

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031898.D
 Acq On : 22 Jul 2025 14:47
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW072225

Quant Time: Jul 23 08:20:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	226226	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	417980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	364156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171771	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	154942	45.275	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	90.560%
35) Dibromofluoromethane	7.898	113	131485	46.294	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	92.580%
50) Toluene-d8	10.325	98	495878	46.131	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.617	95	188746	45.728	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	91.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	79412	47.231	ug/l	97
3) Chloromethane	2.253	50	104231	48.299	ug/l	96
4) Vinyl Chloride	2.405	62	136473	48.682	ug/l	99
5) Bromomethane	2.826	94	98945	47.931	ug/l	99
6) Chloroethane	2.972	64	89035	48.122	ug/l	98
7) Trichlorofluoromethane	3.308	101	134264	47.287	ug/l	100
8) Diethyl Ether	3.722	74	88950	46.898	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	131248	48.057	ug/l	99
10) Methyl Iodide	4.314	142	194455	47.621	ug/l	100
11) Tert butyl alcohol	5.216	59	55051	273.664	ug/l	100
12) 1,1-Dichloroethene	4.076	96	146332	48.510	ug/l	98
13) Acrolein	3.929	56	66037	243.737	ug/l	99
14) Allyl chloride	4.704	41	227478	48.442	ug/l	99
15) Acrylonitrile	5.405	53	213745	252.071	ug/l	99
16) Acetone	4.161	43	212311	261.441	ug/l	99
17) Carbon Disulfide	4.417	76	383835	49.063	ug/l	97
18) Methyl Acetate	4.710	43	116092	51.889	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	262205	50.308	ug/l	97
20) Methylene Chloride	4.948	84	170521	49.004	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	154329	48.220	ug/l	98
22) Diisopropyl ether	6.338	45	458677	48.814	ug/l	96
23) Vinyl Acetate	6.277	43	1580961	257.536	ug/l	98
24) 1,1-Dichloroethane	6.246	63	285778	48.848	ug/l	99
25) 2-Butanone	7.191	43	295784	266.207	ug/l	98
26) 2,2-Dichloropropane	7.185	77	159426	48.135	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	183416	48.747	ug/l	97
28) Bromochloromethane	7.526	49	120307	49.115	ug/l	98
29) Tetrahydrofuran	7.551	42	189833	260.591	ug/l	99
30) Chloroform	7.691	83	305201	49.755	ug/l	99
31) Cyclohexane	7.971	56	246141	46.897	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	227258	48.687	ug/l	99
36) 1,1-Dichloropropene	8.093	75	216329	49.596	ug/l	98
37) Ethyl Acetate	7.270	43	126677	50.911	ug/l	99
38) Carbon Tetrachloride	8.087	117	205709	49.141	ug/l	96
39) Methylcyclohexane	9.343	83	279446	50.909	ug/l	96
40) Benzene	8.331	78	638121	49.422	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	73360	49.252	ug/l	95
42) 1,2-Dichloroethane	8.410	62	203485	49.242	ug/l	100
43) Isopropyl Acetate	8.435	43	233100	51.748	ug/l	100
44) Trichloroethene	9.099	130	150370	48.996	ug/l	97
45) 1,2-Dichloropropane	9.374	63	151921	48.855	ug/l	97
46) Dibromomethane	9.465	93	96302	49.959	ug/l	97
47) Bromodichloromethane	9.648	83	233260	50.465	ug/l	99
48) Methyl methacrylate	9.441	41	111759	52.150	ug/l	99
49) 1,4-Dioxane	9.465	88	20081	1044.021	ug/l #	81
51) 4-Methyl-2-Pentanone	10.209	43	646271	262.159	ug/l	100
52) Toluene	10.392	92	411023	49.520	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	227133	51.226	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	256794	50.715	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	128088	50.025	ug/l	91
56) Ethyl methacrylate	10.648	69	190747	52.748	ug/l	99
57) 1,3-Dichloropropane	10.934	76	226448	50.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	495366	266.689	ug/l	98
59) 2-Hexanone	10.965	43	463102	270.260	ug/l	100
60) Dibromochloromethane	11.129	129	148718	49.816	ug/l	99
61) 1,2-Dibromoethane	11.233	107	125012	49.410	ug/l	97
64) Tetrachloroethene	10.867	164	116825	48.658	ug/l	92
65) Chlorobenzene	11.660	112	424231	47.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	143748	52.026	ug/l	97
67) Ethyl Benzene	11.733	91	772618	49.339	ug/l	98
68) m/p-Xylenes	11.837	106	582795	98.862	ug/l	98
69) o-Xylene	12.166	106	286822	51.412	ug/l	98
70) Styrene	12.178	104	477401	50.260	ug/l	98
71) Bromoform	12.343	173	78568	51.994	ug/l #	97
73) Isopropylbenzene	12.458	105	737512	49.484	ug/l	100
74) N-amyl acetate	12.269	43	211747	52.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	157475	49.778	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	201935	85.149	ug/l #	100
77) Bromobenzene	12.745	156	160635	49.814	ug/l	94
78) n-propylbenzene	12.800	91	901700	49.260	ug/l	99
79) 2-Chlorotoluene	12.891	91	535719	49.018	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	626726	50.139	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	53527	52.109	ug/l	98
82) 4-Chlorotoluene	12.983	91	560575	48.892	ug/l	99
83) tert-Butylbenzene	13.202	119	530770	49.850	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	621802	49.148	ug/l	99
85) sec-Butylbenzene	13.379	105	802831	50.210	ug/l	100
86) p-Isopropyltoluene	13.489	119	664260	50.261	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	316200	47.106	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	320113	48.681	ug/l	98
89) n-Butylbenzene	13.818	91	638513	49.250	ug/l	98
90) Hexachloroethane	14.086	117	113450	49.643	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	286039	48.082	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	28523	49.905	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	177038	49.346	ug/l	93
94) Hexachlorobutadiene	15.232	225	78966	46.450	ug/l	92
95) Naphthalene	15.360	128	462913	52.482	ug/l	98
96) 1,2,3-Trichlorobenzene	15.543	180	164194	50.512	ug/l	96

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QLast Update : Wed Jul 23 08:18:46 2025
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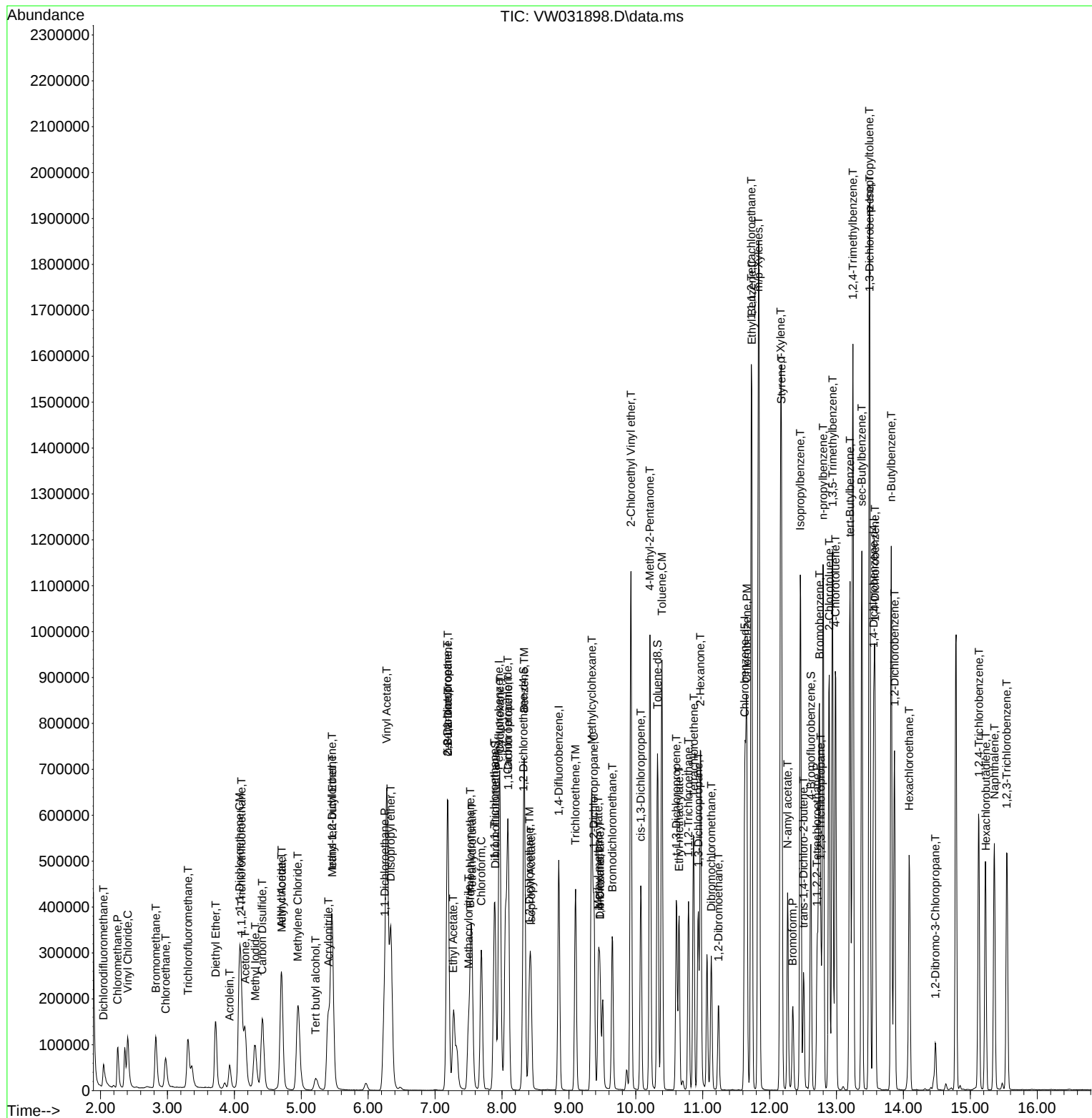
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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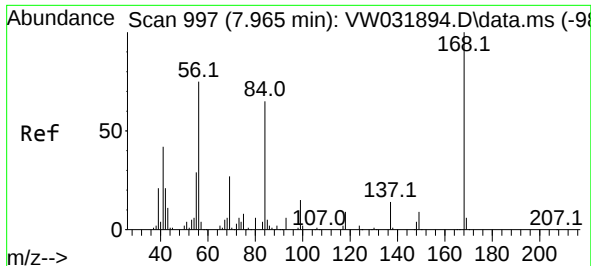
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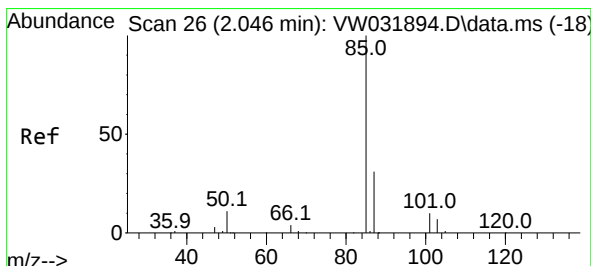
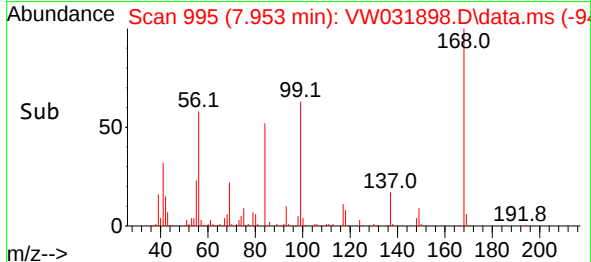
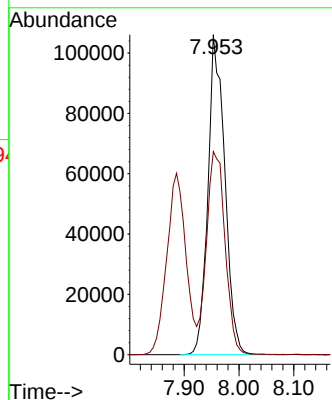
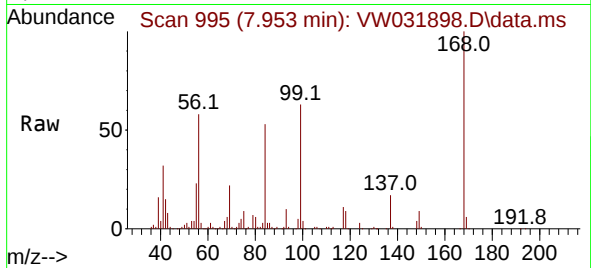




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
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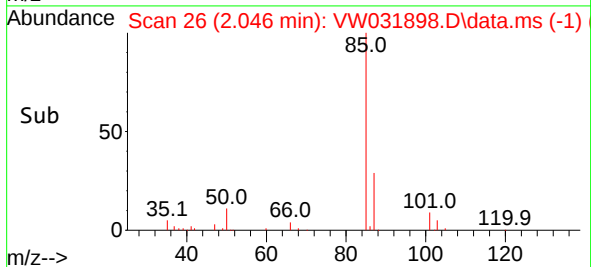
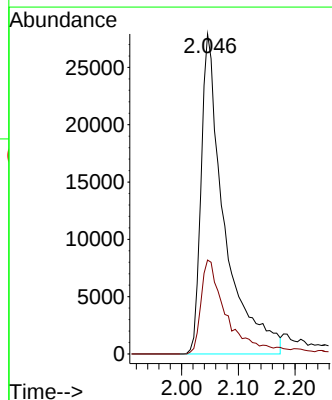
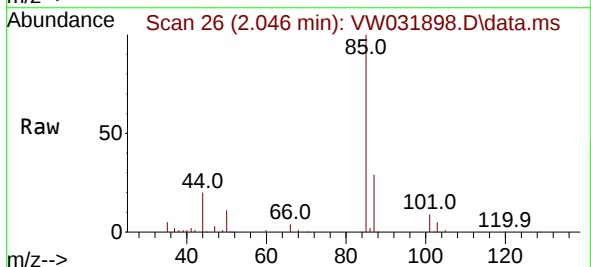
Instrument :
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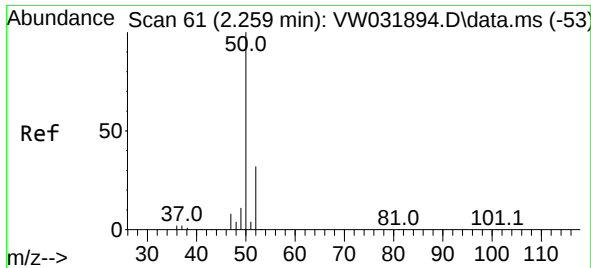
Tgt Ion:168 Resp: 226226
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 47.231 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 85 Resp: 79412
Ion Ratio Lower Upper
85 100
87 29.3 15.5 46.5

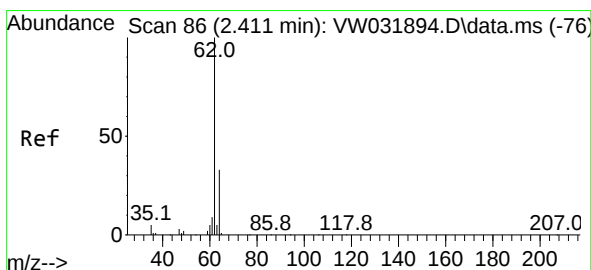
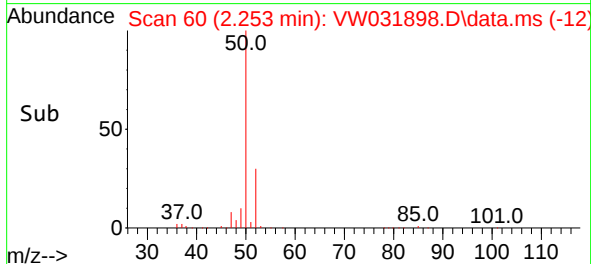
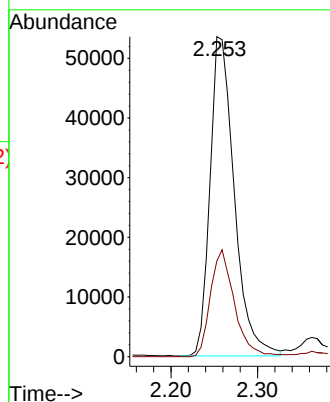
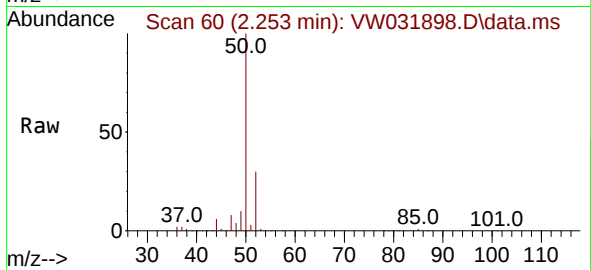




#3
Chloromethane
Concen: 48.299 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

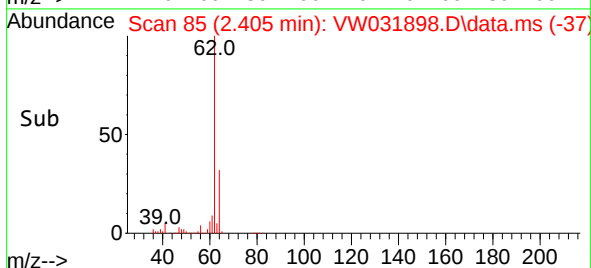
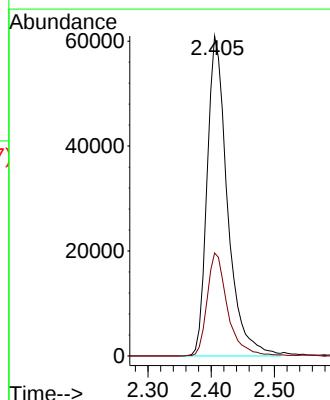
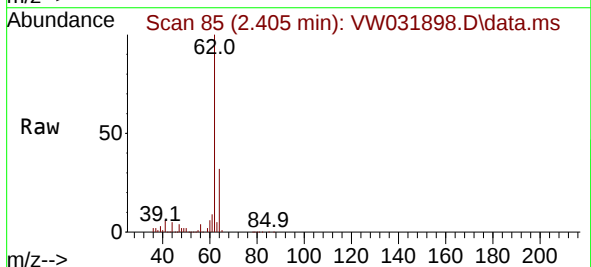
Instrument :
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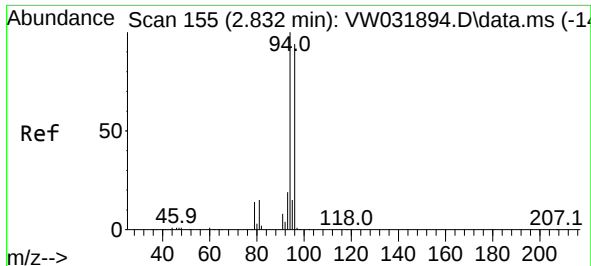
Tgt Ion: 50 Resp: 104231
Ion Ratio Lower Upper
50 100
52 30.0 25.7 38.5



#4
Vinyl Chloride
Concen: 48.682 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031898.D
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Tgt Ion: 62 Resp: 136473
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2

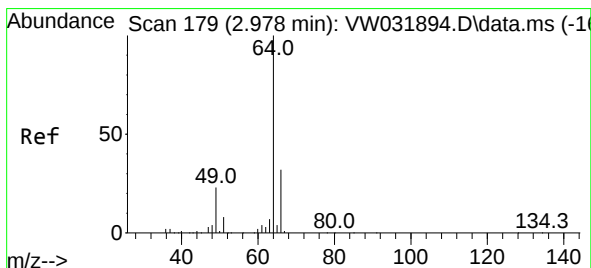
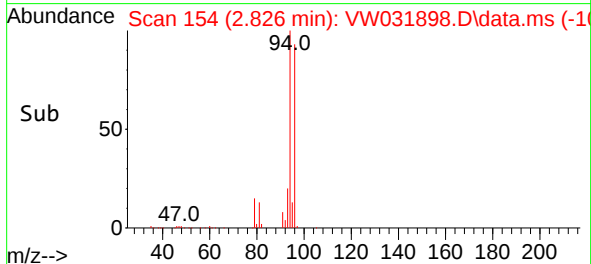
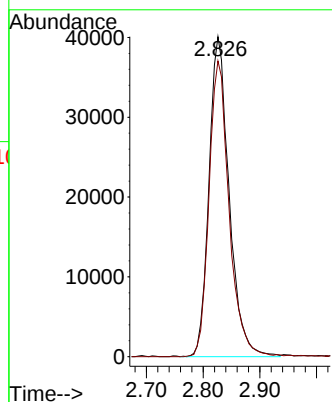
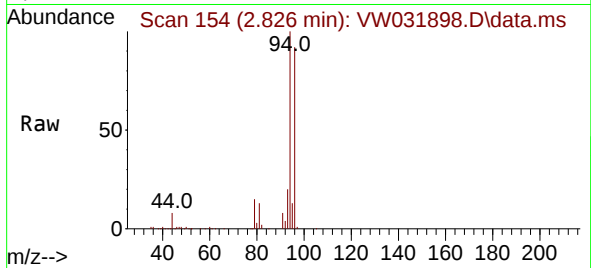




#5
Bromomethane
Concen: 47.931 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

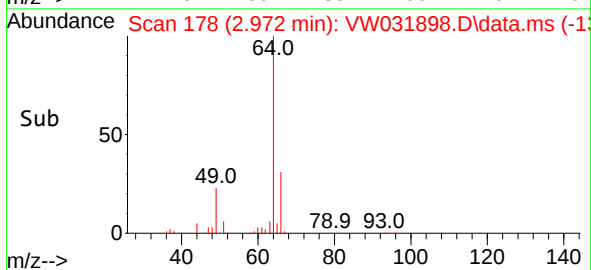
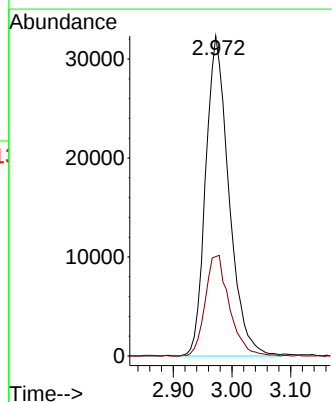
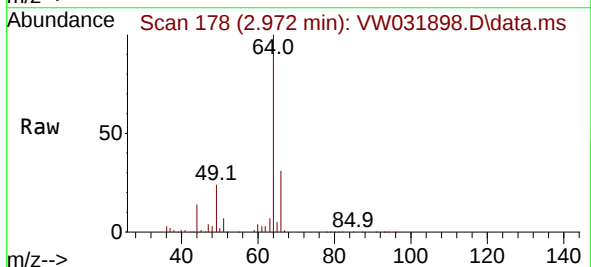
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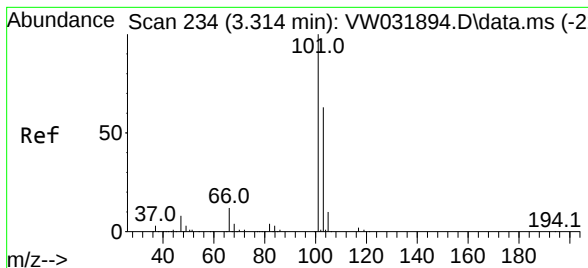
Tgt Ion: 94 Resp: 98945
Ion Ratio Lower Upper
94 100
96 92.4 75.0 112.6



#6
Chloroethane
Concen: 48.122 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031898.D
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Tgt Ion: 64 Resp: 89035
Ion Ratio Lower Upper
64 100
66 31.1 25.6 38.4





#7

Trichlorofluoromethane

Concen: 47.287 ug/l

RT: 3.308 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

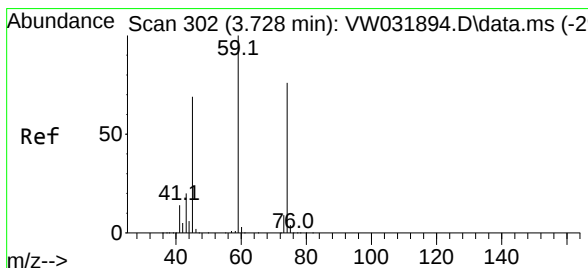
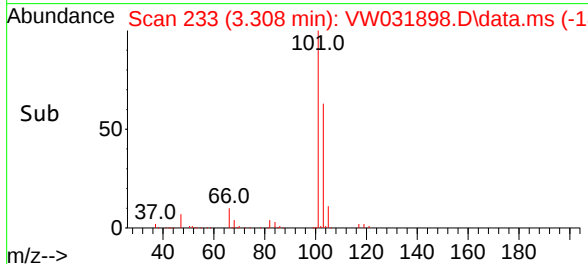
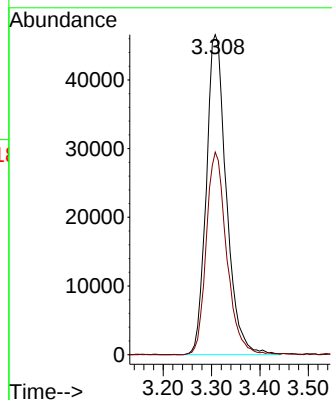
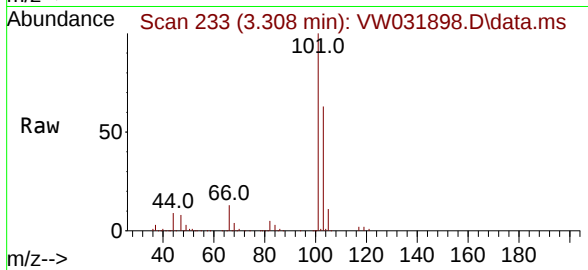
ICVW072225

Tgt Ion:101 Resp: 134264

Ion Ratio Lower Upper

101 100

103 63.3 50.7 76.1



#8

Diethyl Ether

Concen: 46.898 ug/l

RT: 3.722 min Scan# 301

Delta R.T. -0.006 min

Lab File: VW031898.D

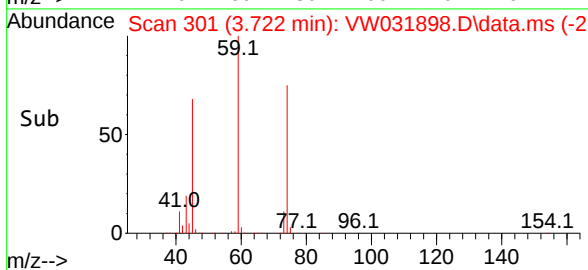
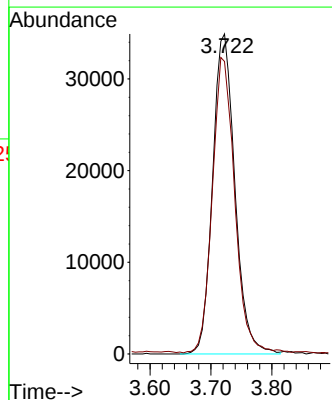
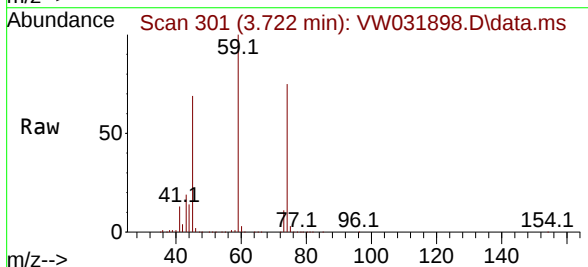
Acq: 22 Jul 2025 14:47

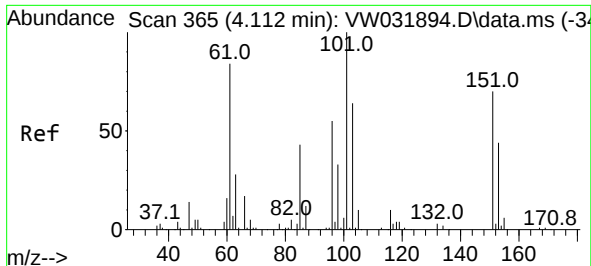
Tgt Ion: 74 Resp: 88950

Ion Ratio Lower Upper

74 100

45 92.3 45.5 136.5

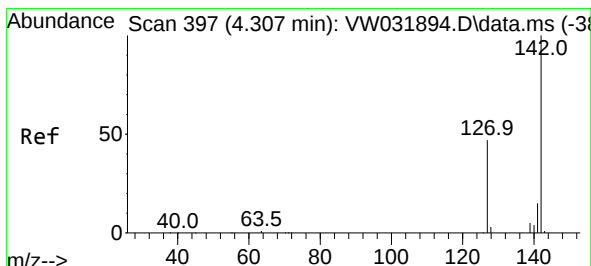
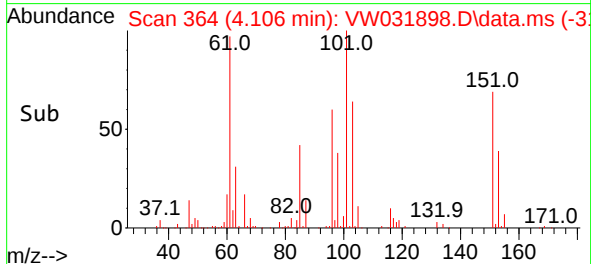
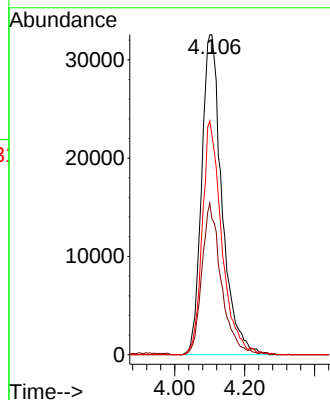
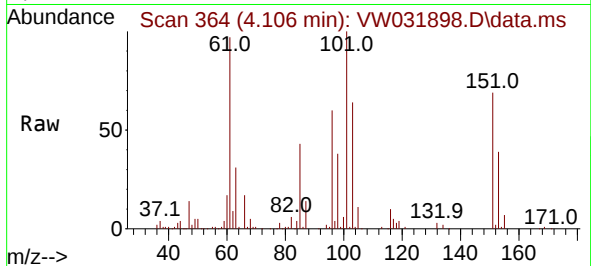




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.057 ug/l
RT: 4.106 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

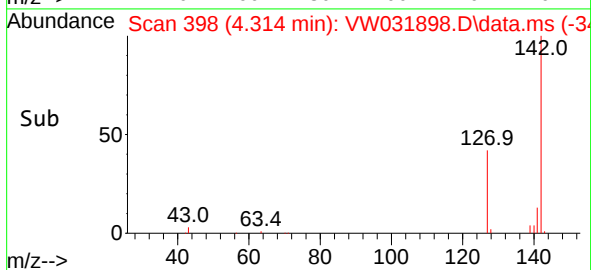
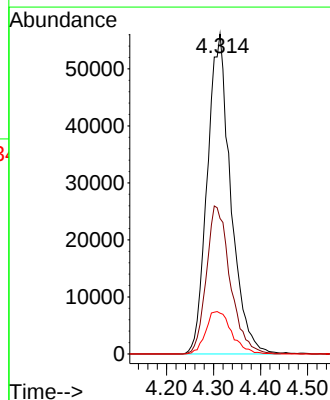
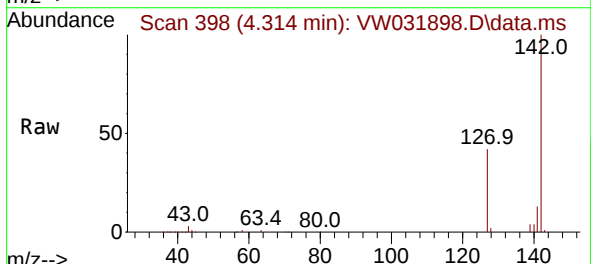
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

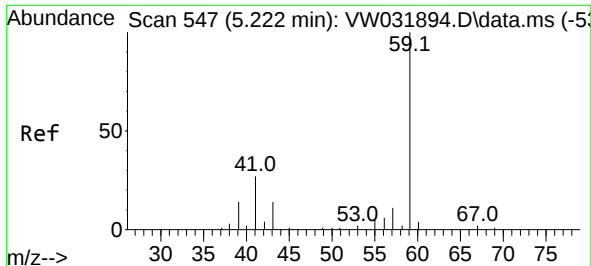
Tgt Ion:101 Resp: 131248
Ion Ratio Lower Upper
101 100
85 45.0 35.5 53.3
151 69.3 54.6 81.8



#10
Methyl Iodide
Concen: 47.621 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion:142 Resp: 194455
Ion Ratio Lower Upper
142 100
127 47.0 37.4 56.2
141 14.6 11.9 17.9

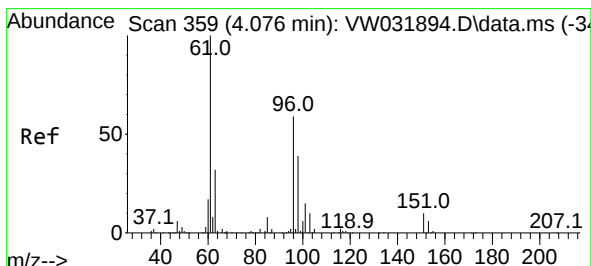
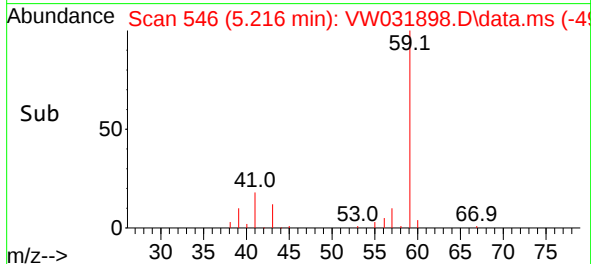
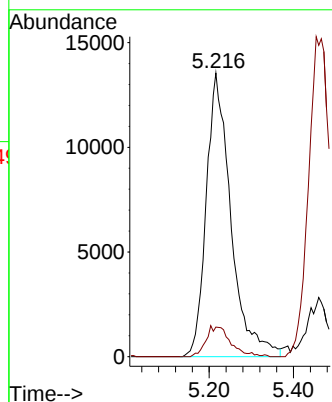
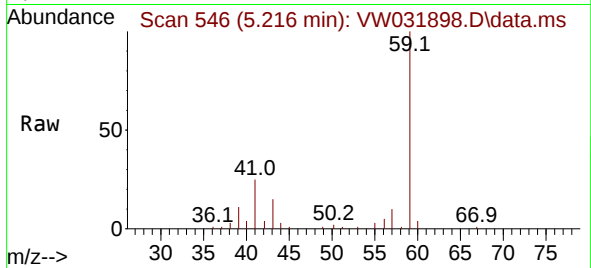




#11
Tert butyl alcohol
Concen: 273.664 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

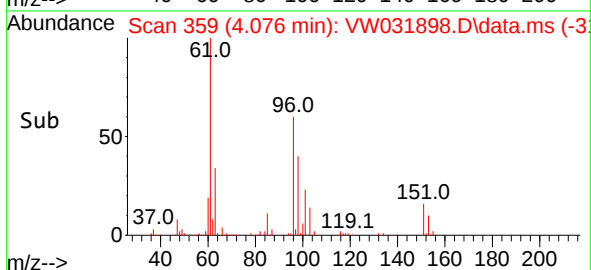
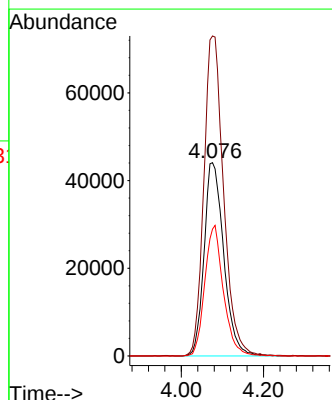
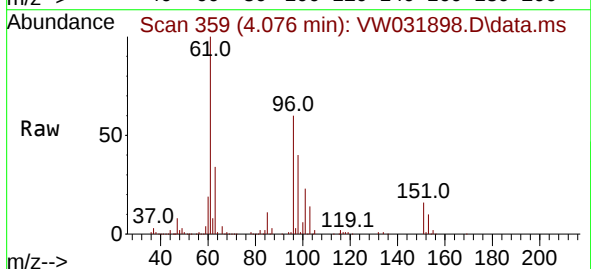
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

Tgt Ion: 59 Resp: 55051
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.510 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 96 Resp: 146332
Ion Ratio Lower Upper
96 100
61 165.6 135.0 202.6
98 65.7 52.3 78.5

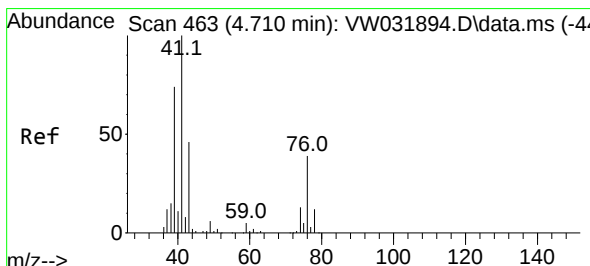
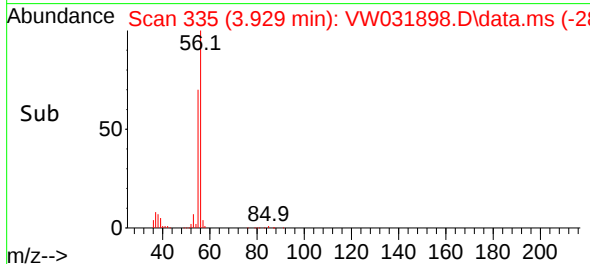
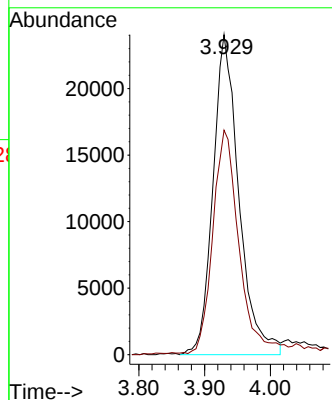
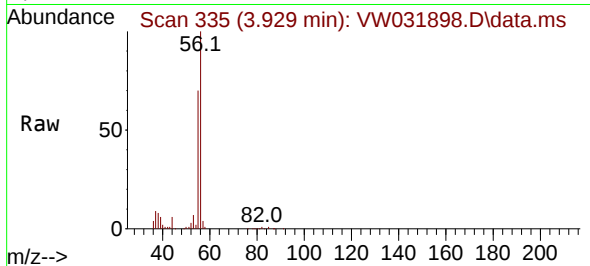




#13
Acrolein
Concen: 243.737 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.013 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

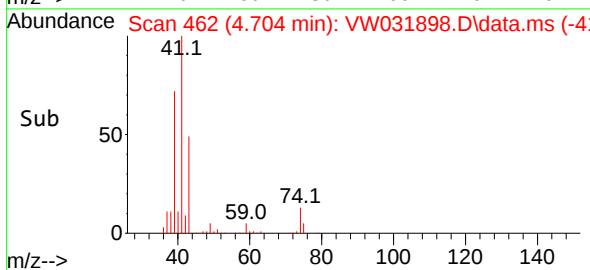
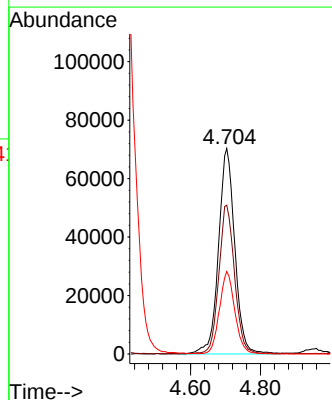
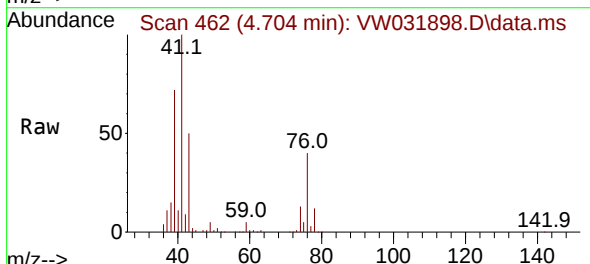
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

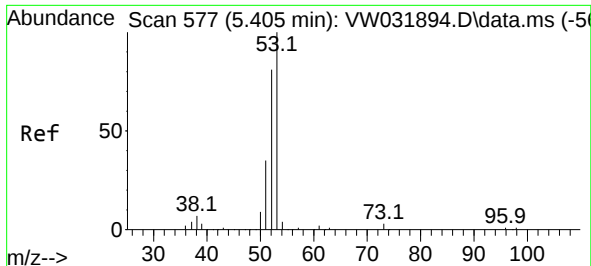
Tgt Ion: 56 Resp: 66037
Ion Ratio Lower Upper
56 100
55 69.8 56.7 85.1



#14
Allyl chloride
Concen: 48.442 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 41 Resp: 227478
Ion Ratio Lower Upper
41 100
39 69.7 56.6 85.0
76 37.8 30.1 45.1

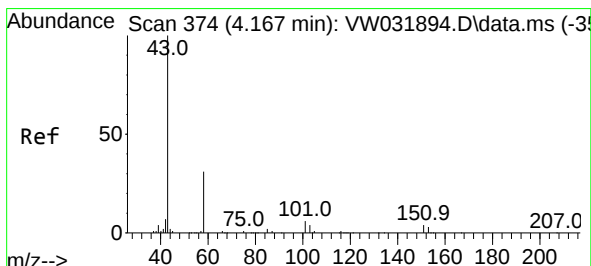
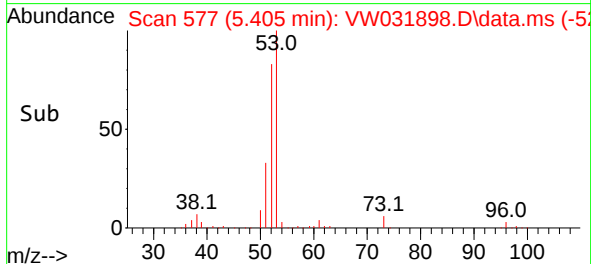
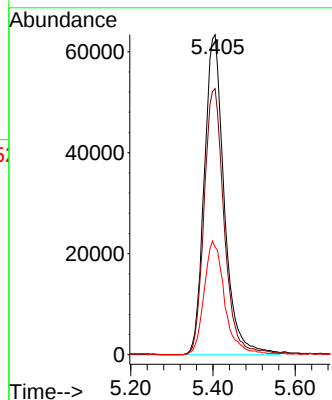
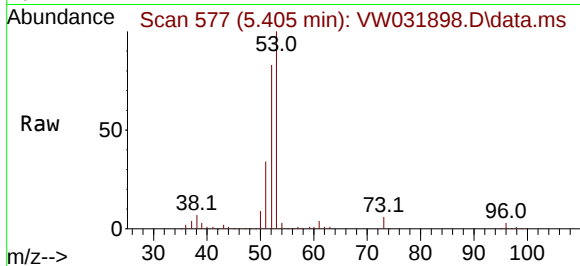




#15
Acrylonitrile
Concen: 252.071 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

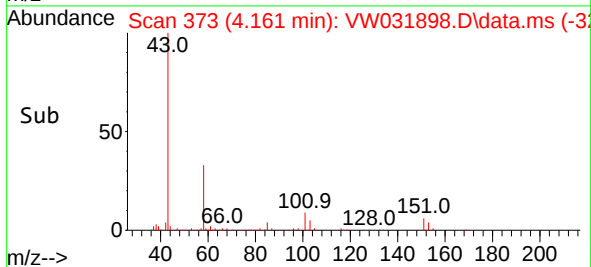
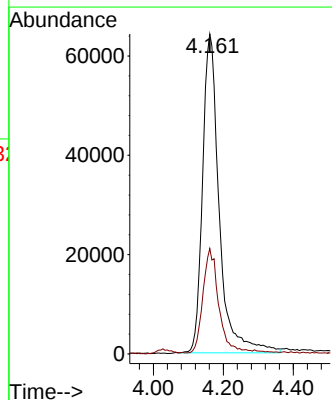
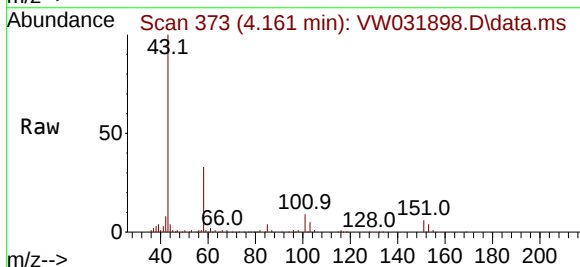
Instrument :
MSVOA_W
ClientSampleId :
ICVVW072225

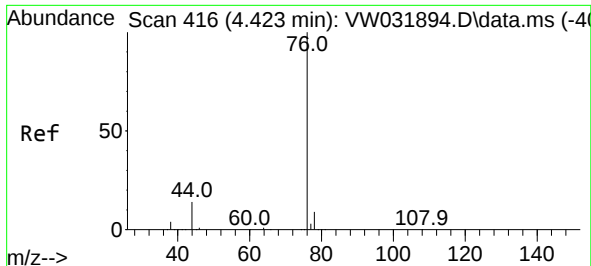
Tgt Ion: 53 Resp: 213745
Ion Ratio Lower Upper
53 100
52 83.4 67.0 100.4
51 36.6 29.9 44.9



#16
Acetone
Concen: 261.441 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 43 Resp: 212311
Ion Ratio Lower Upper
43 100
58 32.7 25.5 38.3

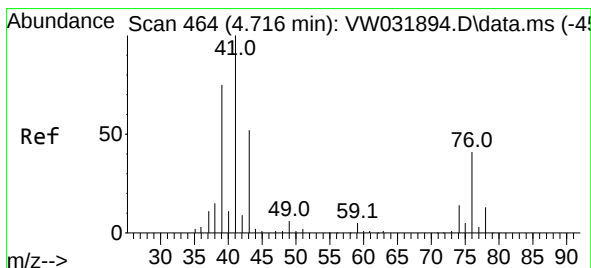
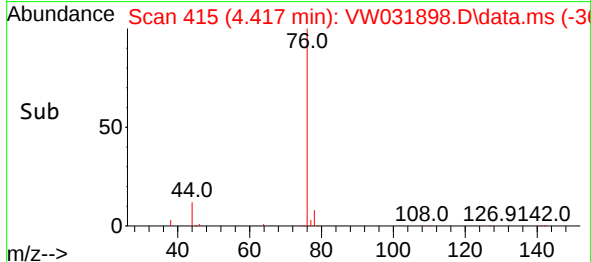
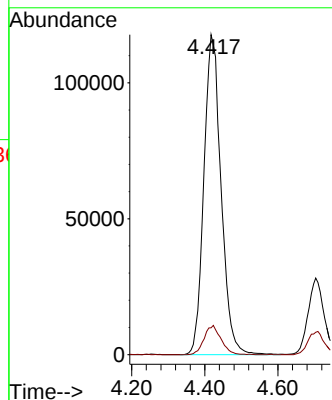
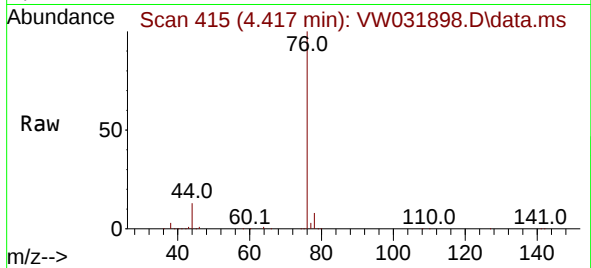




#17
Carbon Disulfide
Concen: 49.063 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

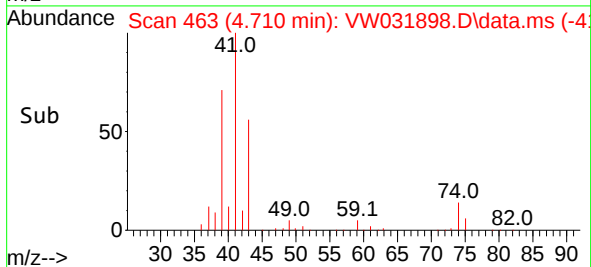
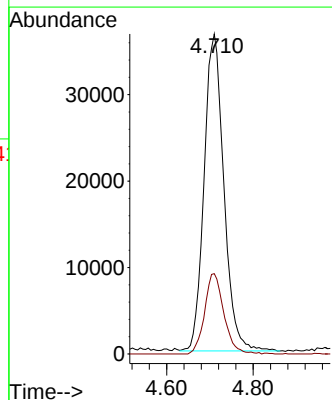
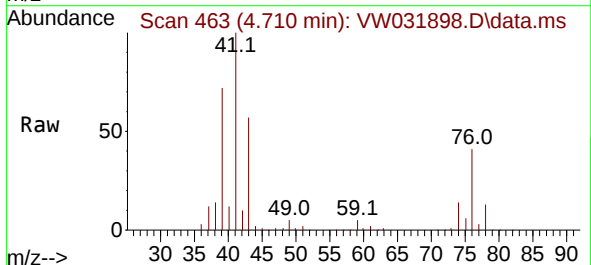
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

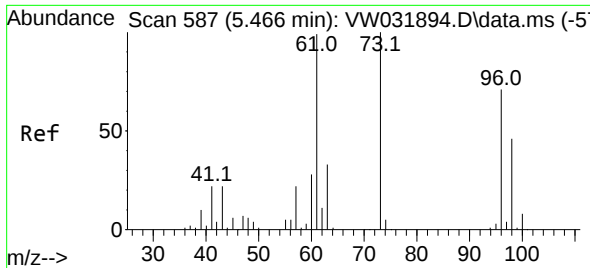
Tgt Ion: 76 Resp: 383835
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 51.889 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 43 Resp: 116092
Ion Ratio Lower Upper
43 100
74 24.7 20.6 31.0

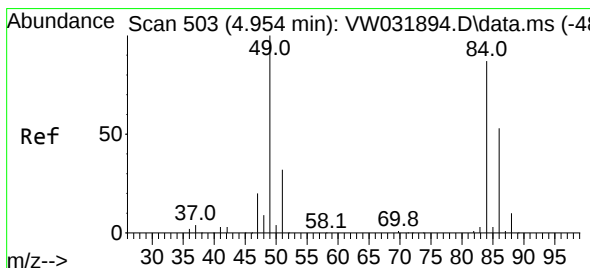
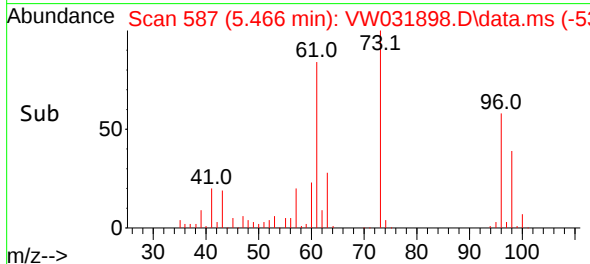
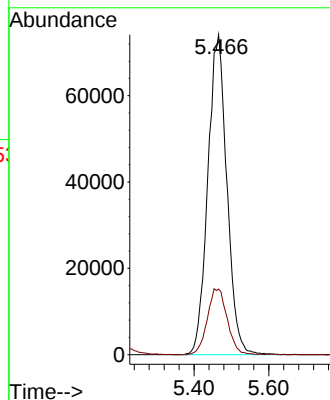
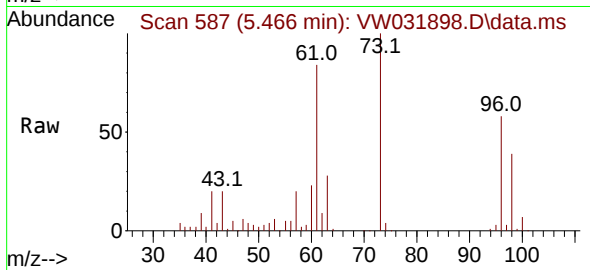




#19
Methyl tert-butyl Ether
Concen: 50.308 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

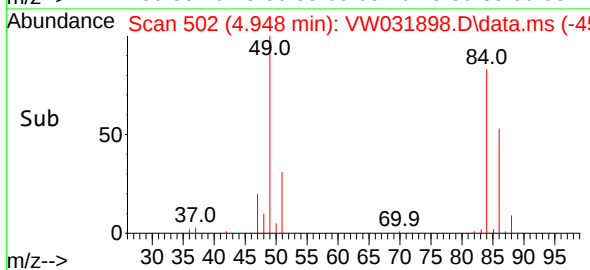
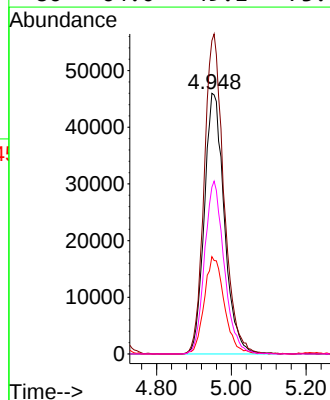
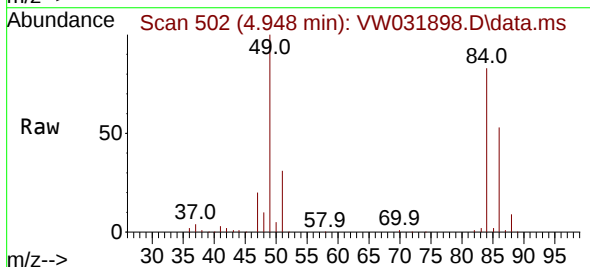
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

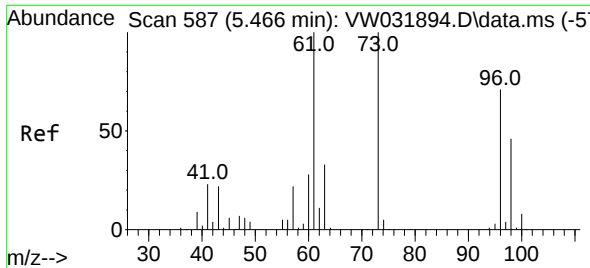
Tgt Ion: 73 Resp: 262205
Ion Ratio Lower Upper
73 100
57 20.5 17.5 26.3



#20
Methylene Chloride
Concen: 49.004 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 84 Resp: 170521
Ion Ratio Lower Upper
84 100
49 120.2 91.9 137.9
51 37.4 29.0 43.6
86 64.0 49.1 73.7

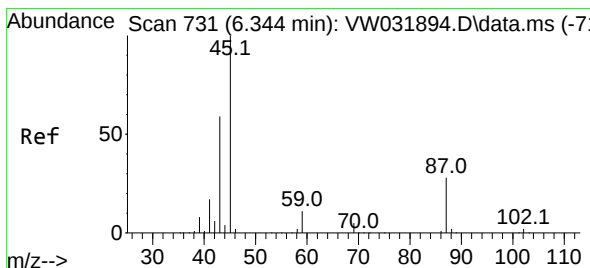
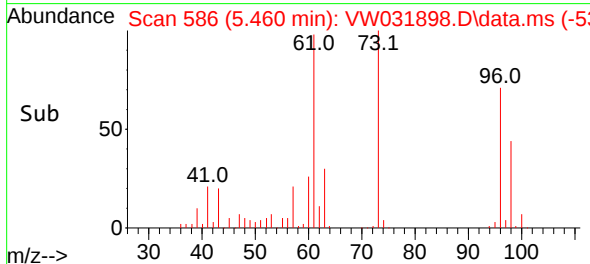
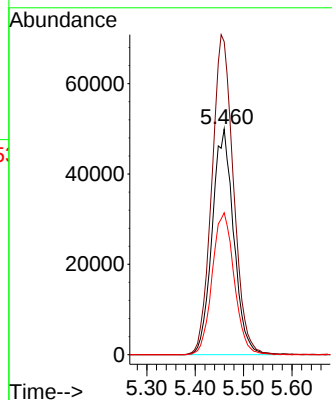
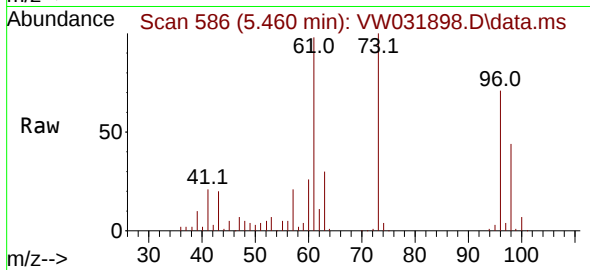




#21
trans-1,2-Dichloroethene
Concen: 48.220 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

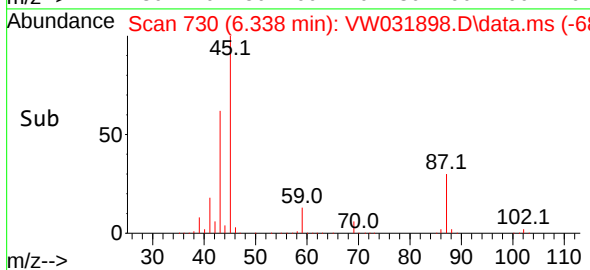
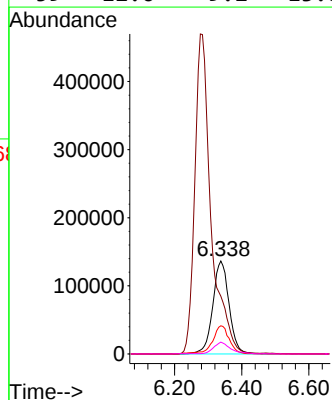
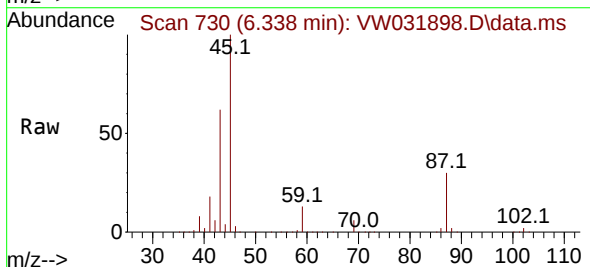
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

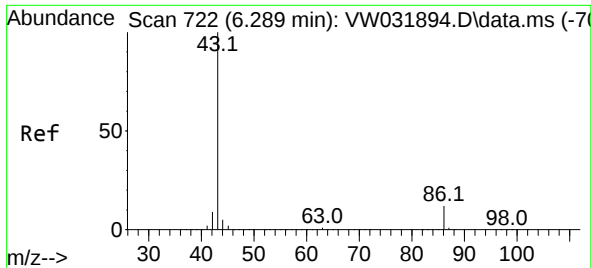
Tgt Ion: 96 Resp: 154329
Ion Ratio Lower Upper
96 100
61 138.6 112.8 169.2
98 62.9 51.9 77.9



#22
Diisopropyl ether
Concen: 48.814 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 45 Resp: 458677
Ion Ratio Lower Upper
45 100
43 61.9 47.0 70.6
87 30.2 22.8 34.2
59 12.6 9.2 13.8

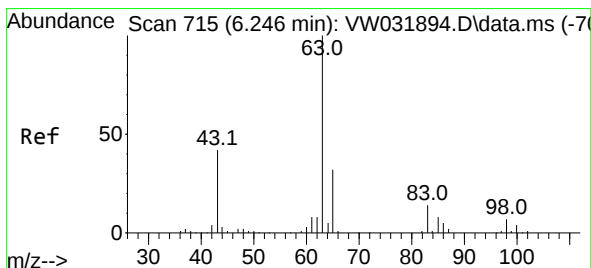
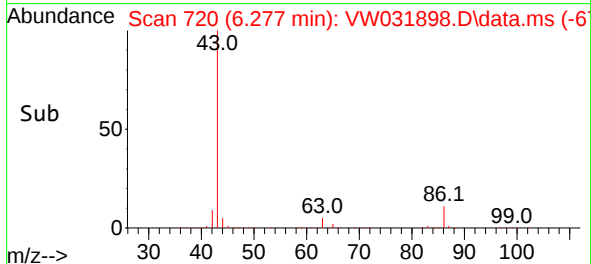
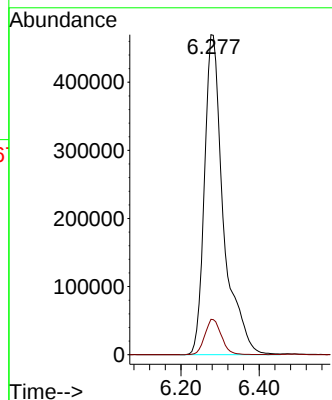
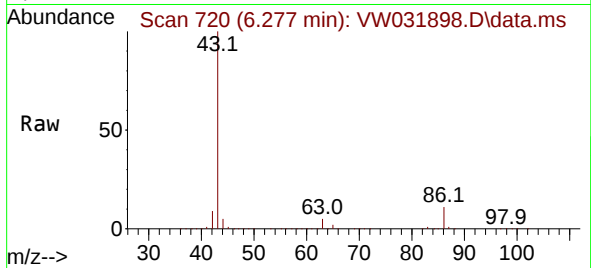




#23
 Vinyl Acetate
 Concen: 257.536 ug/l
 RT: 6.277 min Scan# 720
 Delta R.T. -0.012 min
 Lab File: VW031898.D
 Acq: 22 Jul 2025 14:47

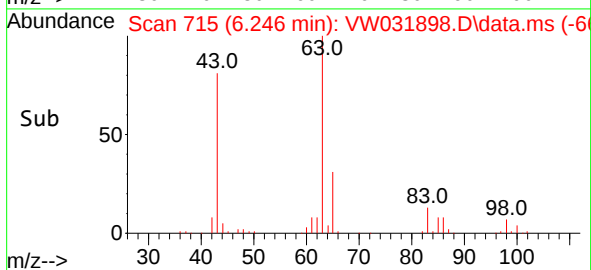
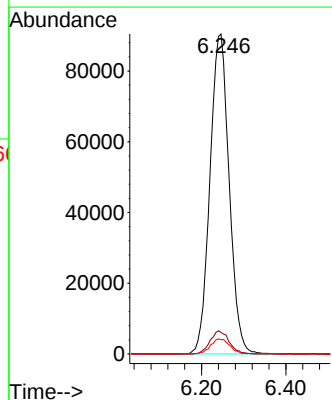
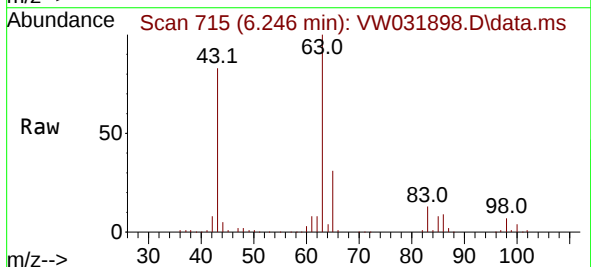
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW072225

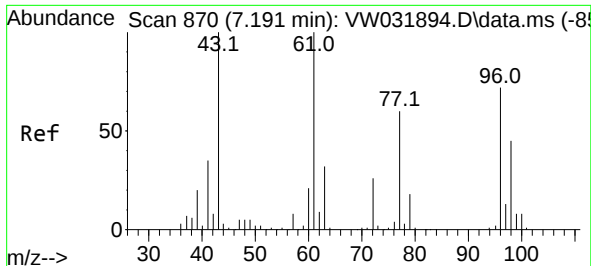
Tgt Ion: 43 Resp: 1580961
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 48.848 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031898.D
 Acq: 22 Jul 2025 14:47

Tgt Ion: 63 Resp: 285778
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.5 2.2 6.6

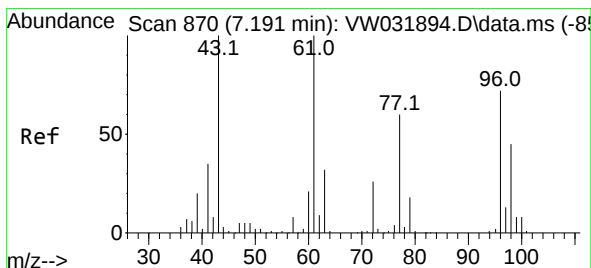
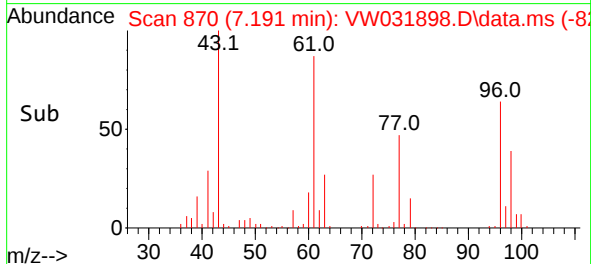
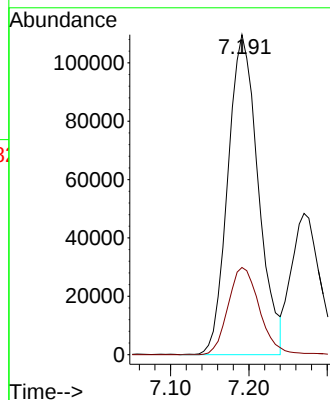
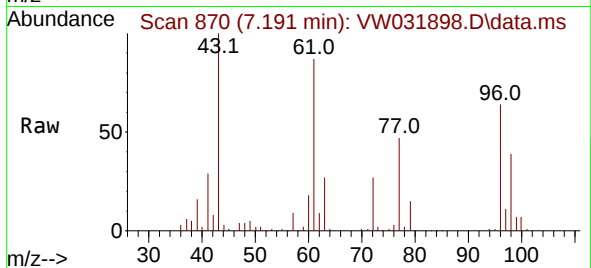




#25
2-Butanone
Concen: 266.207 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

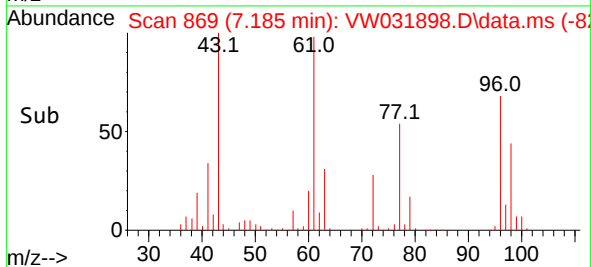
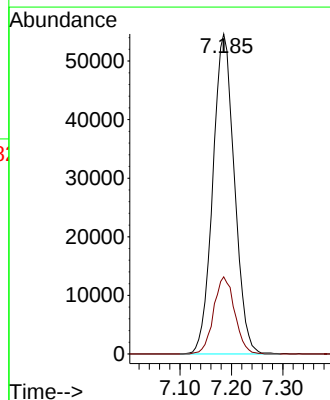
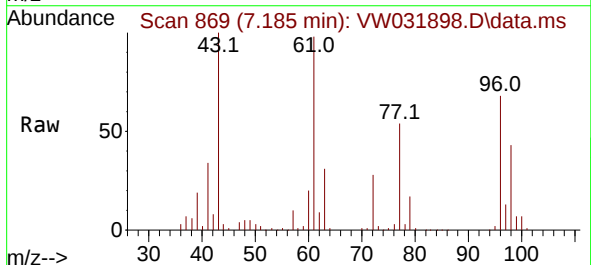
Instrument :
MSVOA_W
ClientSampleId :
ICVVW072225

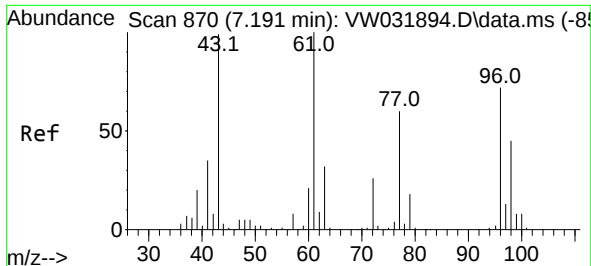
Tgt Ion: 43 Resp: 295784
Ion Ratio Lower Upper
43 100
72 27.3 20.8 31.2



#26
2,2-Dichloropropane
Concen: 48.135 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 77 Resp: 159426
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.747 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

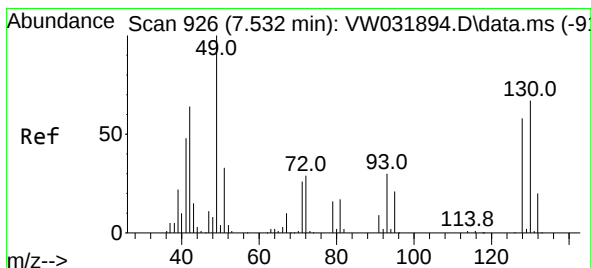
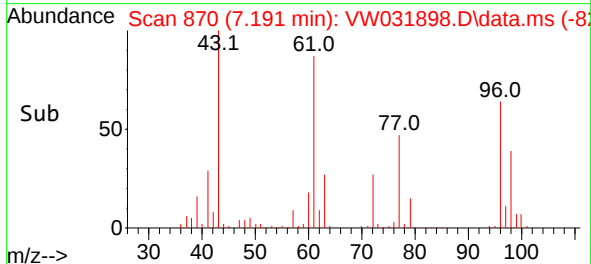
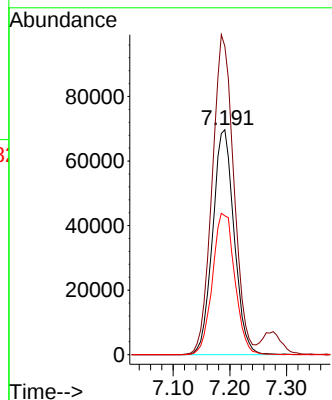
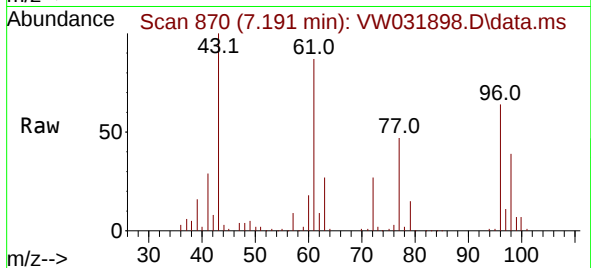
Tgt Ion: 96 Resp: 183416

Ion Ratio Lower Upper

96 100

61 143.6 0.0 280.2

98 65.5 0.0 126.8



#28

Bromochloromethane

Concen: 49.115 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

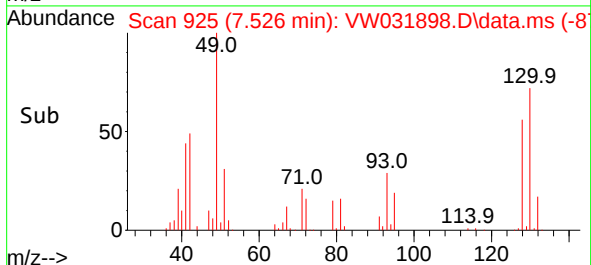
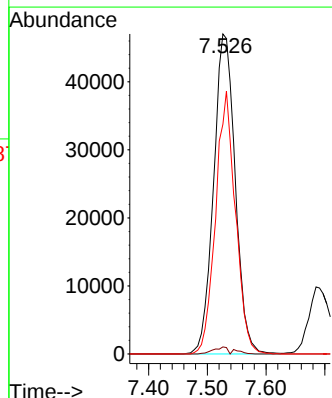
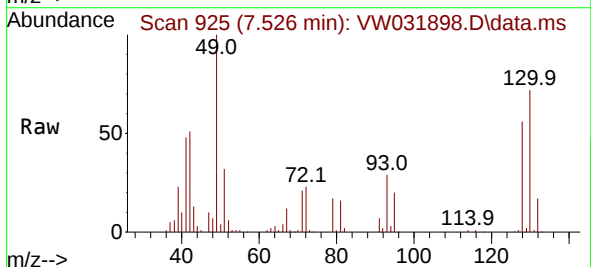
Tgt Ion: 49 Resp: 120307

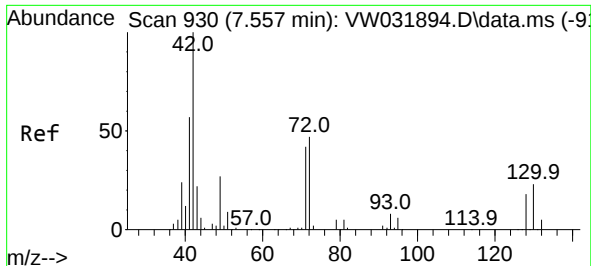
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.4

130 75.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 260.591 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

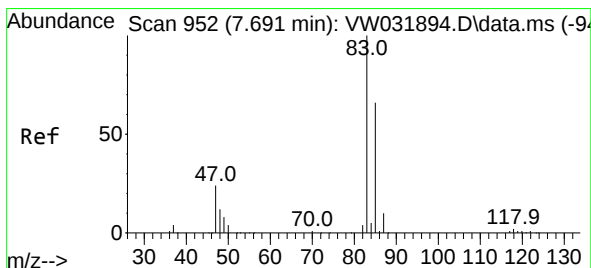
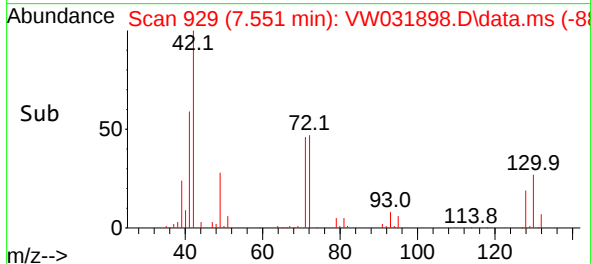
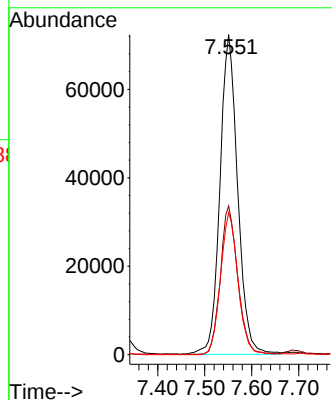
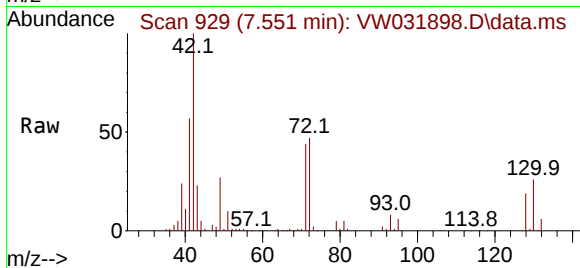
Tgt Ion: 42 Resp: 189833

Ion Ratio Lower Upper

42 100

72 45.2 37.0 55.6

71 43.7 34.5 51.7



#30

Chloroform

Concen: 49.755 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031898.D

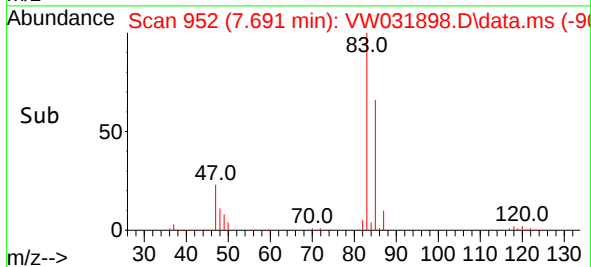
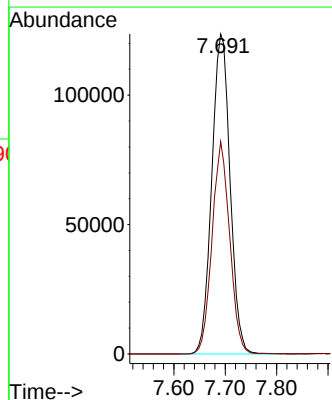
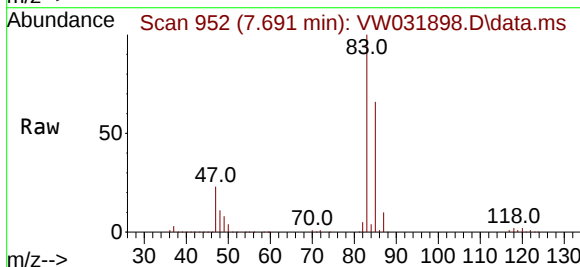
Acq: 22 Jul 2025 14:47

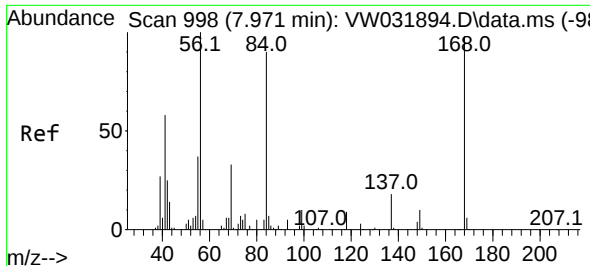
Tgt Ion: 83 Resp: 305201

Ion Ratio Lower Upper

83 100

85 66.4 52.6 78.8

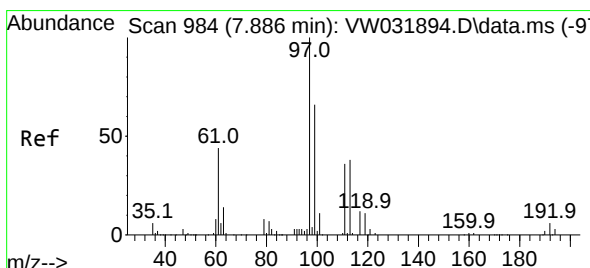
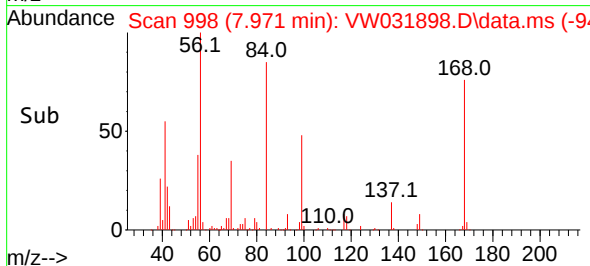
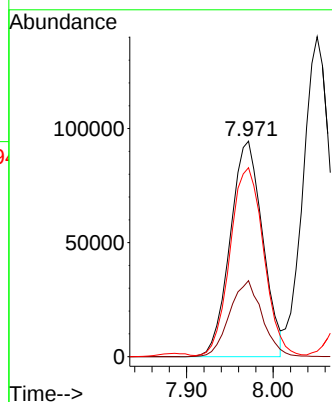
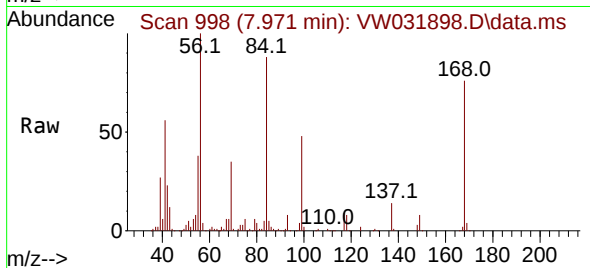




#31
Cyclohexane
Concen: 46.897 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

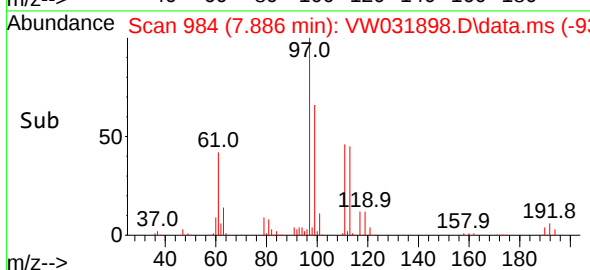
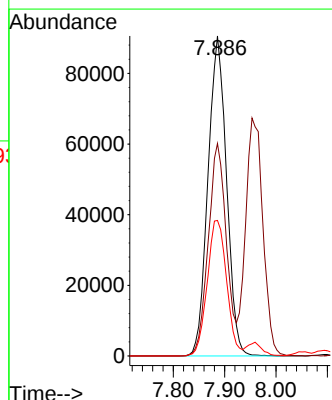
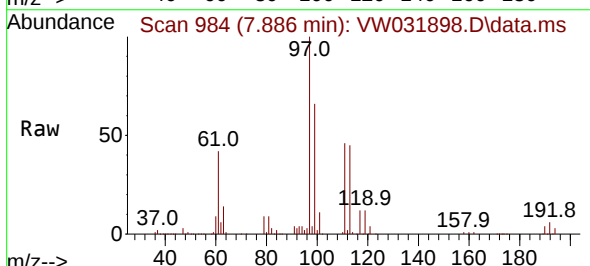
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

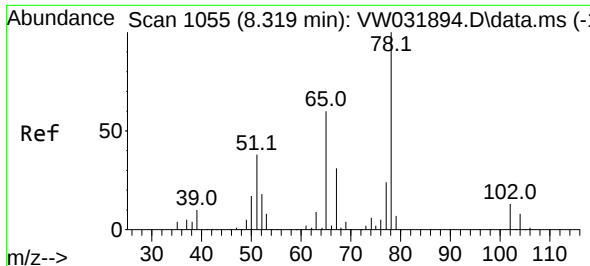
Tgt Ion: 56 Resp: 246141
Ion Ratio Lower Upper
56 100
69 35.2 26.7 40.1
84 86.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.687 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 97 Resp: 227258
Ion Ratio Lower Upper
97 100
99 64.8 53.0 79.4
61 44.3 35.4 53.0

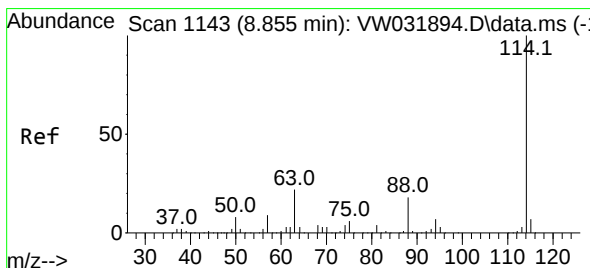
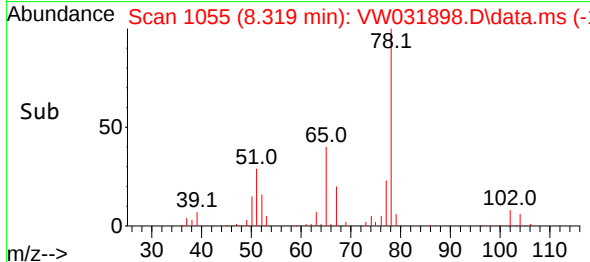
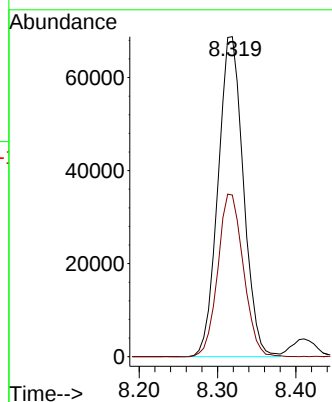
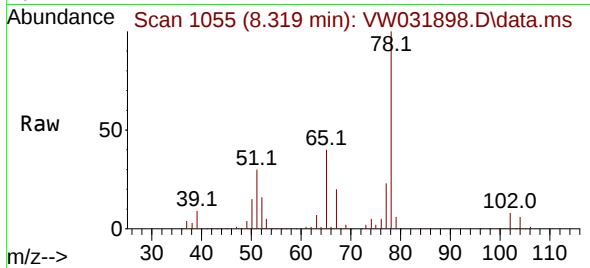




#33
 1,2-Dichloroethane-d4
 Concen: 45.275 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031898.D
 Acq: 22 Jul 2025 14:47

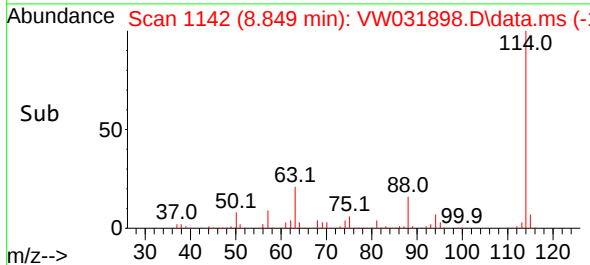
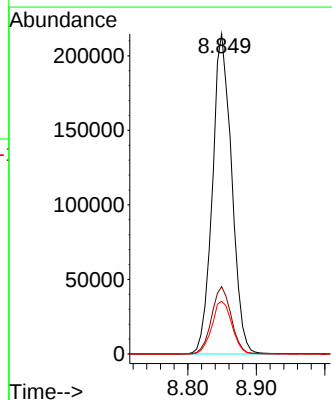
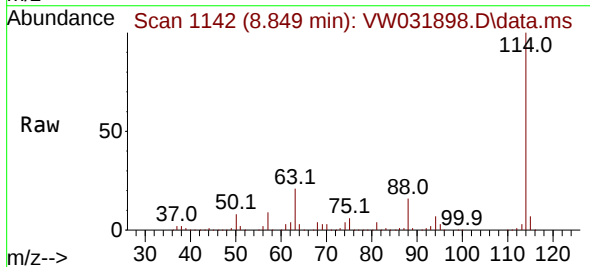
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW072225

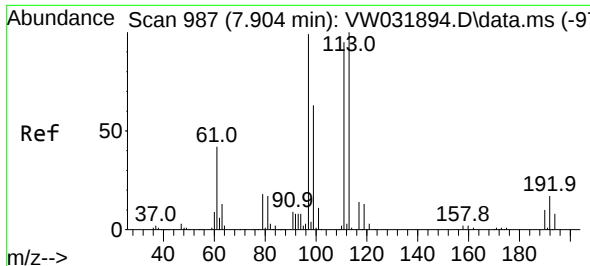
Tgt Ion: 65 Resp: 154942
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031898.D
 Acq: 22 Jul 2025 14:47

Tgt Ion: 114 Resp: 417980
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.2
 88 16.5 0.0 35.6

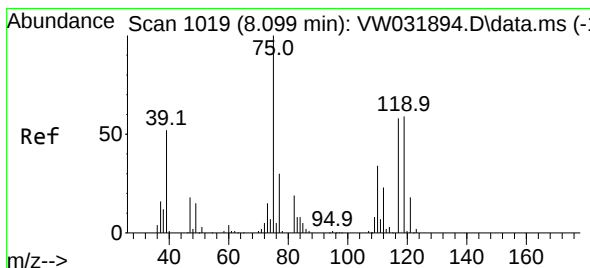
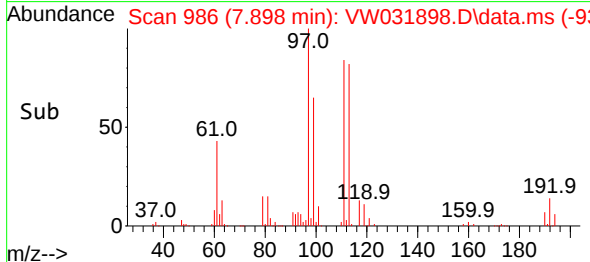
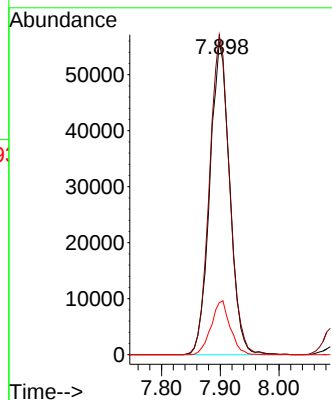
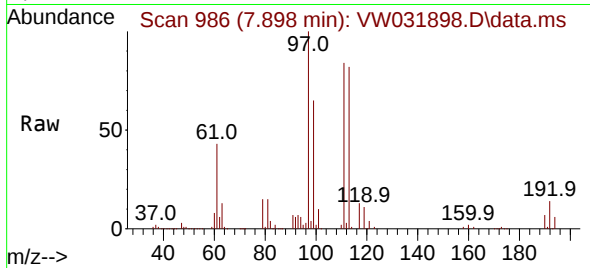




#35
 Dibromofluoromethane
 Concen: 46.294 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031898.D
 Acq: 22 Jul 2025 14:47

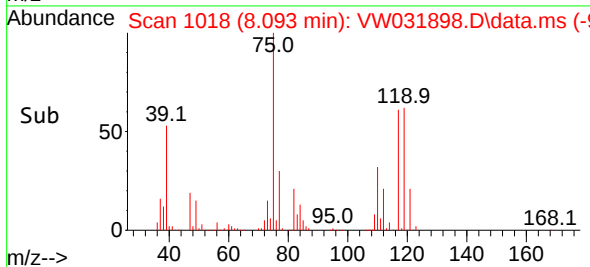
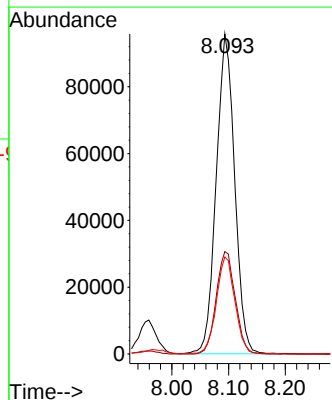
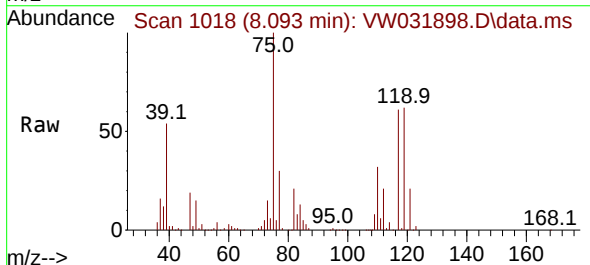
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW072225

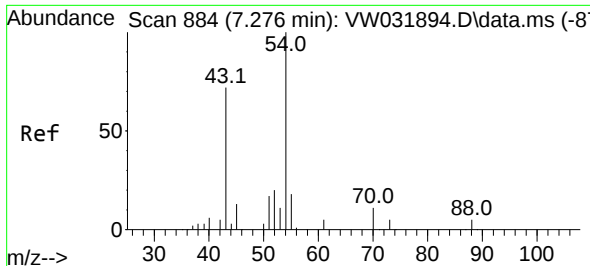
Tgt Ion:113 Resp: 131485
 Ion Ratio Lower Upper
 113 100
 111 103.0 79.9 119.9
 192 16.4 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 49.596 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW031898.D
 Acq: 22 Jul 2025 14:47

Tgt Ion: 75 Resp: 216329
 Ion Ratio Lower Upper
 75 100
 110 32.9 17.0 50.9
 77 30.7 25.1 37.7

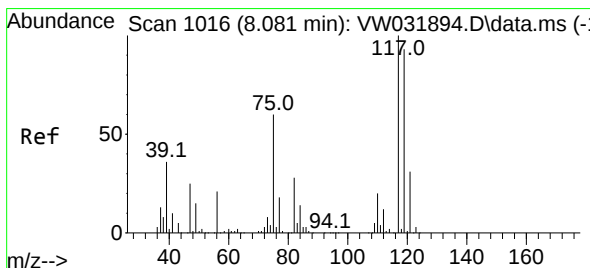
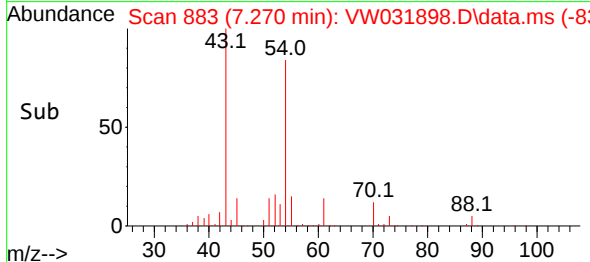
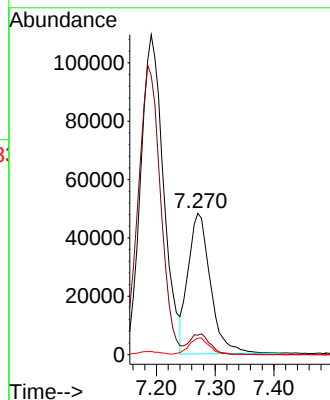
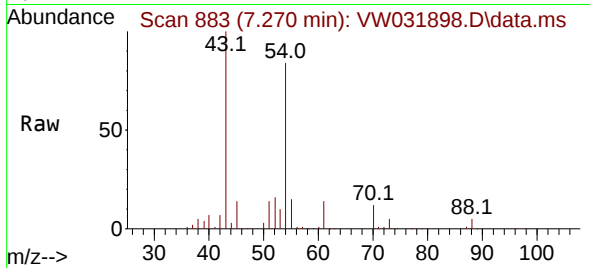




#37
Ethyl Acetate
Concen: 50.911 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

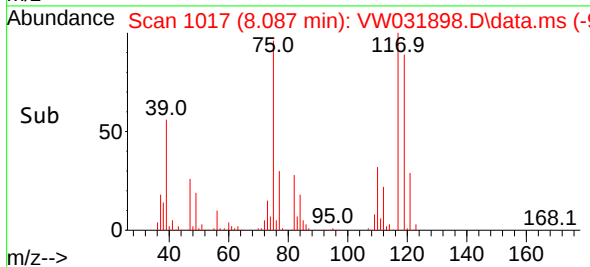
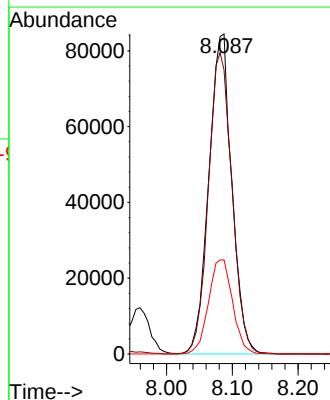
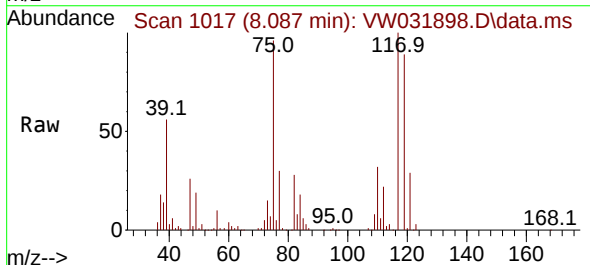
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

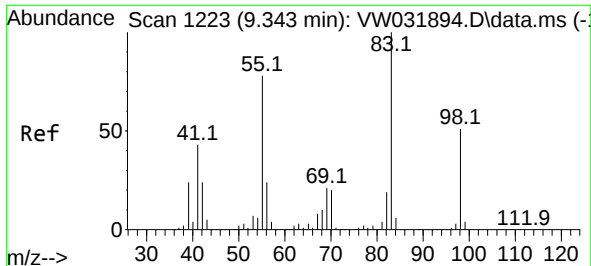
Tgt Ion: 43 Resp: 126677
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 10.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 49.141 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 117 Resp: 205709
Ion Ratio Lower Upper
117 100
119 88.8 74.3 111.5
121 29.4 24.6 37.0





#39

Methylcyclohexane

Concen: 50.909 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

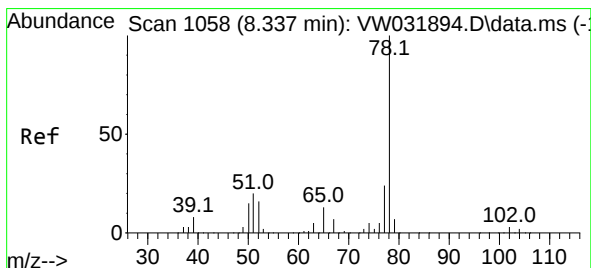
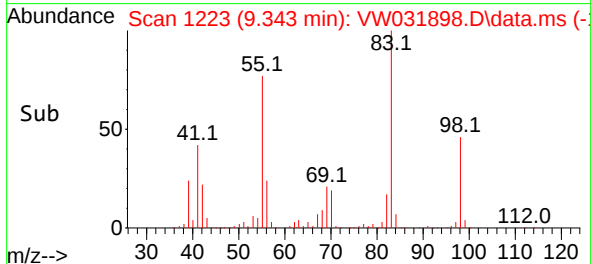
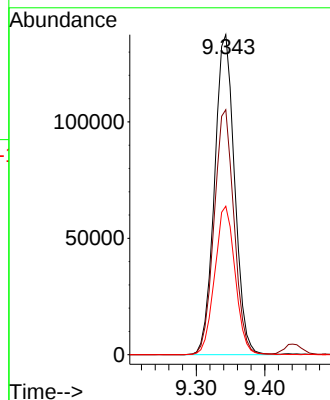
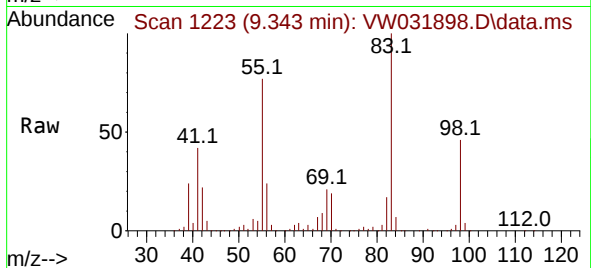
Tgt Ion: 83 Resp: 279446

Ion Ratio Lower Upper

83 100

55 76.5 62.5 93.7

98 46.4 40.6 61.0



#40

Benzene

Concen: 49.422 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031898.D

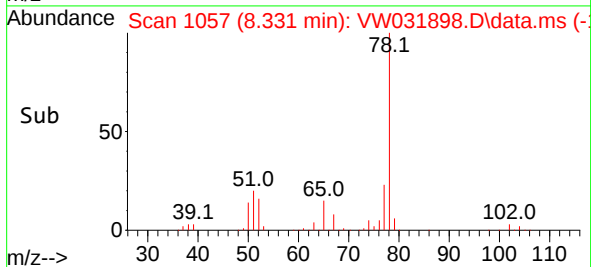
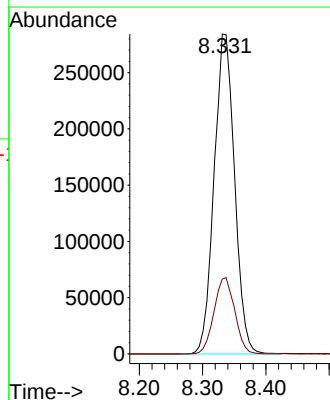
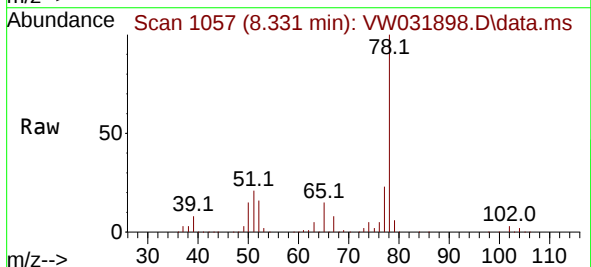
Acq: 22 Jul 2025 14:47

Tgt Ion: 78 Resp: 638121

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

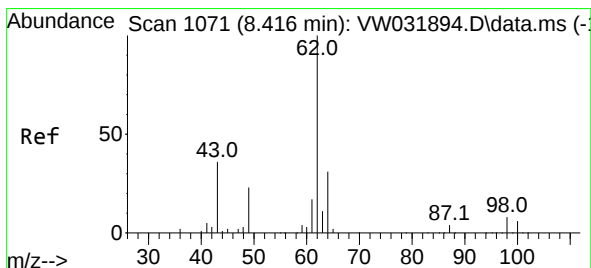
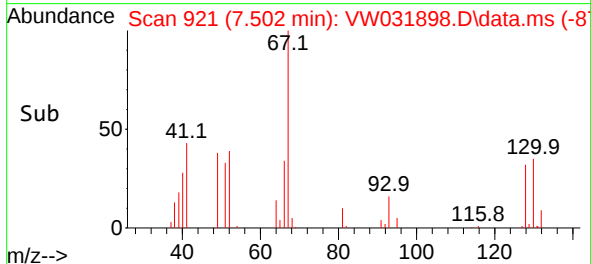
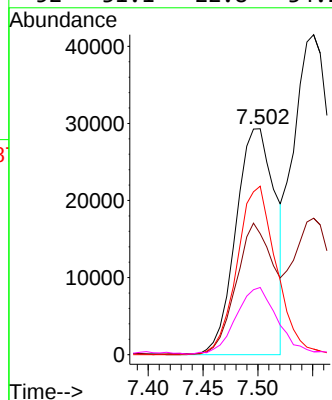
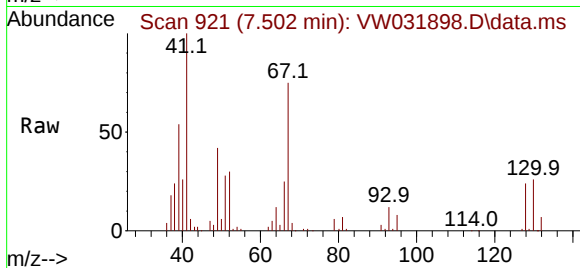




#41
Methacrylonitrile
Concen: 49.252 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

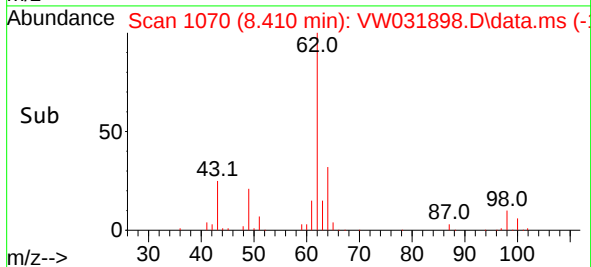
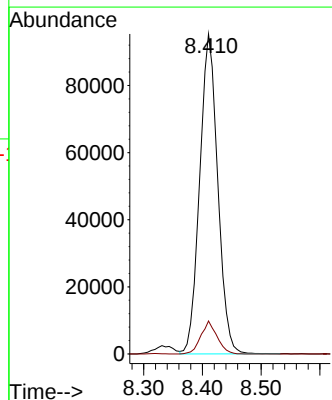
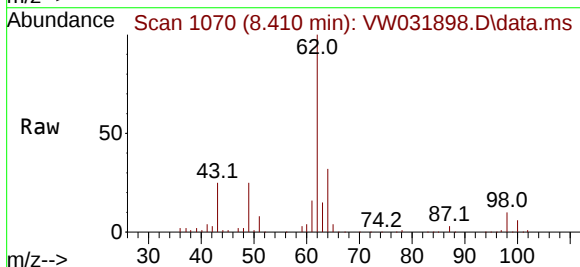
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

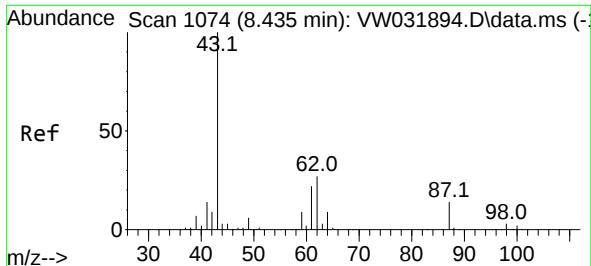
Tgt Ion:	41	Resp:	73360
Ion	Ratio	Lower	Upper
41	100		
39	54.9	41.1	61.7
67	74.6	56.2	84.4
52	31.1	22.8	34.2



#42
1,2-Dichloroethane
Concen: 49.242 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion:	62	Resp:	203485
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

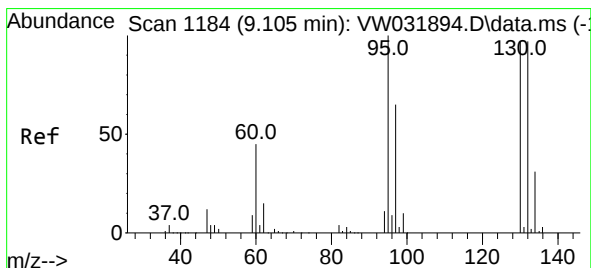
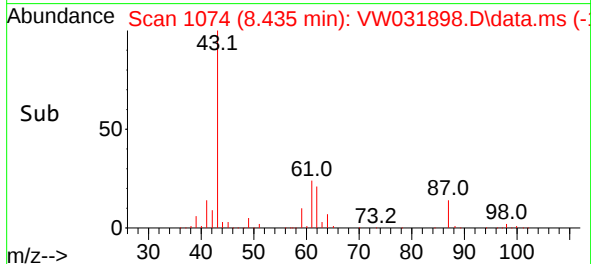
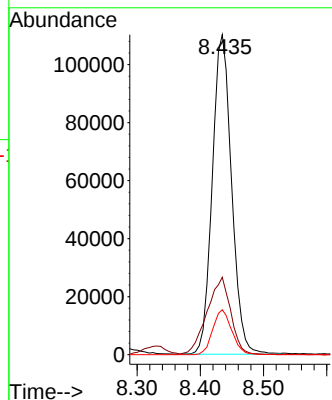
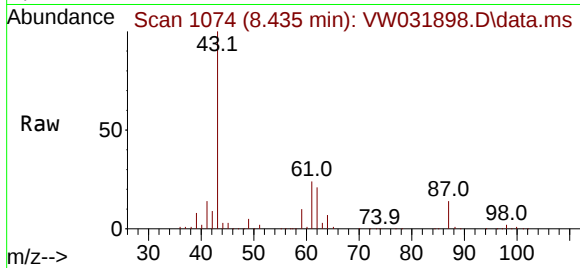




#43
Isopropyl Acetate
Concen: 51.748 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

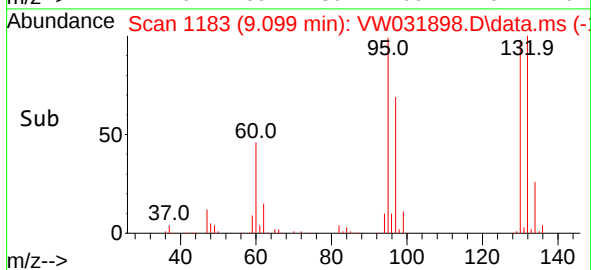
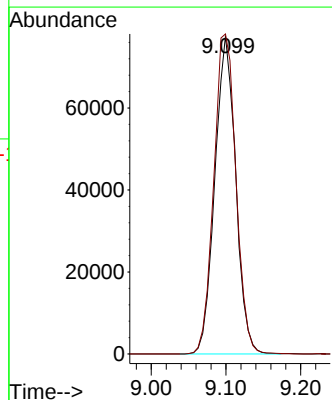
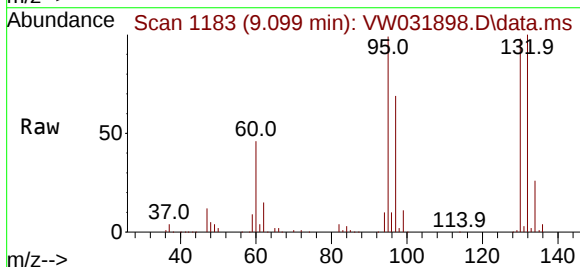
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

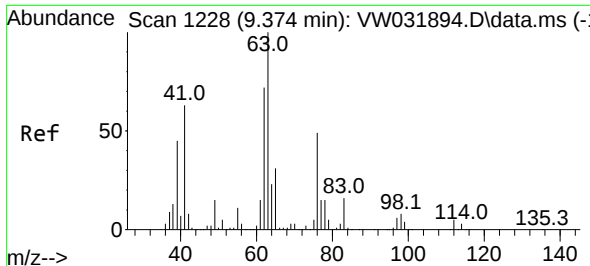
Tgt Ion: 43 Resp: 233100
Ion Ratio Lower Upper
43 100
61 29.7 24.0 36.0
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 48.996 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion:130 Resp: 150370
Ion Ratio Lower Upper
130 100
95 100.5 0.0 206.4





#45

1,2-Dichloropropane

Concen: 48.855 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

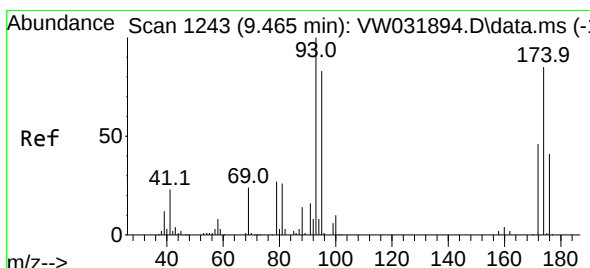
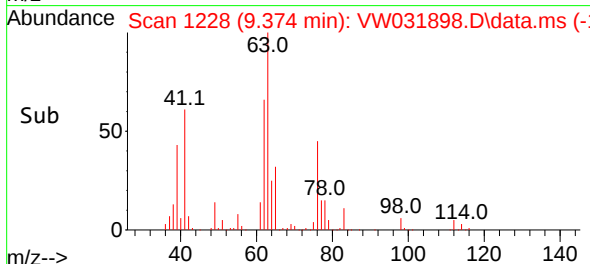
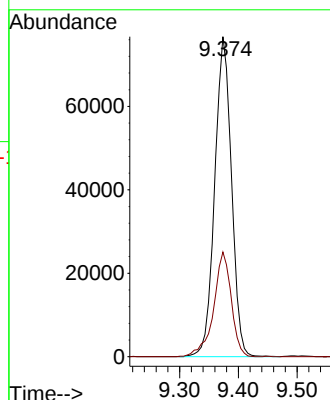
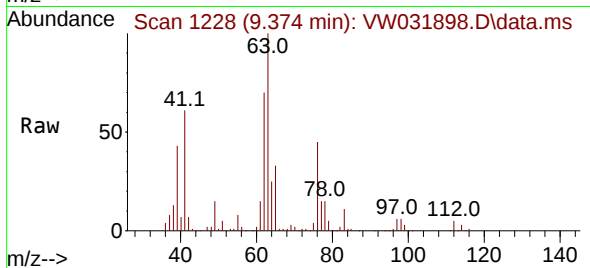
ICVW072225

Tgt Ion: 63 Resp: 151921

Ion Ratio Lower Upper

63 100

65 32.7 25.0 37.4



#46

Dibromomethane

Concen: 49.959 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

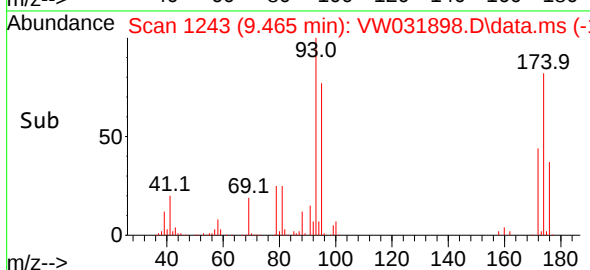
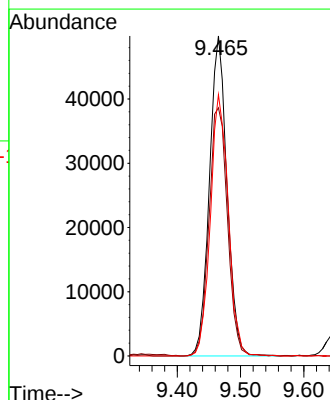
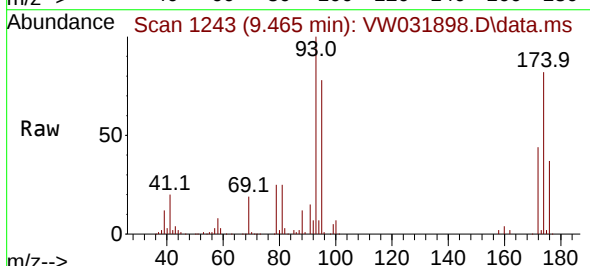
Tgt Ion: 93 Resp: 96302

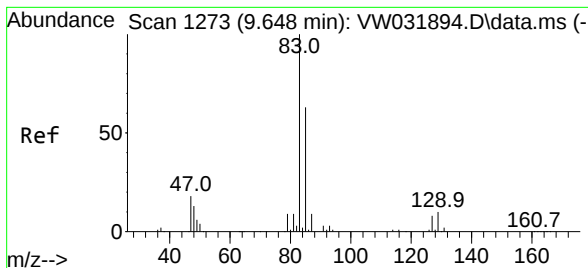
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.6

174 82.8 70.2 105.2





#47

Bromodichloromethane

Concen: 50.465 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

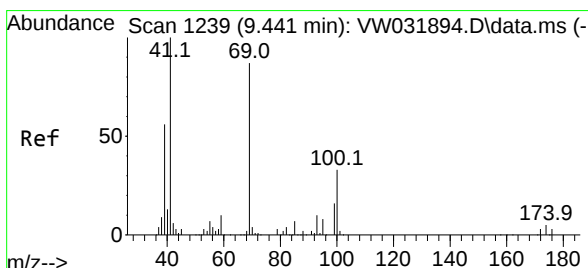
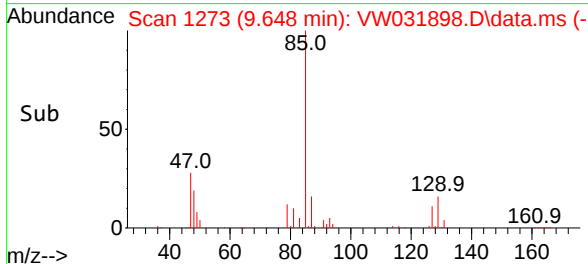
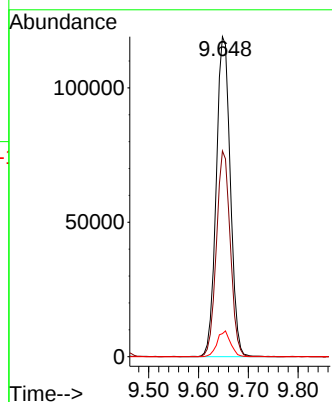
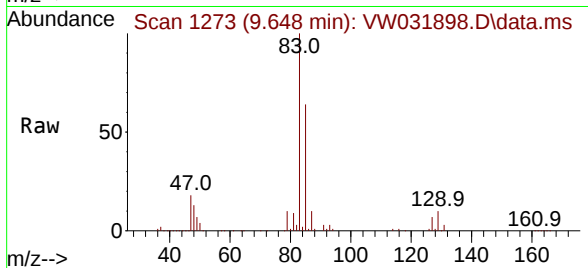
Tgt Ion: 83 Resp: 233260

Ion Ratio Lower Upper

83 100

85 64.3 50.6 76.0

127 7.2 6.5 9.7



#48

Methyl methacrylate

Concen: 52.150 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

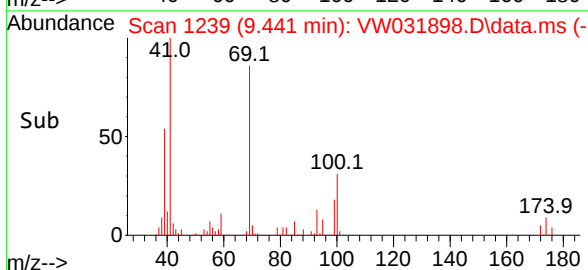
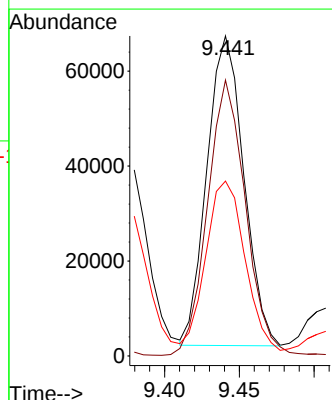
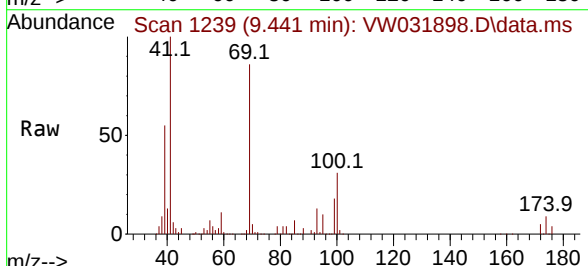
Tgt Ion: 41 Resp: 111759

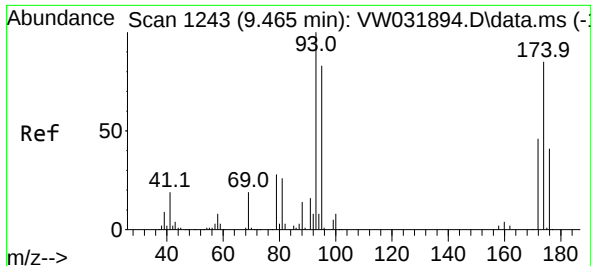
Ion Ratio Lower Upper

41 100

69 92.4 73.6 110.4

39 57.4 45.5 68.3





#49

1,4-Dioxane

Concen: 1044.021 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

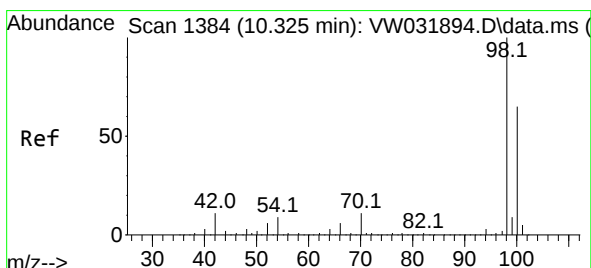
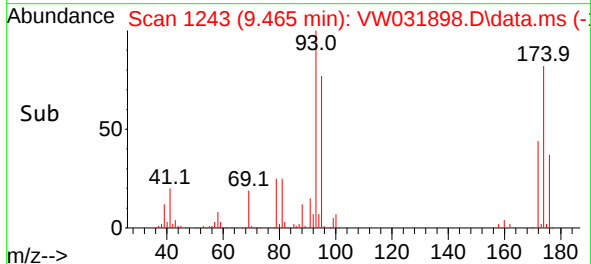
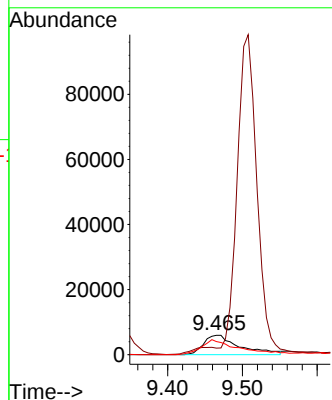
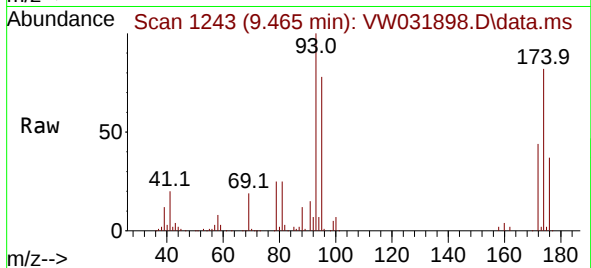
Tgt Ion: 88 Resp: 20081

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 80.8 58.2 87.2



#50

Toluene-d8

Concen: 46.131 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031898.D

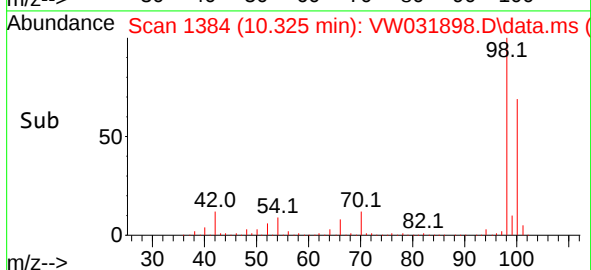
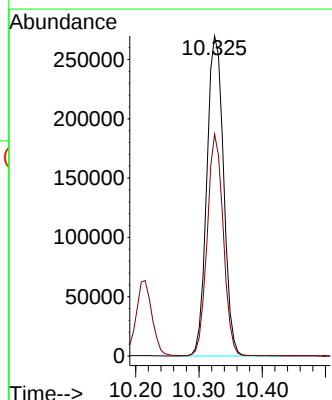
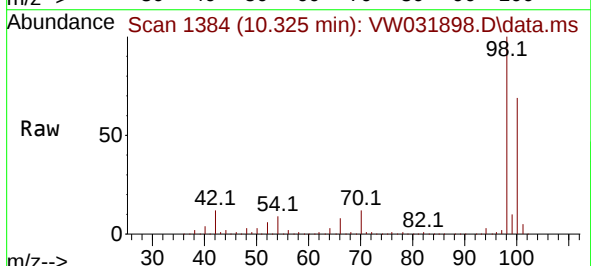
Acq: 22 Jul 2025 14:47

Tgt Ion: 98 Resp: 495878

Ion Ratio Lower Upper

98 100

100 66.7 51.7 77.5

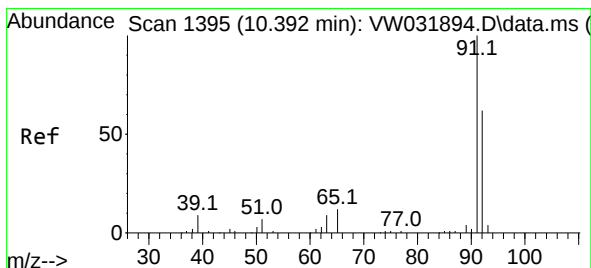
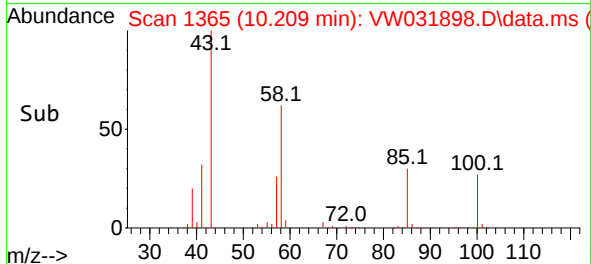
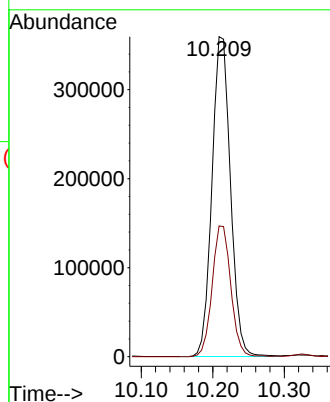
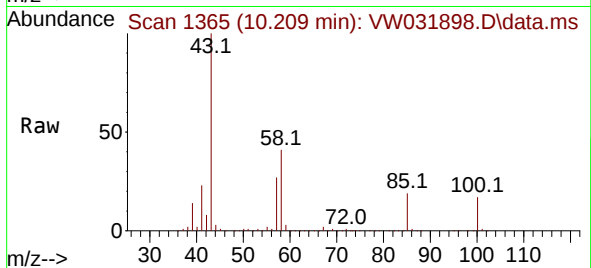




#51
4-Methyl-2-Pentanone
Concen: 262.159 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

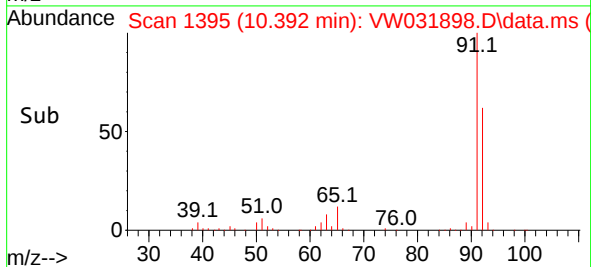
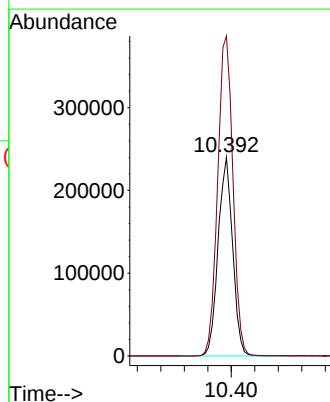
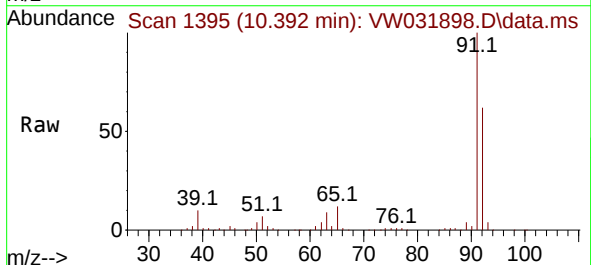
Instrument :
MSVOA_W
ClientSampleId :
ICVVW072225

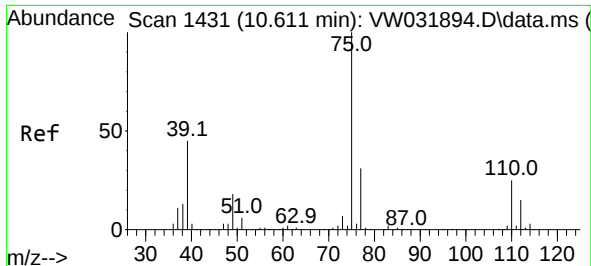
Tgt Ion: 43 Resp: 646271
Ion Ratio Lower Upper
43 100
58 41.2 32.8 49.2



#52
Toluene
Concen: 49.520 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 92 Resp: 411023
Ion Ratio Lower Upper
92 100
91 169.2 133.7 200.5

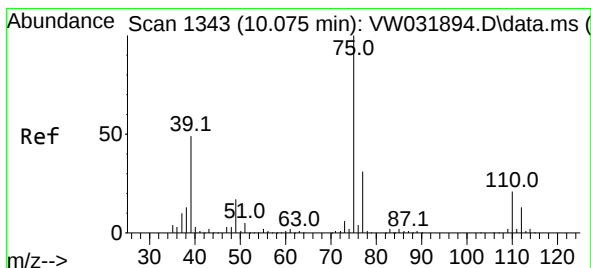
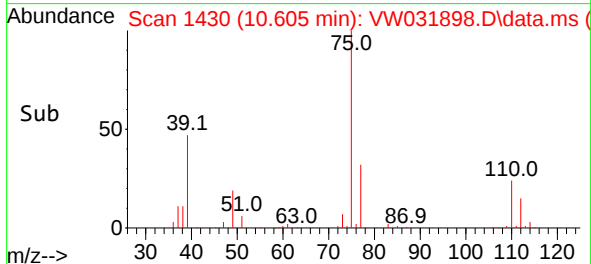
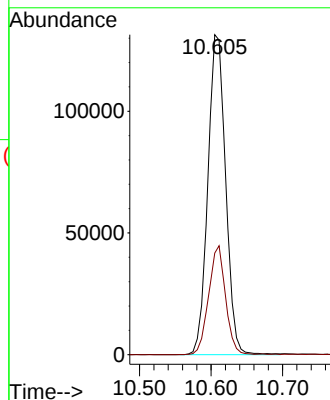
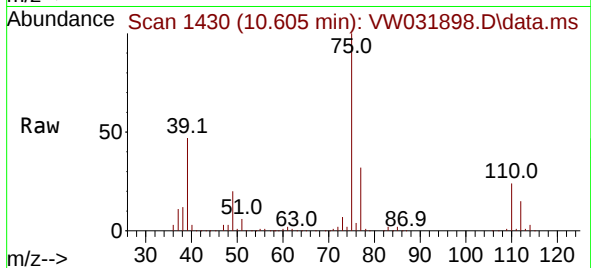




#53
t-1,3-Dichloropropene
Concen: 51.226 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

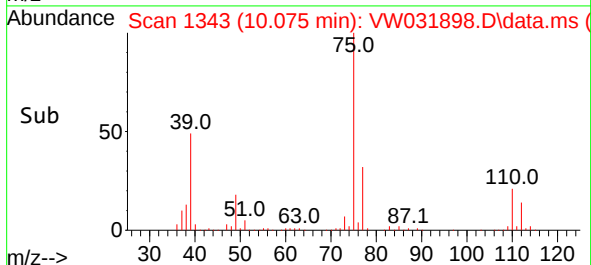
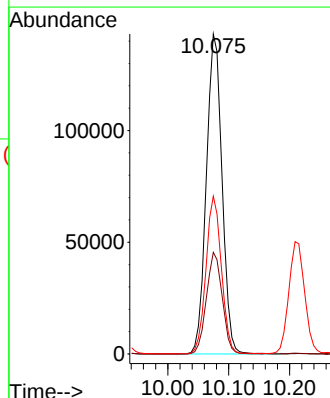
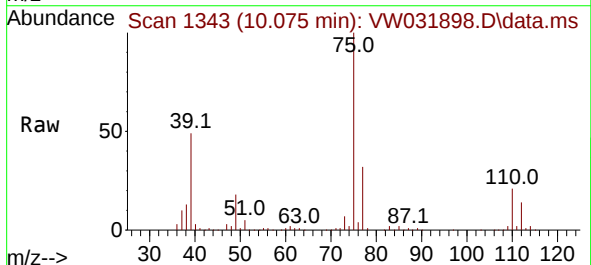
Instrument :
MSVOA_W
ClientSampleId :
ICVVW072225

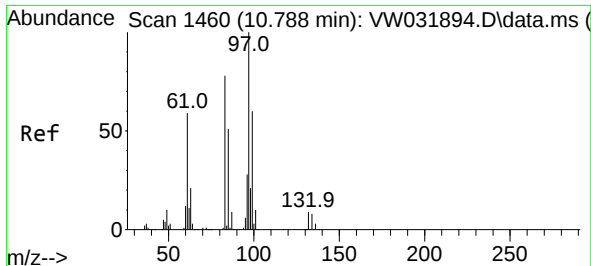
Tgt Ion: 75 Resp: 227133
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 50.715 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 75 Resp: 256794
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7
39 49.2 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 50.025 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

Tgt Ion: 97 Resp: 128088

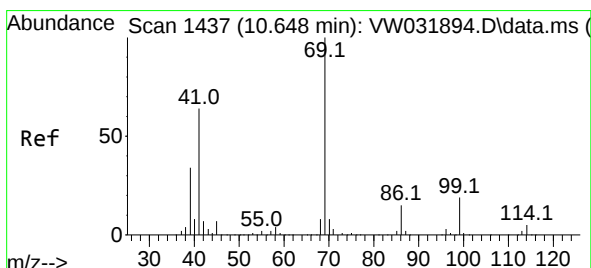
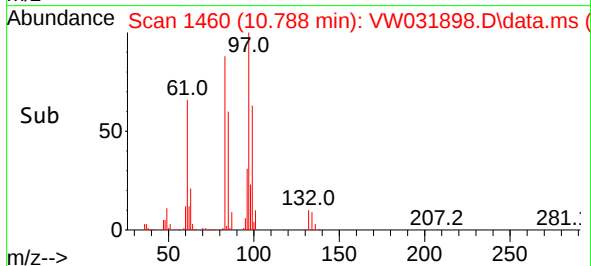
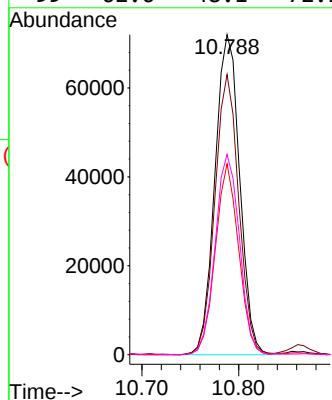
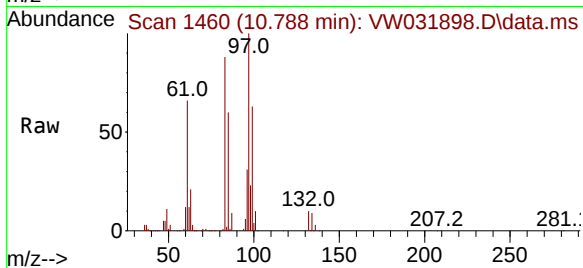
Ion Ratio Lower Upper

97 100

83 87.6 62.4 93.6

85 59.6 41.0 61.6

99 62.6 48.1 72.1



#56

Ethyl methacrylate

Concen: 52.748 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

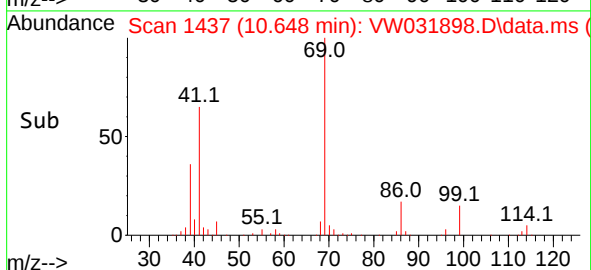
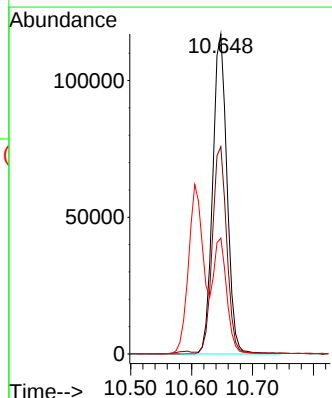
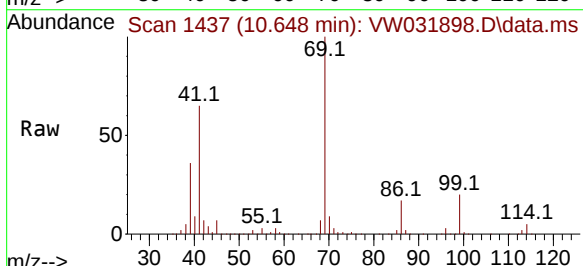
Tgt Ion: 69 Resp: 190747

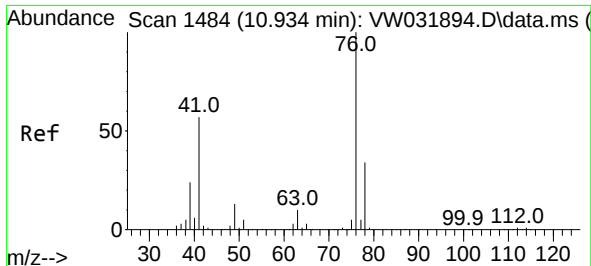
Ion Ratio Lower Upper

69 100

41 64.7 52.0 78.0

39 32.7 26.6 40.0





#57

1,3-Dichloropropane

Concen: 50.201 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

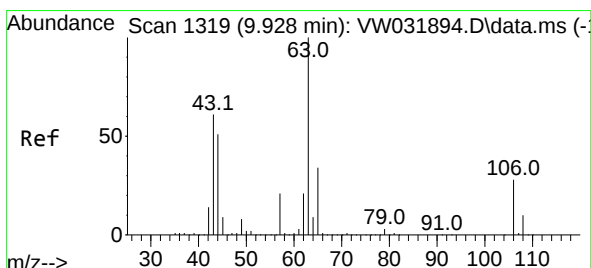
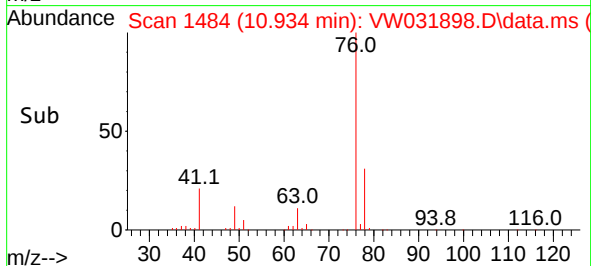
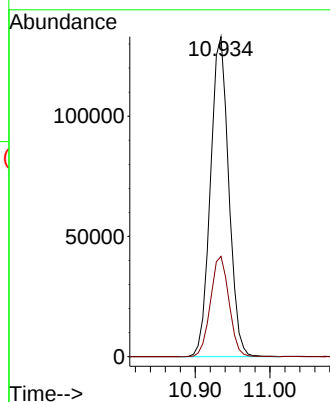
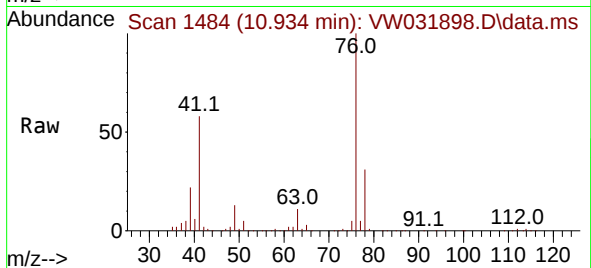
ICVVW072225

Tgt Ion: 76 Resp: 226448

Ion Ratio Lower Upper

76 100

78 31.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 266.689 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031898.D

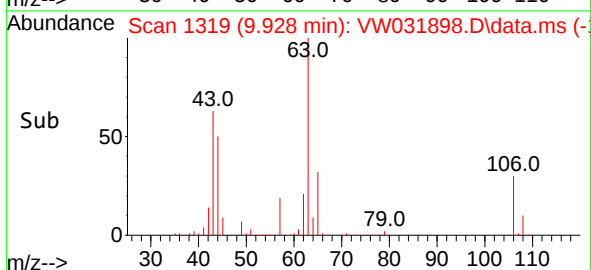
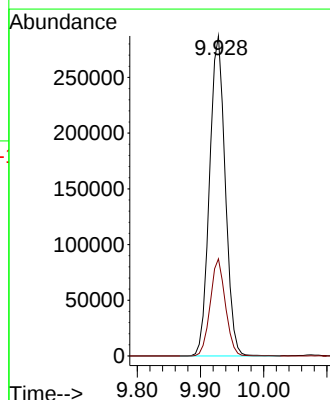
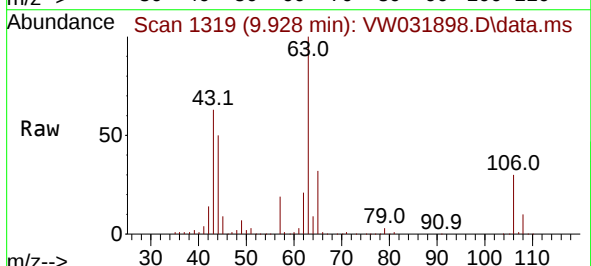
Acq: 22 Jul 2025 14:47

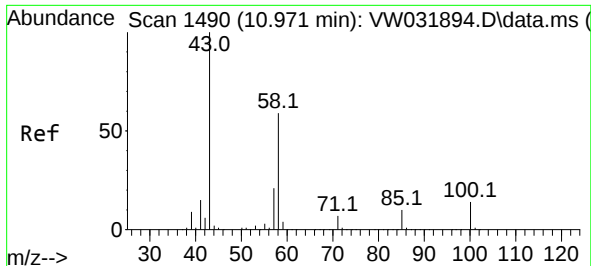
Tgt Ion: 63 Resp: 495366

Ion Ratio Lower Upper

63 100

106 29.2 22.7 34.1

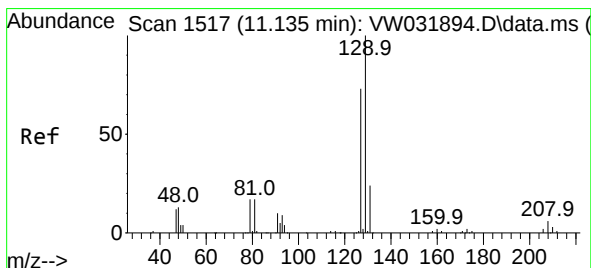
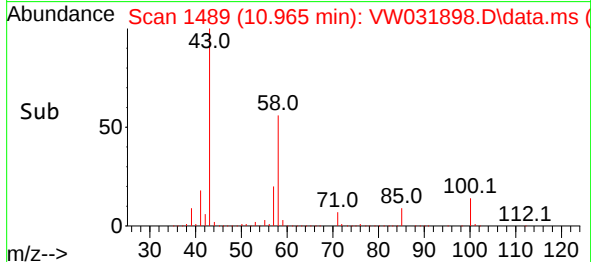
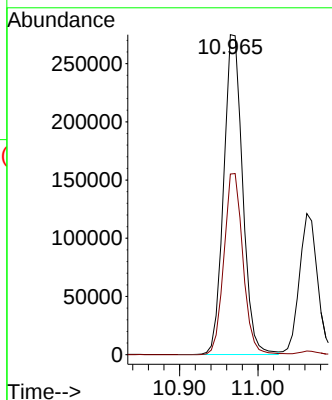
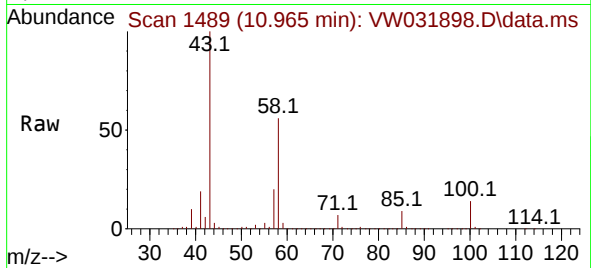




#59
2-Hexanone
Concen: 270.260 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

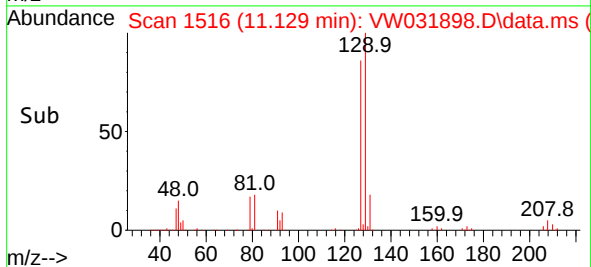
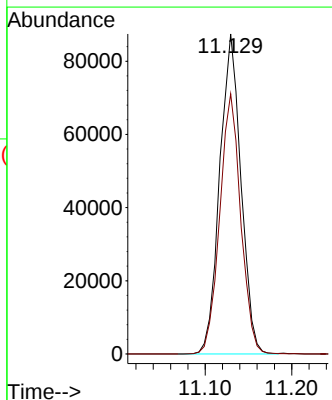
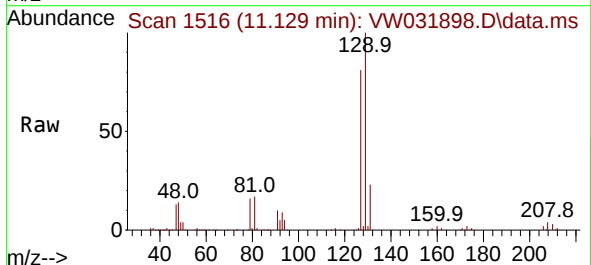
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

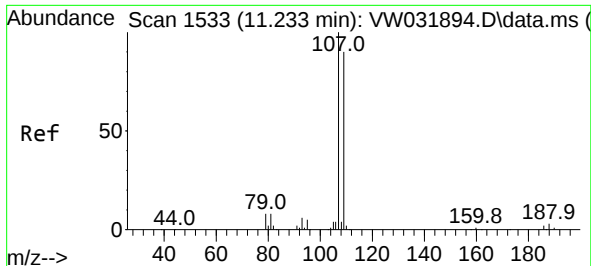
Tgt Ion: 43 Resp: 463102
Ion Ratio Lower Upper
43 100
58 56.8 28.5 85.6



#60
Dibromochloromethane
Concen: 49.816 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion:129 Resp: 148718
Ion Ratio Lower Upper
129 100
127 80.3 39.6 118.8

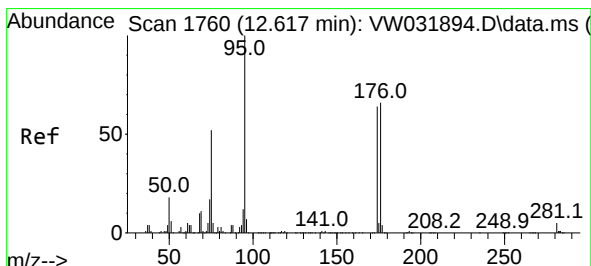
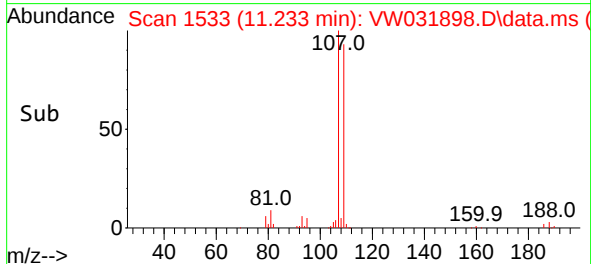
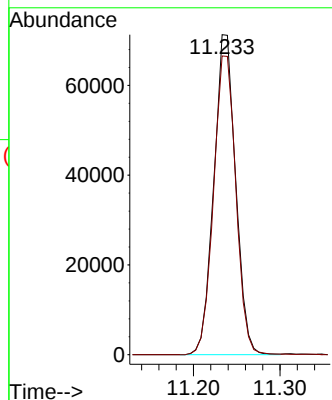
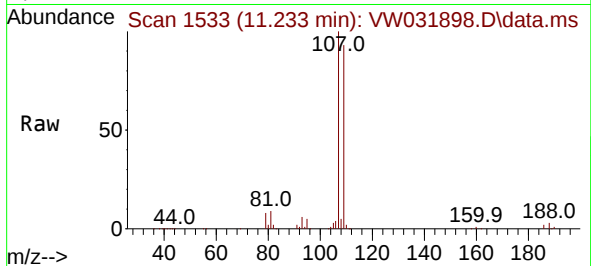




#61
1,2-Dibromoethane
Concen: 49.410 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

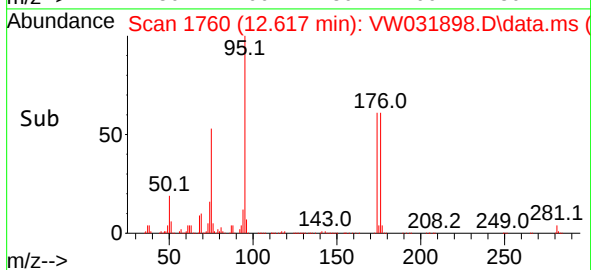
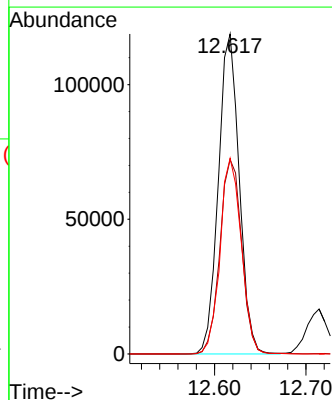
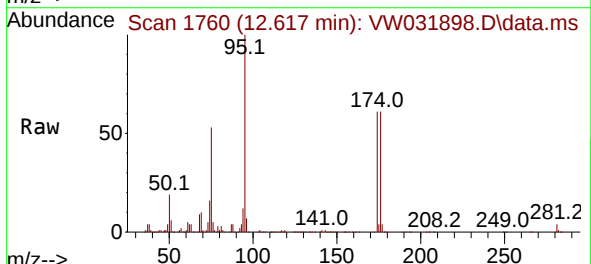
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

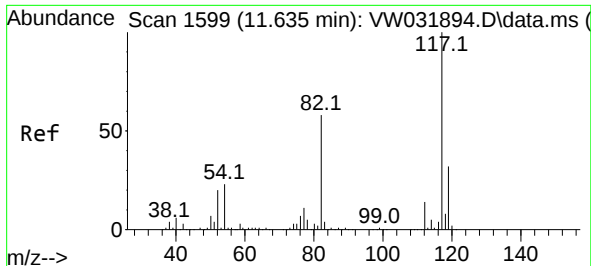
Tgt Ion:107 Resp: 125012
Ion Ratio Lower Upper
107 100
109 95.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 45.728 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 95 Resp: 188746
Ion Ratio Lower Upper
95 100
174 63.5 0.0 129.8
176 62.2 0.0 130.4

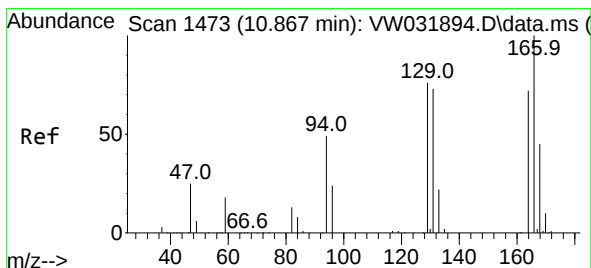
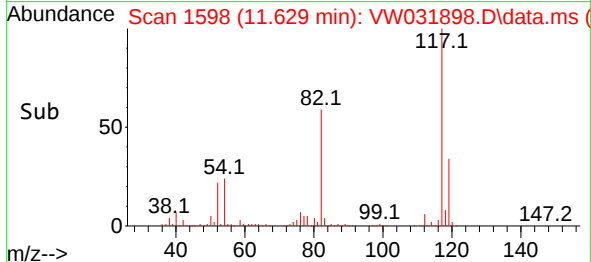
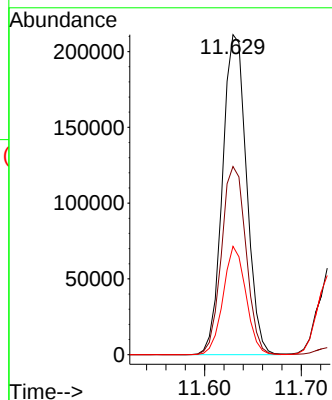
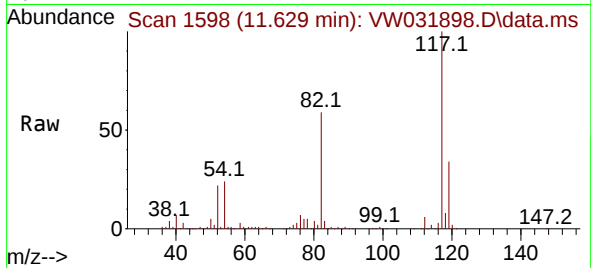




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

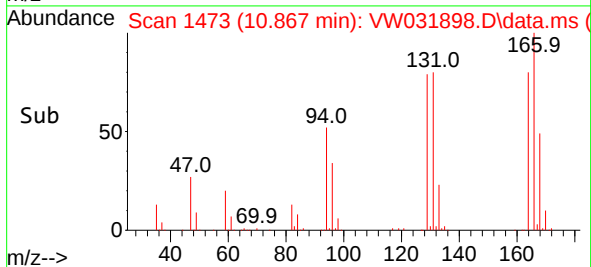
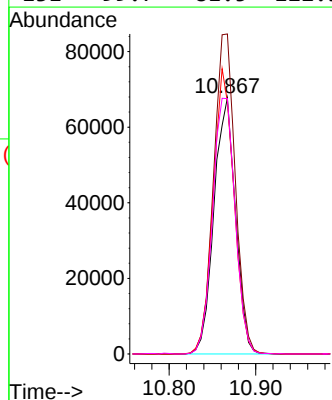
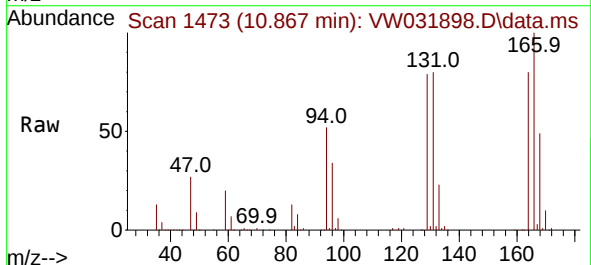
Instrument :
MSVOA_W
ClientSampleId :
ICVVW072225

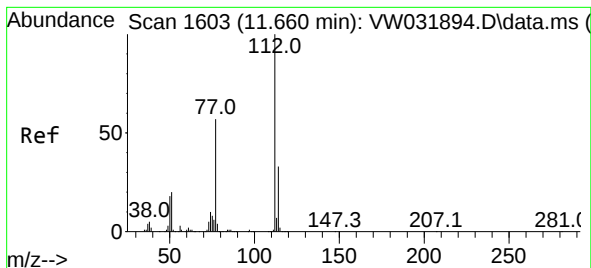
Tgt Ion:117 Resp: 364156
Ion Ratio Lower Upper
117 100
82 58.8 46.5 69.7
119 33.9 25.8 38.6



#64
Tetrachloroethene
Concen: 48.658 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion:164 Resp: 116825
Ion Ratio Lower Upper
164 100
166 124.9 111.5 167.3
129 98.4 85.1 127.7
131 99.7 81.5 122.3





#65

Chlorobenzene

Concen: 47.600 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

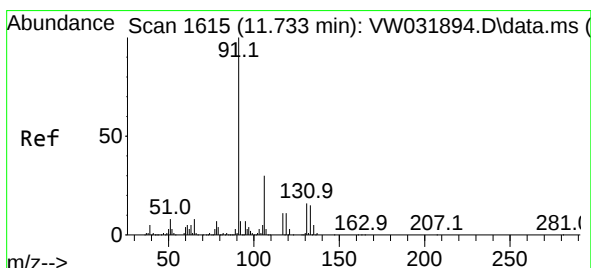
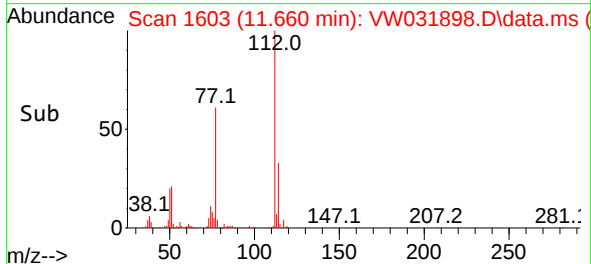
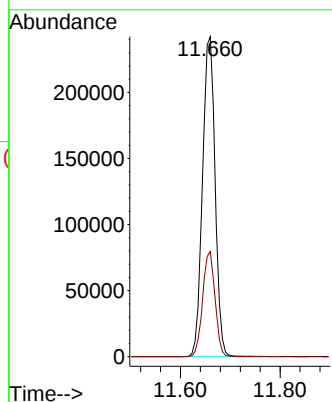
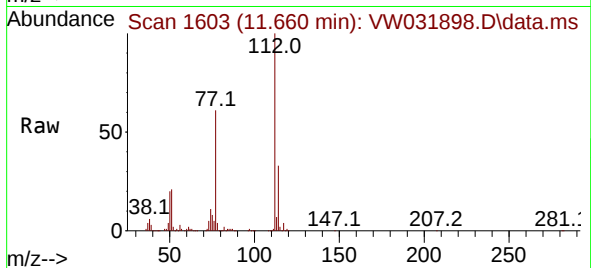
ICVW072225

Tgt Ion:112 Resp: 424231

Ion Ratio Lower Upper

112 100

114 32.9 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.026 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

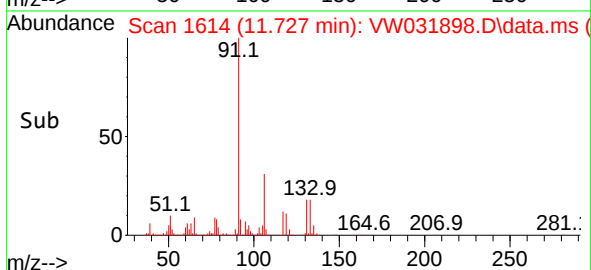
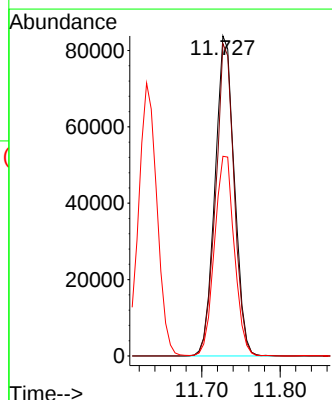
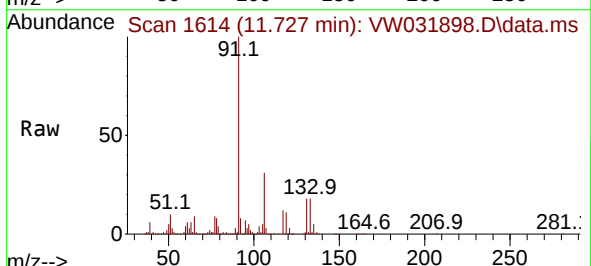
Tgt Ion:131 Resp: 143748

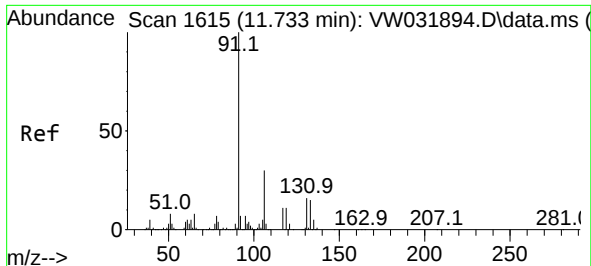
Ion Ratio Lower Upper

131 100

133 93.5 48.1 144.4

119 64.1 33.7 101.1





#67

Ethyl Benzene

Concen: 49.339 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

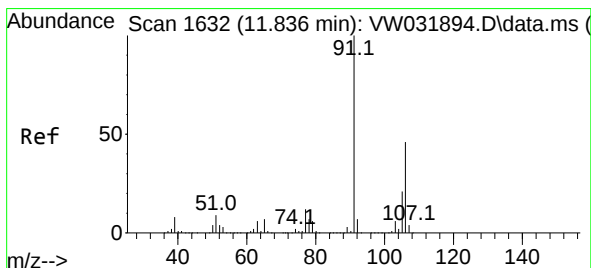
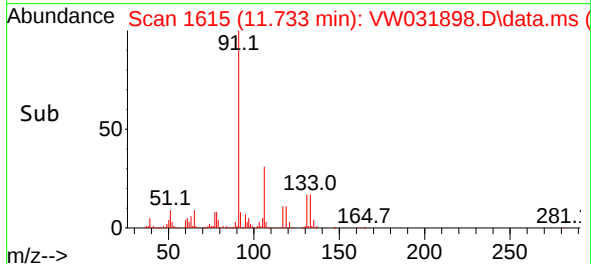
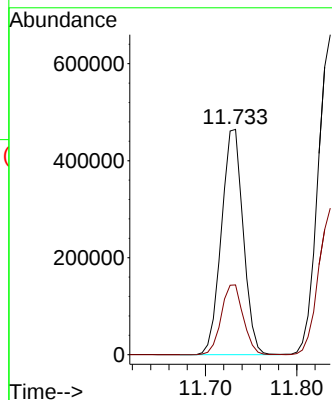
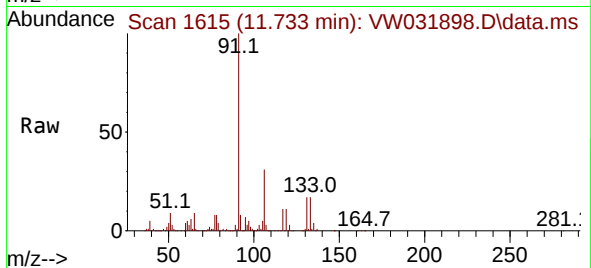
ICVW072225

Tgt Ion: 91 Resp: 772618

Ion Ratio Lower Upper

91 100

106 31.0 23.8 35.6



#68

m/p-Xylenes

Concen: 98.862 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031898.D

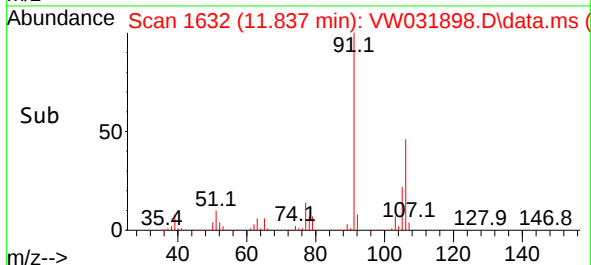
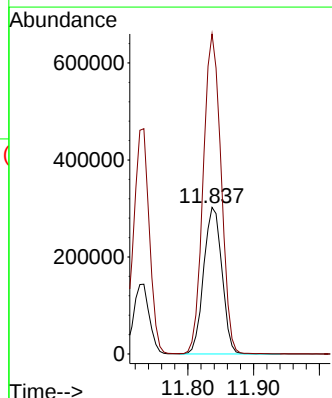
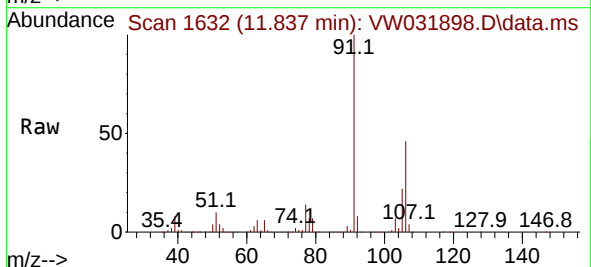
Acq: 22 Jul 2025 14:47

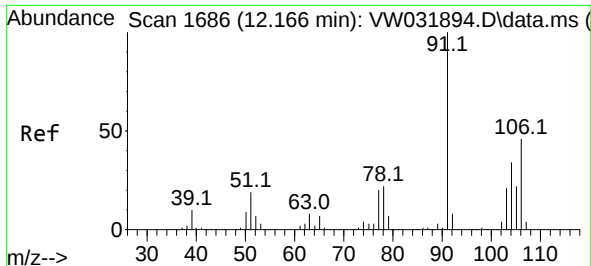
Tgt Ion:106 Resp: 582795

Ion Ratio Lower Upper

106 100

91 213.4 167.7 251.5

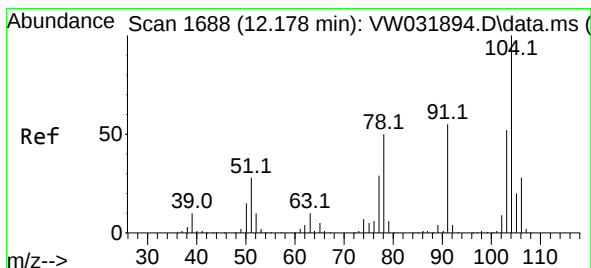
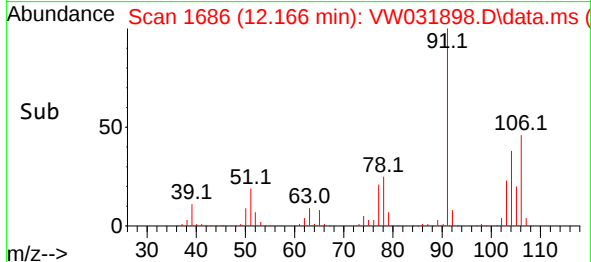
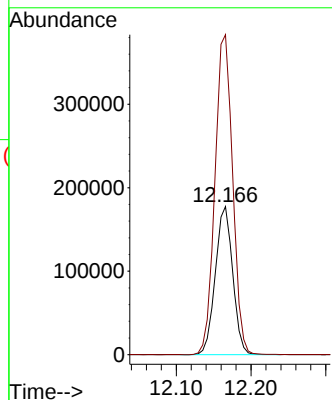
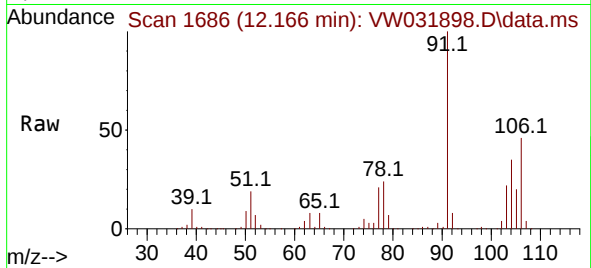




#69
o-Xylene
Concen: 51.412 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

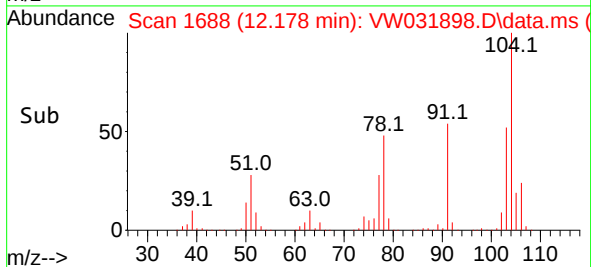
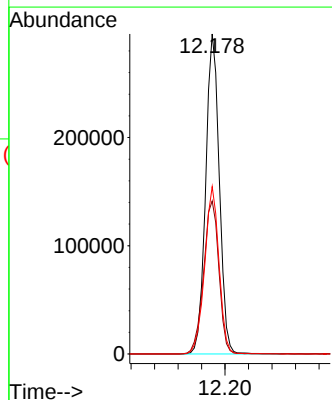
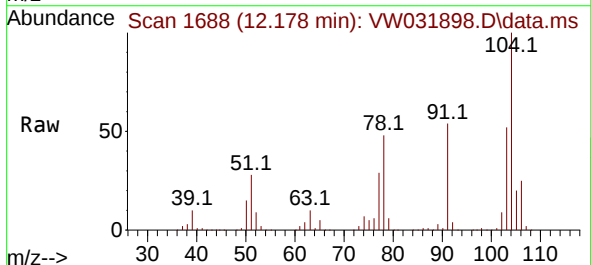
Instrument :
MSVOA_W
ClientSampleId :
ICVVW072225

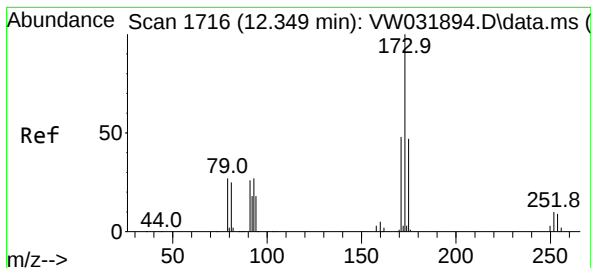
Tgt Ion:106 Resp: 286822
Ion Ratio Lower Upper
106 100
91 219.7 108.2 324.6



#70
Styrene
Concen: 50.260 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion:104 Resp: 477401
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 54.9 42.8 64.2





#71

Bromoform

Concen: 51.994 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

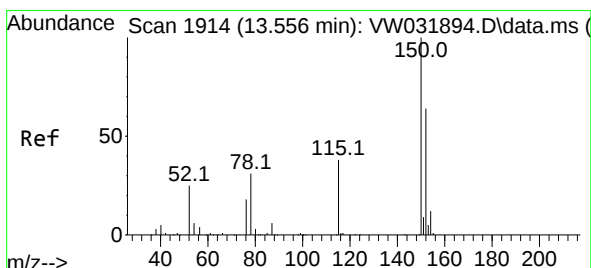
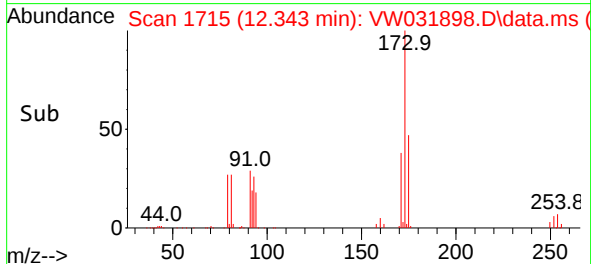
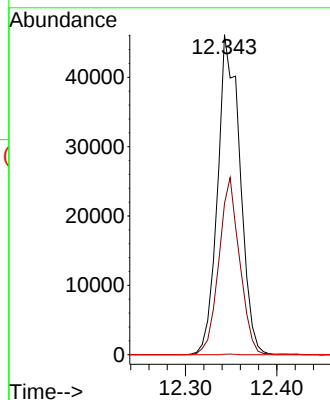
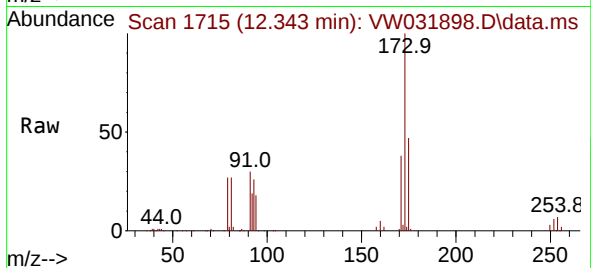
Tgt Ion:173 Resp: 78568

Ion Ratio Lower Upper

173 100

175 51.2 24.5 73.5

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

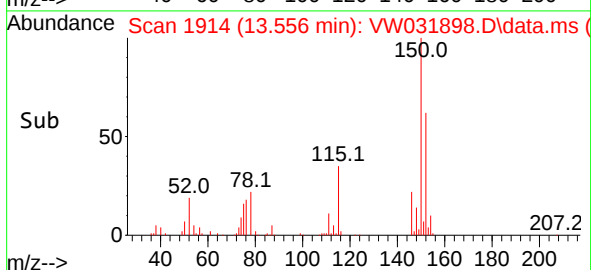
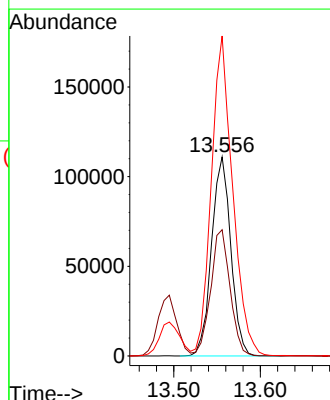
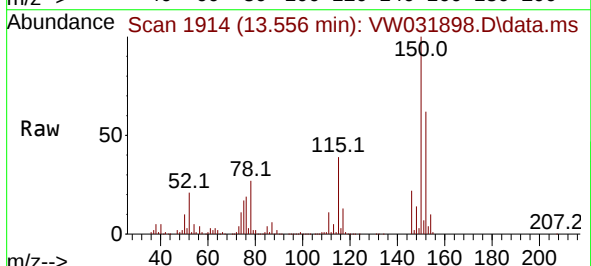
Tgt Ion:152 Resp: 171771

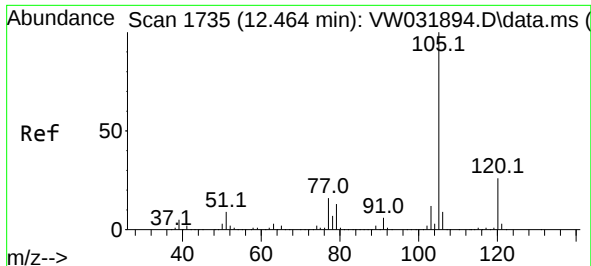
Ion Ratio Lower Upper

152 100

115 64.1 33.4 100.1

150 177.5 0.0 352.2

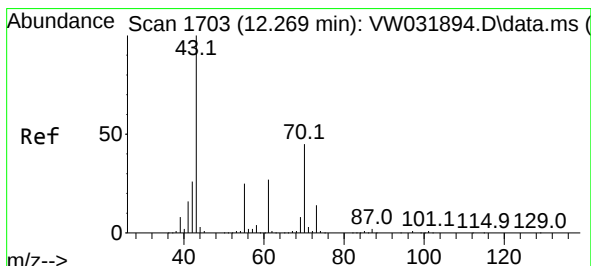
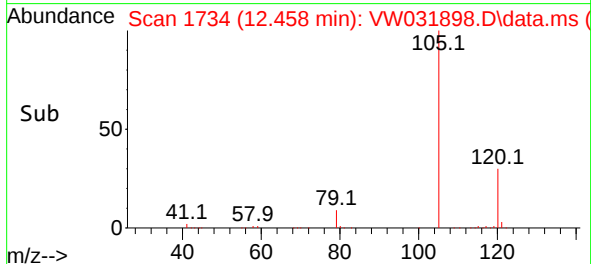
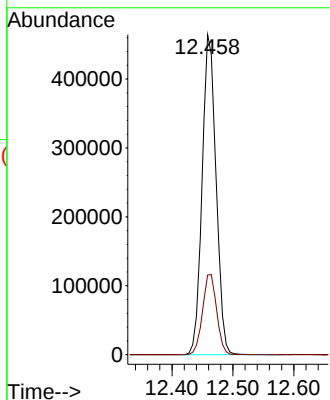
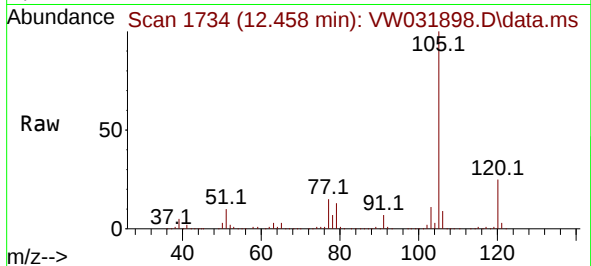




#73
Isopropylbenzene
Concen: 49.484 ug/l
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

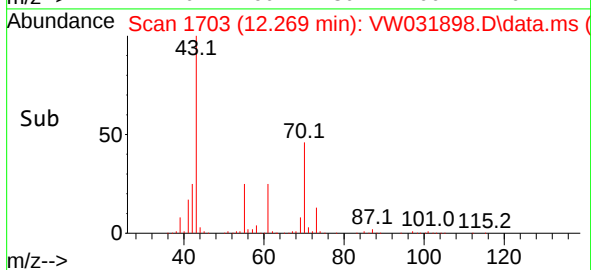
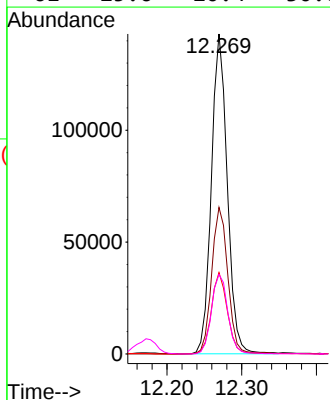
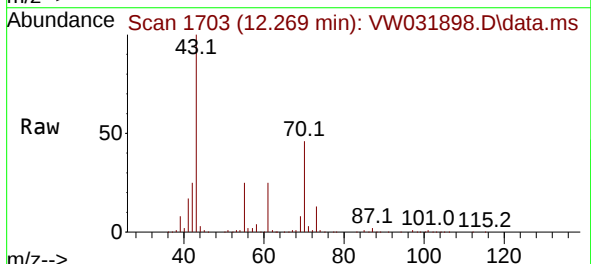
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

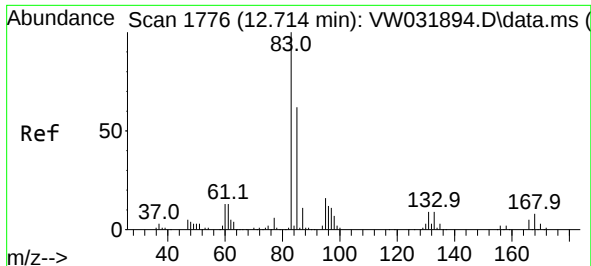
Tgt Ion:105 Resp: 737512
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.8



#74
N-ethyl acetate
Concen: 52.553 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 43 Resp: 211747
Ion Ratio Lower Upper
43 100
70 46.8 36.6 55.0
55 25.8 20.7 31.1
61 25.6 20.4 30.6

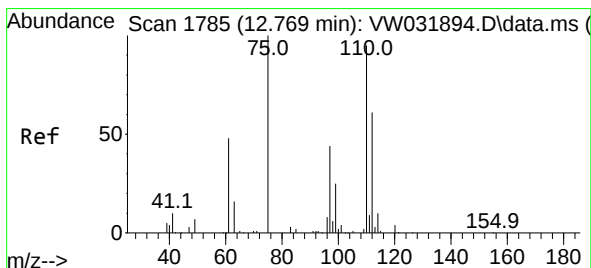
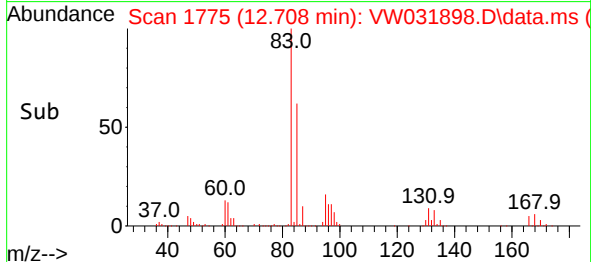
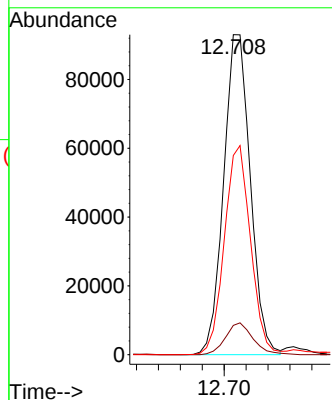
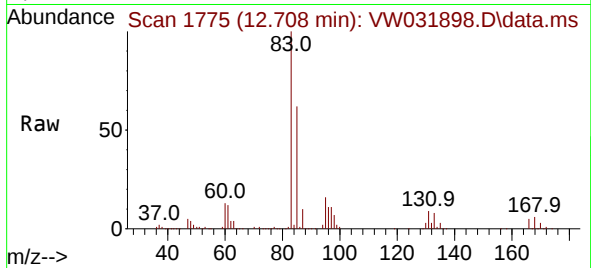




#75
1,1,2,2-Tetrachloroethane
Concen: 49.778 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

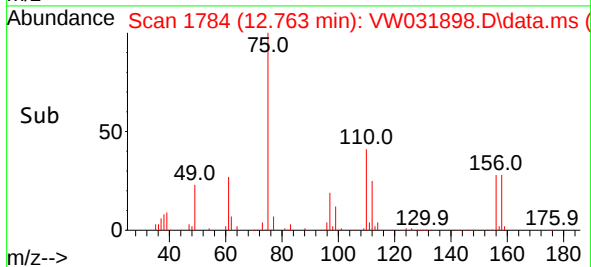
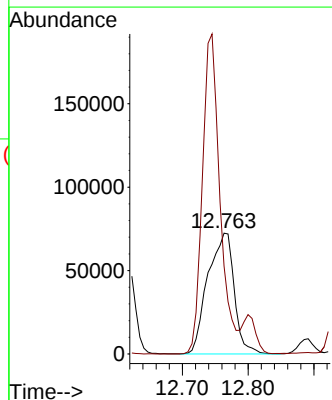
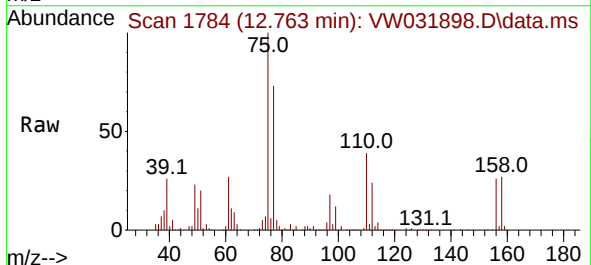
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

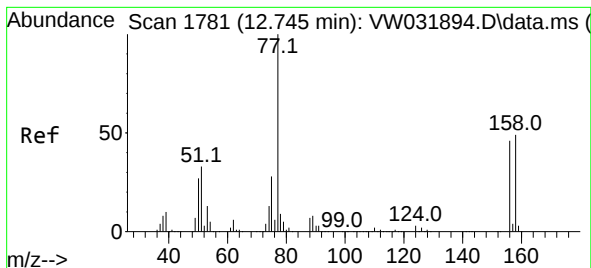
Tgt Ion: 83 Resp: 157475
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 85.149 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 75 Resp: 201935
Ion Ratio Lower Upper
75 100
77 175.6 0.0 0.0#





#77

Bromobenzene

Concen: 49.814 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

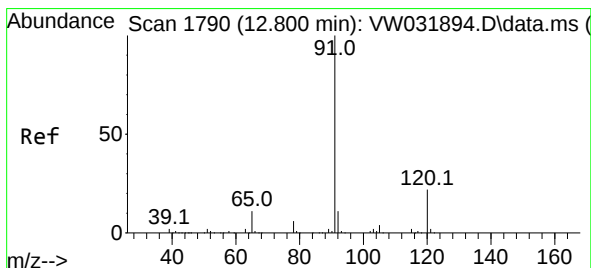
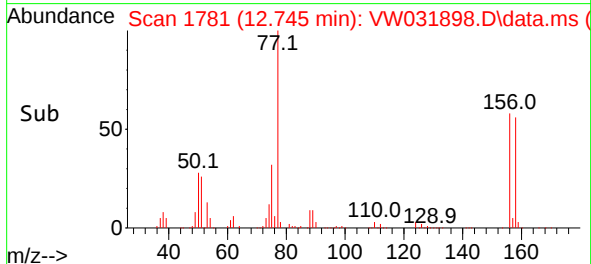
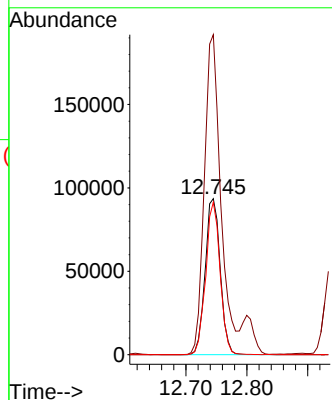
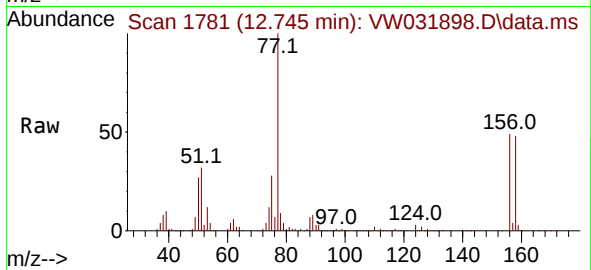
Tgt Ion:156 Resp: 160635

Ion Ratio Lower Upper

156 100

77 220.8 115.3 345.8

158 93.5 50.1 150.3



#78

n-propylbenzene

Concen: 49.260 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031898.D

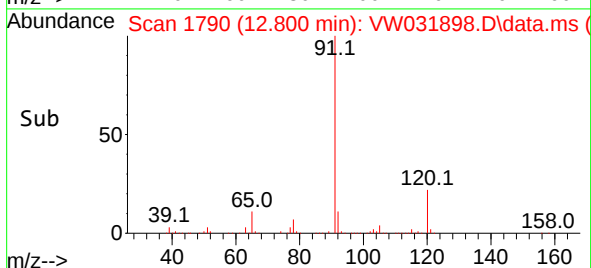
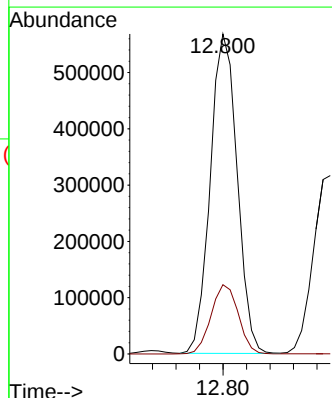
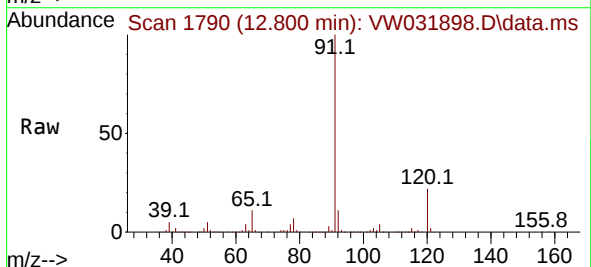
Acq: 22 Jul 2025 14:47

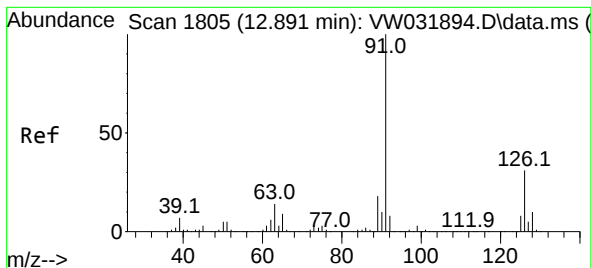
Tgt Ion: 91 Resp: 901700

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.6





#79

2-Chlorotoluene

Concen: 49.018 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

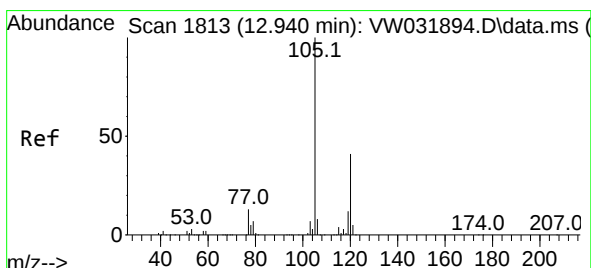
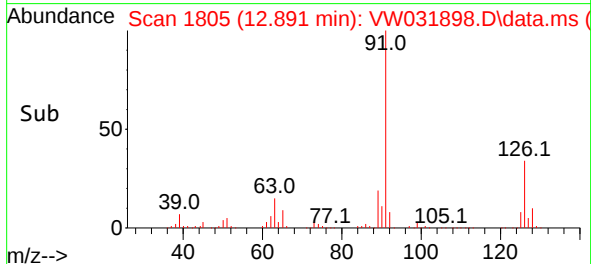
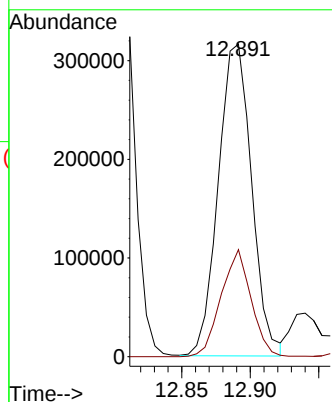
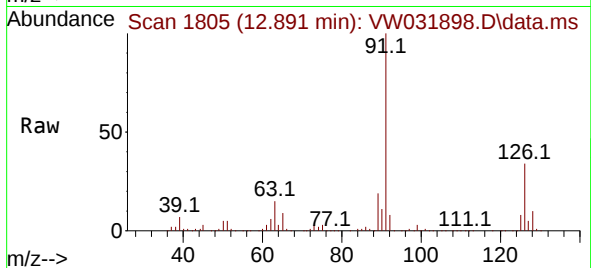
ICVW072225

Tgt Ion: 91 Resp: 535719

Ion Ratio Lower Upper

91 100

126 30.9 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 50.139 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031898.D

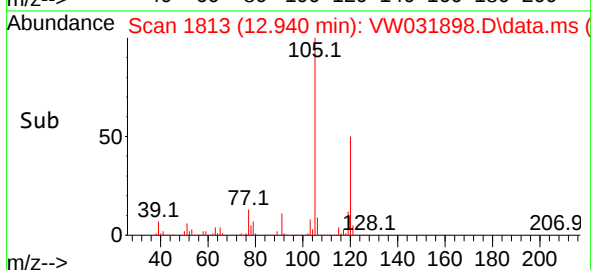
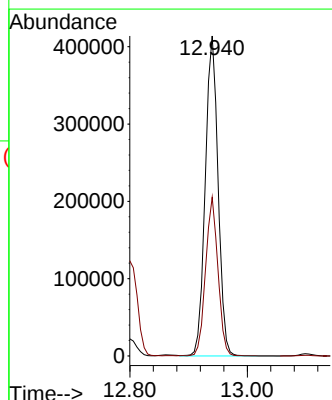
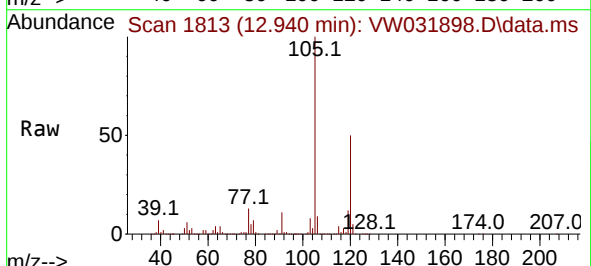
Acq: 22 Jul 2025 14:47

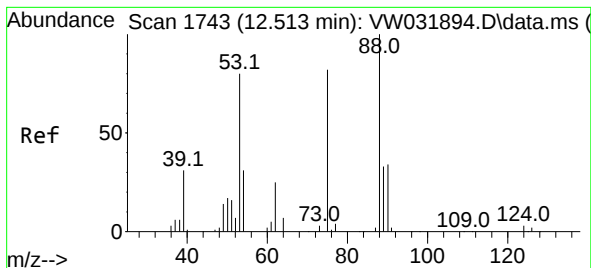
Tgt Ion: 105 Resp: 626726

Ion Ratio Lower Upper

105 100

120 48.0 23.5 70.5

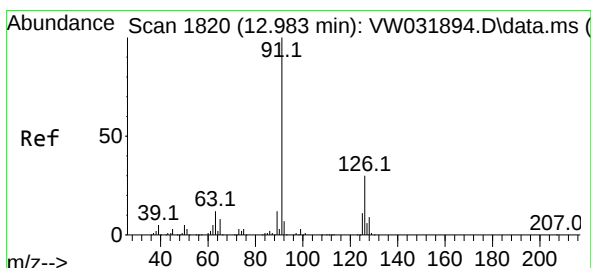
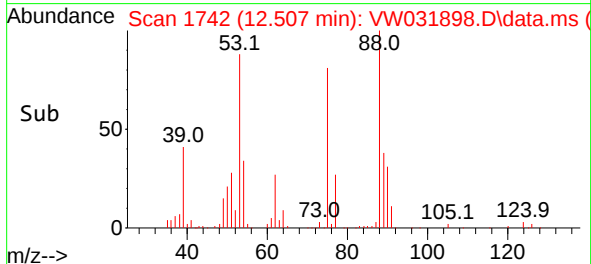
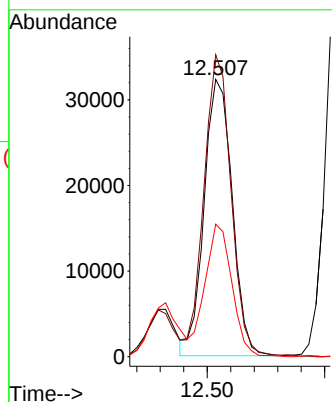
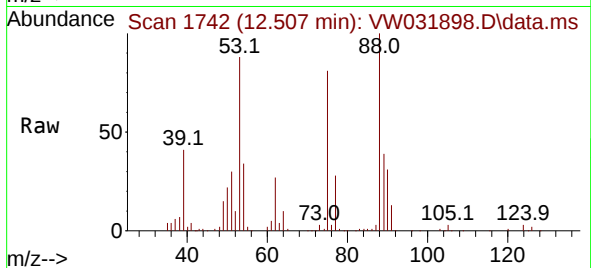




#81
trans-1,4-Dichloro-2-butene
Concen: 52.109 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

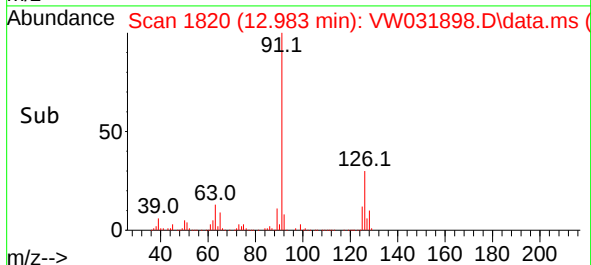
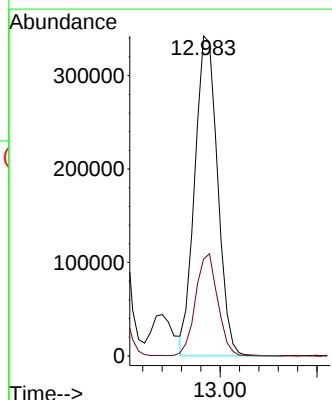
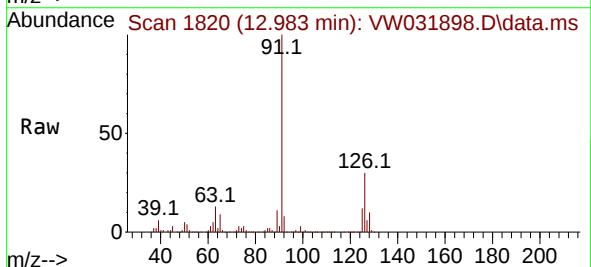
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

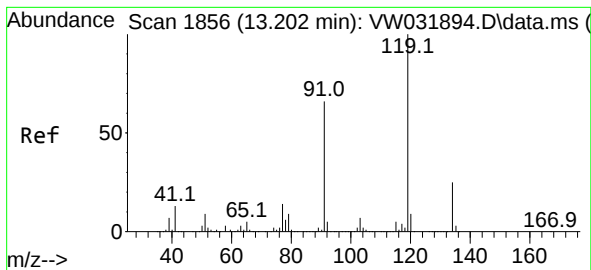
Tgt Ion: 75 Resp: 53527
Ion Ratio Lower Upper
75 100
53 106.6 83.7 125.5
89 46.4 39.0 58.6



#82
4-Chlorotoluene
Concen: 48.892 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 91 Resp: 560575
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.3

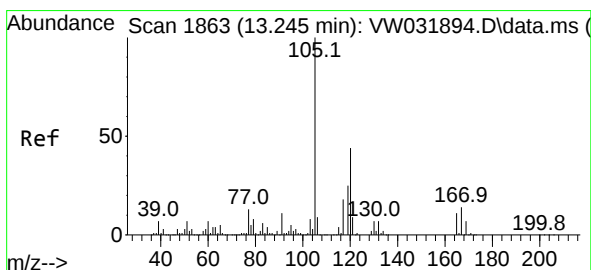
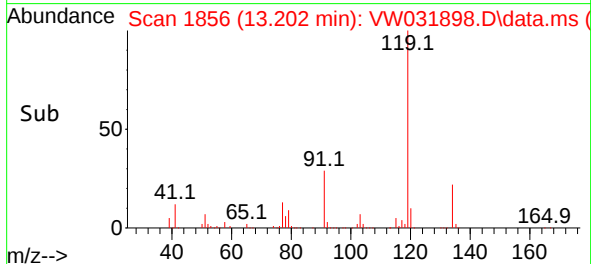
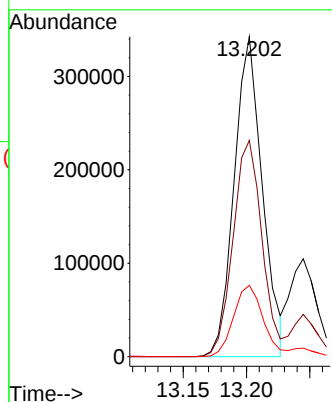
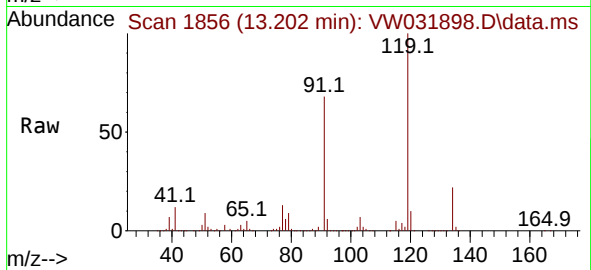




#83
tert-Butylbenzene
Concen: 49.850 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

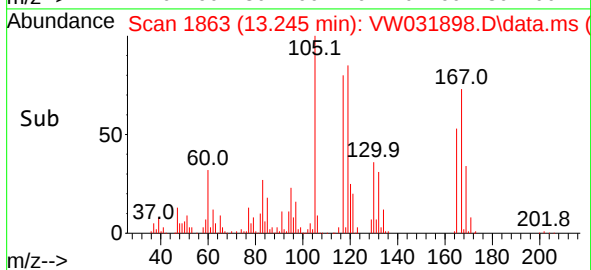
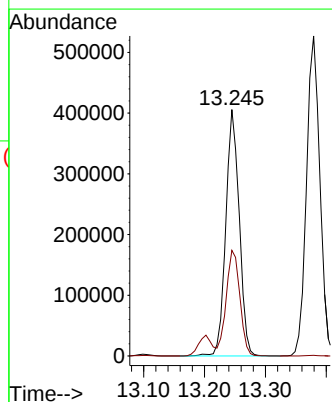
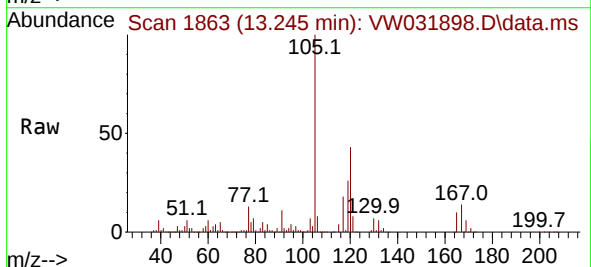
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

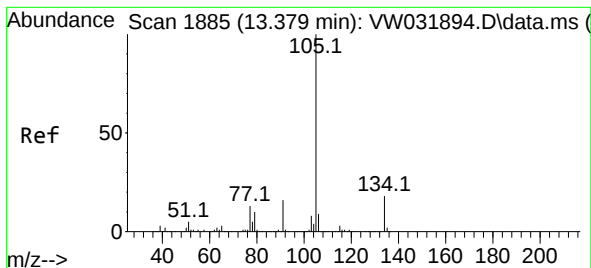
Tgt Ion:119 Resp: 530770
Ion Ratio Lower Upper
119 100
91 69.3 35.5 106.5
134 23.6 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 49.148 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion:105 Resp: 621802
Ion Ratio Lower Upper
105 100
120 43.4 21.3 63.9





#85

sec-Butylbenzene

Concen: 50.210 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

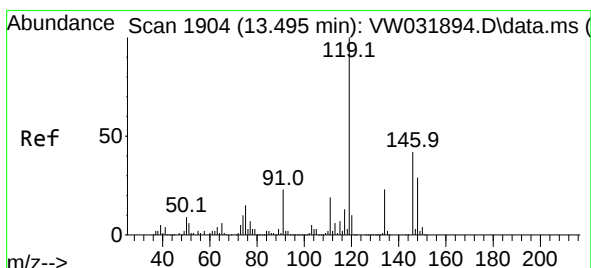
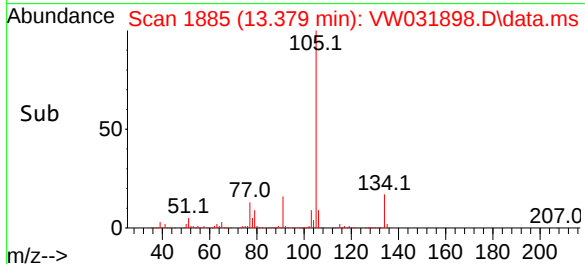
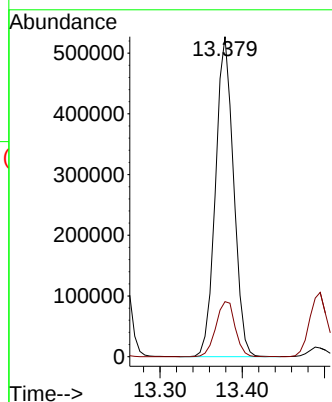
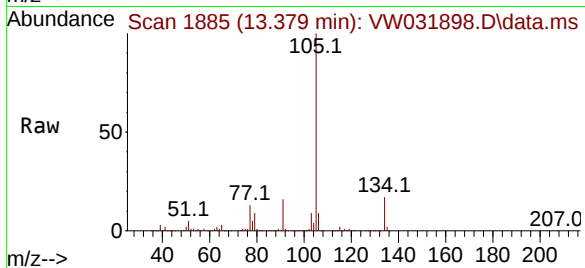
ICVW072225

Tgt Ion:105 Resp: 802831

Ion Ratio Lower Upper

105 100

134 18.4 9.2 27.6



#86

p-Isopropyltoluene

Concen: 50.261 ug/l

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

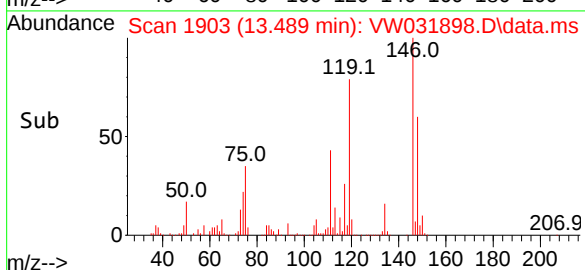
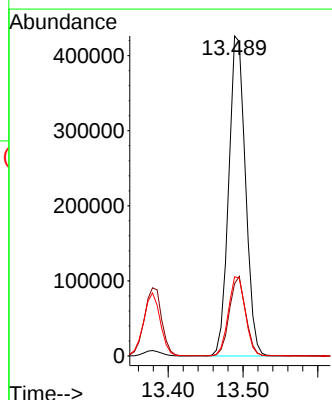
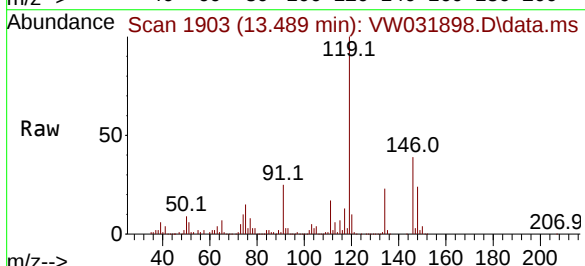
Tgt Ion:119 Resp: 664260

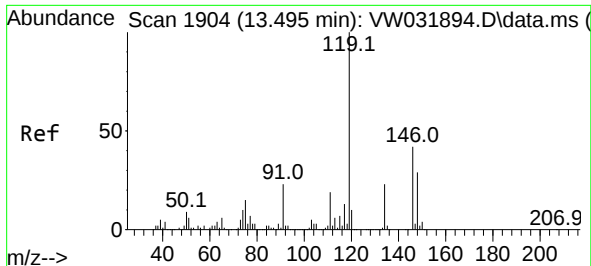
Ion Ratio Lower Upper

119 100

134 24.0 13.0 39.0

91 24.9 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 47.106 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

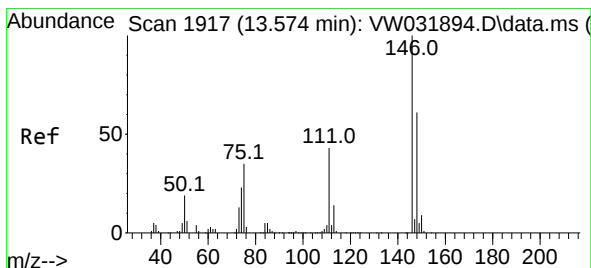
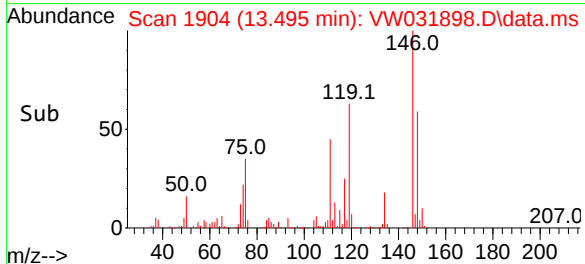
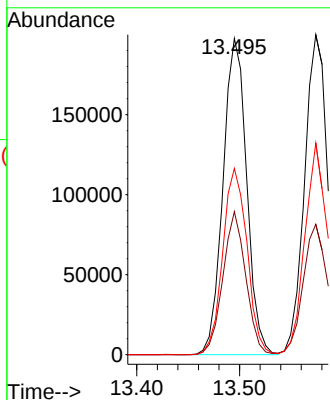
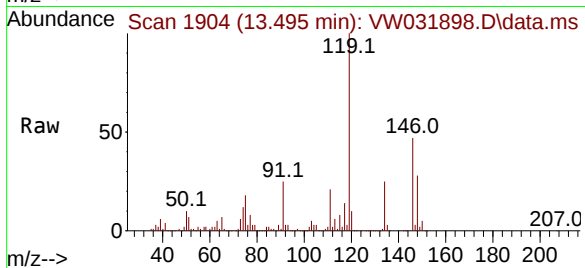
Tgt Ion:146 Resp: 316200

Ion Ratio Lower Upper

146 100

111 43.7 21.9 65.7

148 60.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.681 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

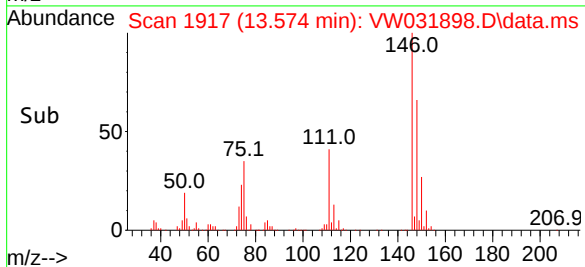
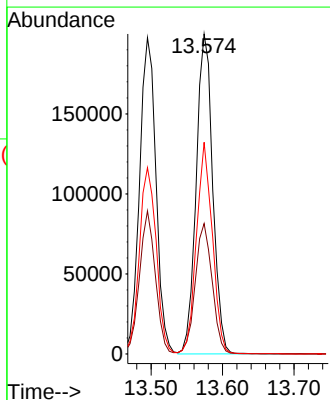
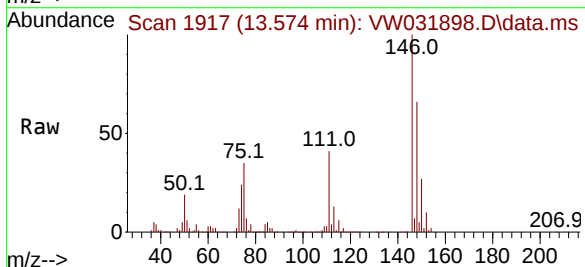
Tgt Ion:146 Resp: 320113

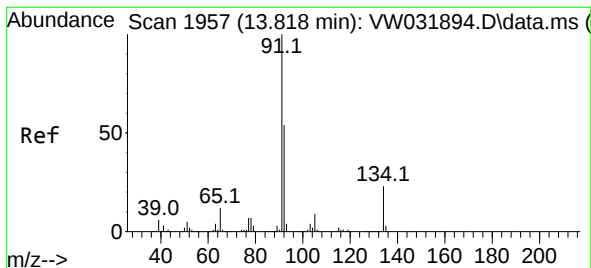
Ion Ratio Lower Upper

146 100

111 41.9 22.1 66.3

148 63.8 31.8 95.3





#89

n-Butylbenzene

Concen: 49.250 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

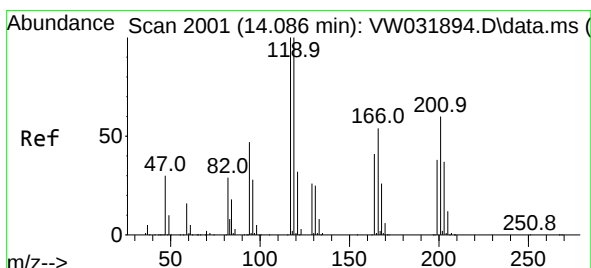
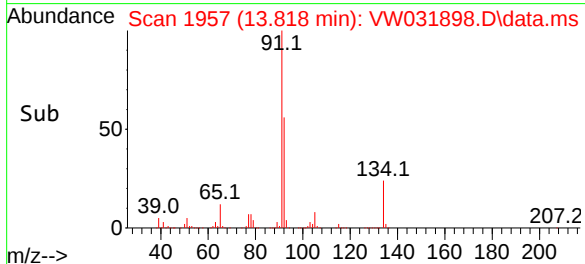
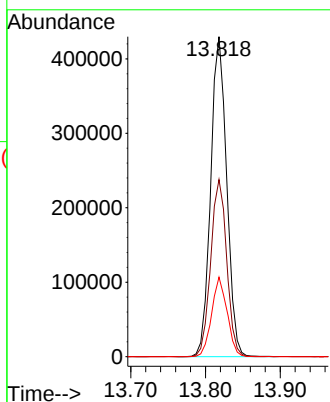
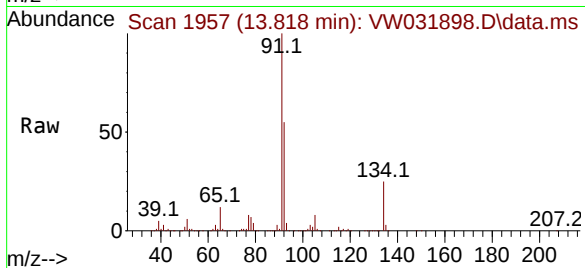
Tgt Ion: 91 Resp: 638513

Ion Ratio Lower Upper

91 100

92 55.4 27.2 81.5

134 24.0 11.6 34.7



#90

Hexachloroethane

Concen: 49.643 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031898.D

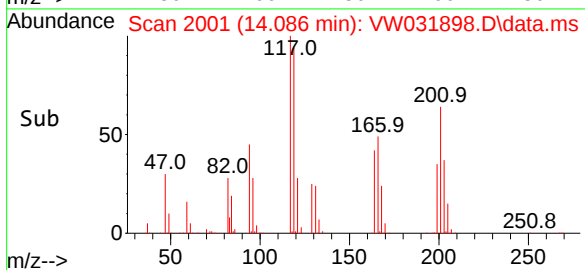
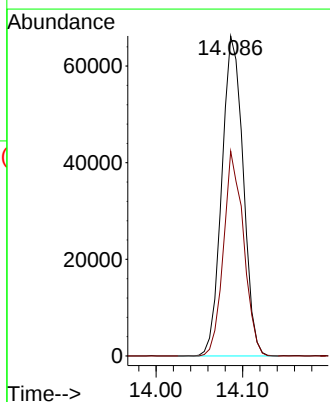
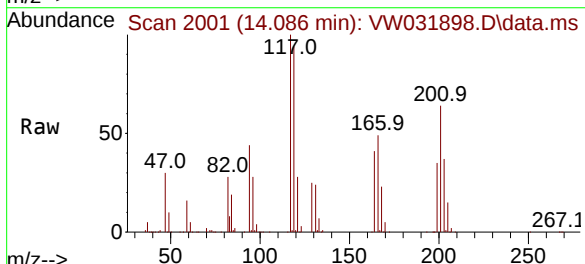
Acq: 22 Jul 2025 14:47

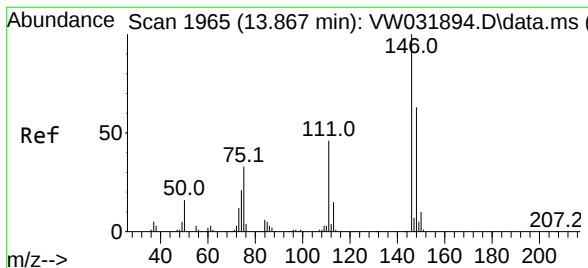
Tgt Ion: 117 Resp: 113450

Ion Ratio Lower Upper

117 100

201 60.2 28.4 85.2

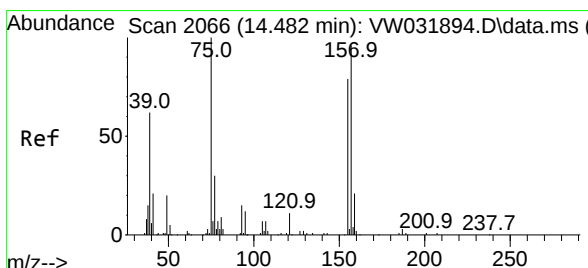
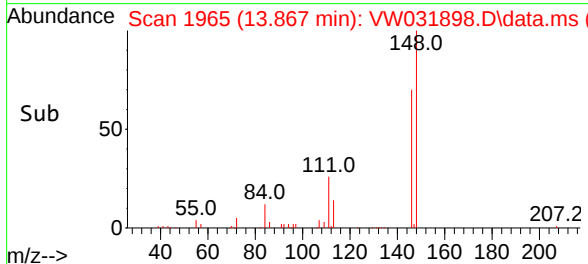
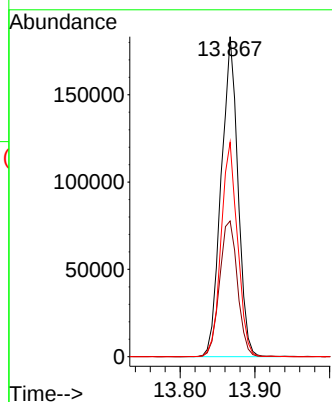
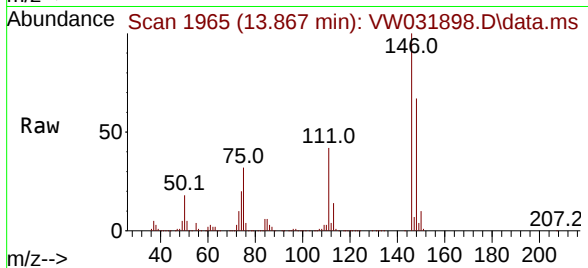




#91
1,2-Dichlorobenzene
Concen: 48.082 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

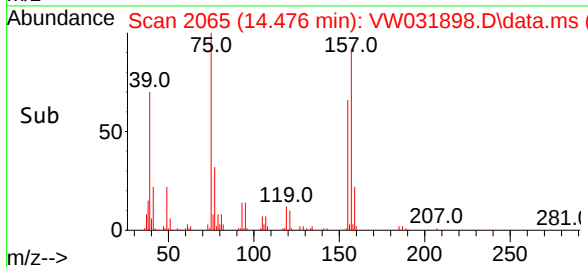
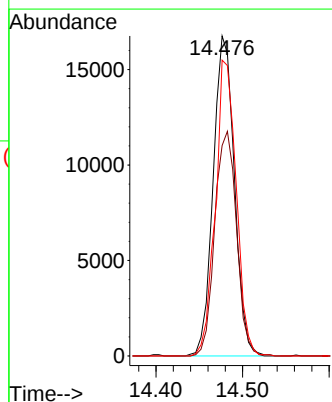
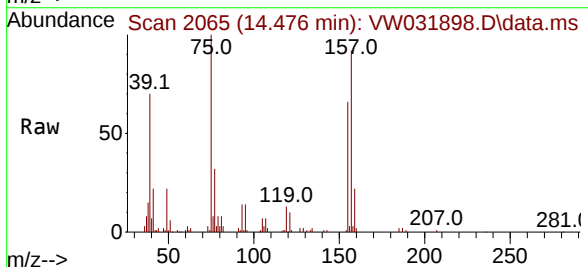
Instrument :
MSVOA_W
ClientSampleId :
ICVW072225

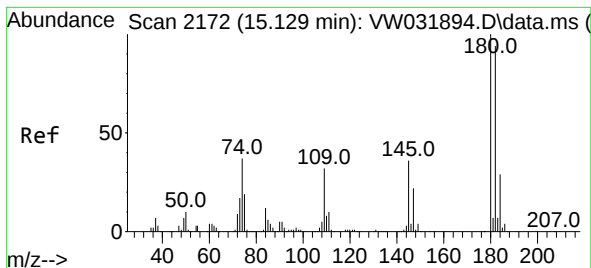
Tgt Ion:146 Resp: 286039
Ion Ratio Lower Upper
146 100
111 45.3 23.6 71.0
148 65.9 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.905 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031898.D
Acq: 22 Jul 2025 14:47

Tgt Ion: 75 Resp: 28523
Ion Ratio Lower Upper
75 100
155 72.0 35.9 107.7
157 90.6 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 49.346 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

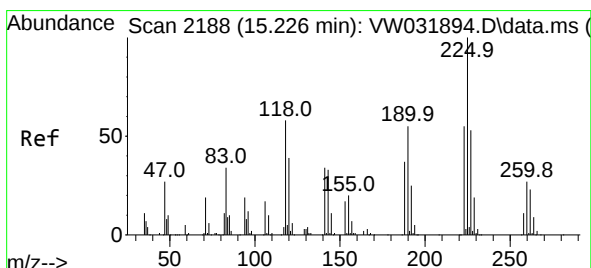
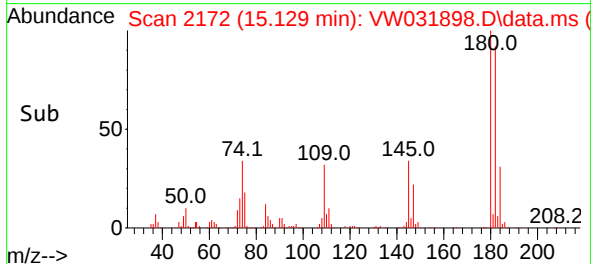
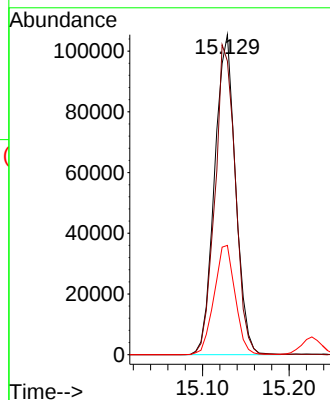
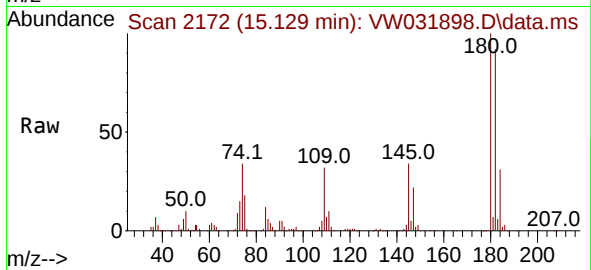
Tgt Ion:180 Resp: 177038

Ion Ratio Lower Upper

180 100

182 94.3 51.0 153.1

145 34.4 18.4 55.4



#94

Hexachlorobutadiene

Concen: 46.450 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

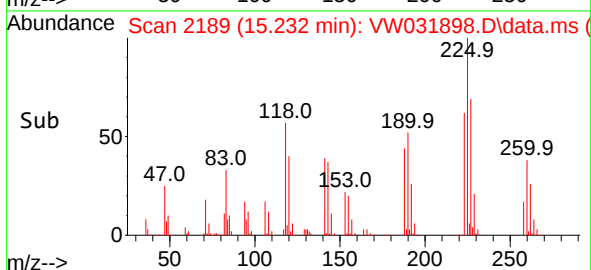
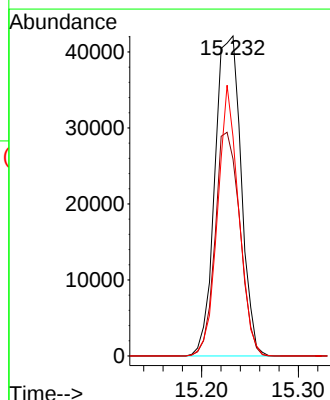
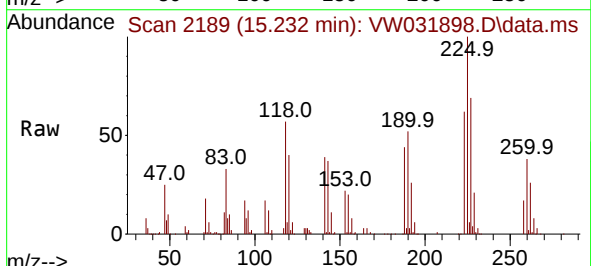
Tgt Ion:225 Resp: 78966

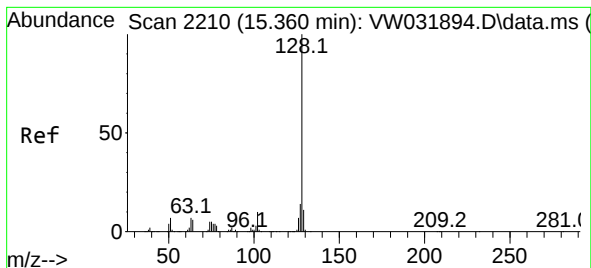
Ion Ratio Lower Upper

225 100

223 66.2 30.9 92.7

227 68.2 30.0 90.1





#95

Naphthalene

Concen: 52.482 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Instrument :

MSVOA_W

ClientSampleId :

ICVW072225

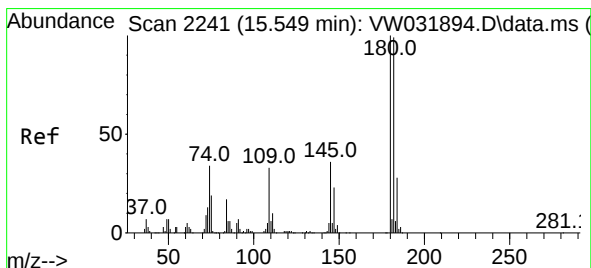
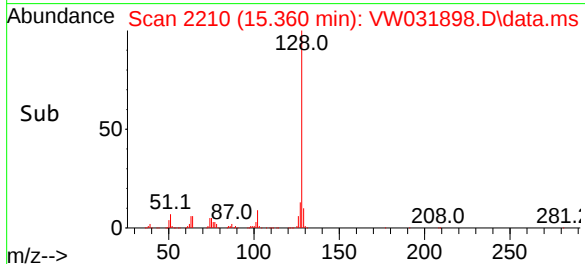
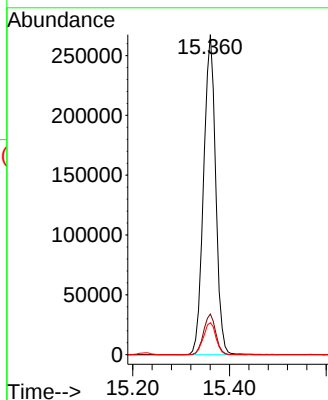
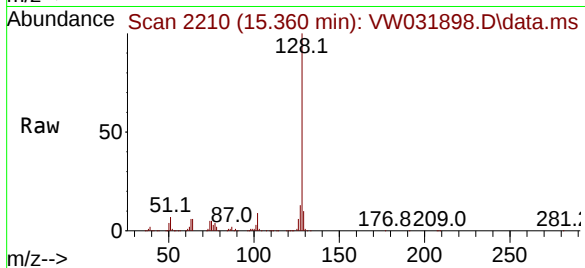
Tgt Ion:128 Resp: 462913

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.4 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 50.512 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031898.D

Acq: 22 Jul 2025 14:47

Tgt Ion:180 Resp: 164194

Ion Ratio Lower Upper

180 100

182 95.5 50.4 151.2

145 36.4 18.6 55.8

