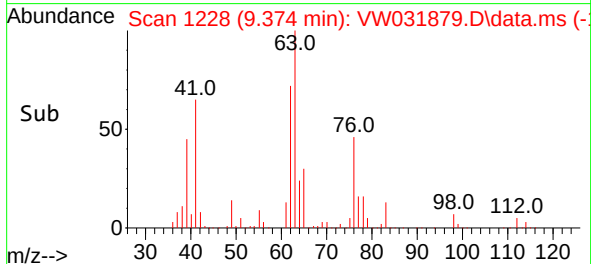
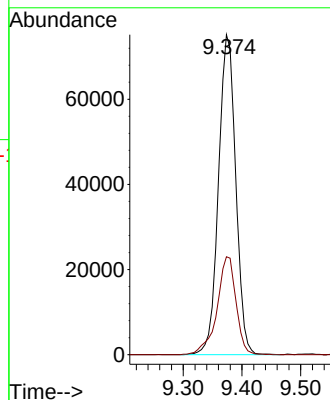
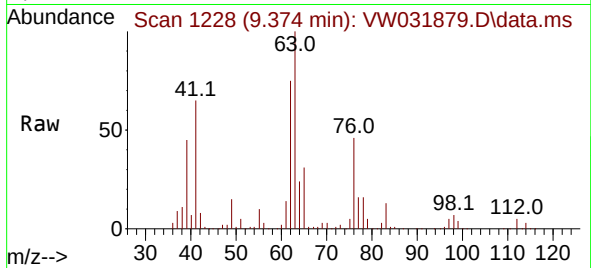




#45
1,2-Dichloropropane
Concen: 55.660 ug/l
RT: 9.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

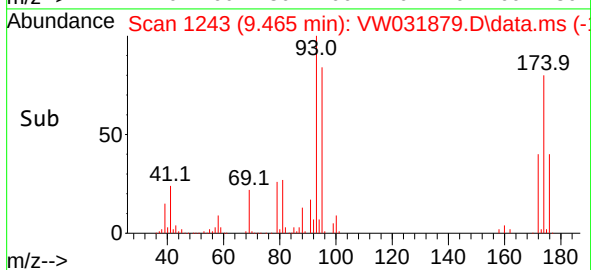
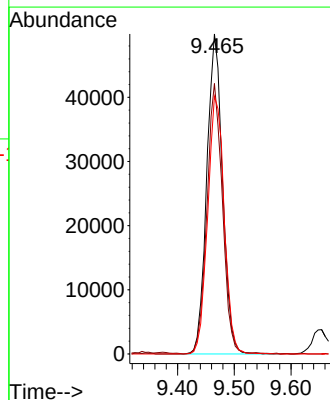
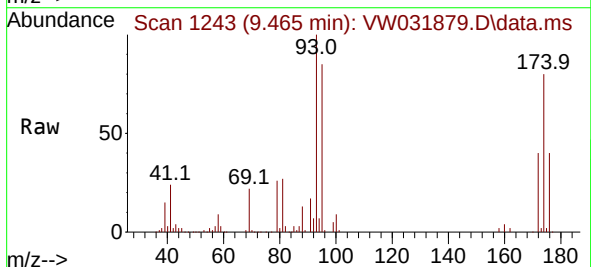
Instrument :
MSVOA_W
ClientSampleId :

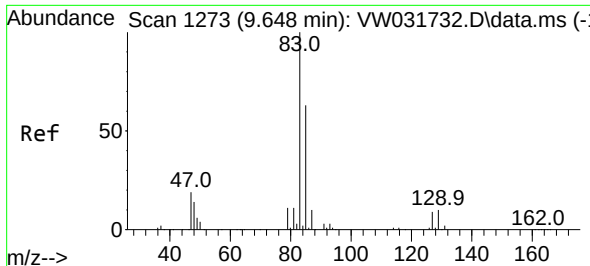
Tgt Ion: 63 Resp: 153150
Ion Ratio Lower Upper
63 100
65 30.6 24.2 36.4



#46
Dibromomethane
Concen: 54.164 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

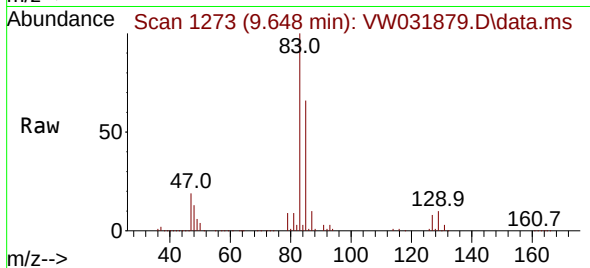
Tgt Ion: 93 Resp: 96218
Ion Ratio Lower Upper
93 100
95 83.3 67.0 100.4
174 84.3 71.7 107.5



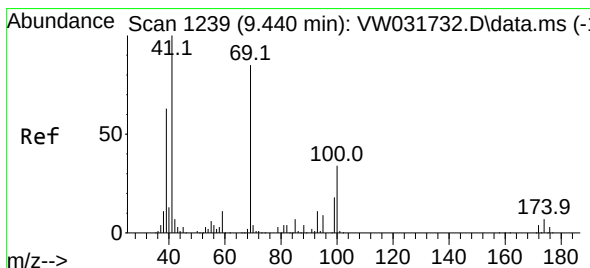
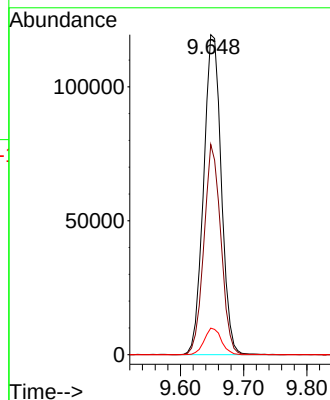
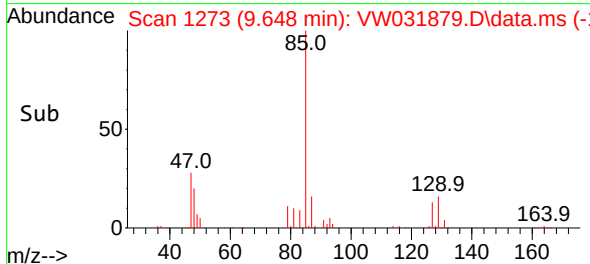


#47
Bromodichloromethane
Concen: 55.767 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Instrument :
MSVOA_W
ClientSampleId :

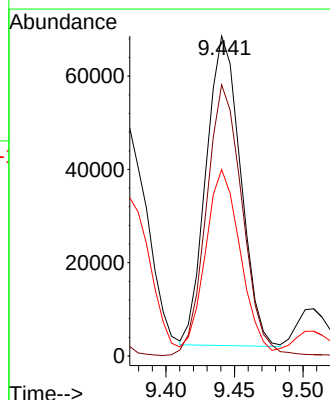
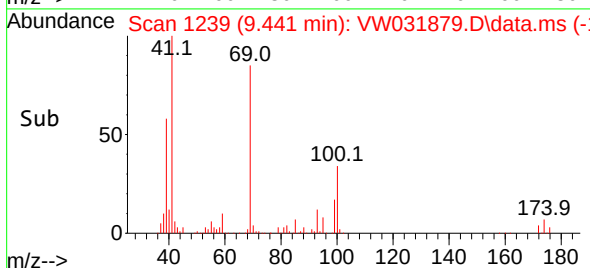
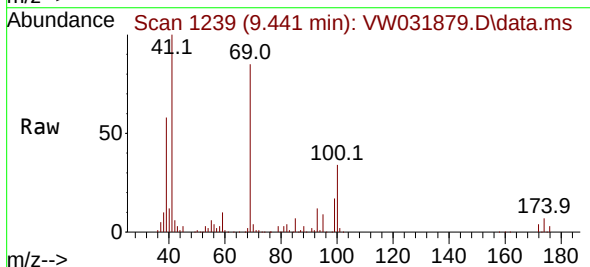


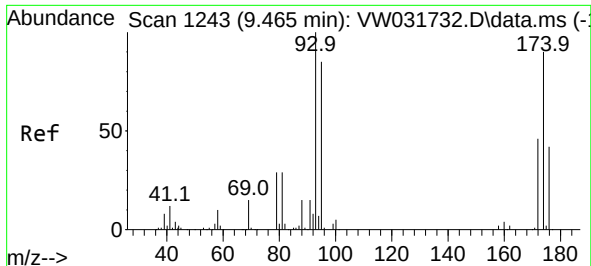
Tgt Ion: 83 Resp: 232307
Ion Ratio Lower Upper
83 100
85 65.7 50.8 76.2
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 56.352 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

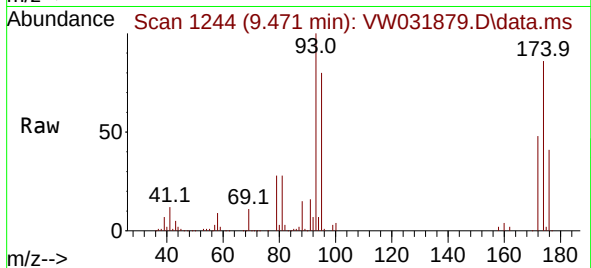
Tgt Ion: 41 Resp: 115942
Ion Ratio Lower Upper
41 100
69 91.5 71.6 107.4
39 57.8 49.5 74.3



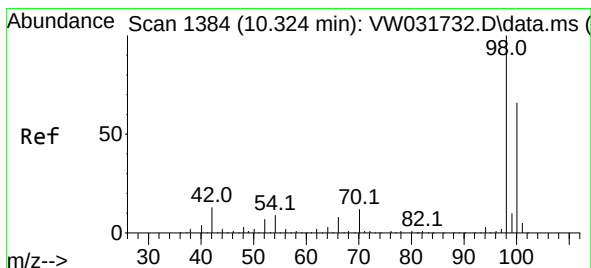
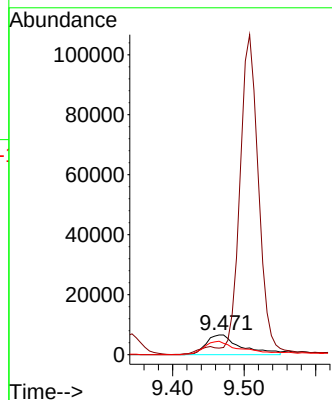
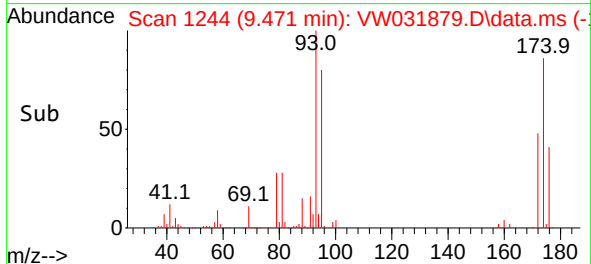


#49
1,4-Dioxane
Concen: 1067.503 ug/l
RT: 9.471 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

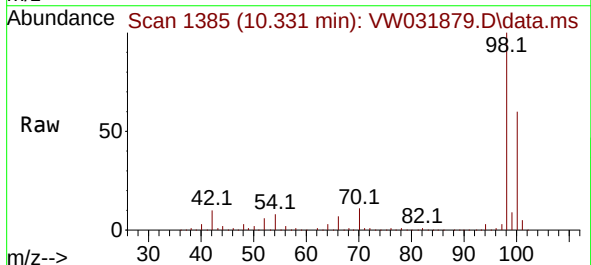
Instrument :
MSVOA_W
ClientSampleId :



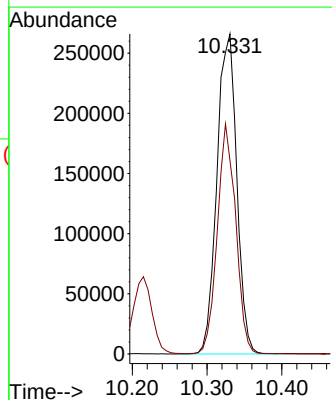
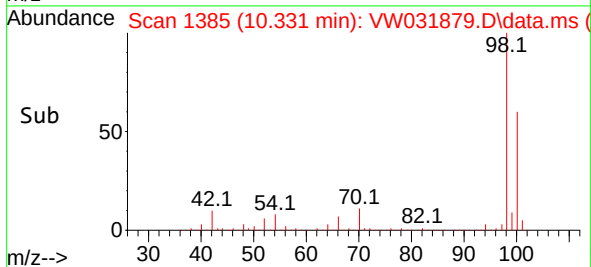
Tgt Ion: 88 Resp: 22210
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.9 58.3 87.5

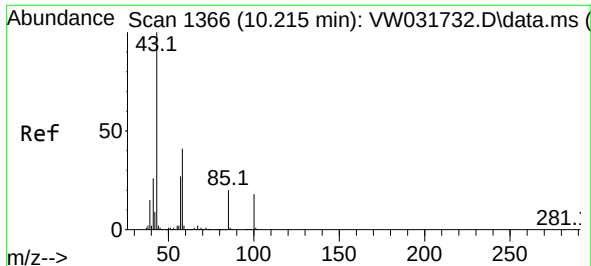


#50
Toluene-d8
Concen: 49.688 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17



Tgt Ion: 98 Resp: 491719
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

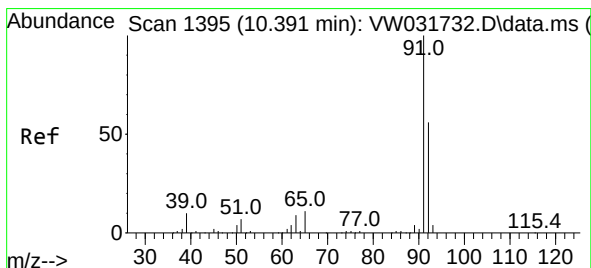
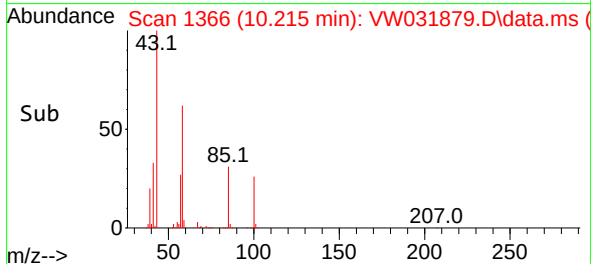
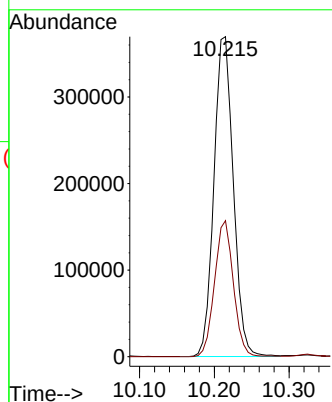
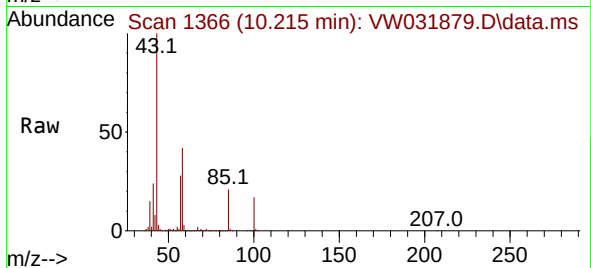




#51
4-Methyl-2-Pentanone
Concen: 277.021 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

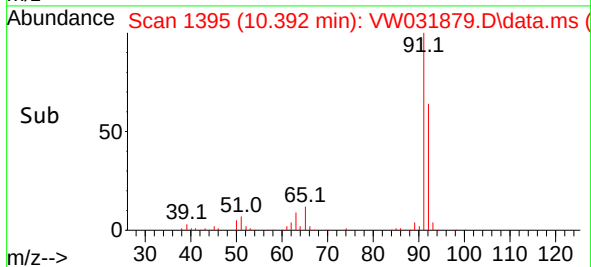
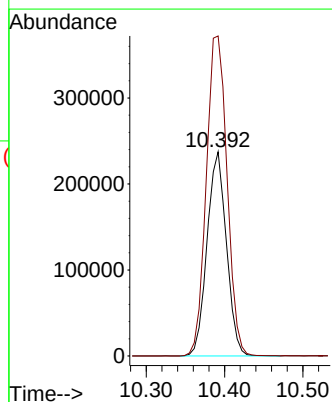
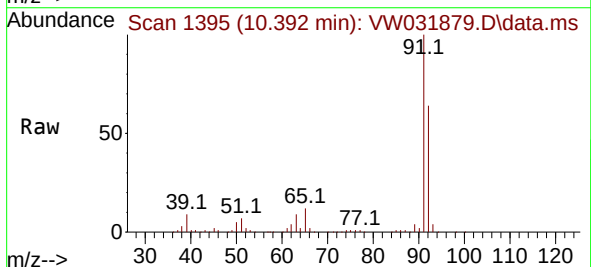
Instrument :
MSVOA_W
ClientSampleId :

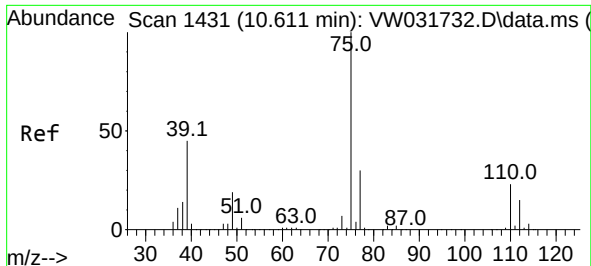
Tgt Ion: 43 Resp: 666408
Ion Ratio Lower Upper
43 100
58 41.3 32.2 48.2



#52
Toluene
Concen: 55.837 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 92 Resp: 407011
Ion Ratio Lower Upper
92 100
91 168.4 139.5 209.3

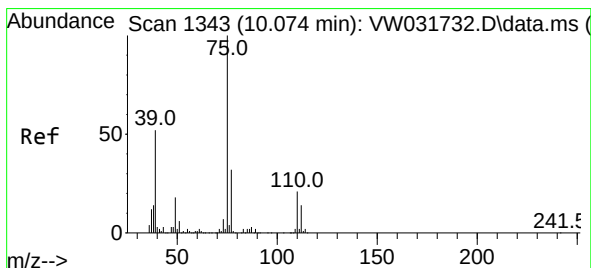
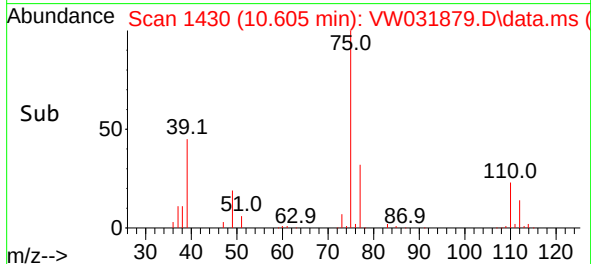
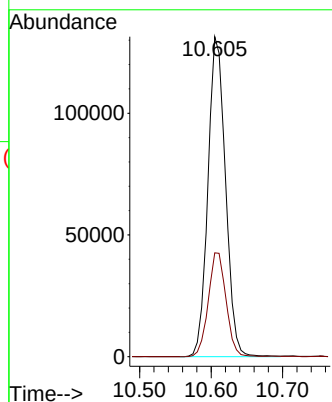
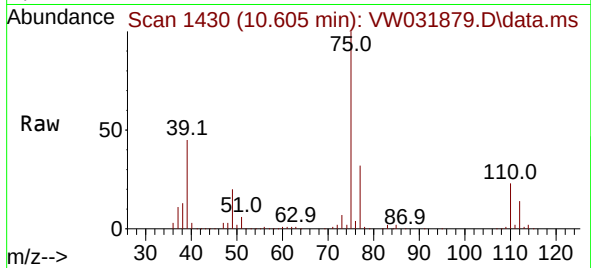




#53
t-1,3-Dichloropropene
Concen: 57.425 ug/l
RT: 10.605 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

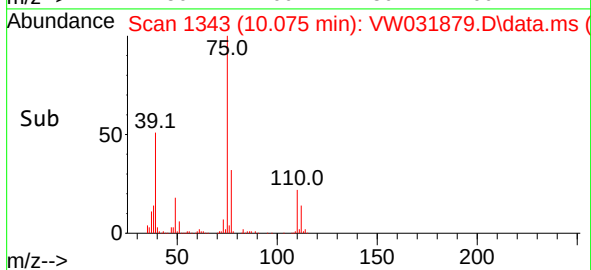
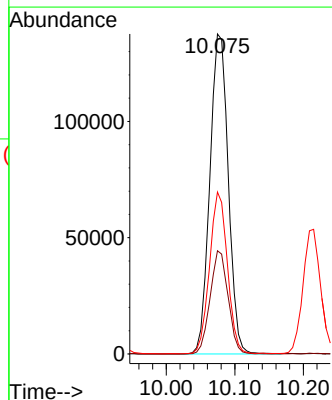
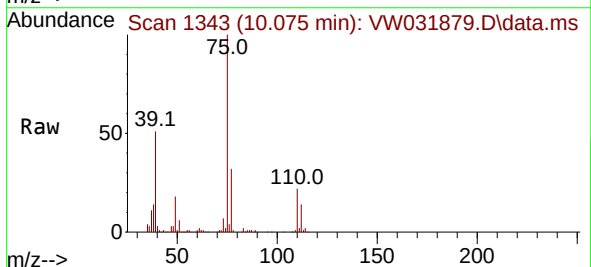
Instrument :
MSVOA_W
ClientSampleId :

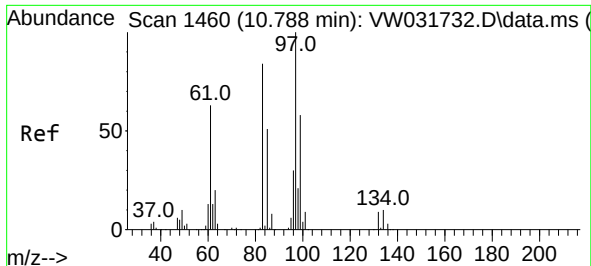
Tgt Ion: 75 Resp: 224441
Ion Ratio Lower Upper
75 100
77 32.4 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 57.940 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 75 Resp: 256718
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2
39 50.5 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 55.703 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 129618

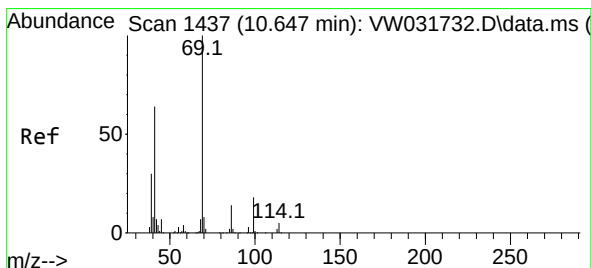
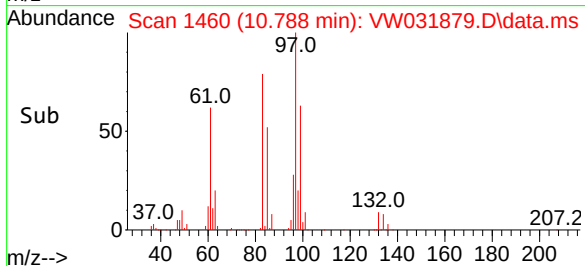
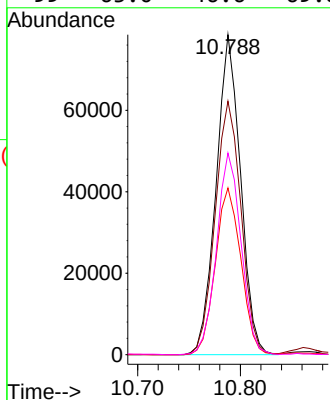
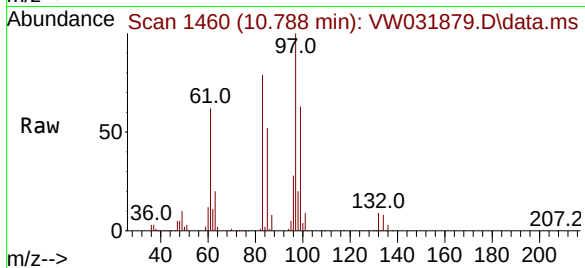
Ion Ratio Lower Upper

97 100

83 79.2 66.9 100.3

85 52.1 41.1 61.7

99 63.0 46.6 69.8



#56

Ethyl methacrylate

Concen: 63.233 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

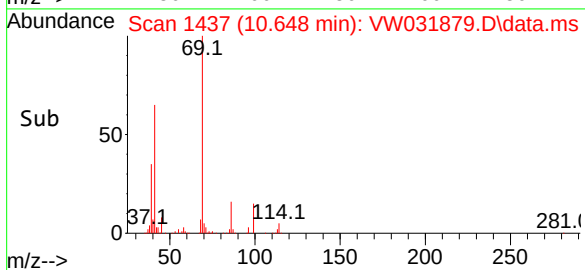
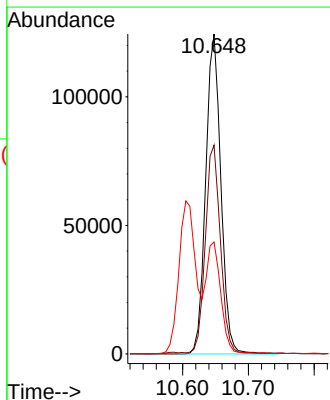
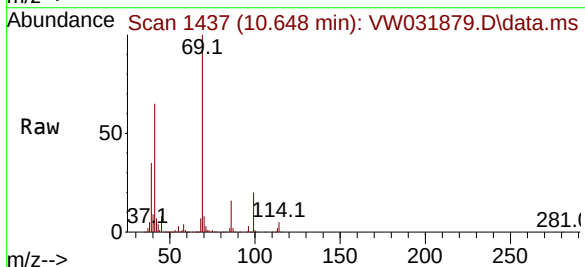
Tgt Ion: 69 Resp: 199621

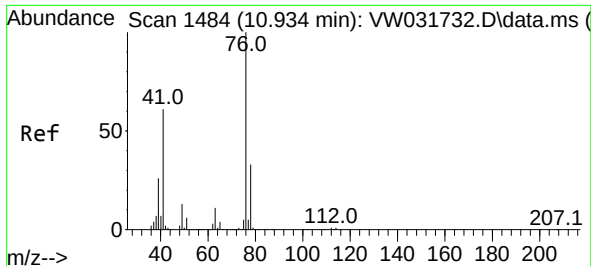
Ion Ratio Lower Upper

69 100

41 64.4 53.3 79.9

39 32.7 30.2 45.2





#57

1,3-Dichloropropane

Concen: 56.147 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

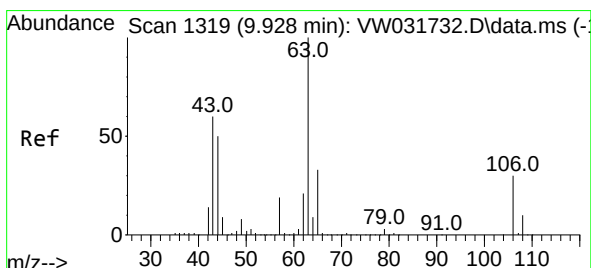
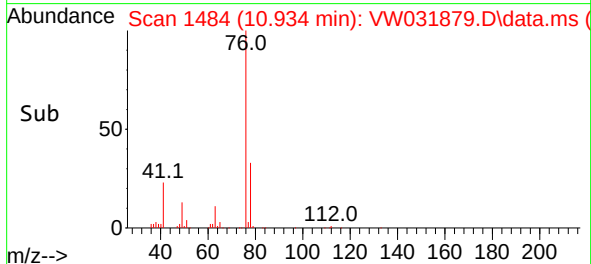
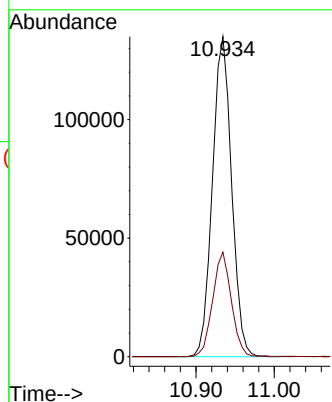
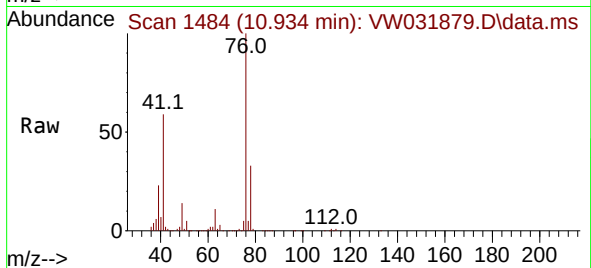
ClientSampleId :

Tgt Ion: 76 Resp: 229385

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 286.225 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031879.D

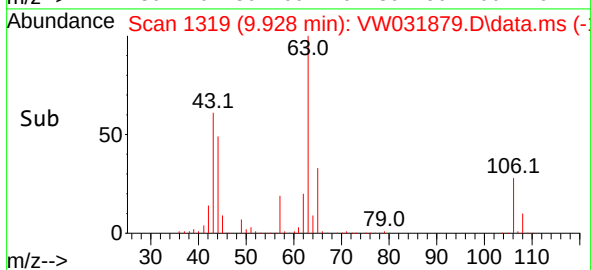
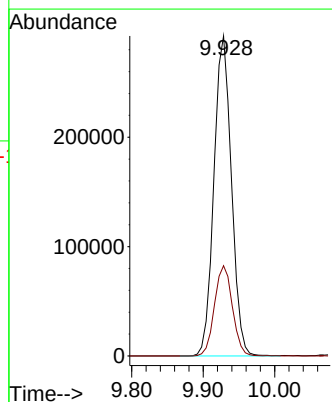
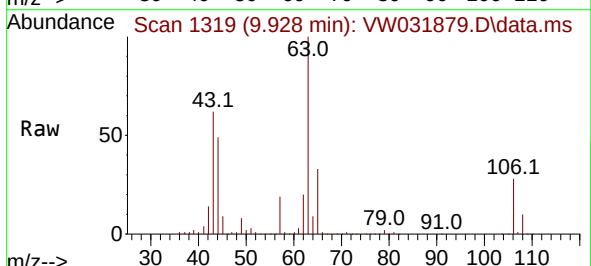
Acq: 17 Jul 2025 10:17

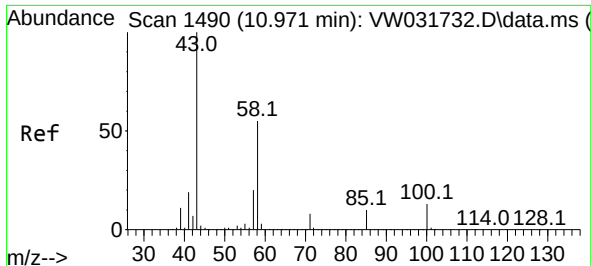
Tgt Ion: 63 Resp: 497560

Ion Ratio Lower Upper

63 100

106 28.9 24.1 36.1

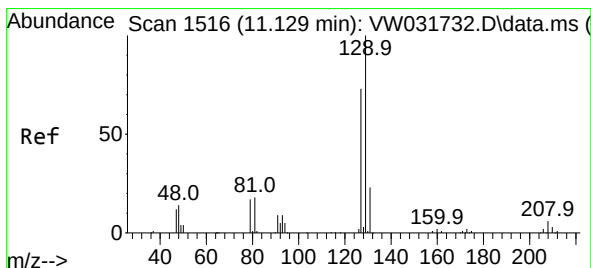
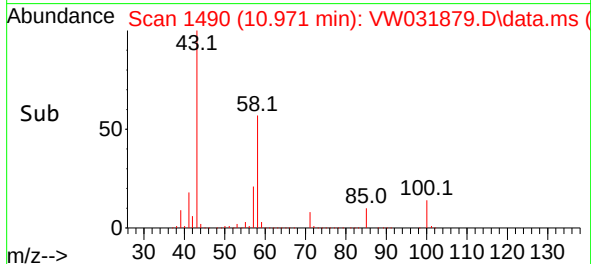
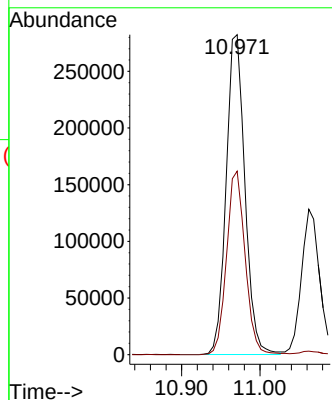
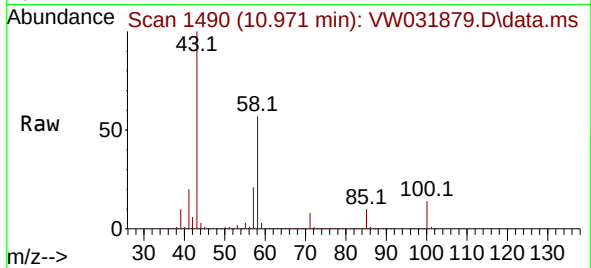




#59
2-Hexanone
Concen: 288.659 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

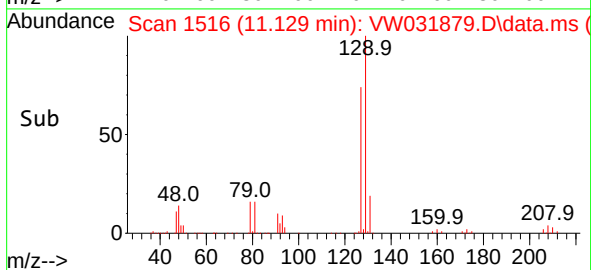
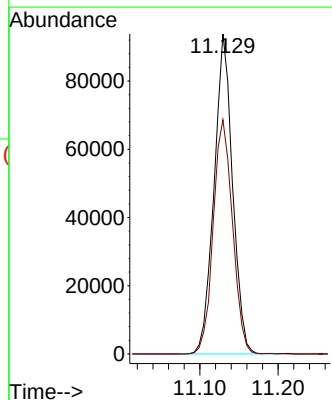
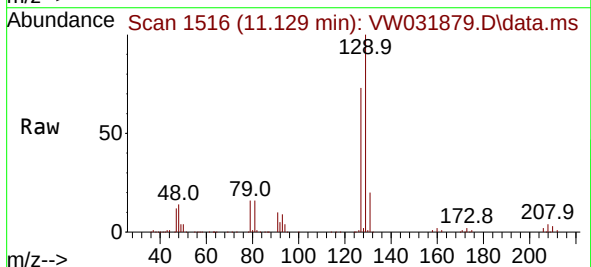
Instrument :
MSVOA_W
ClientSampleId :

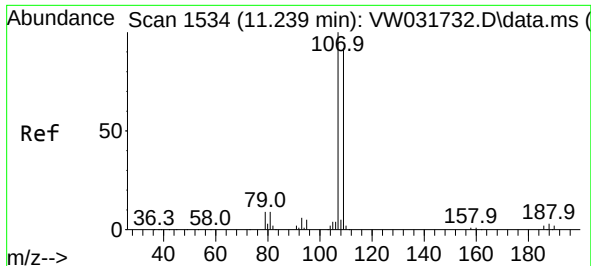
Tgt Ion: 43 Resp: 470558
Ion Ratio Lower Upper
43 100
58 56.9 27.9 83.6



#60
Dibromochloromethane
Concen: 55.259 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion:129 Resp: 153765
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1

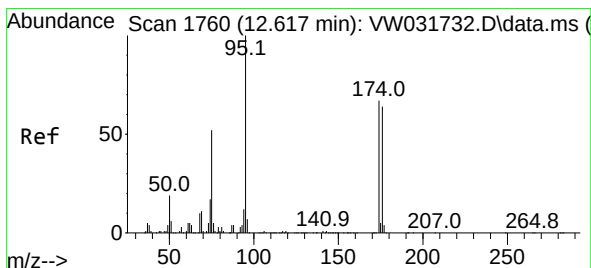
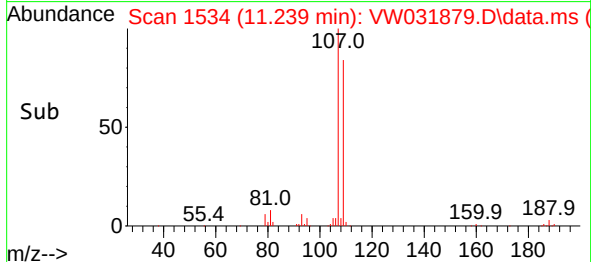
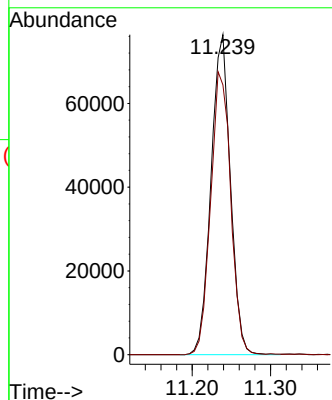
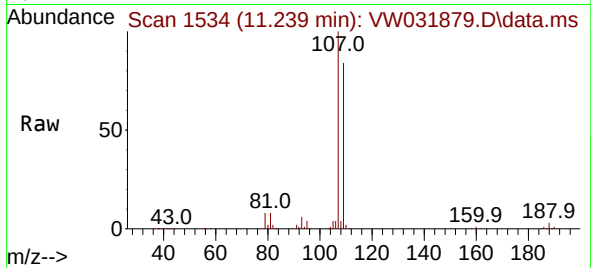




#61
1,2-Dibromoethane
Concen: 56.284 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

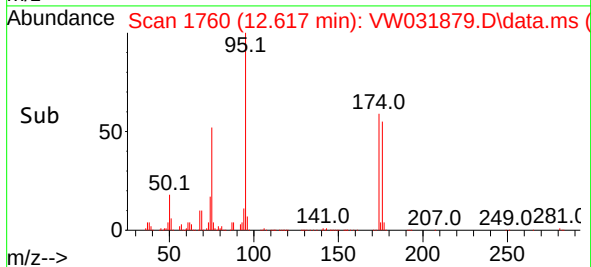
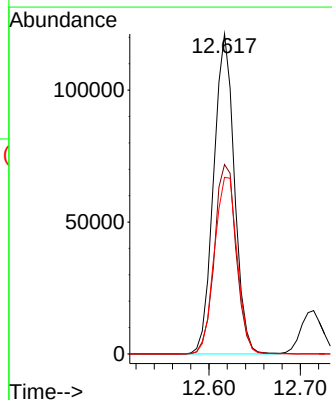
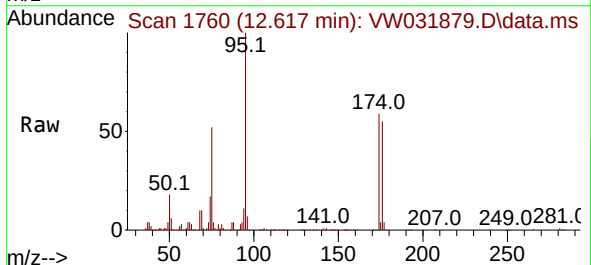
Instrument :
MSVOA_W
ClientSampleId :

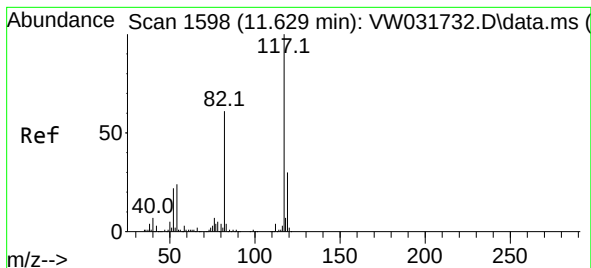
Tgt Ion:107 Resp: 131112
Ion Ratio Lower Upper
107 100
109 91.4 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.519 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 95 Resp: 191263
Ion Ratio Lower Upper
95 100
174 62.1 0.0 133.8
176 60.8 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

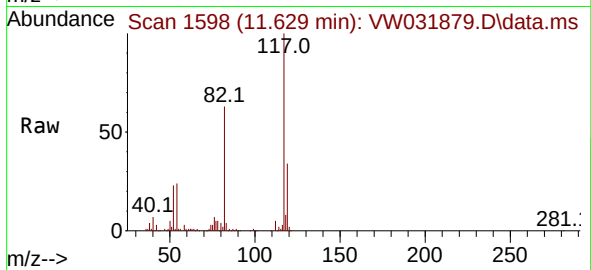
Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :



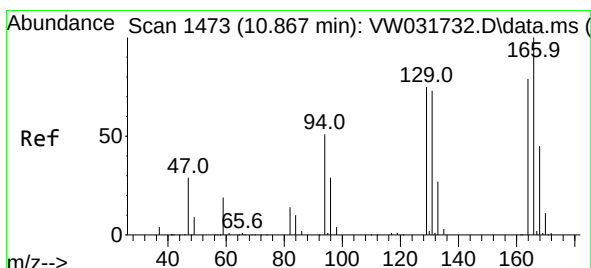
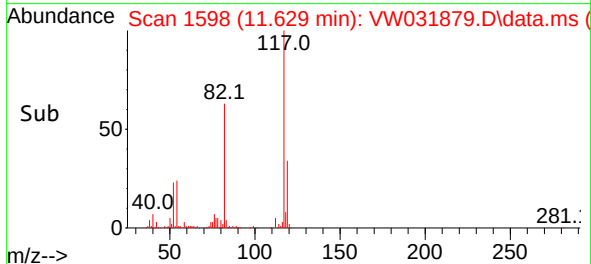
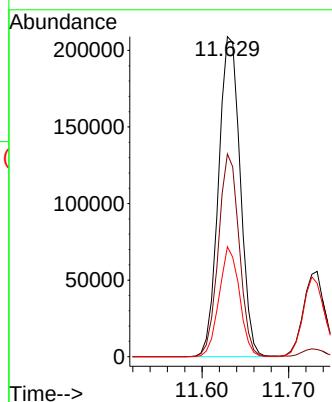
Tgt Ion:117 Resp: 363866

Ion Ratio Lower Upper

117 100

82 63.3 48.6 72.8

119 34.3 23.9 35.9



#64

Tetrachloroethene

Concen: 49.626 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Tgt Ion:164 Resp: 118116

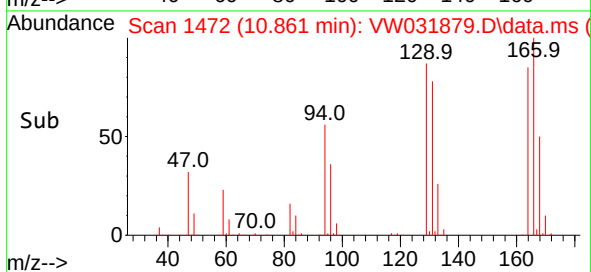
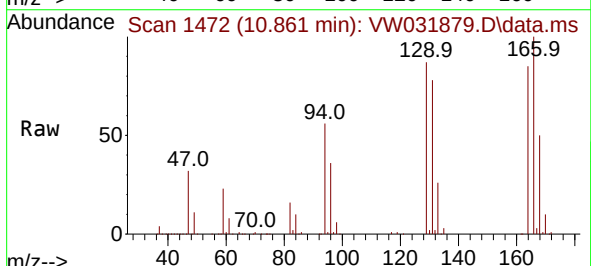
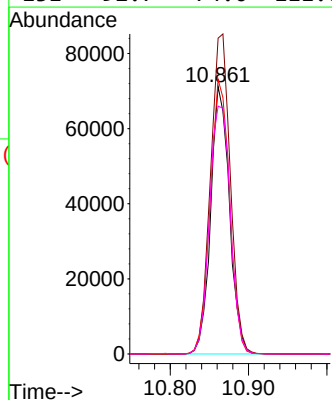
Ion Ratio Lower Upper

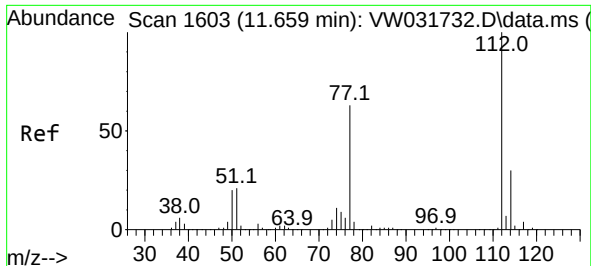
164 100

166 118.1 100.7 151.1

129 102.7 75.4 113.0

131 92.7 74.0 111.0

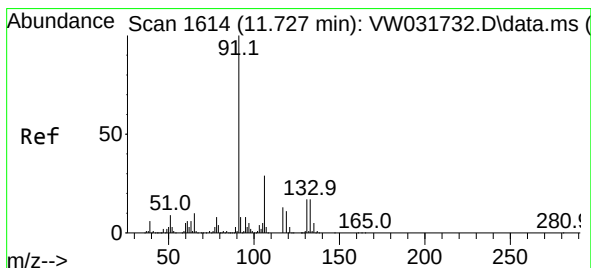
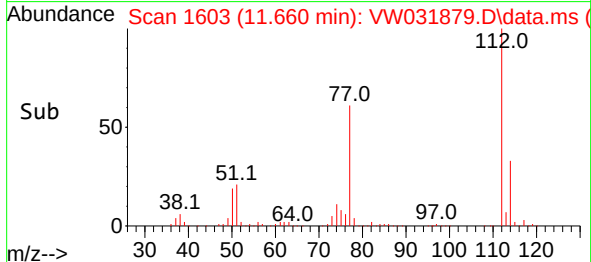
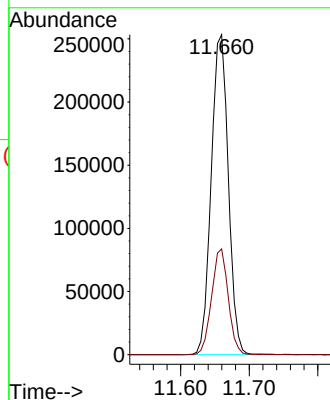
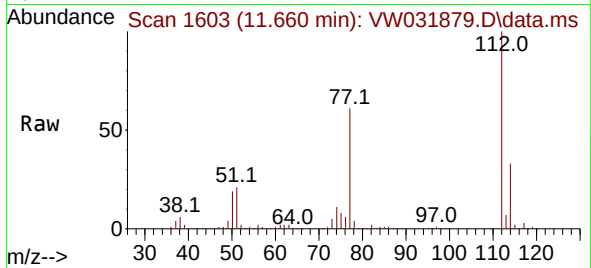




#65
Chlorobenzene
Concen: 54.673 ug/l
RT: 11.660 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

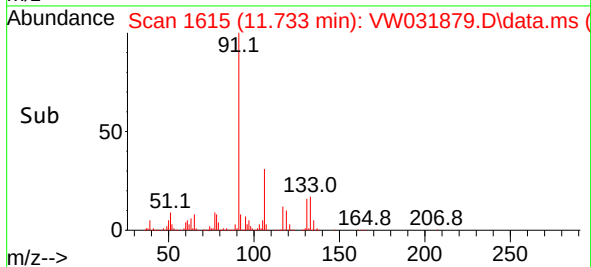
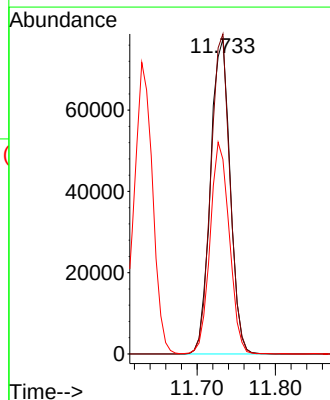
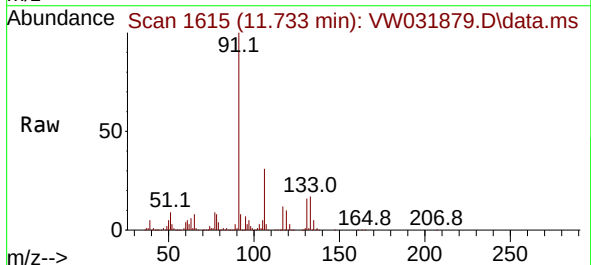
Instrument :
MSVOA_W
ClientSampleId :

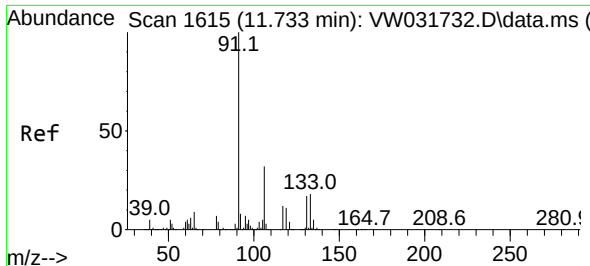
Tgt Ion:112 Resp: 438921
Ion Ratio Lower Upper
112 100
114 33.1 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.667 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion:131 Resp: 134739
Ion Ratio Lower Upper
131 100
133 99.2 48.5 145.6
119 66.0 32.5 97.5

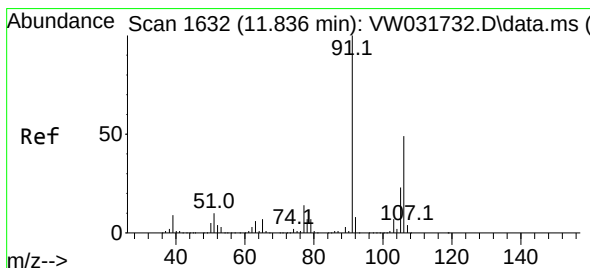
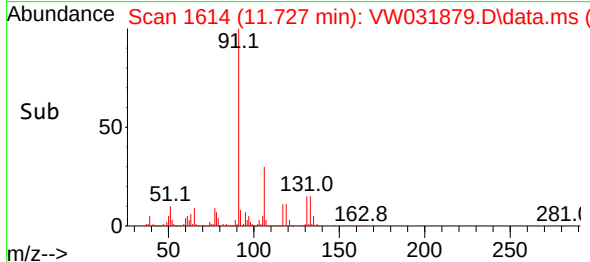
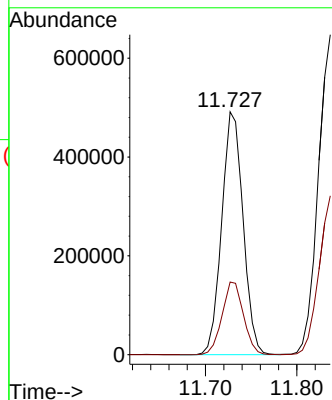
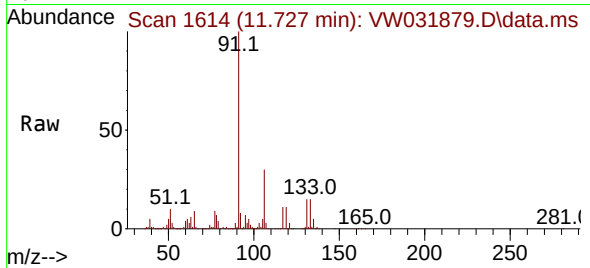




#67
Ethyl Benzene
Concen: 57.412 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

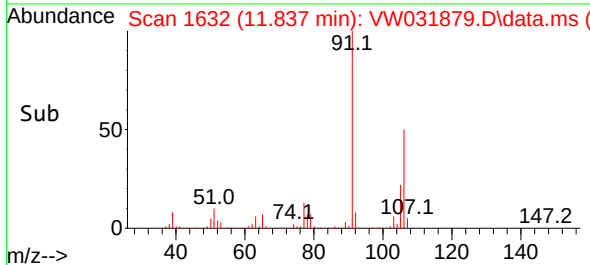
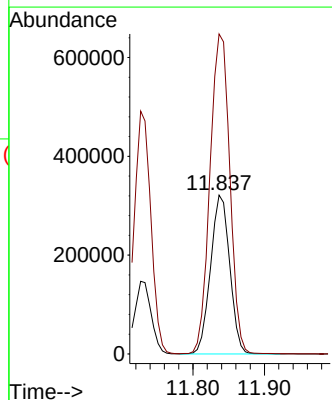
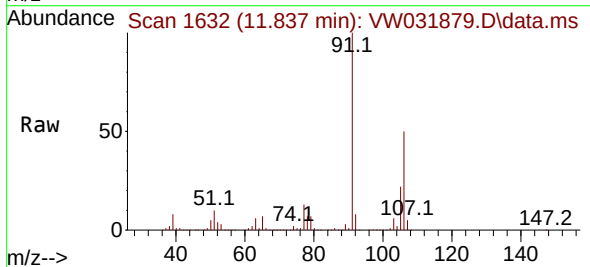
Instrument :
MSVOA_W
ClientSampleId :

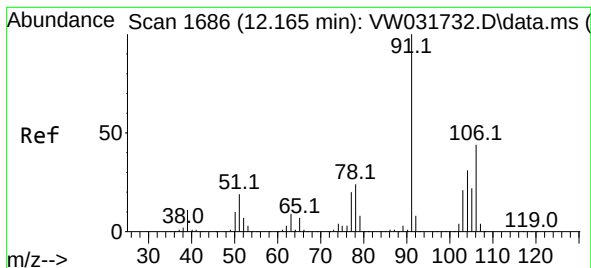
Tgt Ion: 91 Resp: 799238
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.2



#68
m/p-Xylenes
Concen: 111.672 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion:106 Resp: 597611
Ion Ratio Lower Upper
106 100
91 209.1 166.4 249.6





#69

o-Xylene

Concen: 56.547 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

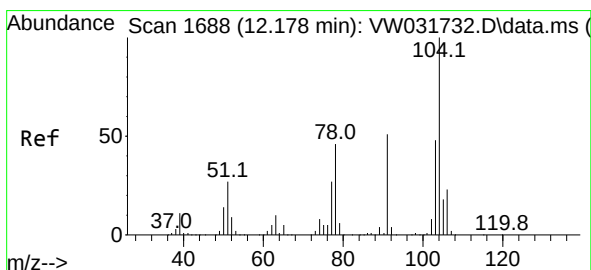
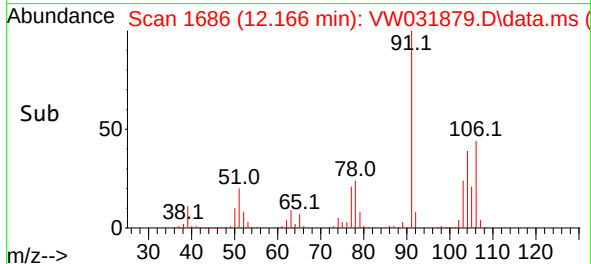
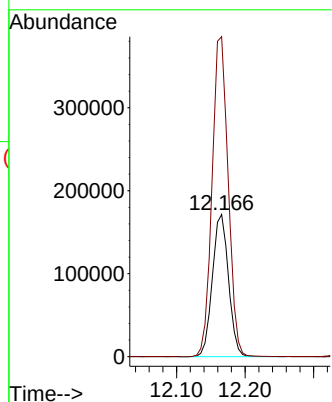
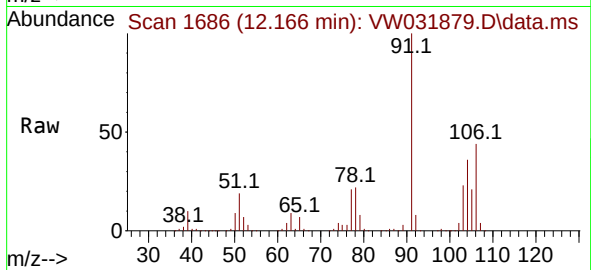
ClientSampleId :

Tgt Ion:106 Resp: 280183

Ion Ratio Lower Upper

106 100

91 224.9 111.5 334.4



#70

Styrene

Concen: 57.903 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

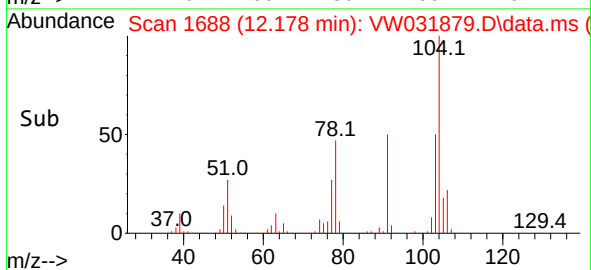
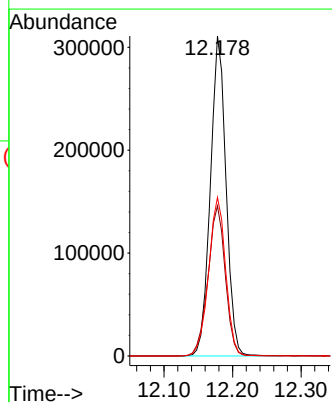
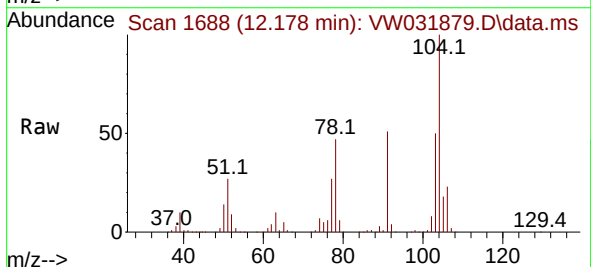
Tgt Ion:104 Resp: 495987

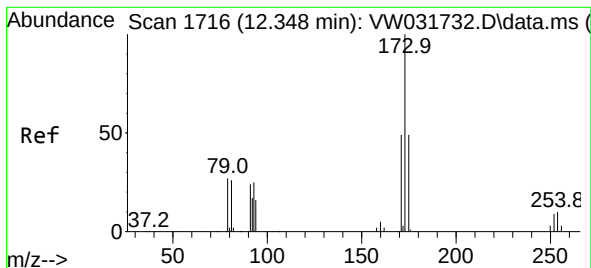
Ion Ratio Lower Upper

104 100

78 51.6 42.1 63.1

103 53.8 43.0 64.6





#71

Bromoform

Concen: 53.869 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :

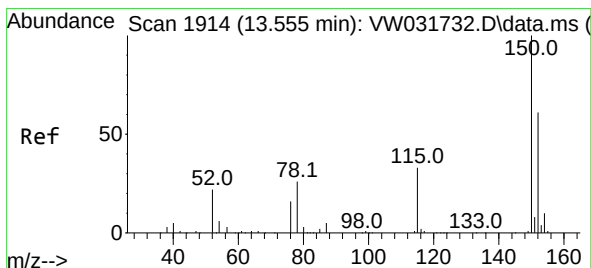
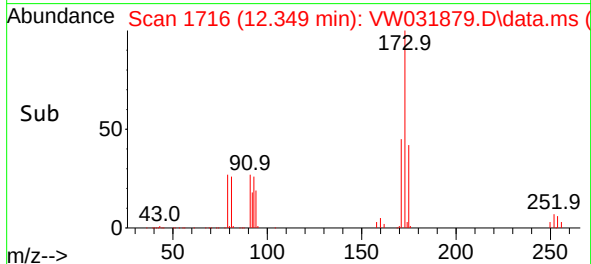
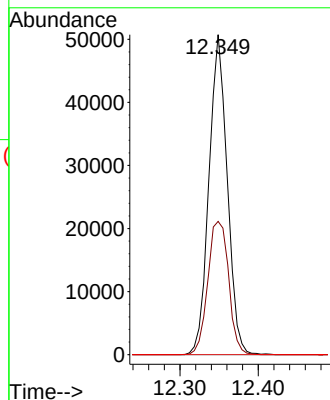
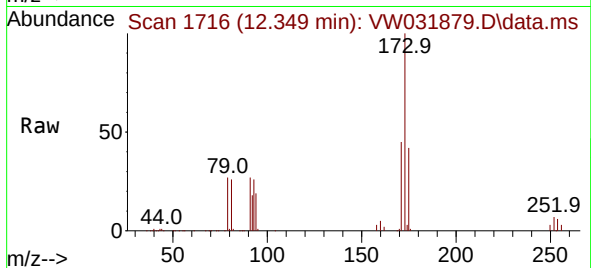
Tgt Ion:173 Resp: 82213

Ion Ratio Lower Upper

173 100

175 47.4 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

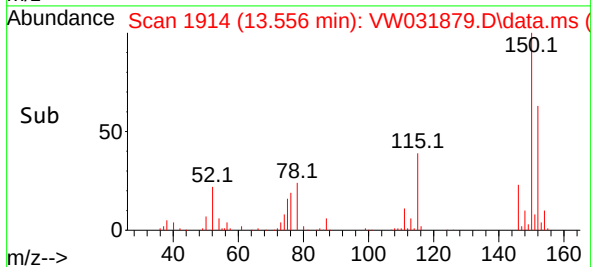
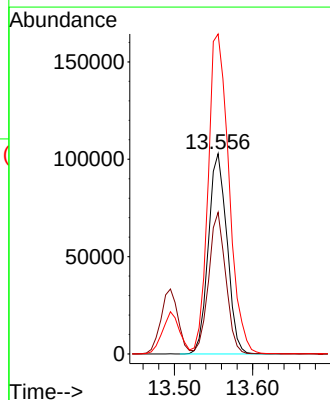
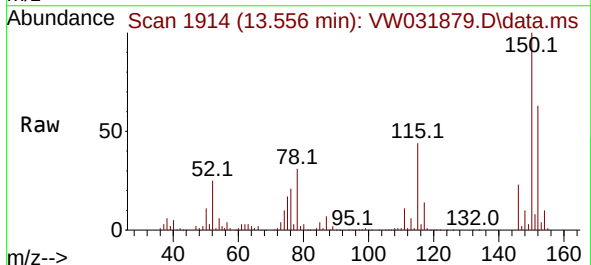
Tgt Ion:152 Resp: 169236

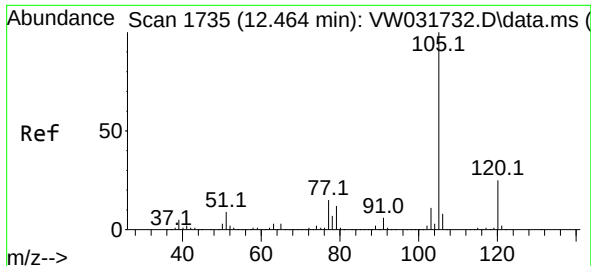
Ion Ratio Lower Upper

152 100

115 65.2 31.9 95.7

150 179.6 0.0 356.4

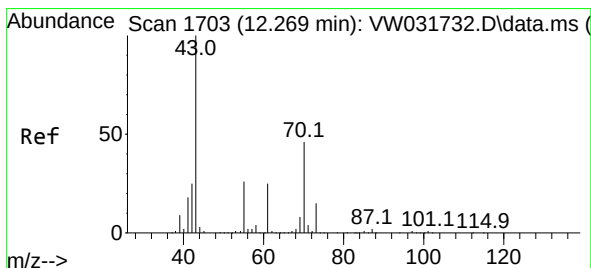
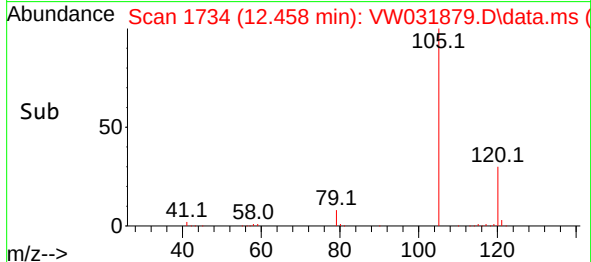
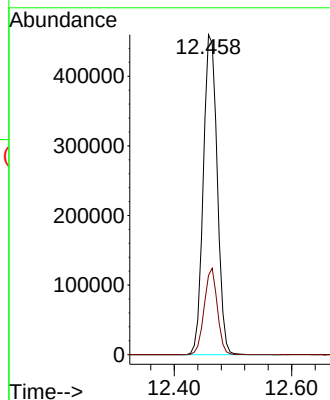
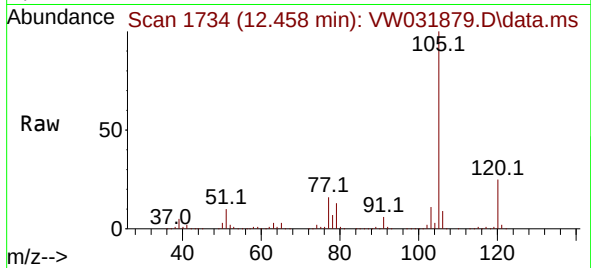




#73
Isopropylbenzene
Concen: 58.747 ug/l
RT: 12.458 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

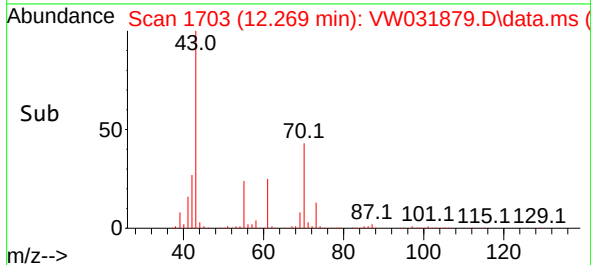
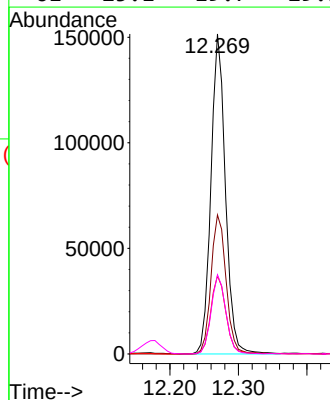
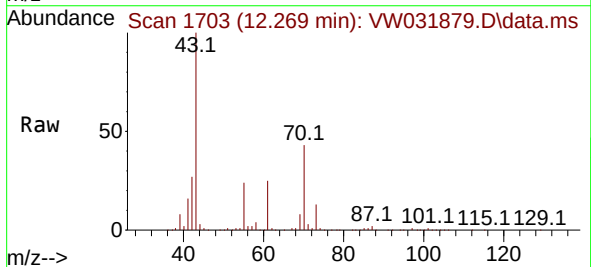
Instrument :
MSVOA_W
ClientSampleId :

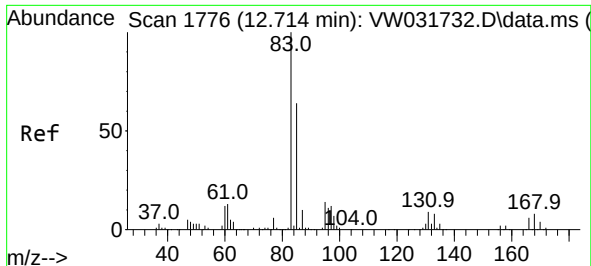
Tgt Ion:105 Resp: 756257
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4



#74
N-ethyl acetate
Concen: 64.412 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 43 Resp: 223490
Ion Ratio Lower Upper
43 100
70 45.2 36.0 54.0
55 25.4 20.8 31.2
61 25.1 19.7 29.5

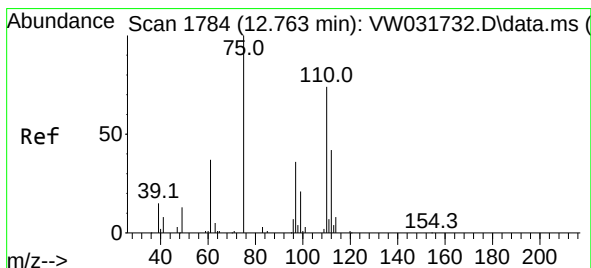
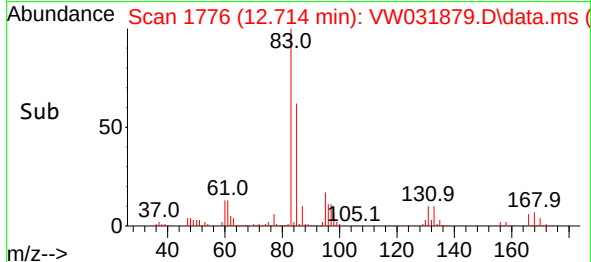
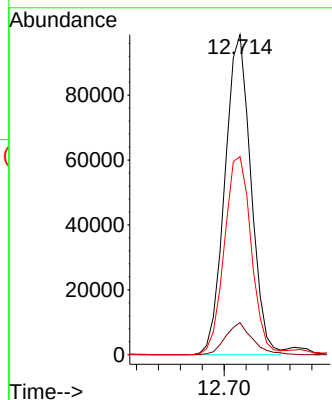
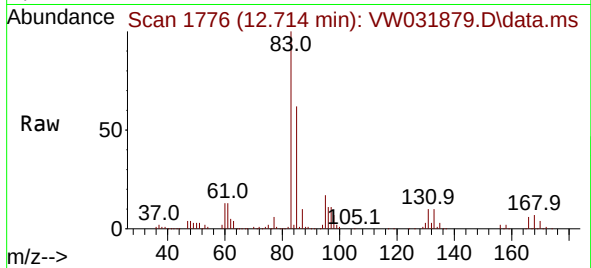




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.817 ug/l
 RT: 12.714 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW031879.D
 Acq: 17 Jul 2025 10:17

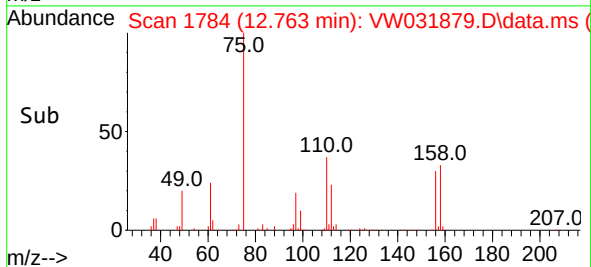
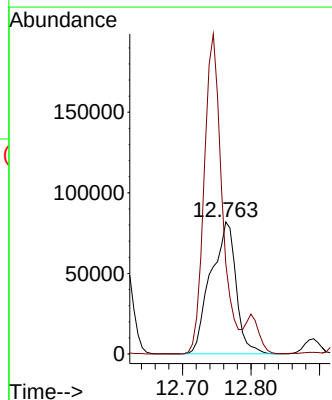
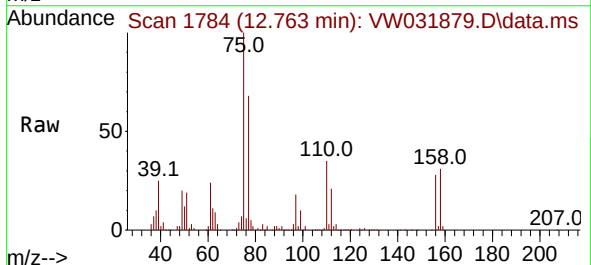
Instrument :
 MSVOA_W
 ClientSampleId :

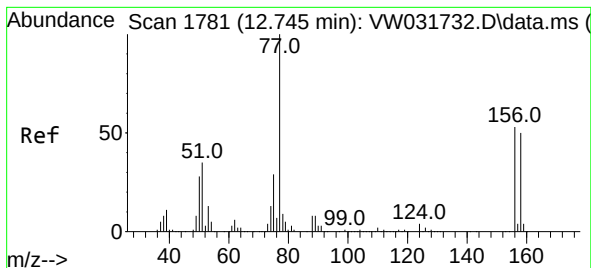
Tgt Ion: 83 Resp: 162380
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.3 16.1
 85 64.1 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 95.728 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW031879.D
 Acq: 17 Jul 2025 10:17

Tgt Ion: 75 Resp: 209357
 Ion Ratio Lower Upper
 75 100
 77 171.5 141.2 423.6





#77

Bromobenzene

Concen: 57.177 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :

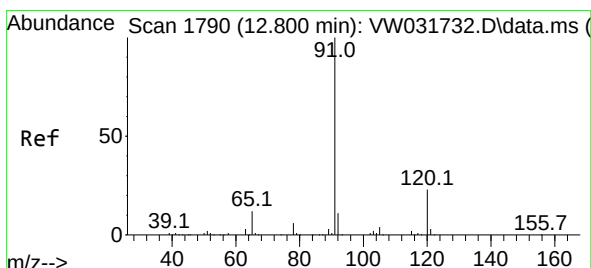
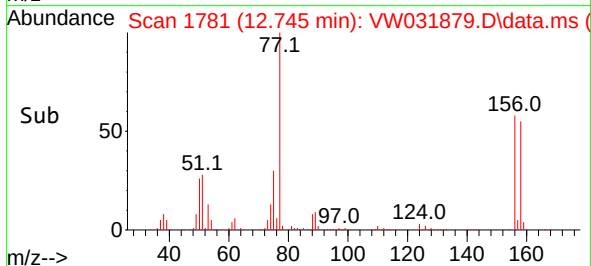
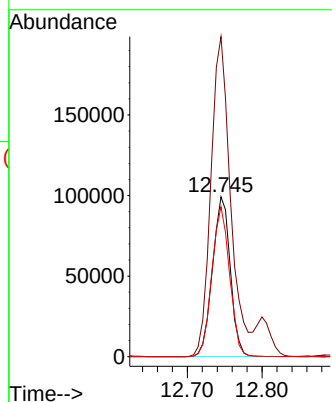
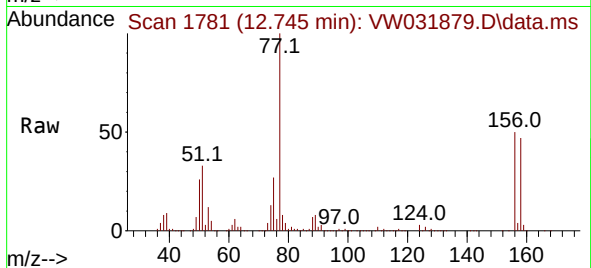
Tgt Ion:156 Resp: 164163

Ion Ratio Lower Upper

156 100

77 218.8 117.9 353.7

158 93.4 52.6 157.8



#78

n-propylbenzene

Concen: 58.111 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031879.D

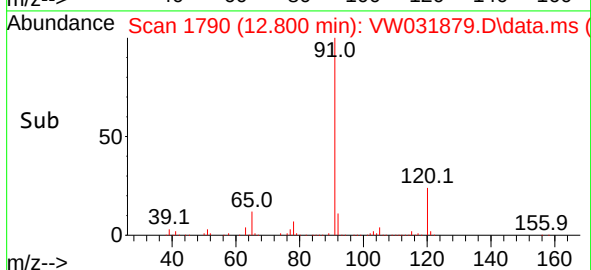
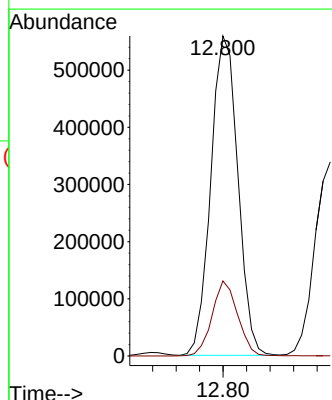
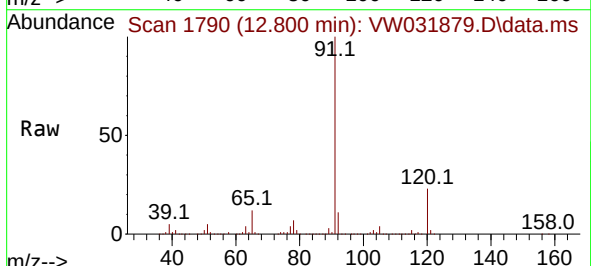
Acq: 17 Jul 2025 10:17

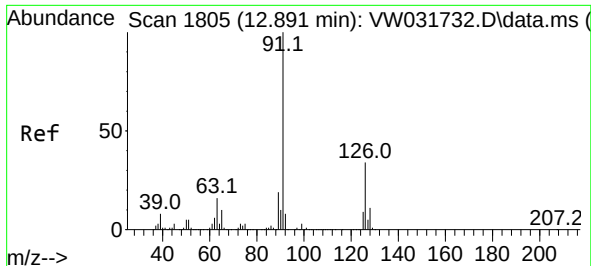
Tgt Ion: 91 Resp: 895797

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

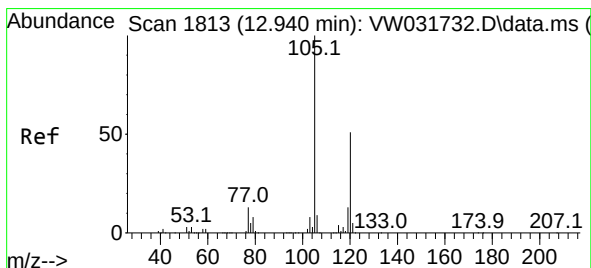
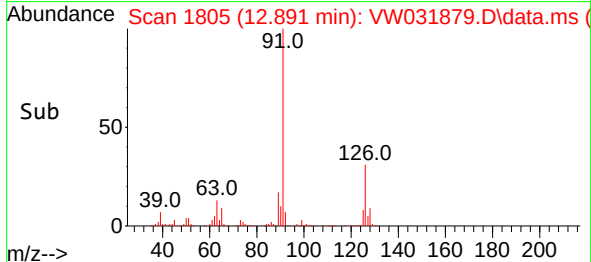
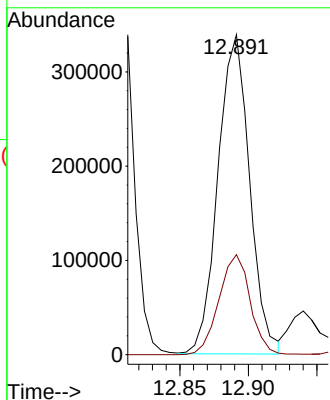
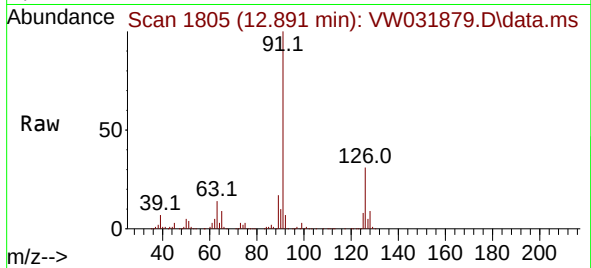




#79
2-Chlorotoluene
Concen: 58.535 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

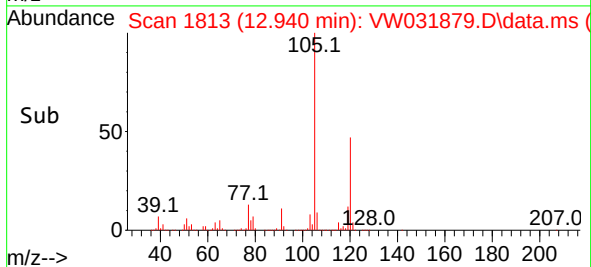
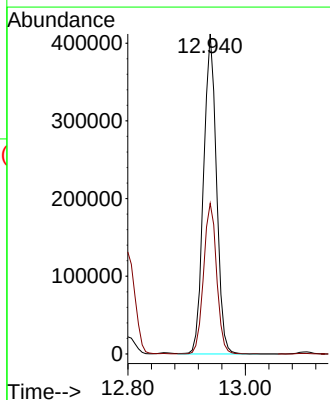
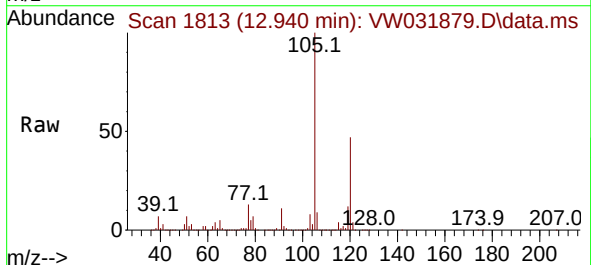
Instrument :
MSVOA_W
ClientSampleId :

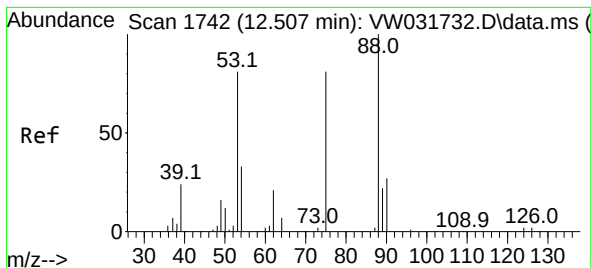
Tgt Ion: 91 Resp: 543360
Ion Ratio Lower Upper
91 100
126 30.9 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 59.044 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 105 Resp: 629147
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.2

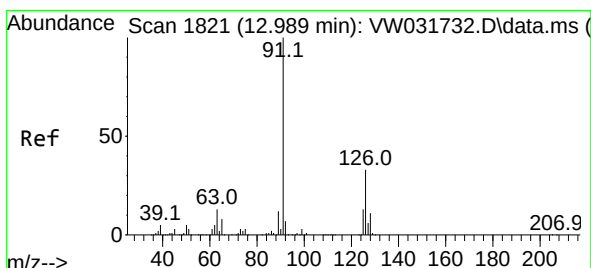
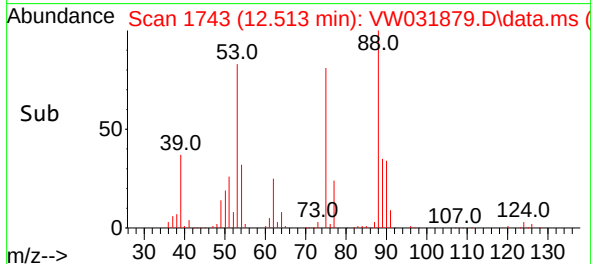
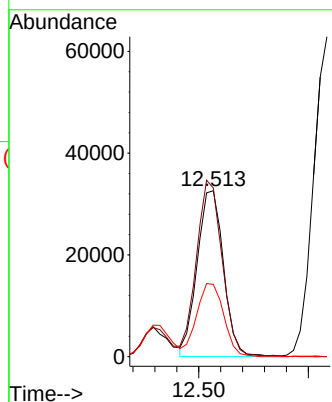
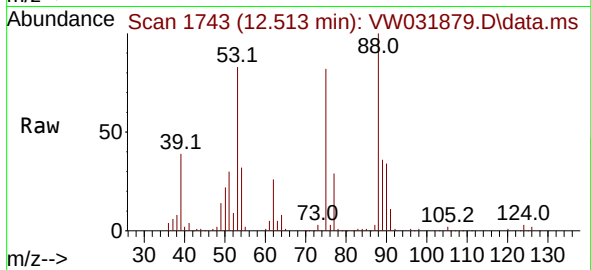




#81
trans-1,4-Dichloro-2-butene
Concen: 57.885 ug/l
RT: 12.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

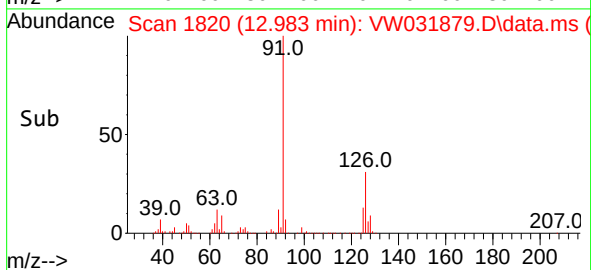
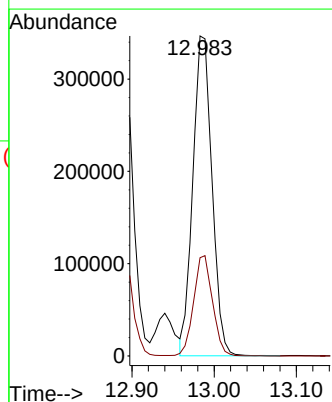
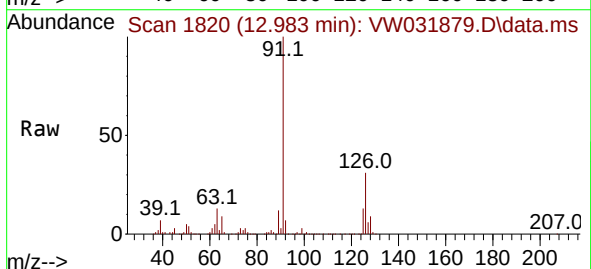
Instrument :
MSVOA_W
ClientSampleId :

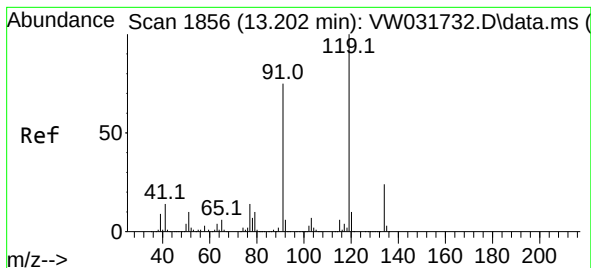
Tgt Ion: 75 Resp: 54352
Ion Ratio Lower Upper
75 100
53 104.6 83.5 125.3
89 45.6 38.3 57.5



#82
4-Chlorotoluene
Concen: 57.422 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 91 Resp: 559617
Ion Ratio Lower Upper
91 100
126 30.9 16.0 47.9

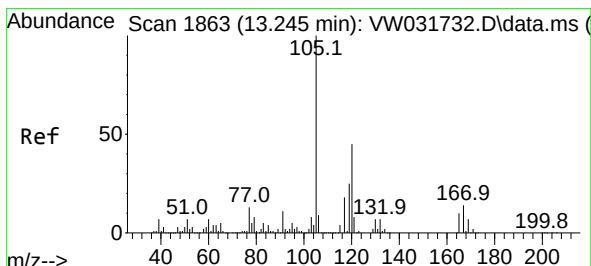
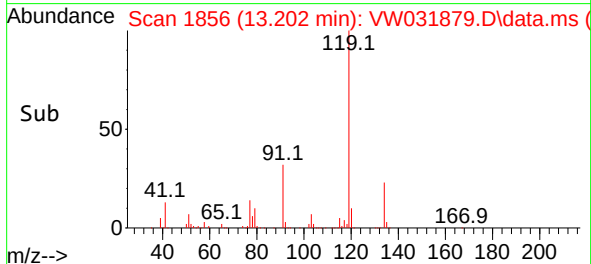
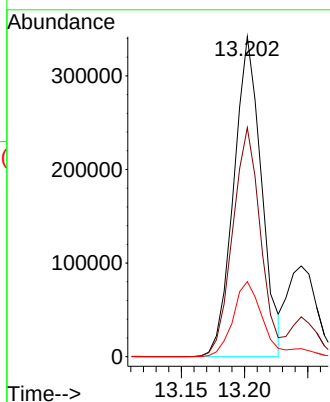
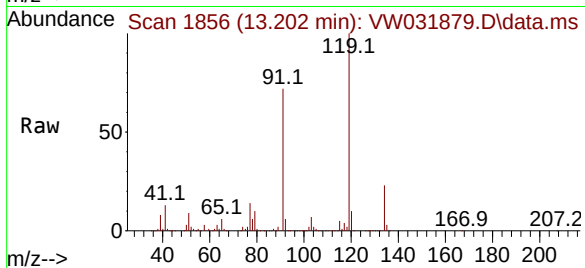




#83
tert-Butylbenzene
Concen: 57.219 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

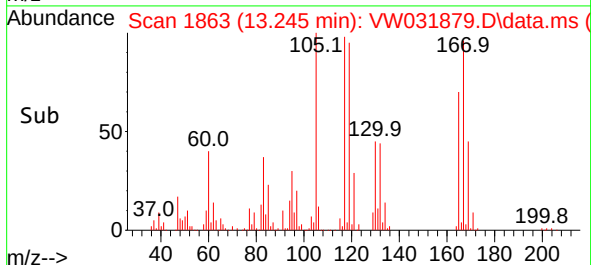
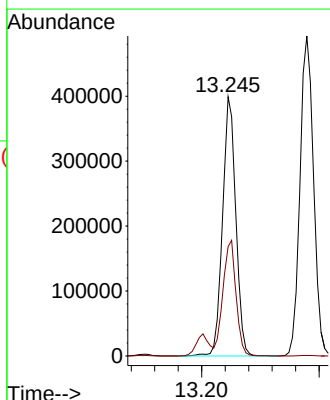
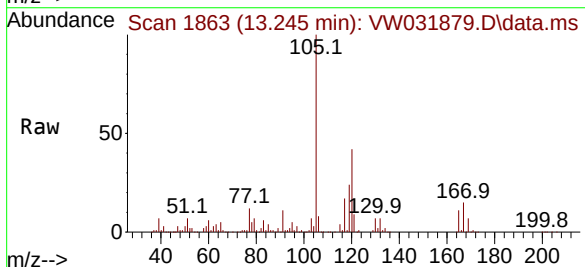
Instrument :
MSVOA_W
ClientSampleId :

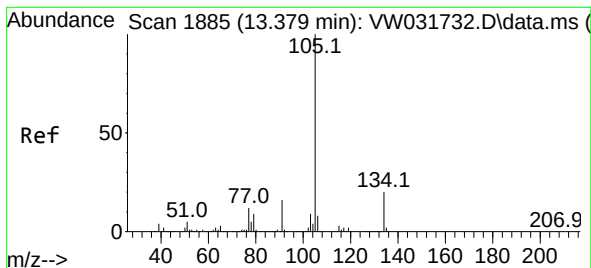
Tgt Ion:119 Resp: 522272
Ion Ratio Lower Upper
119 100
91 71.4 36.0 108.1
134 24.4 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 57.883 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion:105 Resp: 624928
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 57.428 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

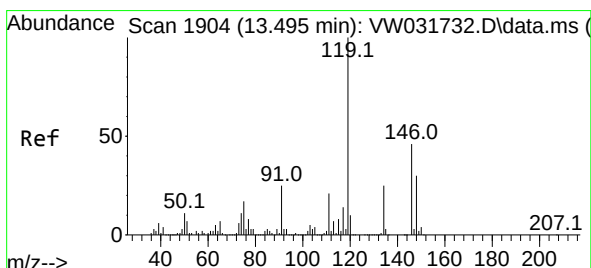
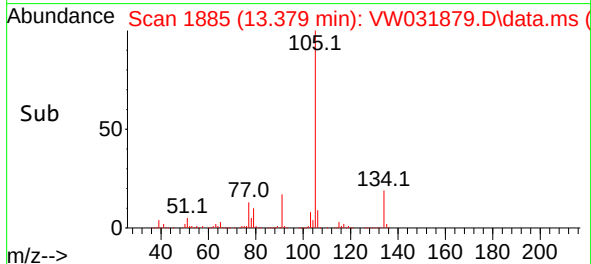
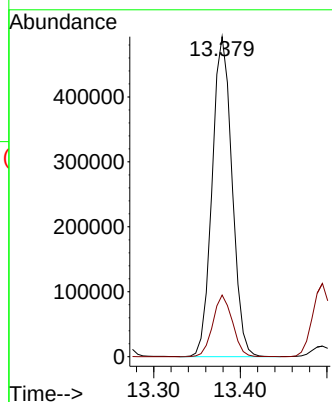
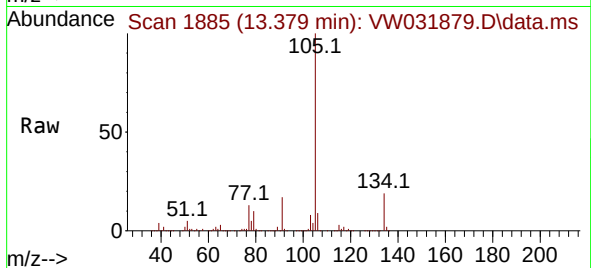
ClientSampleId :

Tgt Ion:105 Resp: 786777

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 57.580 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

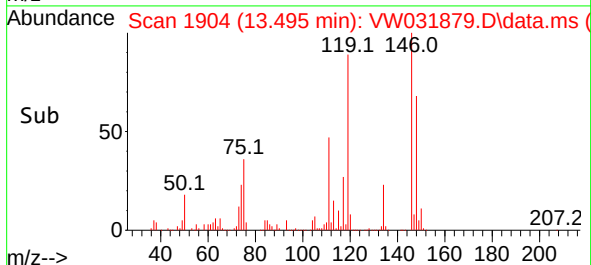
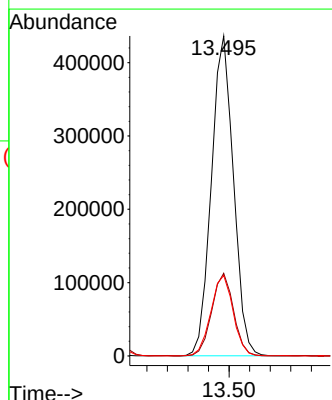
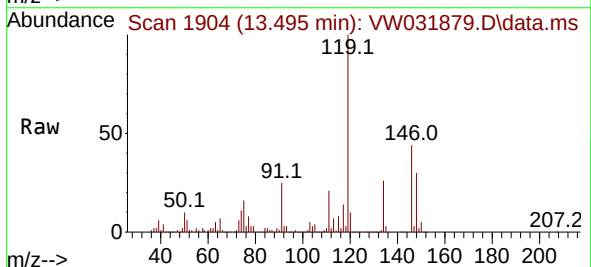
Tgt Ion:119 Resp: 650131

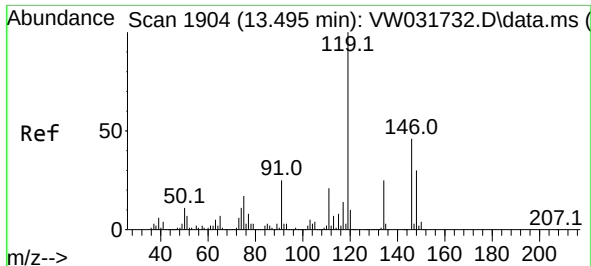
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 25.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 55.556 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :

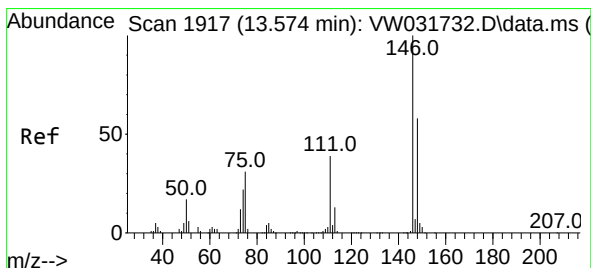
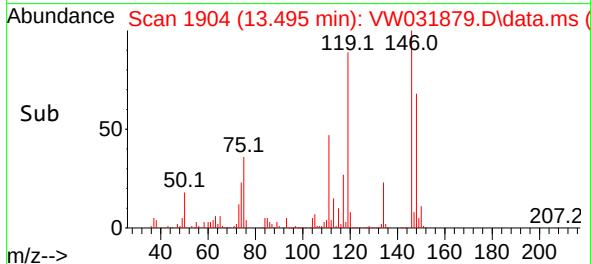
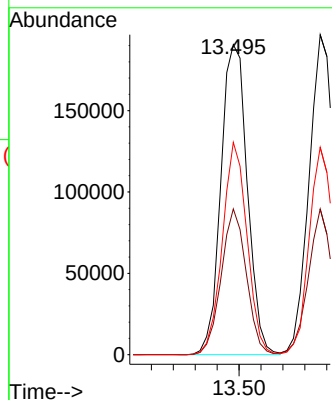
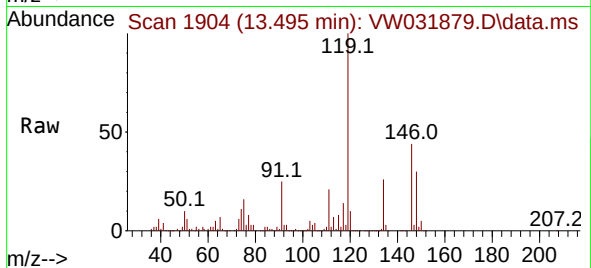
Tgt Ion:146 Resp: 319887

Ion Ratio Lower Upper

146 100

111 44.6 22.3 66.9

148 63.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 54.010 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

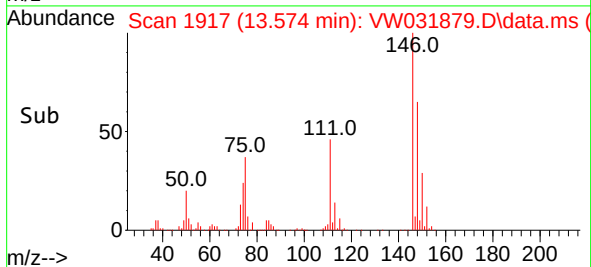
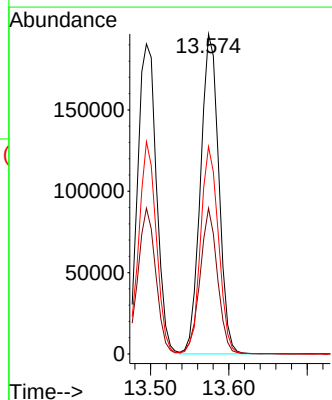
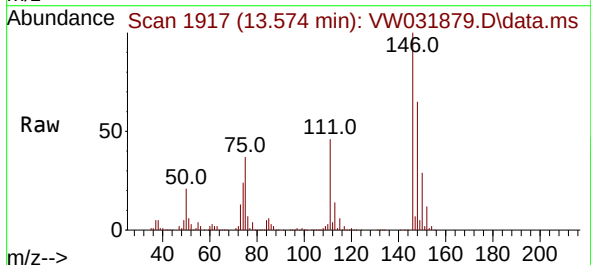
Tgt Ion:146 Resp: 318305

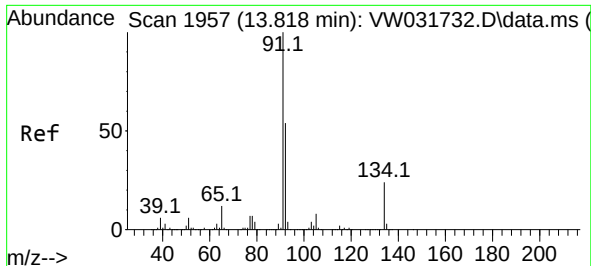
Ion Ratio Lower Upper

146 100

111 43.5 20.4 61.3

148 63.3 30.2 90.6

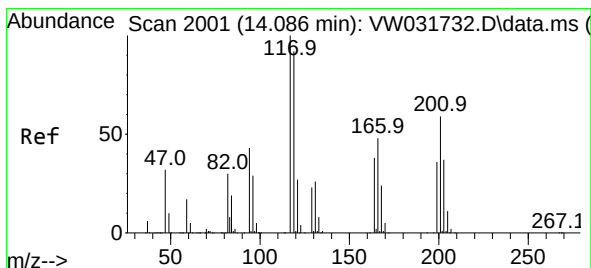
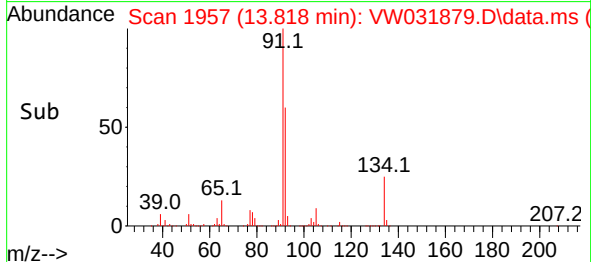
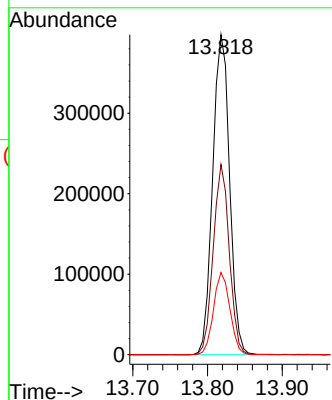
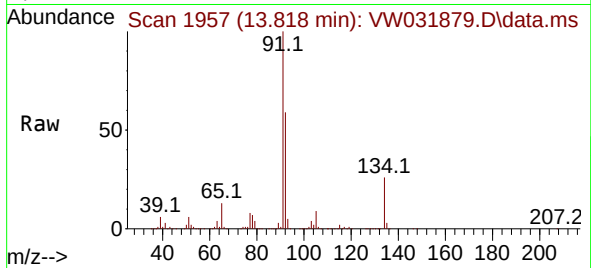




#89
n-Butylbenzene
Concen: 56.986 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

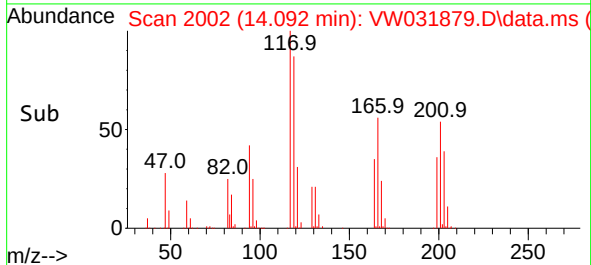
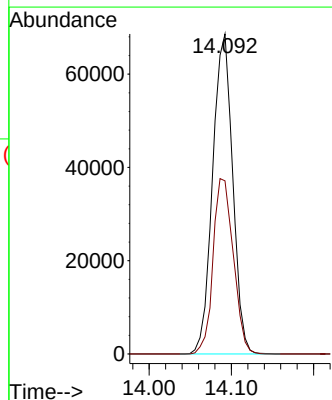
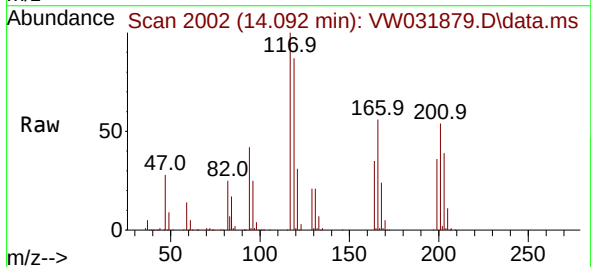
Instrument :
MSVOA_W
ClientSampleId :

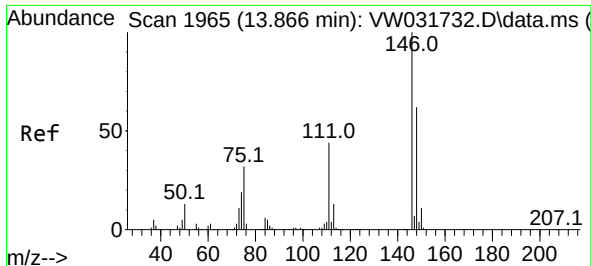
Tgt Ion: 91 Resp: 625152
Ion Ratio Lower Upper
91 100
92 56.6 27.2 81.5
134 25.0 12.2 36.6



#90
Hexachloroethane
Concen: 57.050 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW031879.D
Acq: 17 Jul 2025 10:17

Tgt Ion: 117 Resp: 116210
Ion Ratio Lower Upper
117 100
201 55.4 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 54.478 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :

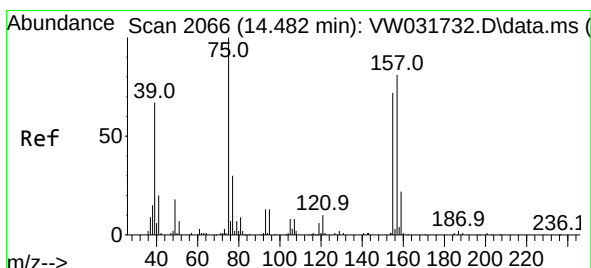
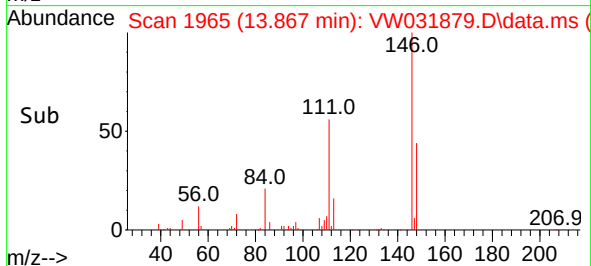
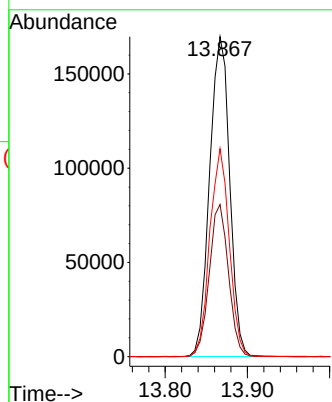
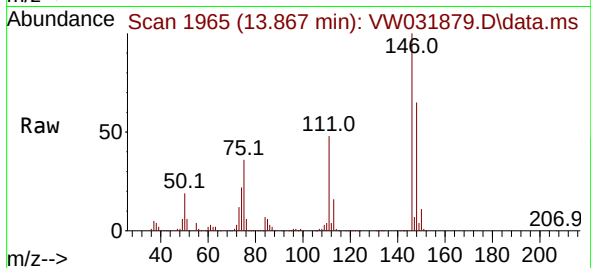
Tgt Ion:146 Resp: 286699

Ion Ratio Lower Upper

146 100

111 45.8 21.7 65.1

148 63.4 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.339 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

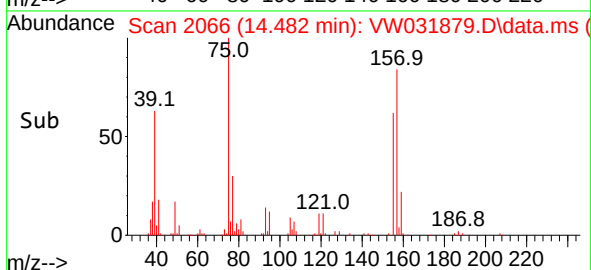
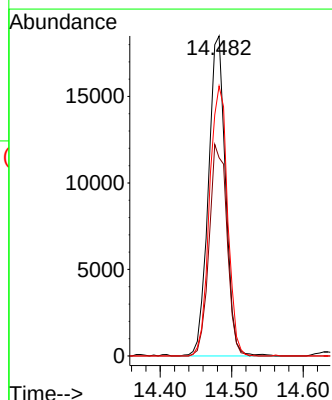
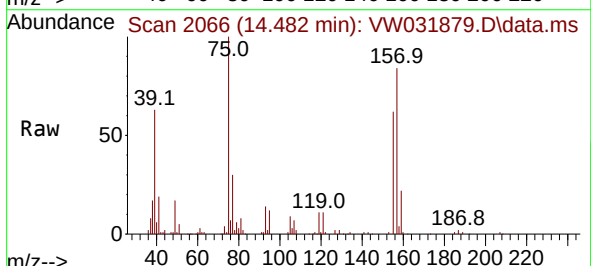
Tgt Ion: 75 Resp: 30881

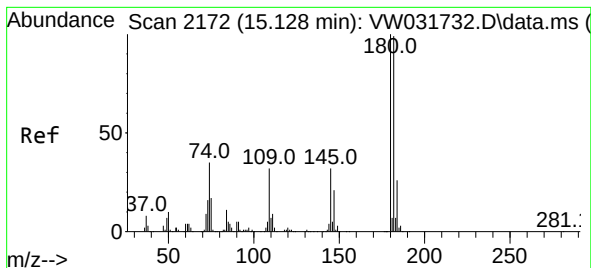
Ion Ratio Lower Upper

75 100

155 68.4 37.2 111.6

157 88.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 56.187 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :

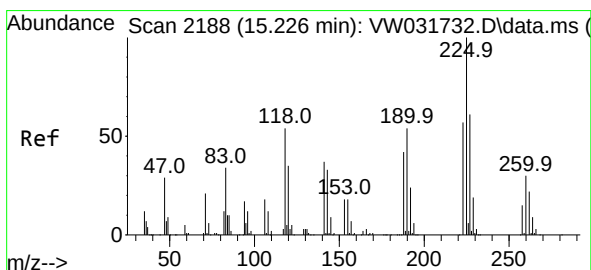
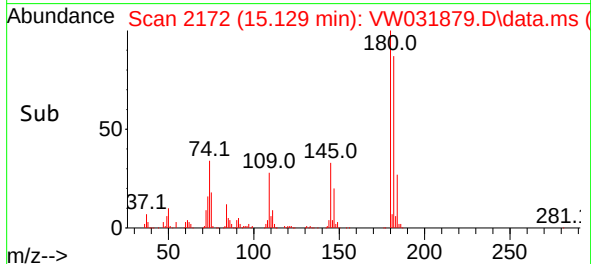
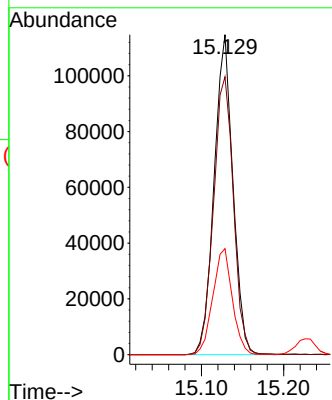
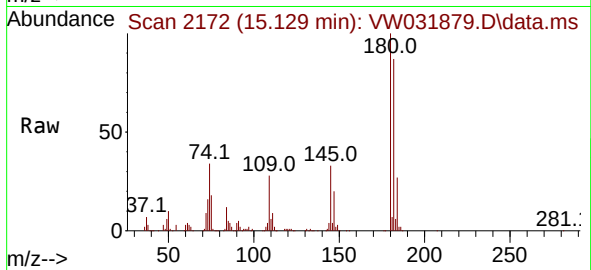
Tgt Ion:180 Resp: 182359

Ion Ratio Lower Upper

180 100

182 91.9 48.6 145.9

145 34.5 17.3 51.7



#94

Hexachlorobutadiene

Concen: 58.387 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

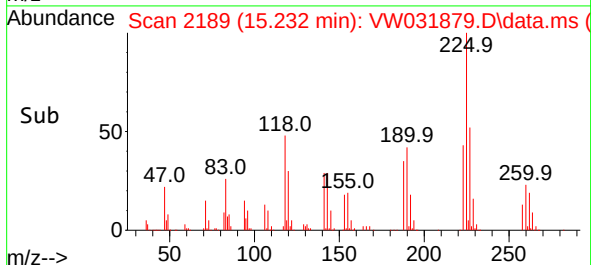
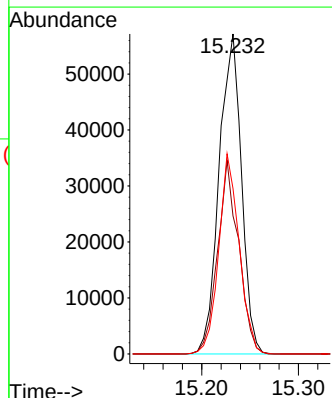
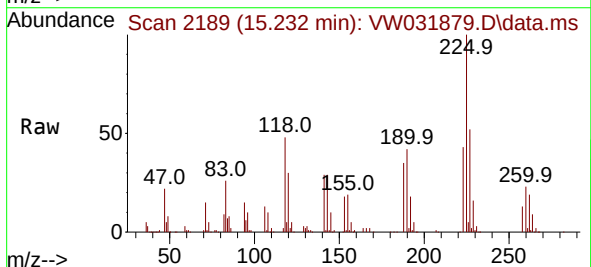
Tgt Ion:225 Resp: 91506

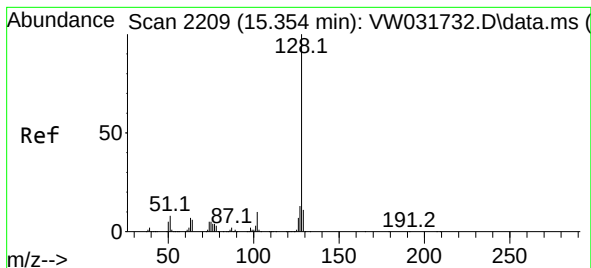
Ion Ratio Lower Upper

225 100

223 56.9 32.6 97.8

227 57.4 37.3 111.8





#95

Naphthalene

Concen: 59.206 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Instrument :

MSVOA_W

ClientSampleId :

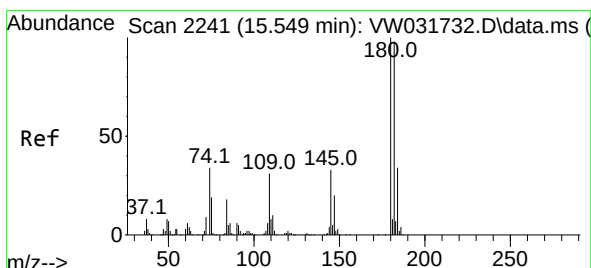
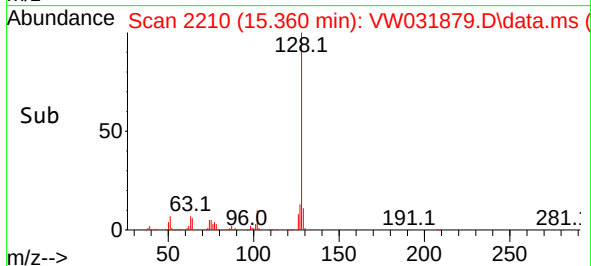
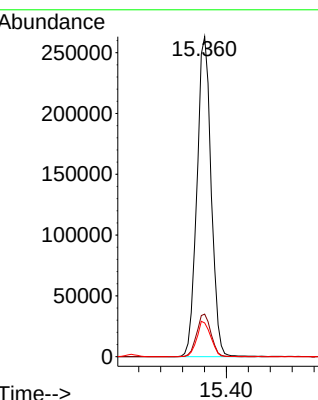
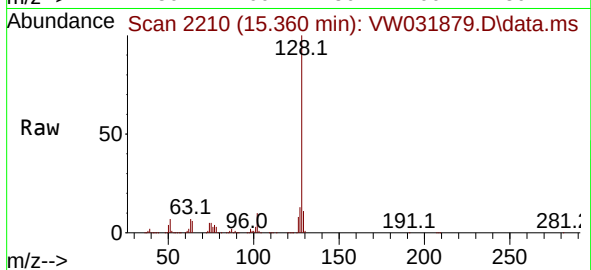
Tgt Ion:128 Resp: 471101

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.192 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031879.D

Acq: 17 Jul 2025 10:17

Tgt Ion:180 Resp: 155647

Ion Ratio Lower Upper

180 100

182 93.5 46.4 139.1

145 40.2 17.8 53.3

