

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091725\
 Data File : VW032190.D
 Acq On : 17 Sep 2025 15:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 04:36:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	193524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	337094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	310936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	163314	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	141026	50.955	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 101.920%	
35) Dibromofluoromethane	7.904	113	115619	48.887	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 97.780%	
50) Toluene-d8	10.331	98	407316	49.060	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 98.120%	
62) 4-Bromofluorobenzene	12.617	95	148155	48.258	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 96.520%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	60899	47.663	ug/l	97
3) Chloromethane	2.259	50	74033	55.264	ug/l	99
4) Vinyl Chloride	2.405	62	94284	54.187	ug/l	100
5) Bromomethane	2.826	94	78653	50.620	ug/l	99
6) Chloroethane	2.978	64	68805	56.151	ug/l	98
7) Trichlorofluoromethane	3.308	101	95689	55.504	ug/l	98
8) Diethyl Ether	3.722	74	75004	58.298	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	108199	55.712	ug/l	97
10) Methyl Iodide	4.320	142	134370	45.438	ug/l	98
11) Tert butyl alcohol	5.222	59	44778	264.505	ug/l	99
12) 1,1-Dichloroethene	4.082	96	112893	55.196	ug/l	90
13) Acrolein	3.929	56	18221	70.020	ug/l	95
14) Allyl chloride	4.704	41	143654	49.446	ug/l	98
15) Acrylonitrile	5.405	53	170711	272.916	ug/l	98
16) Acetone	4.161	43	165116	275.472	ug/l	98
17) Carbon Disulfide	4.429	76	233948	45.733	ug/l	99
18) Methyl Acetate	4.710	43	117150	61.342	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	205015	53.082	ug/l	99
20) Methylene Chloride	4.960	84	130074	53.431	ug/l	99
21) trans-1,2-Dichloroethene	5.466	96	111506	48.803	ug/l	94
22) Diisopropyl ether	6.344	45	339859	53.748	ug/l	98
23) Vinyl Acetate	6.289	43	1164218	270.809	ug/l	99
24) 1,1-Dichloroethane	6.246	63	212113	51.241	ug/l	98
25) 2-Butanone	7.197	43	234879	276.537	ug/l	97
26) 2,2-Dichloropropane	7.185	77	113771	51.899	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	141858	51.022	ug/l	98
28) Bromochloromethane	7.538	49	100198	52.876	ug/l	94
29) Tetrahydrofuran	7.551	42	153955	285.242	ug/l	99
30) Chloroform	7.691	83	246034	52.057	ug/l	95
31) Cyclohexane	7.971	56	161094	47.413	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	176346	51.113	ug/l	99
36) 1,1-Dichloropropene	8.093	75	155333	50.656	ug/l	99
37) Ethyl Acetate	7.276	43	102912	55.945	ug/l	99
38) Carbon Tetrachloride	8.081	117	166009	50.501	ug/l	99
39) Methylcyclohexane	9.343	83	180526	49.704	ug/l	99
40) Benzene	8.337	78	476562	50.277	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	58226	56.972	ug/l	90
42) 1,2-Dichloroethane	8.416	62	170751	51.964	ug/l	100
43) Isopropyl Acetate	8.435	43	188658	54.668	ug/l	99
44) Trichloroethene	9.099	130	115390	48.408	ug/l	99
45) 1,2-Dichloropropane	9.374	63	116521	50.994	ug/l	98
46) Dibromomethane	9.465	93	82188	51.282	ug/l	95
47) Bromodichloromethane	9.654	83	187354	51.442	ug/l	96
48) Methyl methacrylate	9.447	41	87773	55.190	ug/l	99
49) 1,4-Dioxane	9.465	88	22330	1153.175	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	555195	284.919	ug/l	98
52) Toluene	10.392	92	312286	50.416	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	170596	53.097	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	189482	51.686	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	106040	50.882	ug/l	97
56) Ethyl methacrylate	10.648	69	146686	55.054	ug/l	97
57) 1,3-Dichloropropane	10.934	76	179708	51.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	403794	283.936	ug/l	100
59) 2-Hexanone	10.971	43	395380	291.749	ug/l	97
60) Dibromochloromethane	11.129	129	123033	48.788	ug/l	95
61) 1,2-Dibromoethane	11.239	107	101271	49.414	ug/l	95
64) Tetrachloroethene	10.867	164	97998	47.886	ug/l	96
65) Chlorobenzene	11.660	112	347960	49.165	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	114078	48.959	ug/l	99
67) Ethyl Benzene	11.733	91	595661	51.369	ug/l	98
68) m/p-Xylenes	11.836	106	460708	103.233	ug/l	100
69) o-Xylene	12.166	106	214529	50.820	ug/l	99
70) Styrene	12.178	104	387257	52.041	ug/l	99
71) Bromoform	12.349	173	71598	51.737	ug/l #	93
73) Isopropylbenzene	12.464	105	565259	50.947	ug/l	99
74) N-amyl acetate	12.269	43	174627	54.212	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	137472	52.137	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	169685	82.935	ug/l	38
77) Bromobenzene	12.745	156	137940	48.754	ug/l	97
78) n-propylbenzene	12.800	91	695042	51.599	ug/l	96
79) 2-Chlorotoluene	12.891	91	419252	50.898	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	484695	51.598	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.507	75	40996	53.949	ug/l	98
82) 4-Chlorotoluene	12.989	91	431517	48.941	ug/l	100
83) tert-Butylbenzene	13.202	119	404144	50.741	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	484237	49.826	ug/l	98
85) sec-Butylbenzene	13.379	105	602350	50.652	ug/l	99
86) p-Isopropyltoluene	13.495	119	506339	50.068	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	278782	48.937	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	273527	47.902	ug/l	95
89) n-Butylbenzene	13.818	91	489669	50.787	ug/l	99
90) Hexachloroethane	14.086	117	91651	49.546	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	252861	50.134	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	24742	53.116	ug/l	89
93) 1,2,4-Trichlorobenzene	15.129	180	143213	44.442	ug/l	97
94) Hexachlorobutadiene	15.232	225	69373	43.407	ug/l	99
95) Naphthalene	15.360	128	382120	52.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	140323	46.823	ug/l	97

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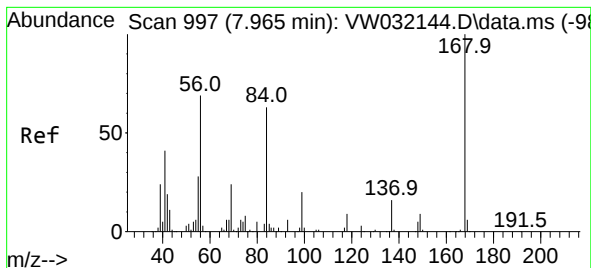
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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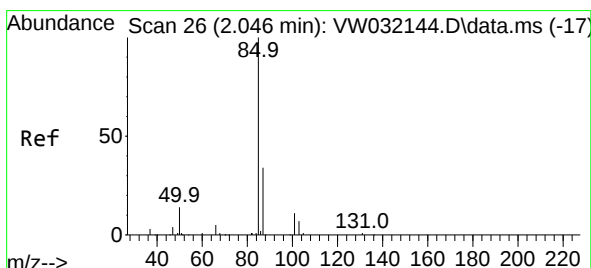
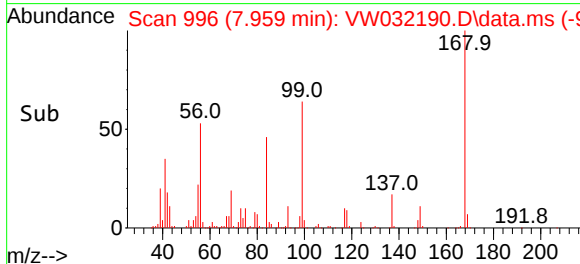
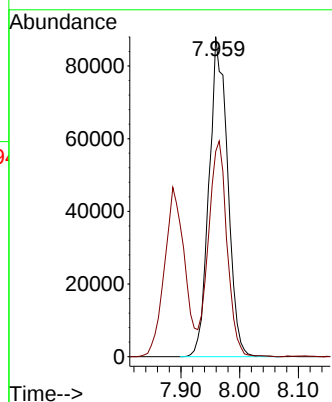
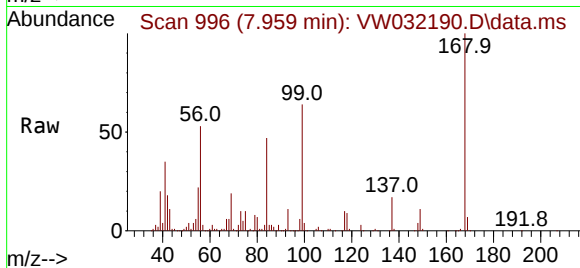




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032190.D
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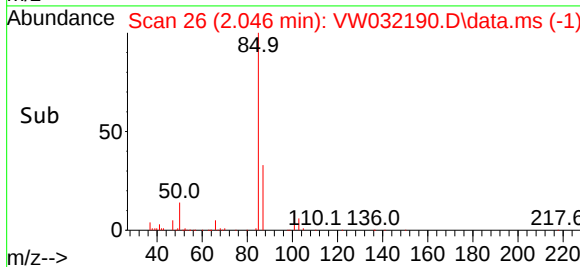
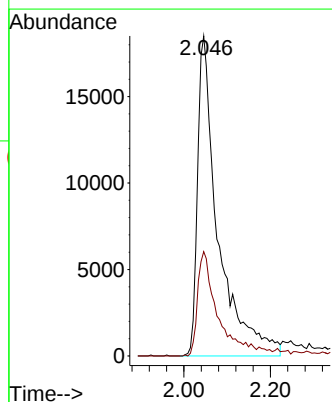
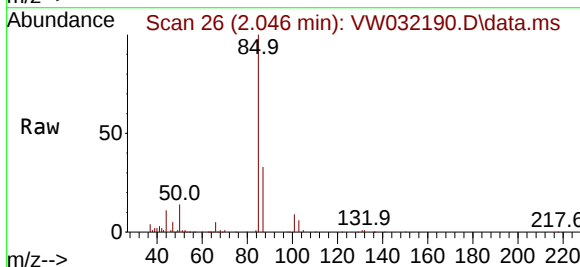
Instrument :
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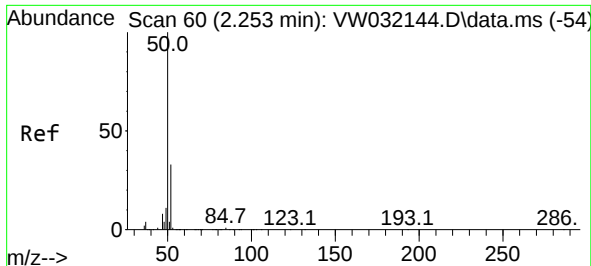
Tgt Ion:168 Resp: 193524
Ion Ratio Lower Upper
168 100
99 64.1 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 47.663 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 85 Resp: 60899
Ion Ratio Lower Upper
85 100
87 32.6 17.2 51.6

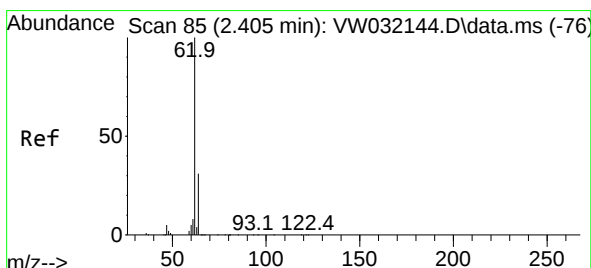
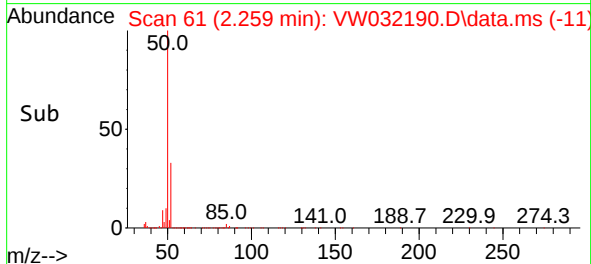
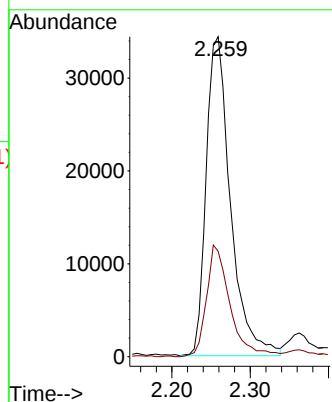
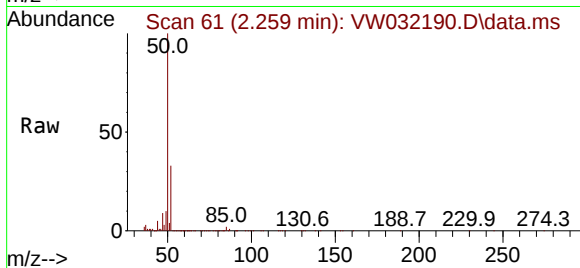




#3
Chloromethane
Concen: 55.264 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032190.D
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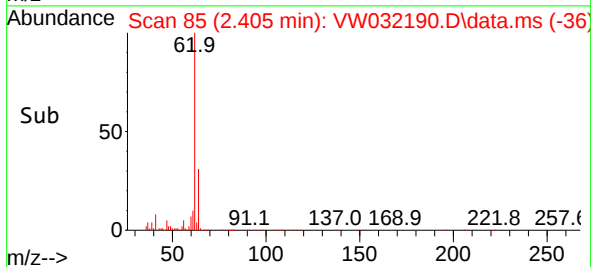
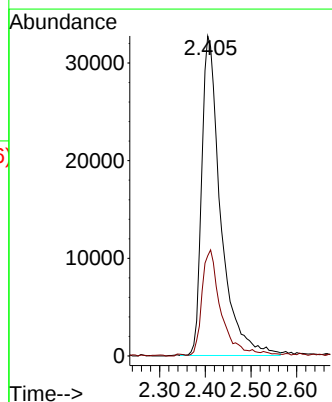
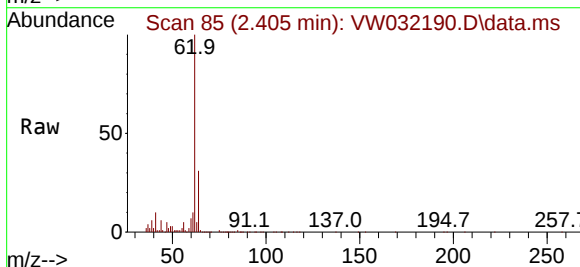
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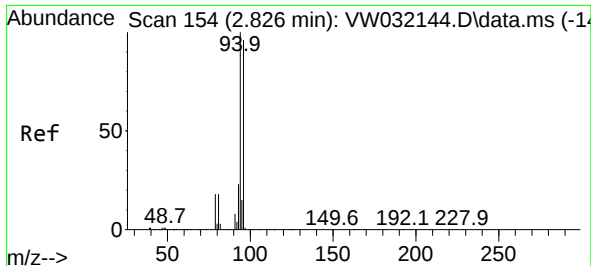
Tgt Ion: 50 Resp: 74033
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 54.187 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 62 Resp: 94284
Ion Ratio Lower Upper
62 100
64 30.8 24.8 37.2

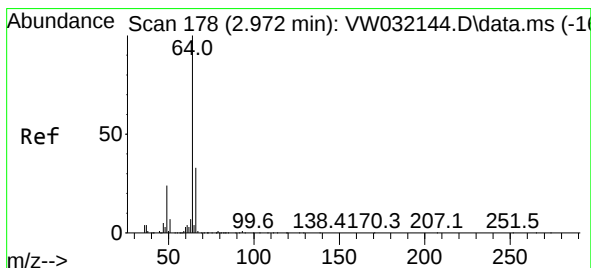
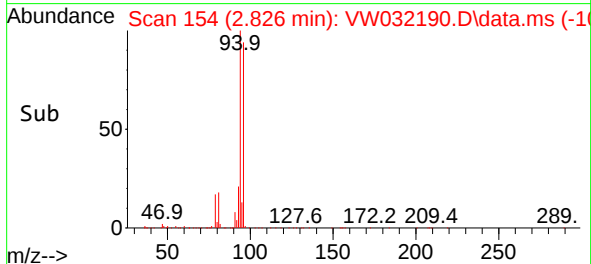
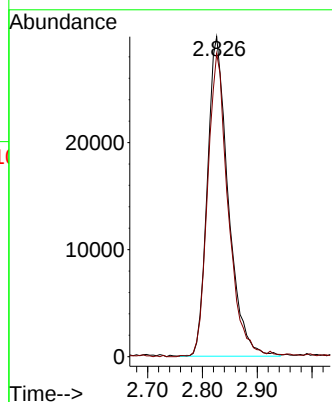
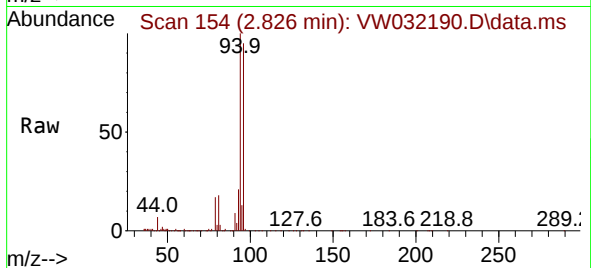




#5
Bromomethane
Concen: 50.620 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032190.D
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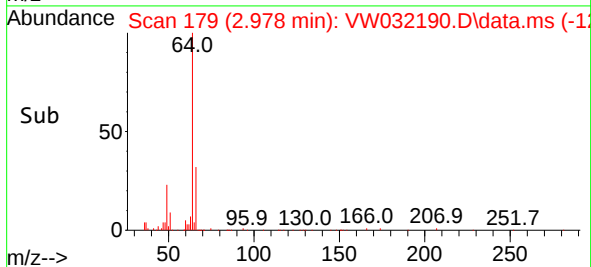
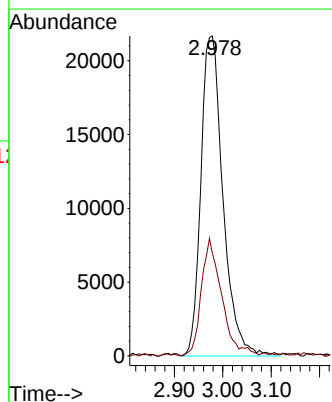
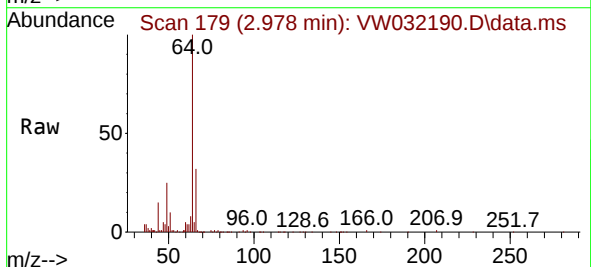
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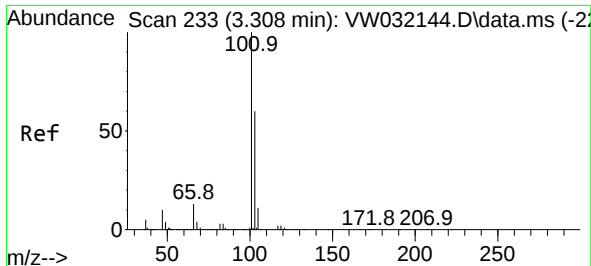
Tgt Ion: 94 Resp: 78653
Ion Ratio Lower Upper
94 100
96 94.5 76.6 115.0



#6
Chloroethane
Concen: 56.151 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 64 Resp: 68805
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4

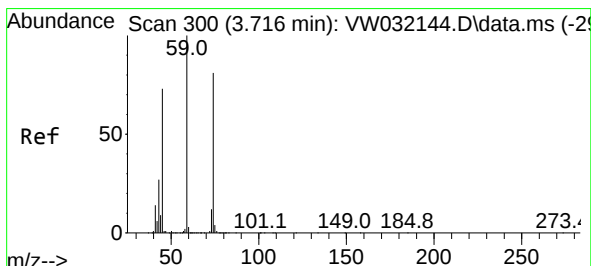
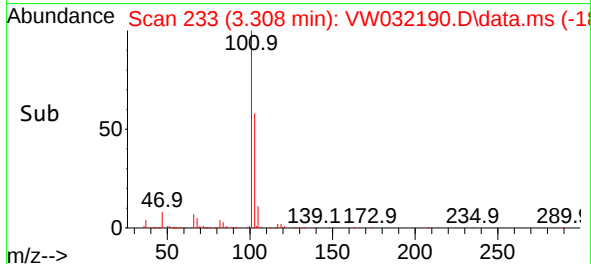
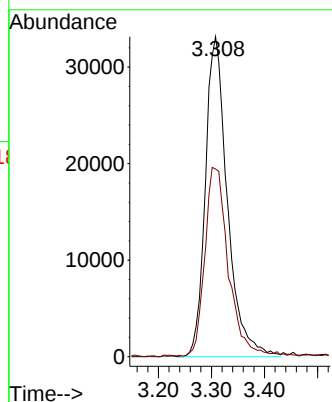
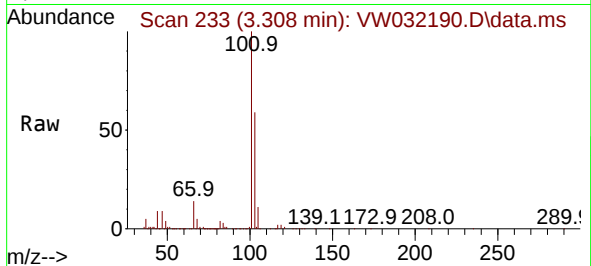




#7
 Trichlorofluoromethane
 Concen: 55.504 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032190.D
 Acq: 17 Sep 2025 15:21

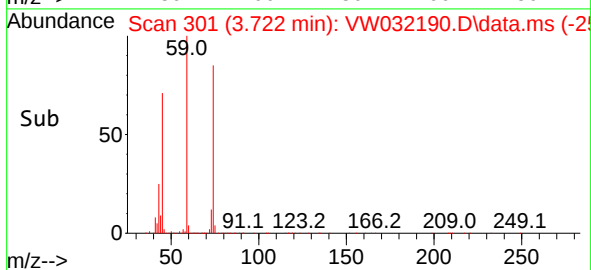
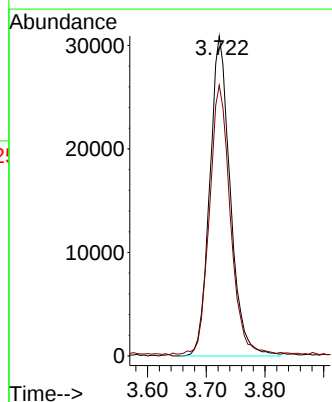
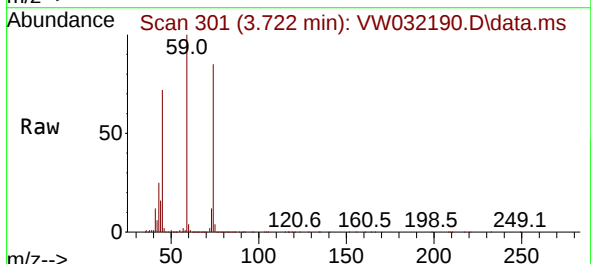
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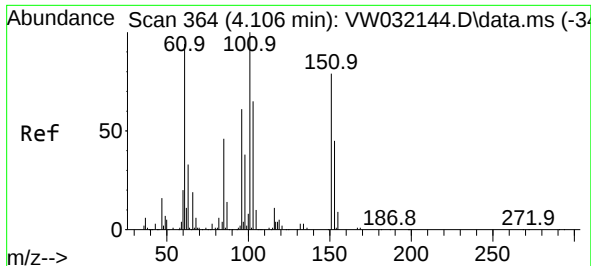
Tgt Ion:101 Resp: 95689
 Ion Ratio Lower Upper
 101 100
 103 58.2 47.8 71.8



#8
 Diethyl Ether
 Concen: 58.298 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032190.D
 Acq: 17 Sep 2025 15:21

Tgt Ion: 74 Resp: 75004
 Ion Ratio Lower Upper
 74 100
 45 84.9 43.1 129.4

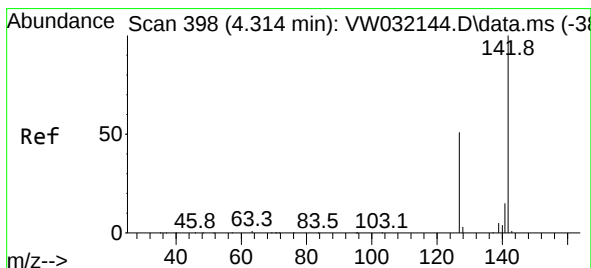
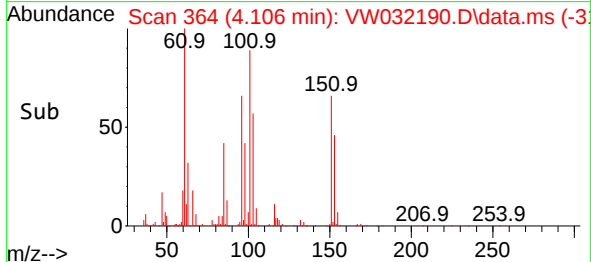
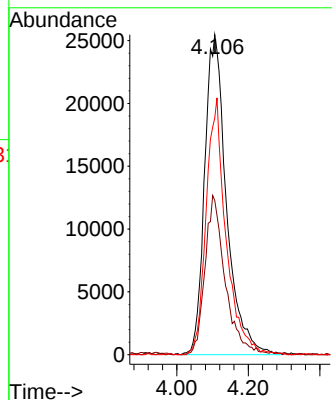
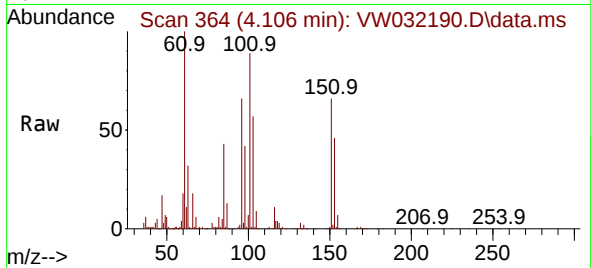




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.712 ug/l
RT: 4.106 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW032190.D
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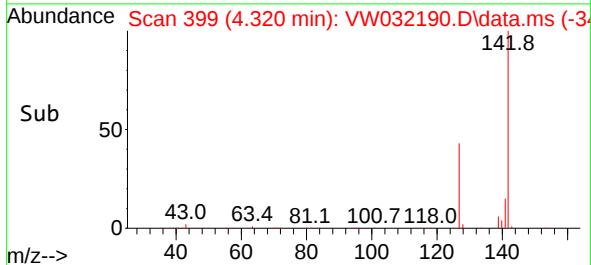
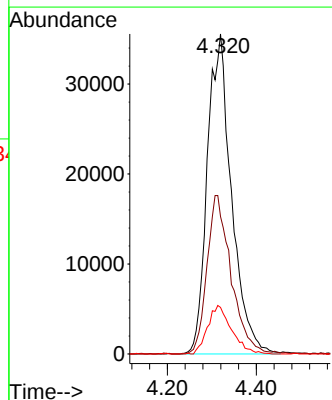
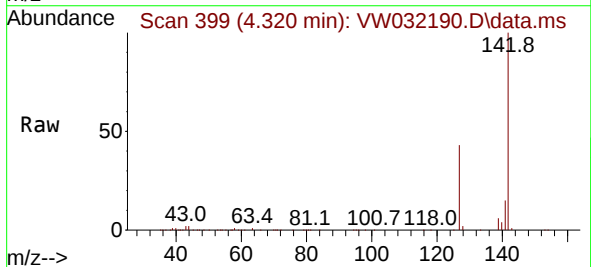
Instrument :
MSVOA_W
ClientSampleId :

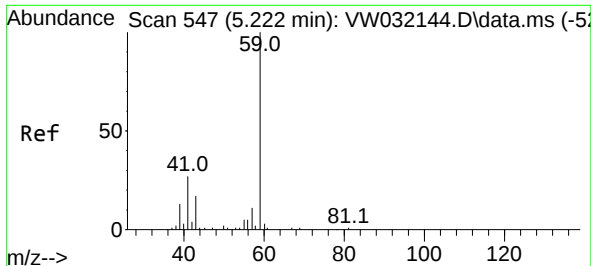
Tgt Ion:101 Resp: 108199
Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 73.3 61.5 92.3



#10
Methyl Iodide
Concen: 45.438 ug/l
RT: 4.320 min Scan# 399
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion:142 Resp: 134370
Ion Ratio Lower Upper
142 100
127 49.3 38.2 57.2
141 14.9 12.2 18.2

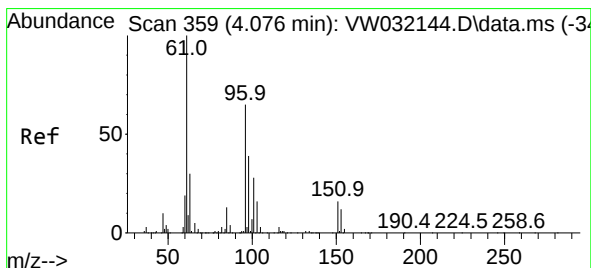
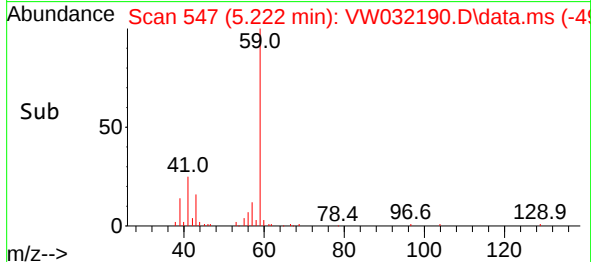
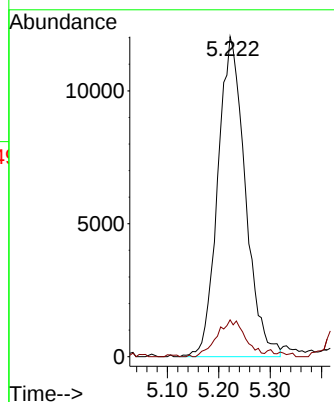
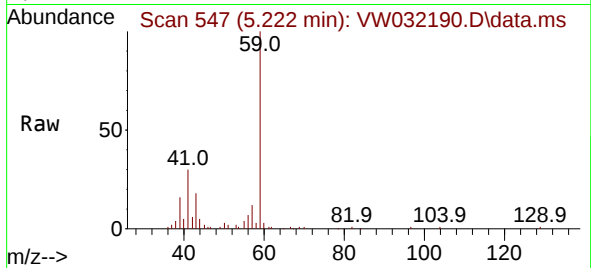




#11
Tert butyl alcohol
Concen: 264.505 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

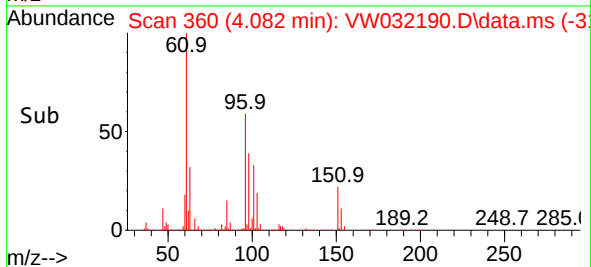
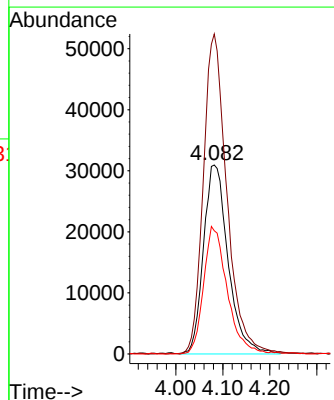
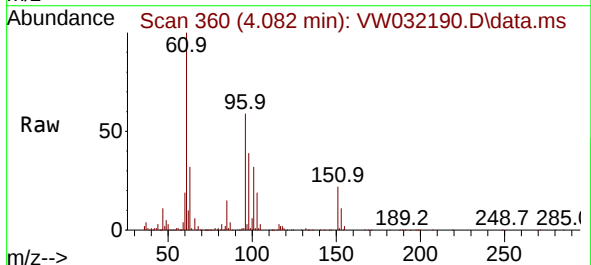
Instrument :
MSVOA_W
ClientSampleId :

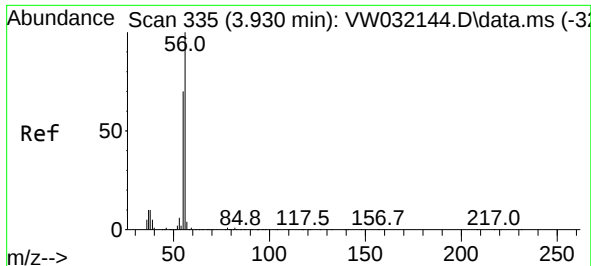
Tgt Ion: 59 Resp: 44778
Ion Ratio Lower Upper
59 100
57 11.8 9.8 14.6



#12
1,1-Dichloroethene
Concen: 55.196 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 96 Resp: 112893
Ion Ratio Lower Upper
96 100
61 169.0 123.0 184.4
98 65.3 48.5 72.7

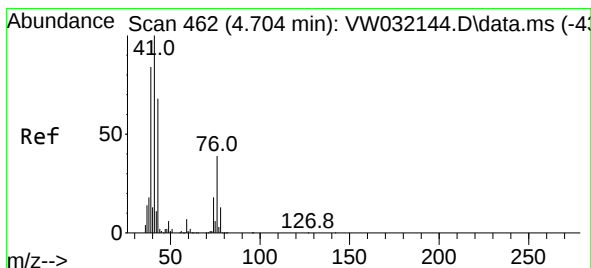
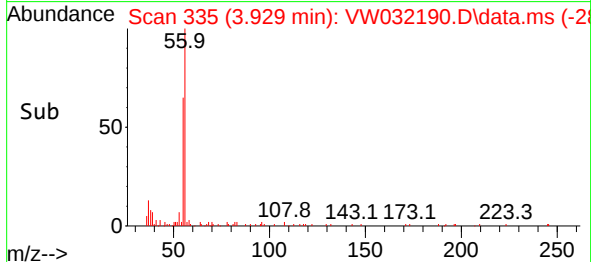
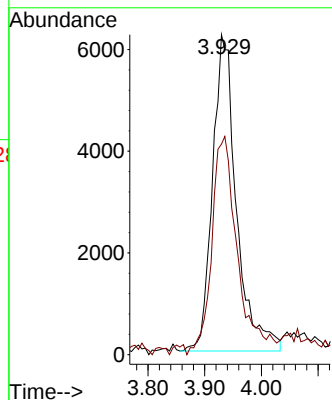
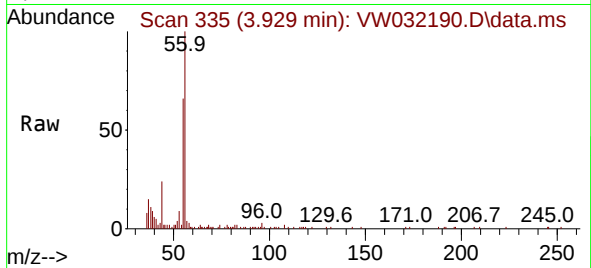




#13
Acrolein
Concen: 70.020 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

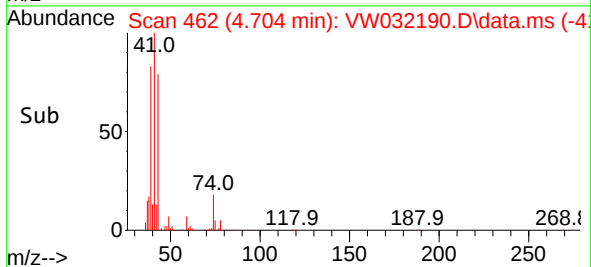
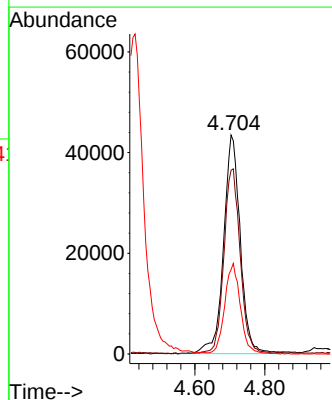
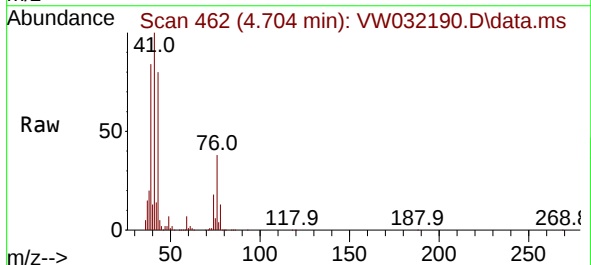
Instrument :
MSVOA_W
ClientSampleId :

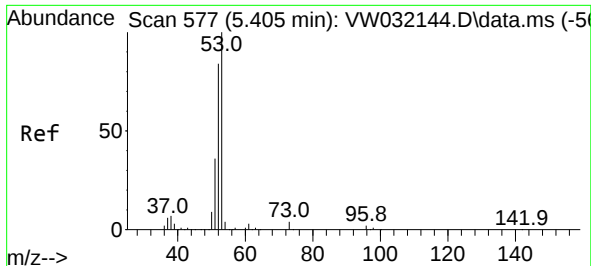
Tgt Ion: 56 Resp: 18221
Ion Ratio Lower Upper
56 100
55 74.3 56.4 84.6



#14
Allyl chloride
Concen: 49.446 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

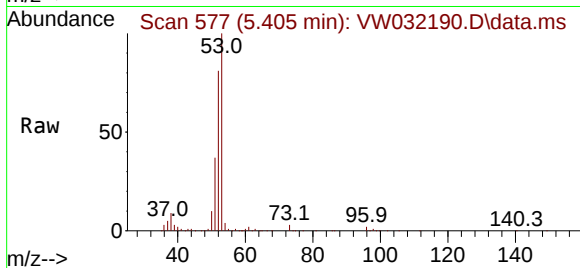
Tgt Ion: 41 Resp: 143654
Ion Ratio Lower Upper
41 100
39 82.4 64.1 96.1
76 38.9 31.4 47.2



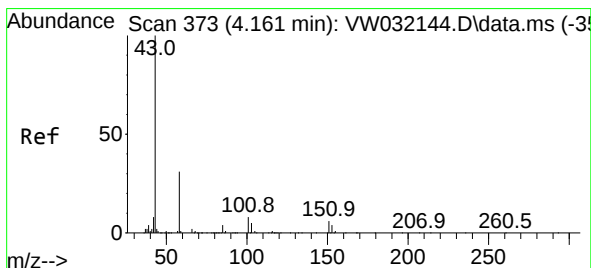
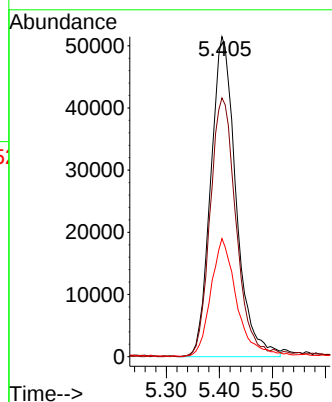
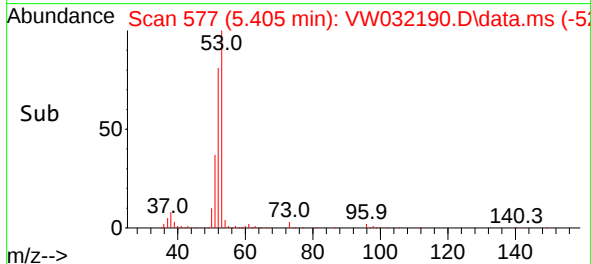


#15
Acrylonitrile
Concen: 272.916 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Instrument :
MSVOA_W
ClientSampleId :

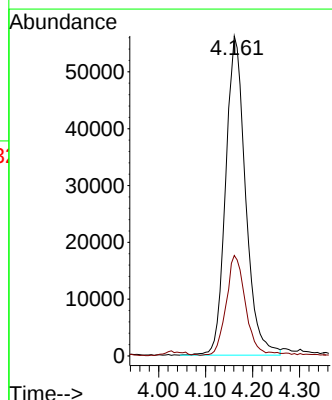
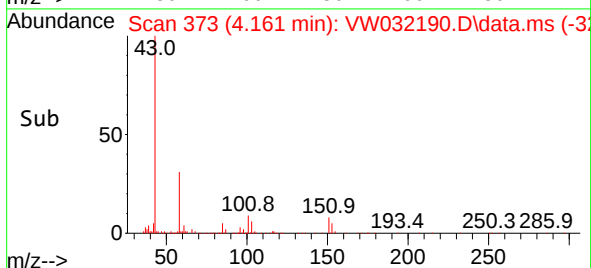
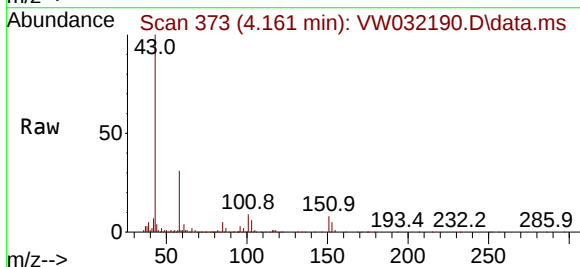


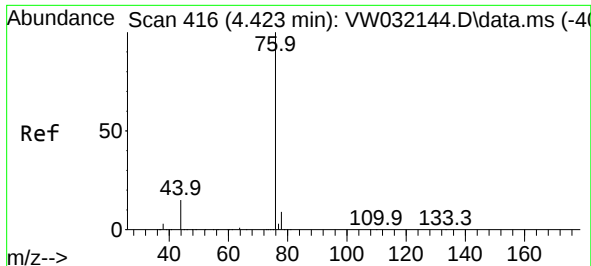
Tgt Ion: 53 Resp: 170711
Ion Ratio Lower Upper
53 100
52 82.4 67.4 101.2
51 37.4 30.3 45.5



#16
Acetone
Concen: 275.472 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 43 Resp: 165116
Ion Ratio Lower Upper
43 100
58 30.6 25.3 37.9

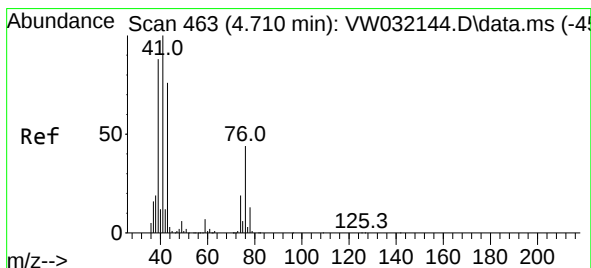
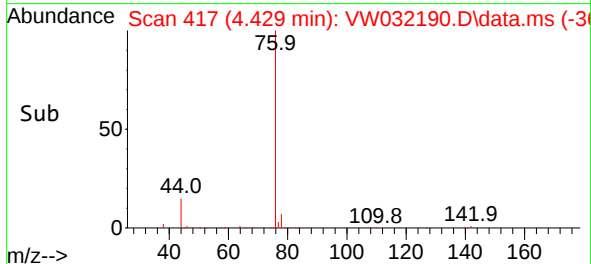
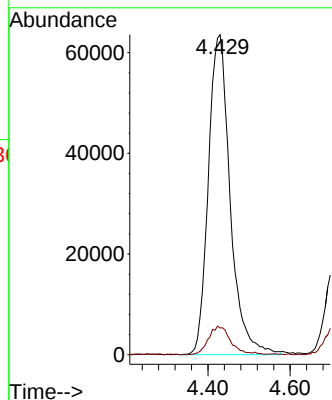
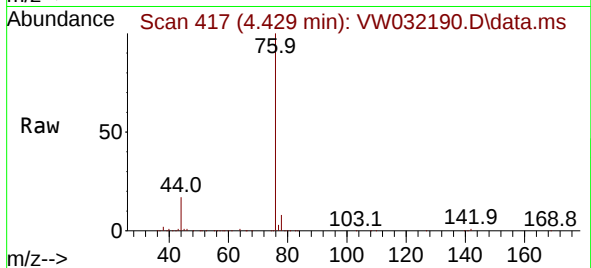




#17
Carbon Disulfide
Concen: 45.733 ug/l
RT: 4.429 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

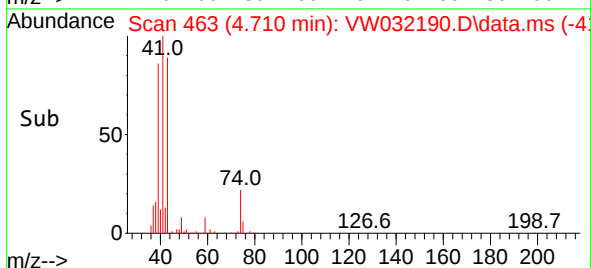
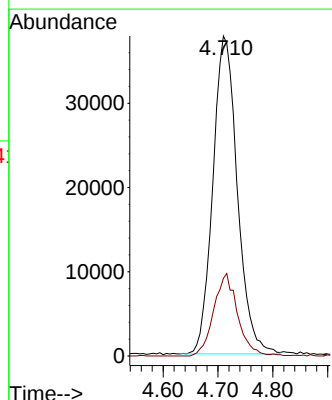
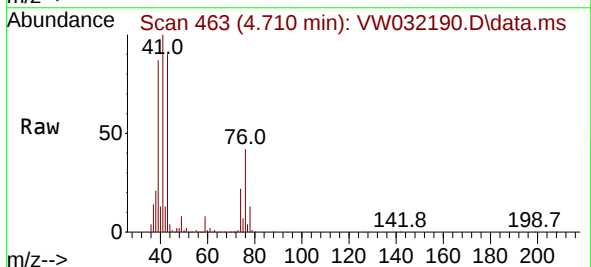
Instrument :
MSVOA_W
ClientSampleId :

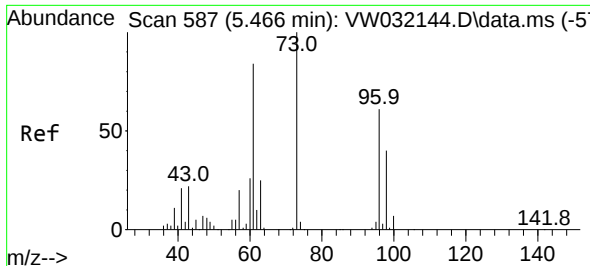
Tgt Ion: 76 Resp: 233948
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#18
Methyl Acetate
Concen: 61.342 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 43 Resp: 117150
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.4

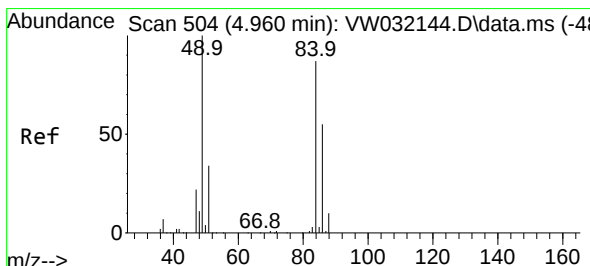
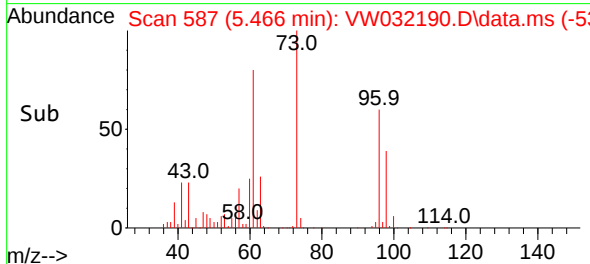
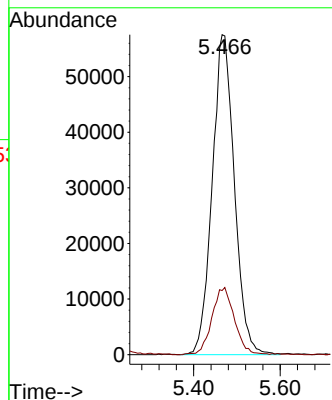
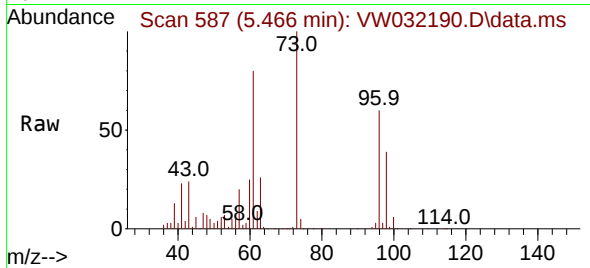




#19
Methyl tert-butyl Ether
Concen: 53.082 ug/l
RT: 5.466 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

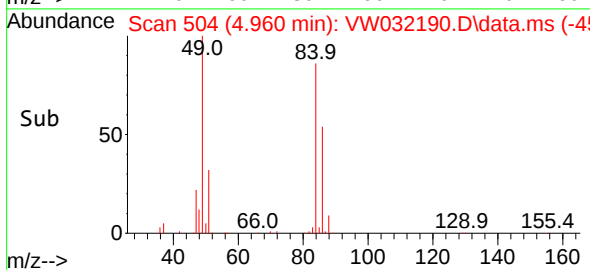
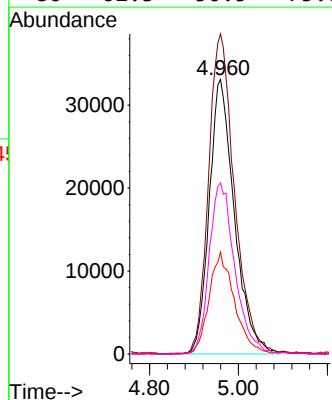
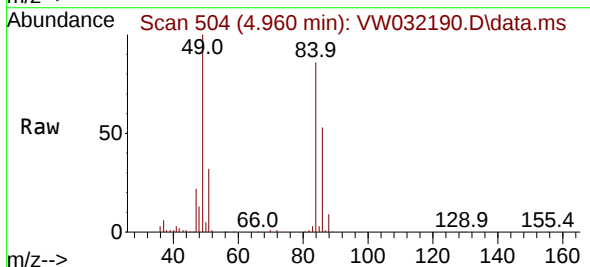
Instrument :
MSVOA_W
ClientSampleId :

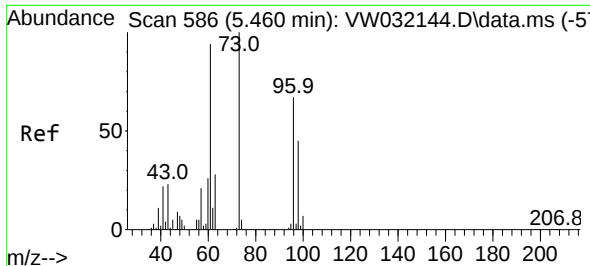
Tgt Ion: 73 Resp: 205015
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.4



#20
Methylene Chloride
Concen: 53.431 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

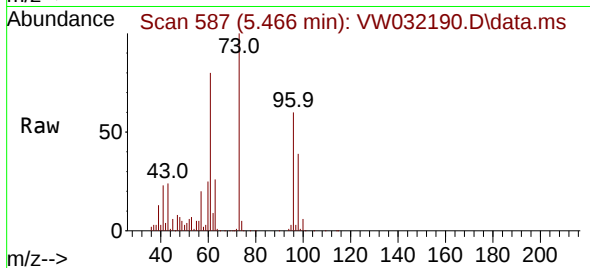
Tgt Ion: 84 Resp: 130074
Ion Ratio Lower Upper
84 100
49 116.3 92.2 138.4
51 36.9 31.0 46.6
86 62.3 50.5 75.7



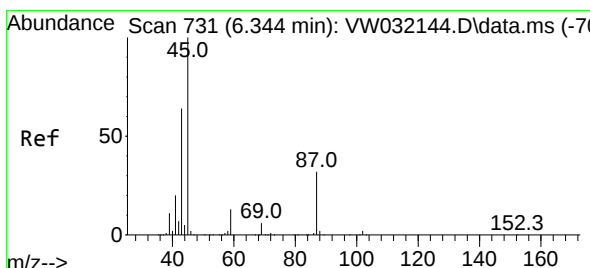
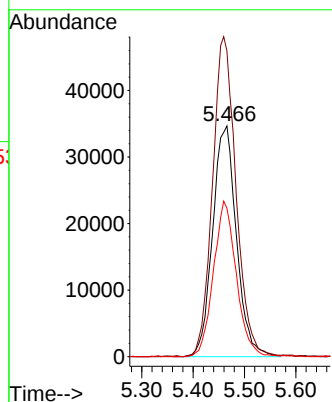
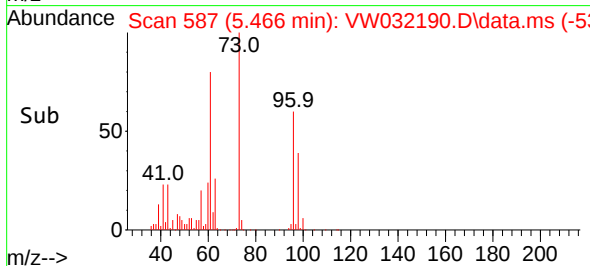


#21
trans-1,2-Dichloroethene
Concen: 48.803 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Instrument :
MSVOA_W
ClientSampleId :

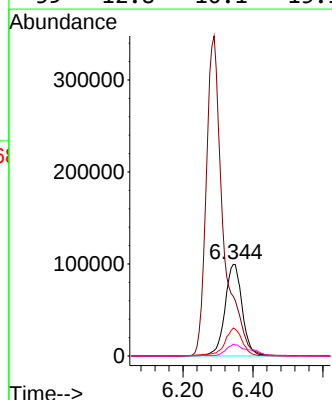
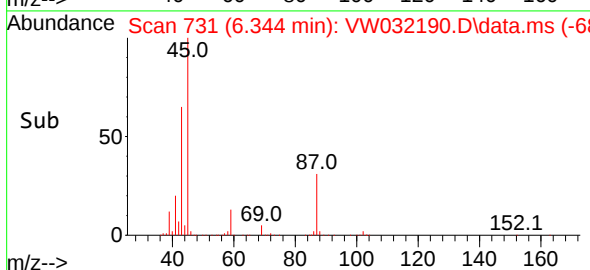
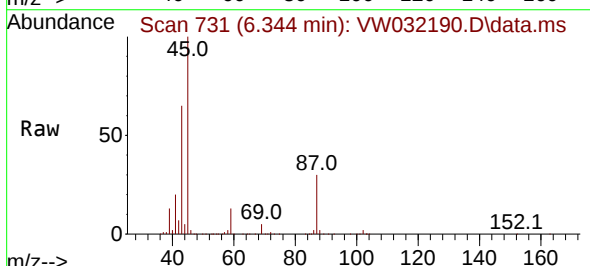


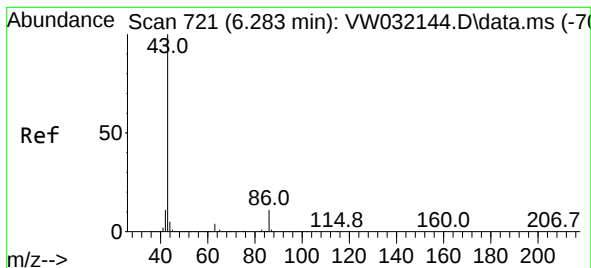
Tgt Ion: 96 Resp: 111506
Ion Ratio Lower Upper
96 100
61 132.4 112.5 168.7
98 64.4 54.2 81.4



#22
Diisopropyl ether
Concen: 53.748 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 45 Resp: 339859
Ion Ratio Lower Upper
45 100
43 65.0 51.4 77.2
87 30.5 25.9 38.9
59 12.8 10.1 15.1





#23

Vinyl Acetate

Concen: 270.809 ug/l

RT: 6.289 min Scan# 715

Delta R.T. 0.006 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

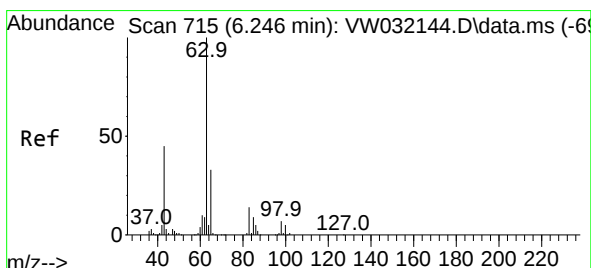
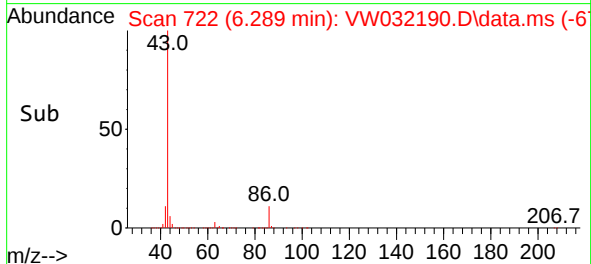
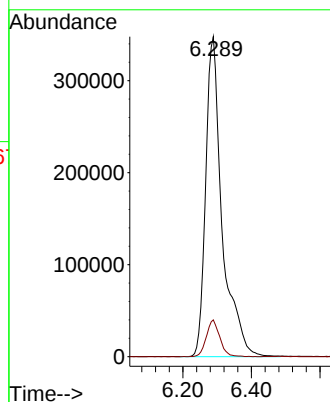
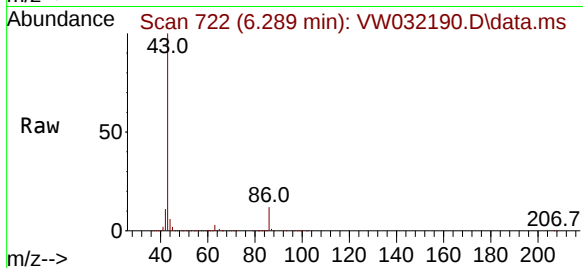
ClientSampleId :

Tgt Ion: 43 Resp: 1164218

Ion Ratio Lower Upper

43 100

86 11.5 8.8 13.2



#24

1,1-Dichloroethane

Concen: 51.241 ug/l

RT: 6.246 min Scan# 715

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

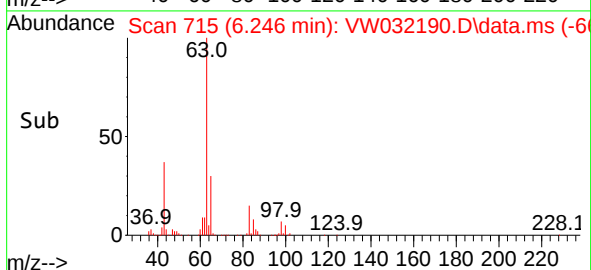
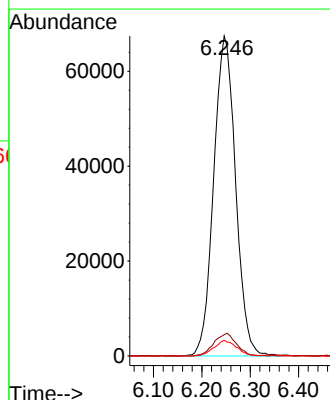
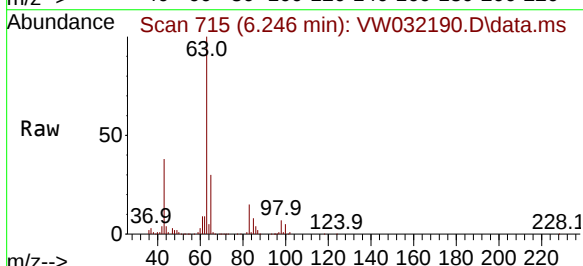
Tgt Ion: 63 Resp: 212113

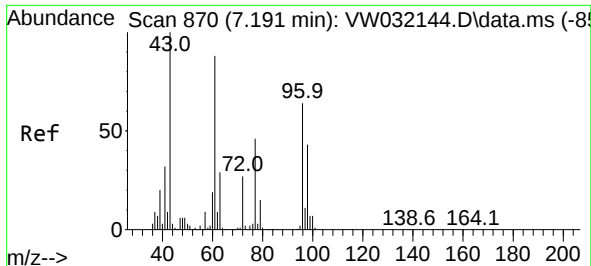
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.2

100 4.9 2.5 7.5

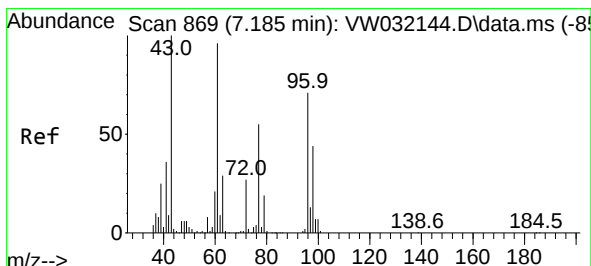
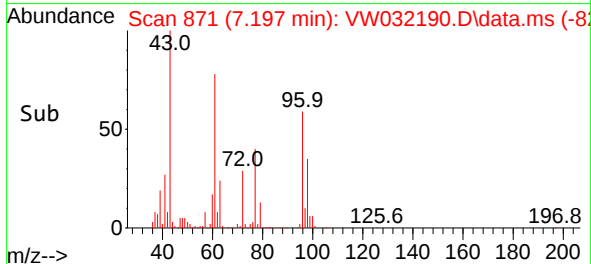
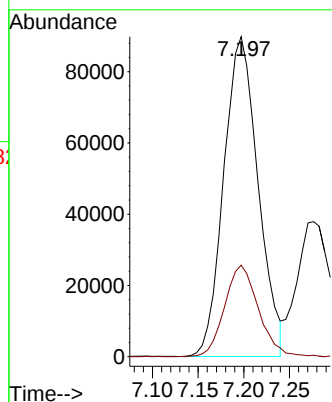
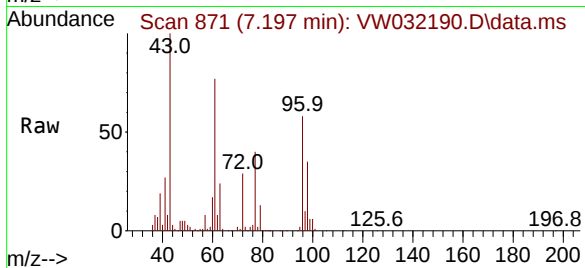




#25
2-Butanone
Concen: 276.537 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

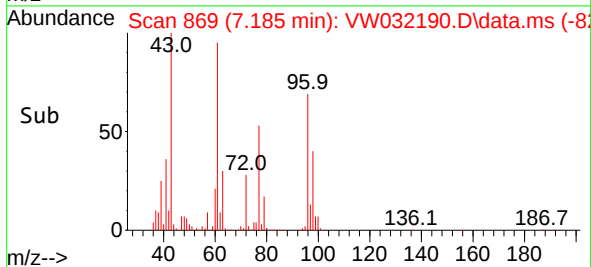
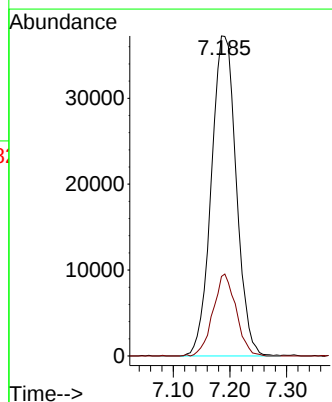
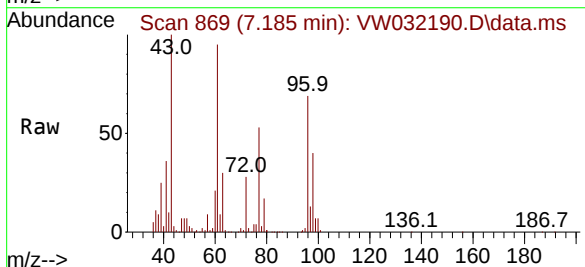
Instrument :
MSVOA_W
ClientSampleId :

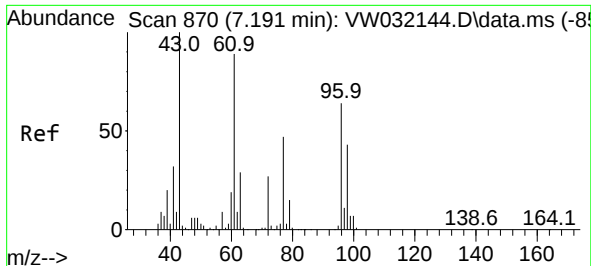
Tgt Ion: 43 Resp: 234879
Ion Ratio Lower Upper
43 100
72 28.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 51.899 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 77 Resp: 113771
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 51.022 ug/l

RT: 7.191 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

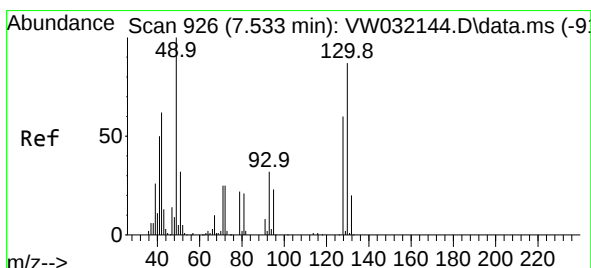
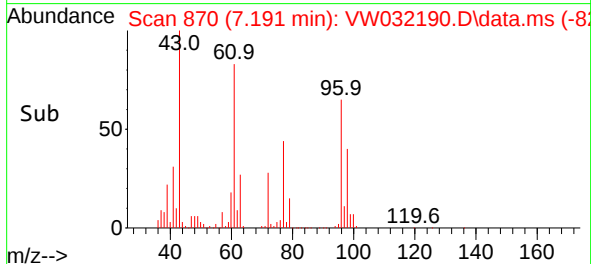
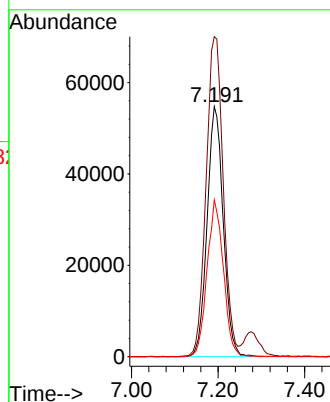
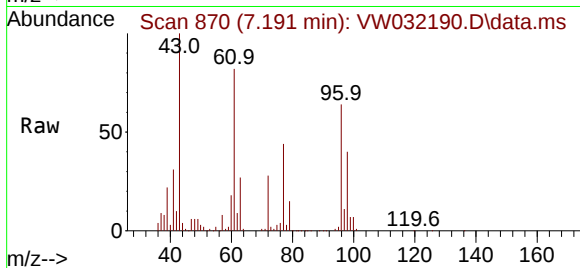
Tgt Ion: 96 Resp: 141858

Ion Ratio Lower Upper

96 100

61 135.5 0.0 268.0

98 63.3 0.0 130.8



#28

Bromochloromethane

Concen: 52.876 ug/l

RT: 7.538 min Scan# 927

Delta R.T. 0.006 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

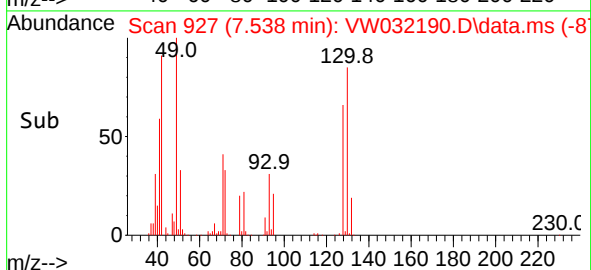
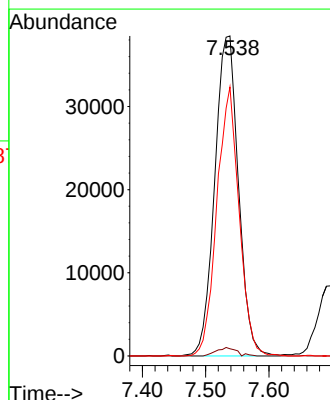
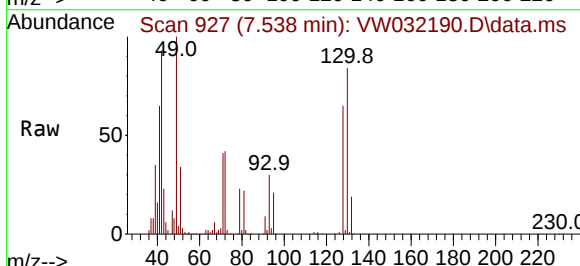
Tgt Ion: 49 Resp: 100198

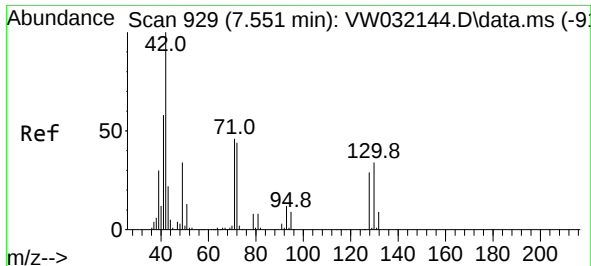
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

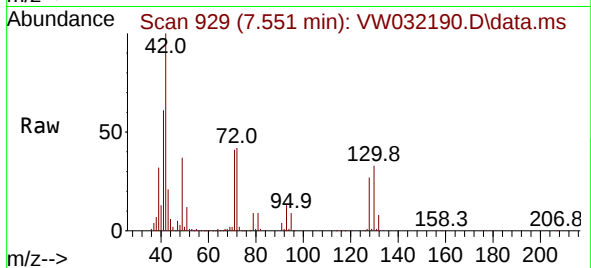
130 78.7 67.5 101.3



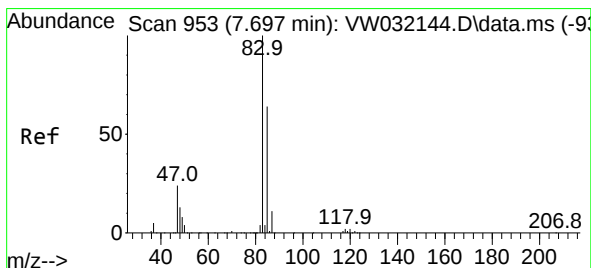
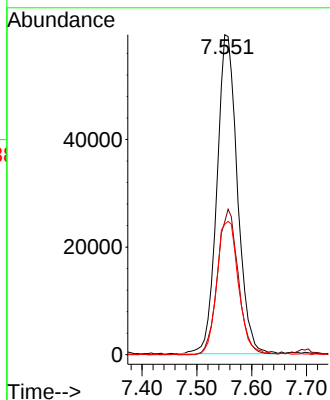
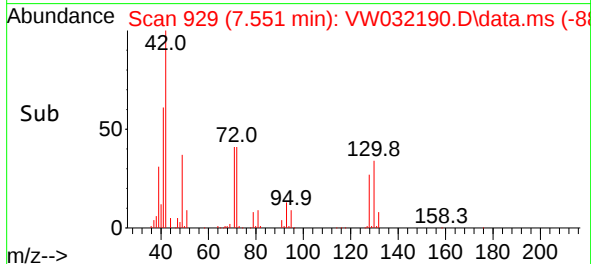


#29
Tetrahydrofuran
Concen: 285.242 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Instrument :
MSVOA_W
ClientSampleId :

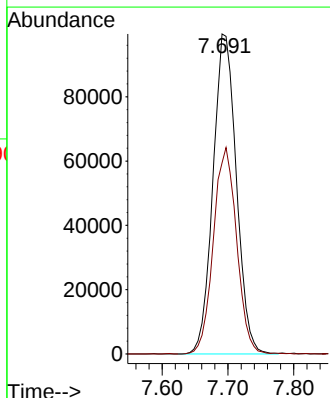
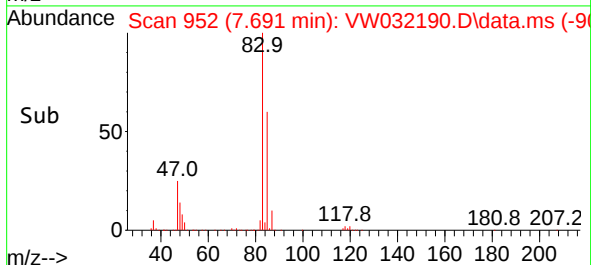
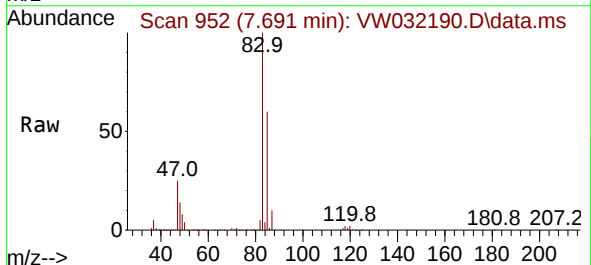


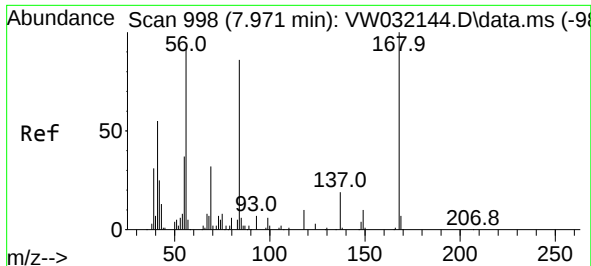
Tgt Ion: 42 Resp: 153955
Ion Ratio Lower Upper
42 100
72 46.3 37.4 56.2
71 44.5 36.0 54.0



#30
Chloroform
Concen: 52.057 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 83 Resp: 246034
Ion Ratio Lower Upper
83 100
85 59.7 51.2 76.8

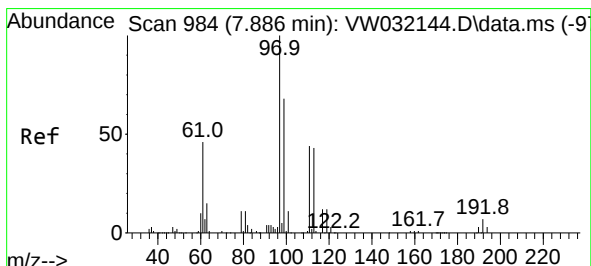
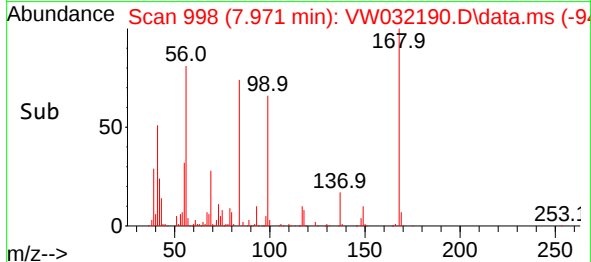
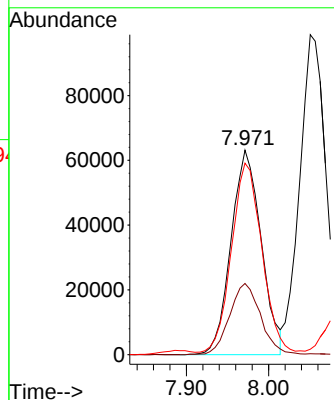
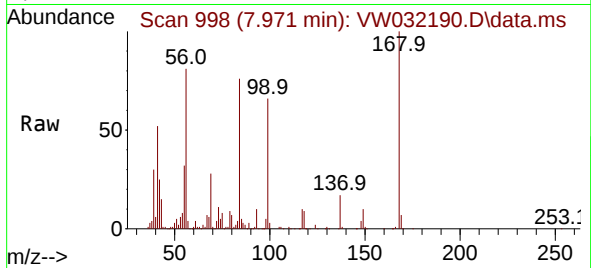




#31
Cyclohexane
Concen: 47.413 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

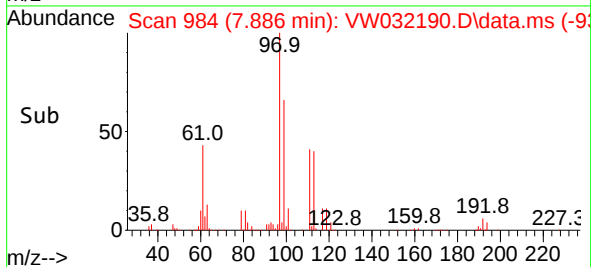
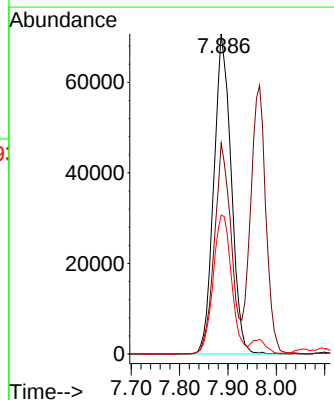
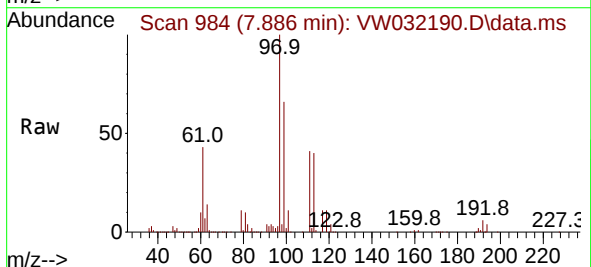
Instrument :
MSVOA_W
ClientSampleId :

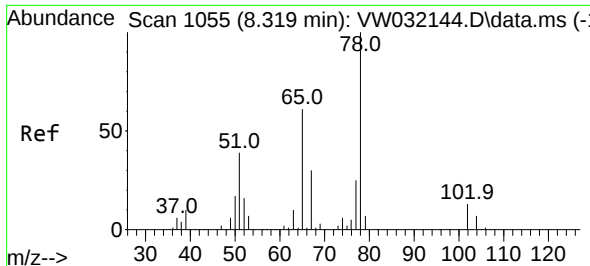
Tgt Ion: 56 Resp: 161094
Ion Ratio Lower Upper
56 100
69 34.9 27.7 41.5
84 91.8 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 51.113 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 97 Resp: 176346
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 46.1 36.2 54.4

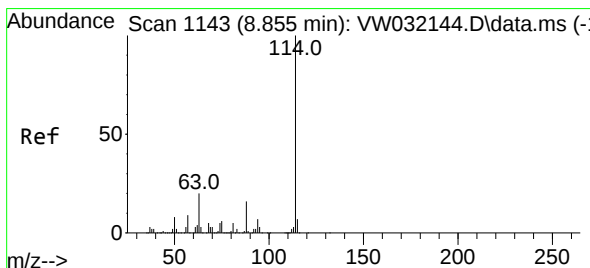
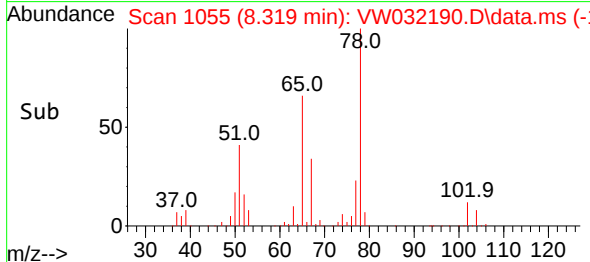
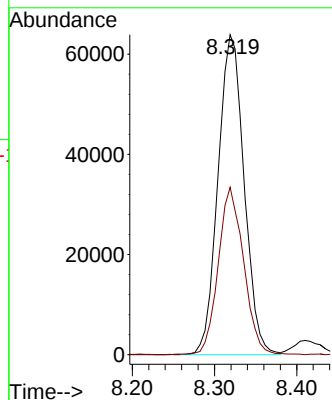
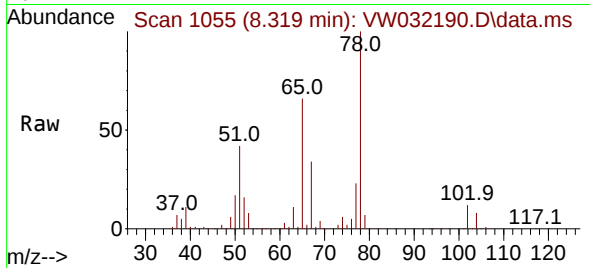




#33
 1,2-Dichloroethane-d4
 Concen: 50.955 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032190.D
 Acq: 17 Sep 2025 15:21

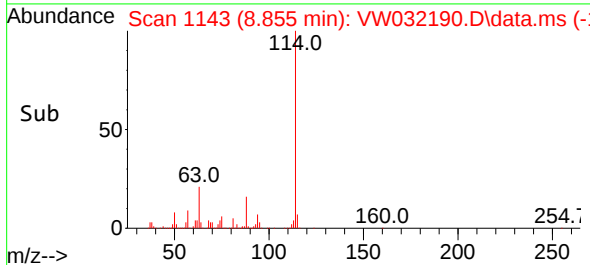
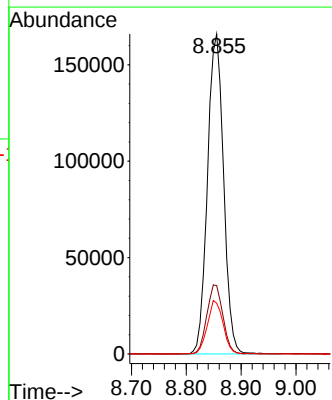
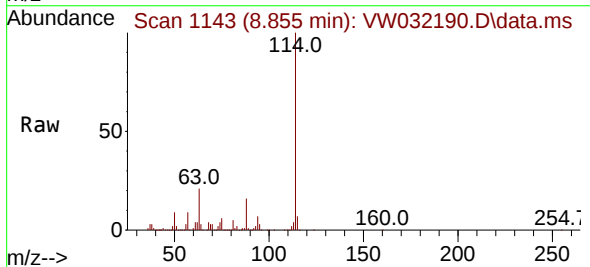
Instrument :
 MSVOA_W
 ClientSampleId :

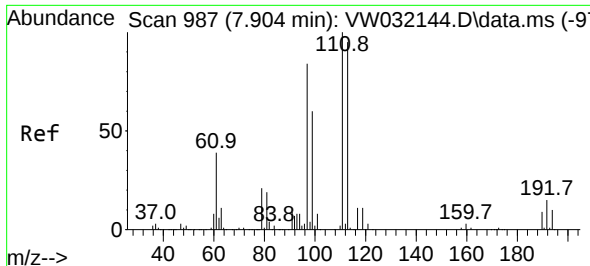
Tgt Ion: 65 Resp: 141026
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032190.D
 Acq: 17 Sep 2025 15:21

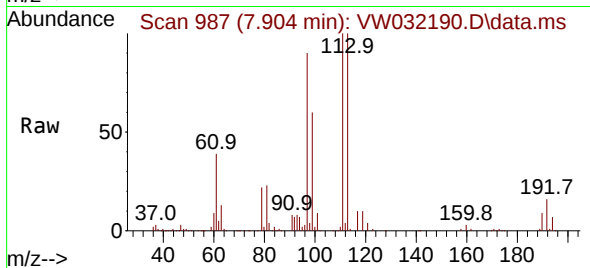
Tgt Ion: 114 Resp: 337094
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.4
 88 15.9 0.0 32.0



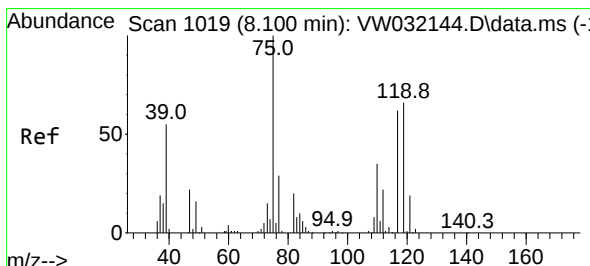
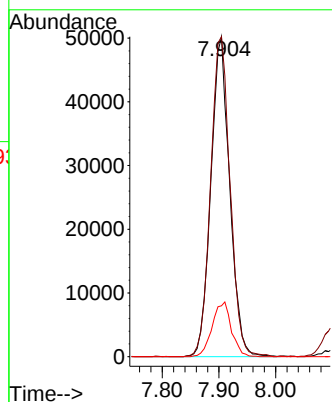
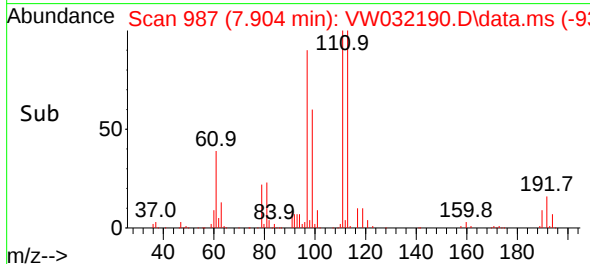


#35
Dibromofluoromethane
Concen: 48.887 ug/l
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

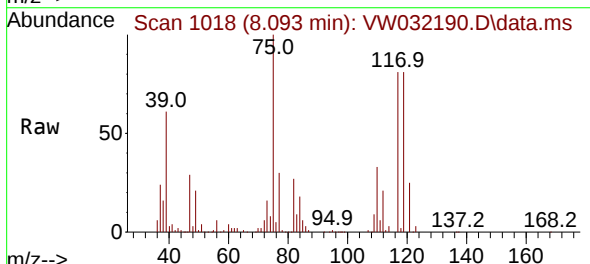
Instrument :
MSVOA_W
ClientSampleId :



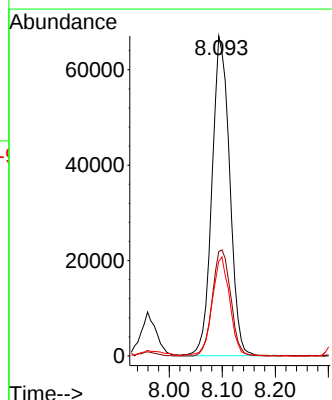
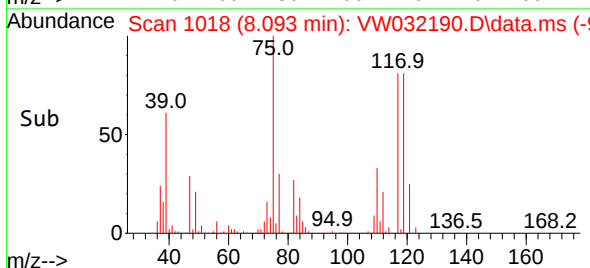
Tgt Ion:113 Resp: 115619
Ion Ratio Lower Upper
113 100
111 103.3 83.9 125.9
192 17.5 14.6 21.8

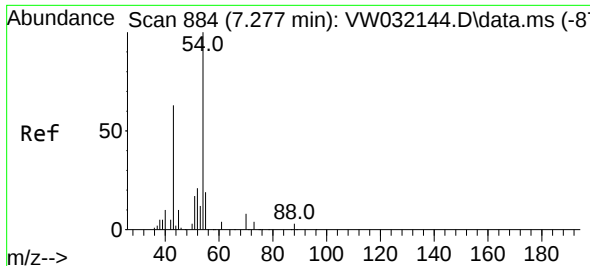


#36
1,1-Dichloropropene
Concen: 50.656 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21



Tgt Ion: 75 Resp: 155333
Ion Ratio Lower Upper
75 100
110 34.4 17.5 52.5
77 30.9 24.1 36.1





#37

Ethyl Acetate

Concen: 55.945 ug/l

RT: 7.276 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

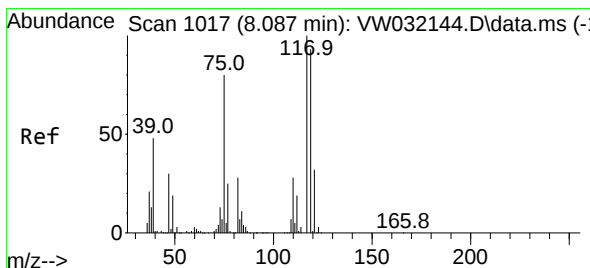
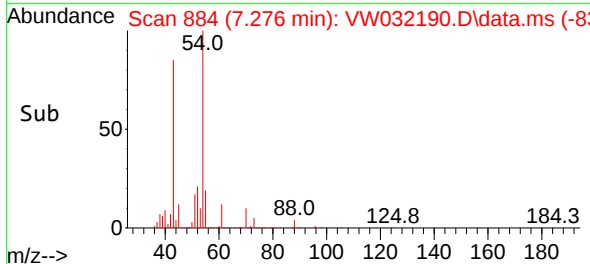
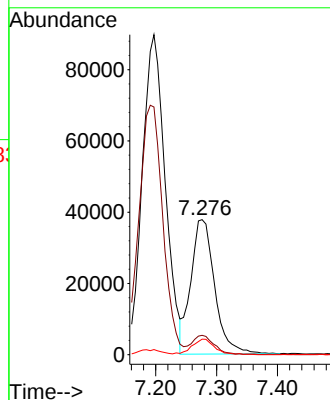
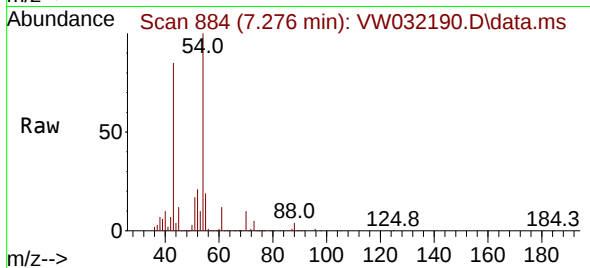
Tgt Ion: 43 Resp: 102912

Ion Ratio Lower Upper

43 100

61 13.2 11.3 16.9

70 11.1 8.9 13.3



#38

Carbon Tetrachloride

Concen: 50.501 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

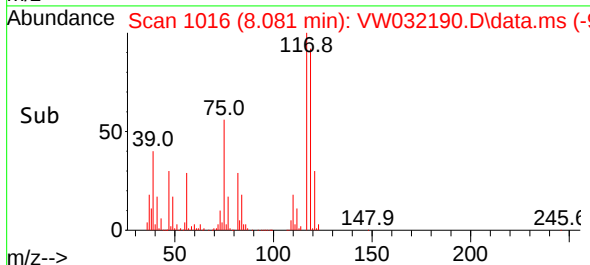
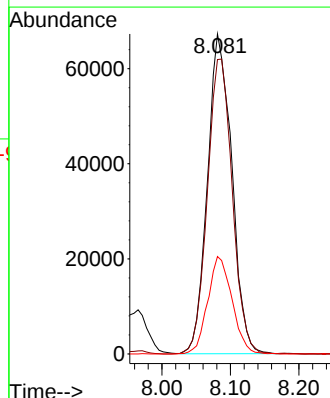
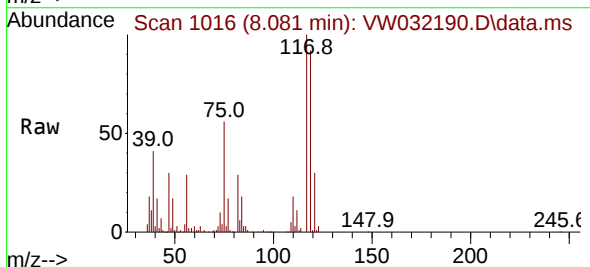
Tgt Ion: 117 Resp: 166009

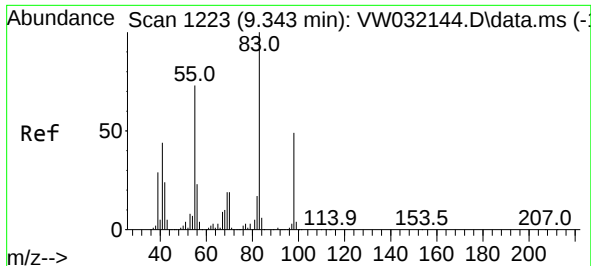
Ion Ratio Lower Upper

117 100

119 92.0 74.2 111.2

121 30.5 25.6 38.4





#39

Methylcyclohexane

Concen: 49.704 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

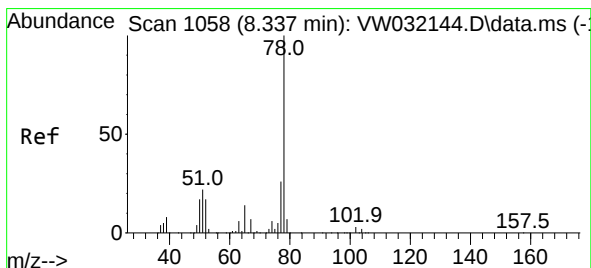
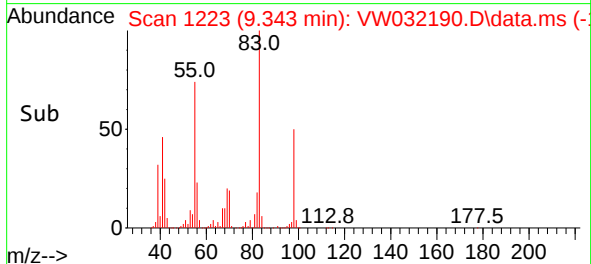
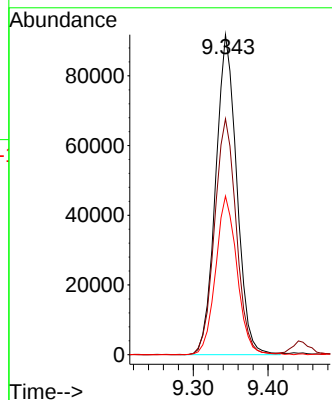
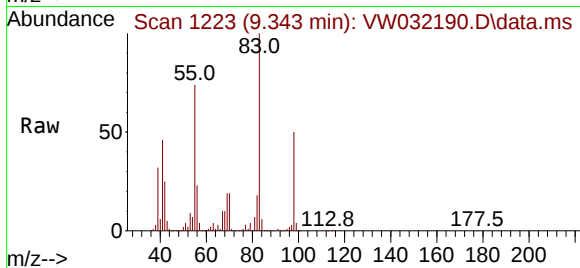
Tgt Ion: 83 Resp: 180526

Ion Ratio Lower Upper

83 100

55 73.6 58.4 87.6

98 49.5 39.4 59.2



#40

Benzene

Concen: 50.277 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032190.D

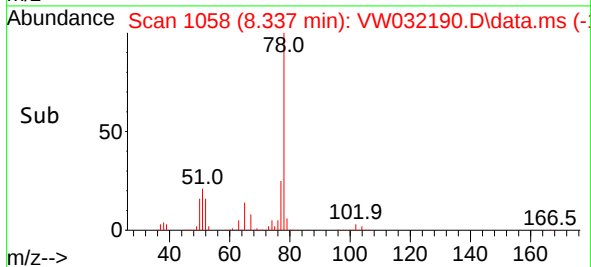
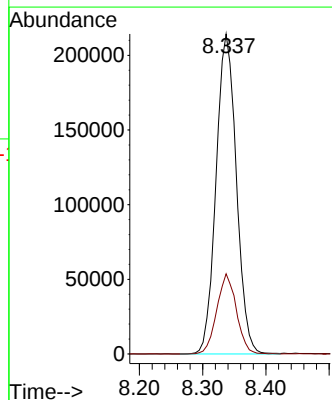
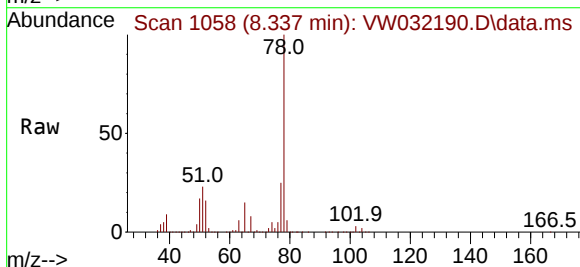
Acq: 17 Sep 2025 15:21

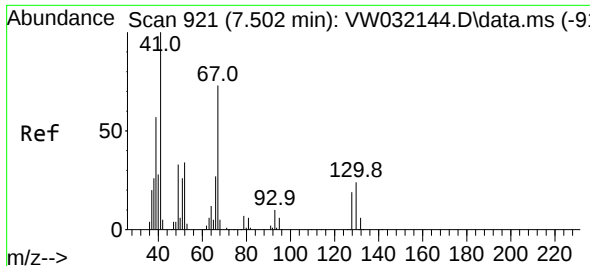
Tgt Ion: 78 Resp: 476562

Ion Ratio Lower Upper

78 100

77 25.0 20.7 31.1

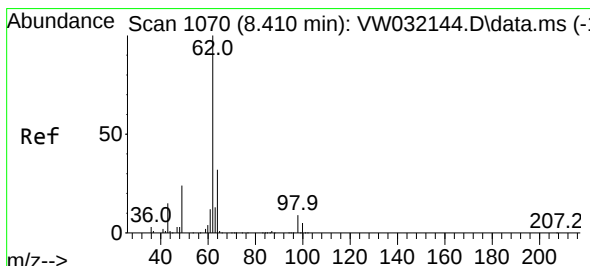
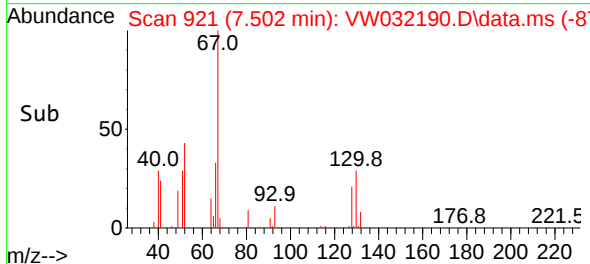
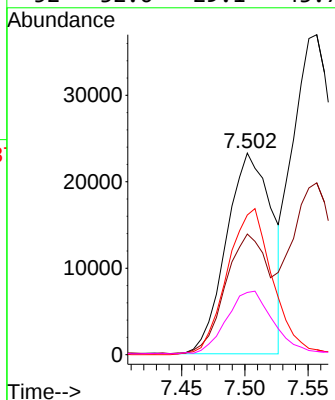
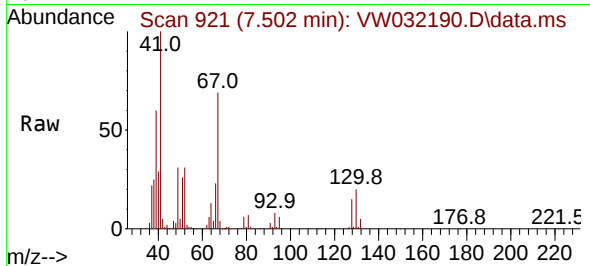




#41
Methacrylonitrile
Concen: 56.972 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

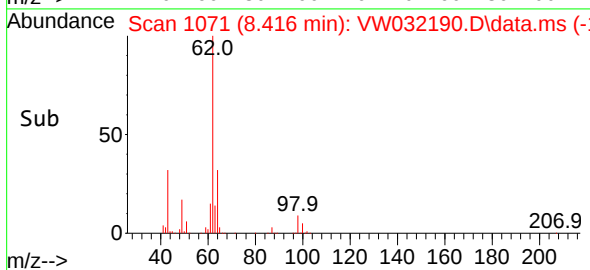
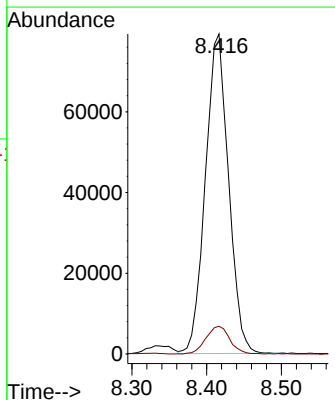
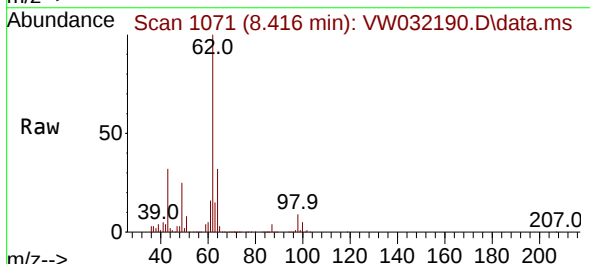
Instrument :
MSVOA_W
ClientSampleId :

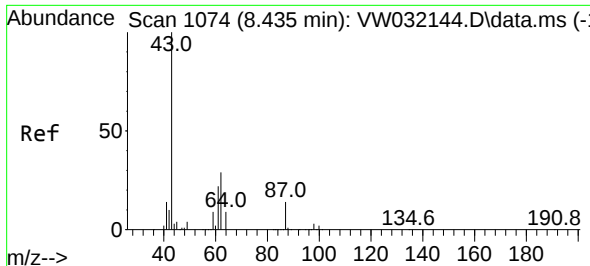
Tgt Ion: 41	Resp: 58226
Ion Ratio	Lower Upper
41 100	
39 53.9	50.9 76.3
67 73.3	65.6 98.4
52 32.6	29.1 43.7



#42
1,2-Dichloroethane
Concen: 51.964 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

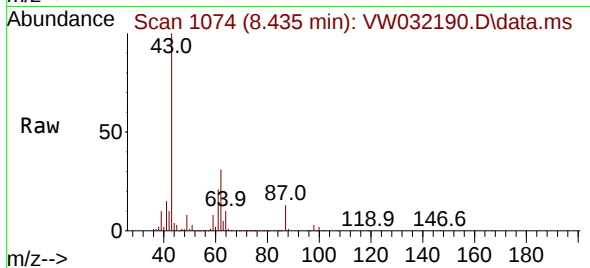
Tgt Ion: 62	Resp: 170751
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 18.0



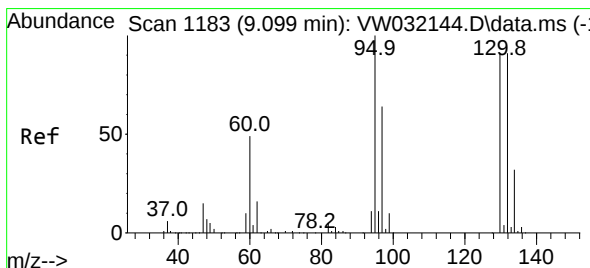
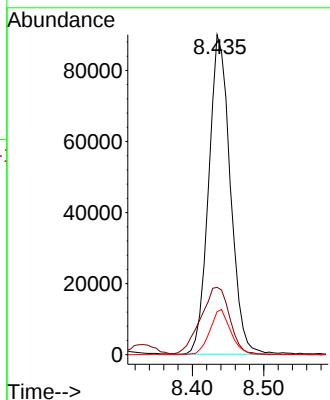
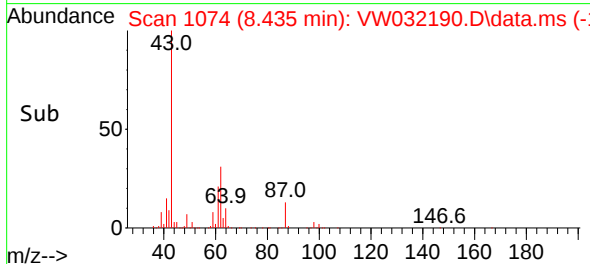


#43
Isopropyl Acetate
Concen: 54.668 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Instrument :
MSVOA_W
ClientSampleId :

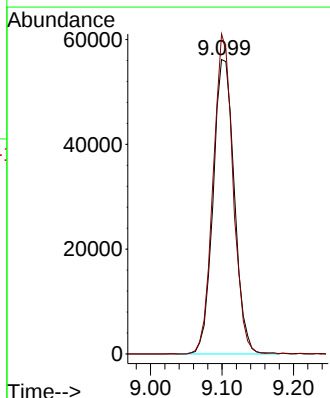
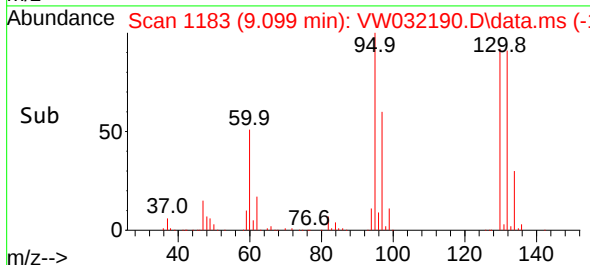
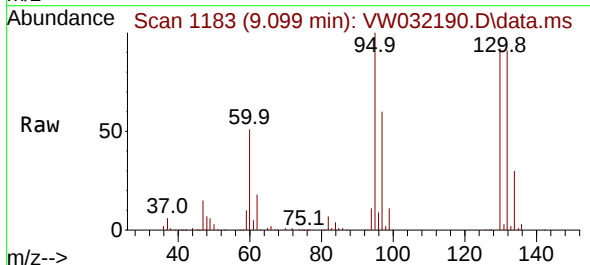


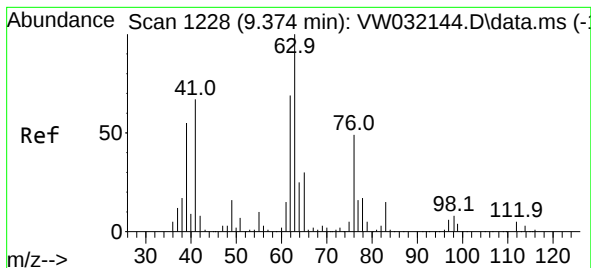
Tgt Ion: 43 Resp: 188658
Ion Ratio Lower Upper
43 100
61 28.1 23.3 34.9
87 13.7 11.1 16.7



#44
Trichloroethene
Concen: 48.408 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion:130 Resp: 115390
Ion Ratio Lower Upper
130 100
95 108.7 0.0 220.0





#45

1,2-Dichloropropane

Concen: 50.994 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

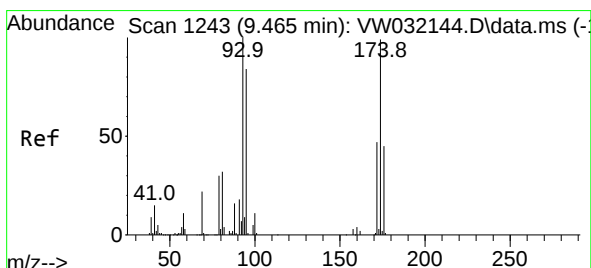
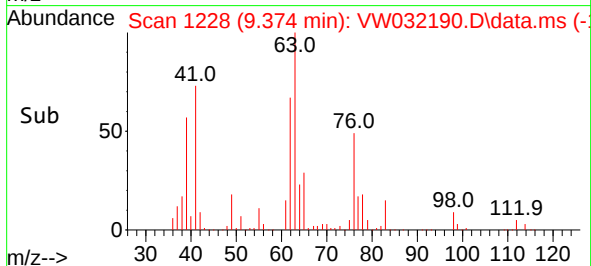
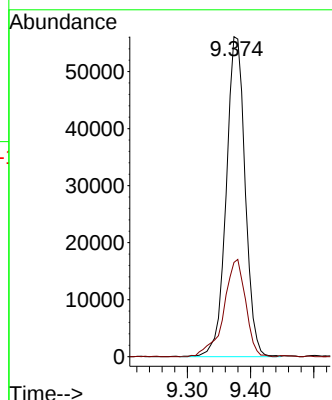
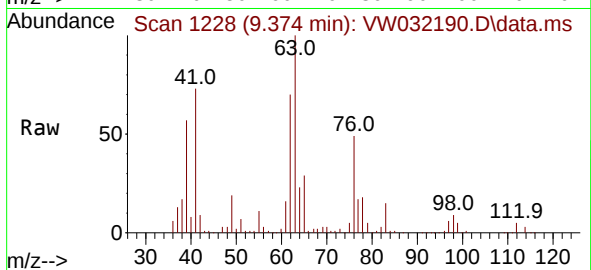
ClientSampleId :

Tgt Ion: 63 Resp: 116521

Ion Ratio Lower Upper

63 100

65 29.5 24.3 36.5



#46

Dibromomethane

Concen: 51.282 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

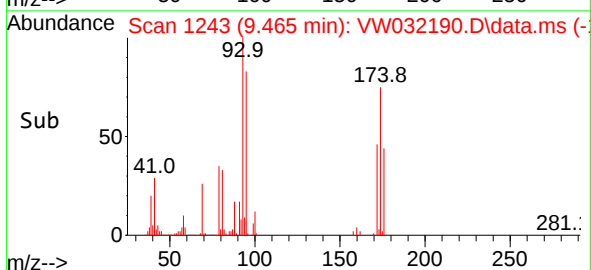
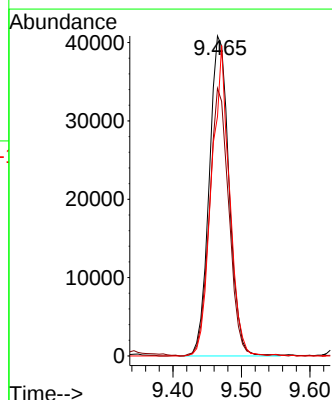
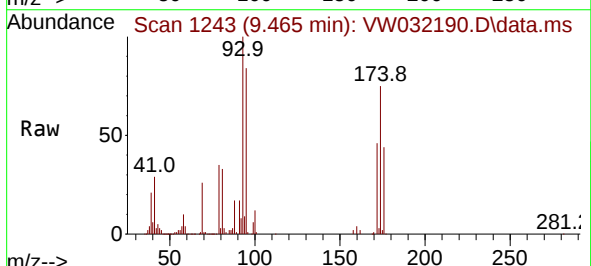
Tgt Ion: 93 Resp: 82188

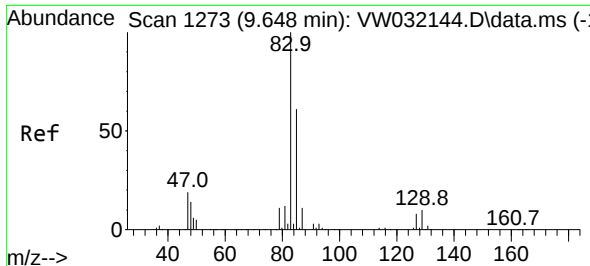
Ion Ratio Lower Upper

93 100

95 82.1 67.4 101.2

174 87.4 75.7 113.5

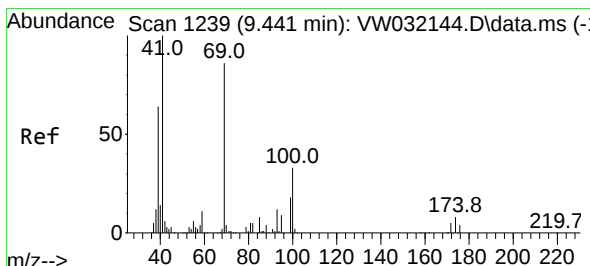
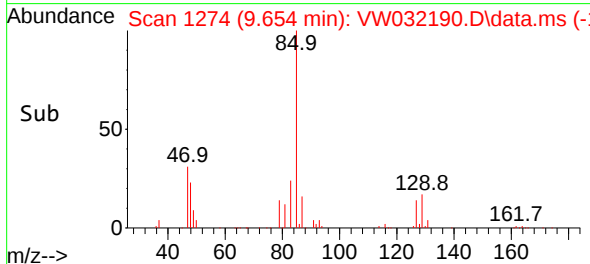
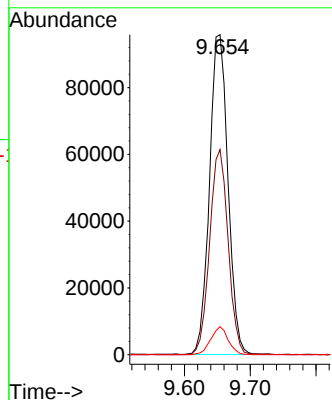
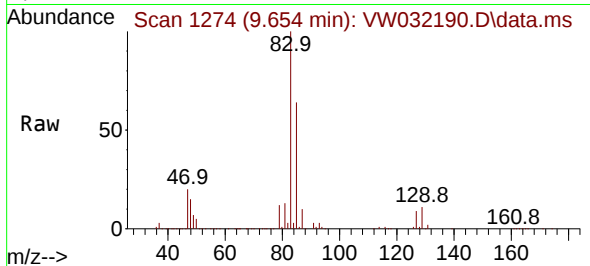




#47
Bromodichloromethane
Concen: 51.442 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

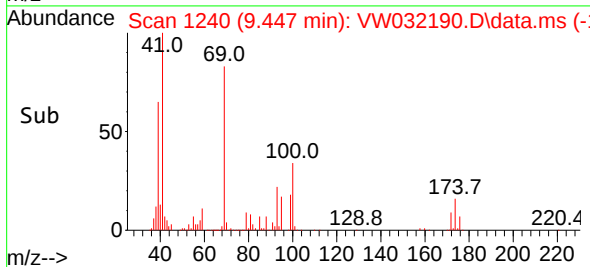
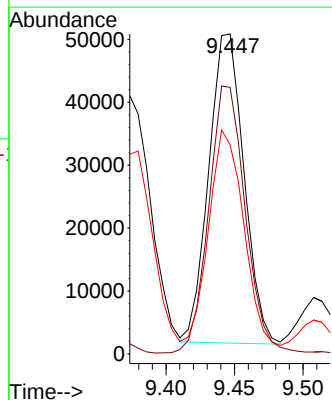
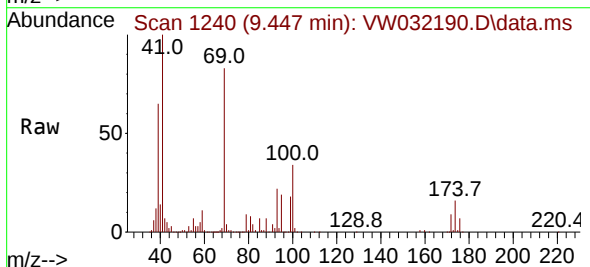
Instrument :
MSVOA_W
ClientSampleId :

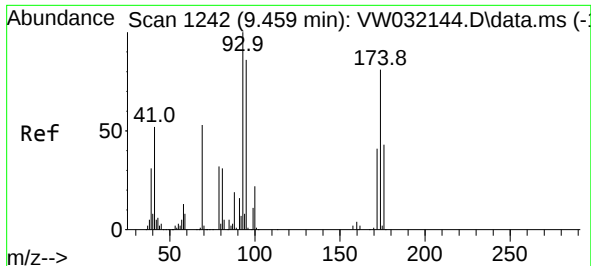
Tgt Ion: 83 Resp: 187354
Ion Ratio Lower Upper
83 100
85 64.1 48.7 73.1
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 55.190 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 41 Resp: 87773
Ion Ratio Lower Upper
41 100
69 90.0 71.5 107.3
39 68.5 55.9 83.9





#49

1,4-Dioxane

Concen: 1153.175 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

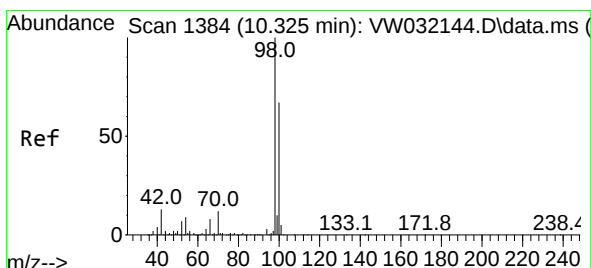
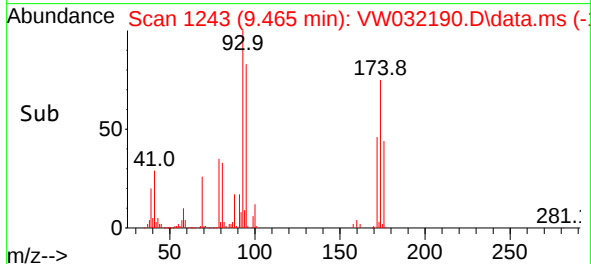
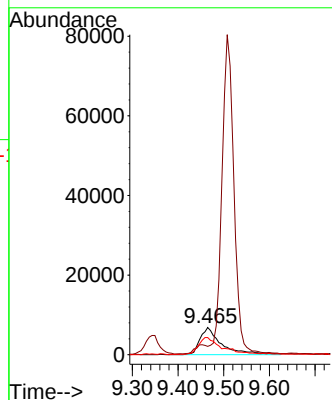
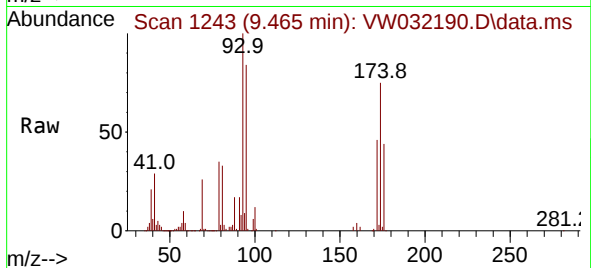
Tgt Ion: 88 Resp: 22330

Ion Ratio Lower Upper

88 100

43 20.0 18.0 27.0

58 70.2 55.4 83.0



#50

Toluene-d8

Concen: 49.060 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032190.D

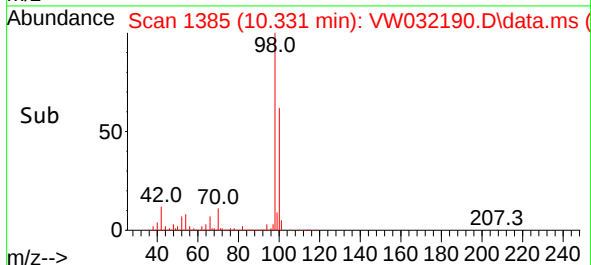
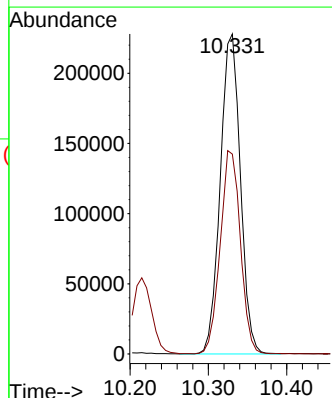
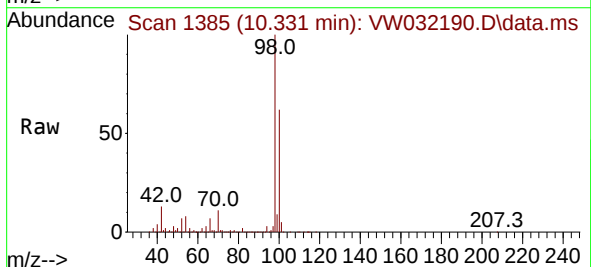
Acq: 17 Sep 2025 15:21

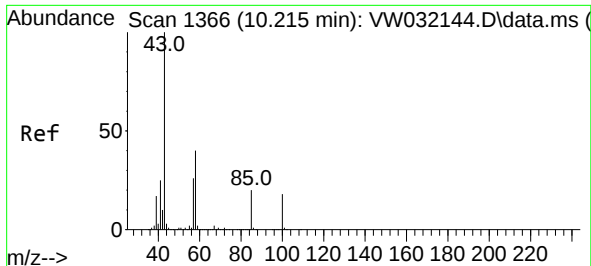
Tgt Ion: 98 Resp: 407316

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.2

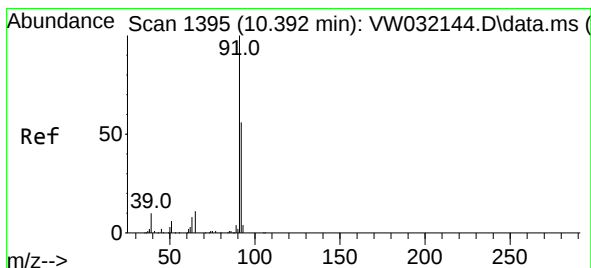
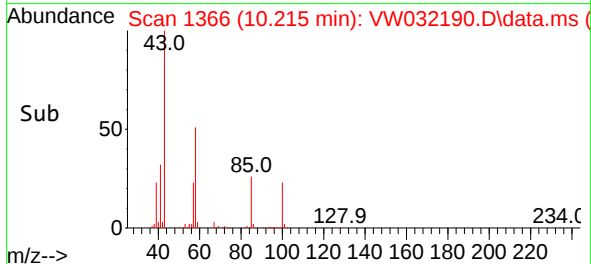
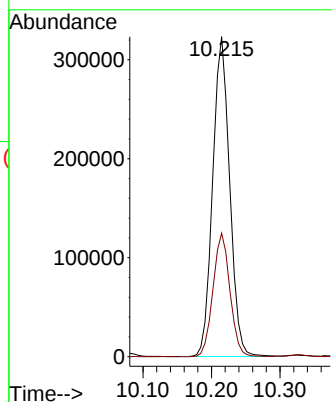
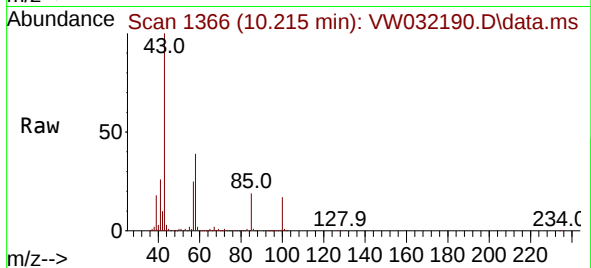




#51
4-Methyl-2-Pentanone
Concen: 284.919 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

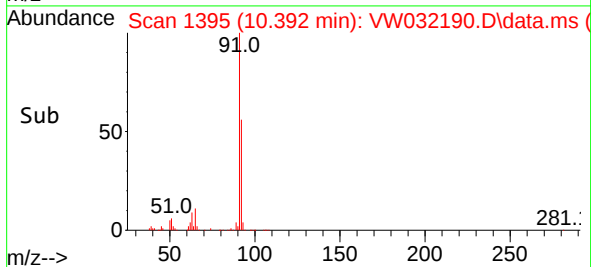
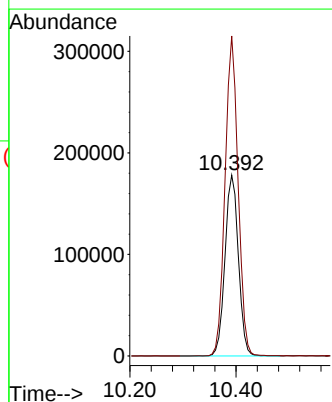
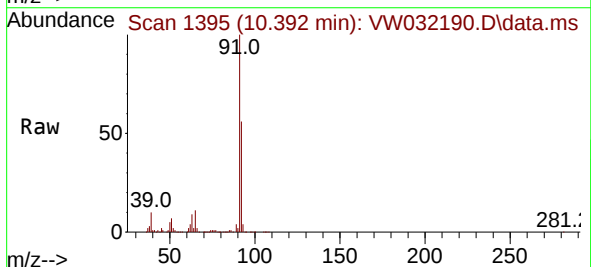
Instrument :
MSVOA_W
ClientSampleId :

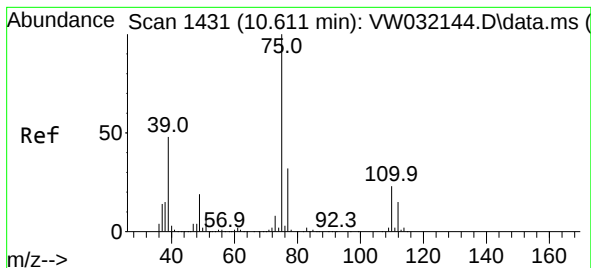
Tgt Ion: 43 Resp: 555195
Ion Ratio Lower Upper
43 100
58 38.6 32.0 48.0



#52
Toluene
Concen: 50.416 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 92 Resp: 312286
Ion Ratio Lower Upper
92 100
91 172.1 137.5 206.3

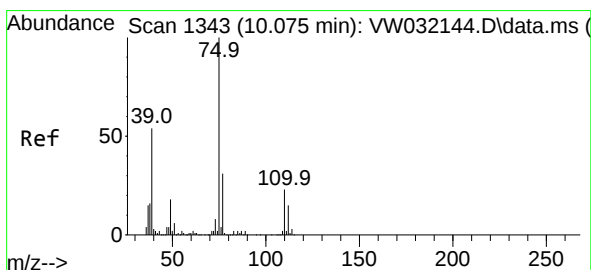
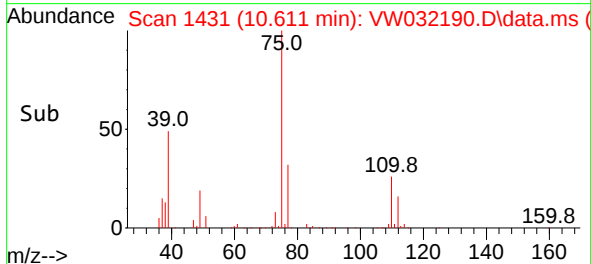
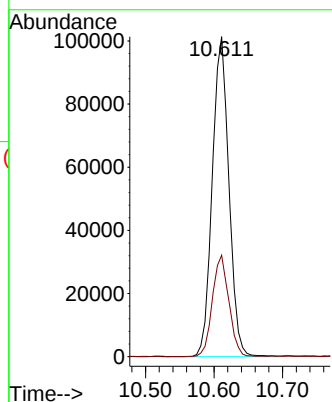
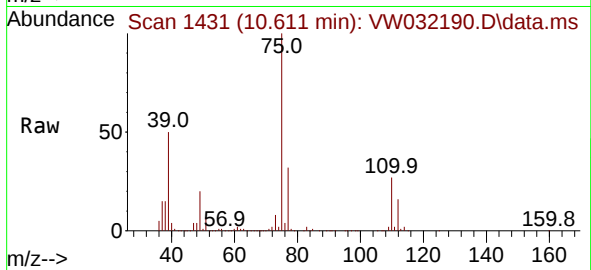




#53
t-1,3-Dichloropropene
Concen: 53.097 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

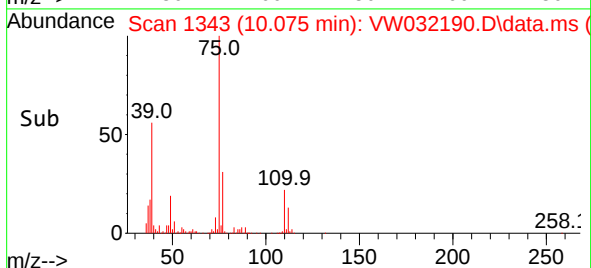
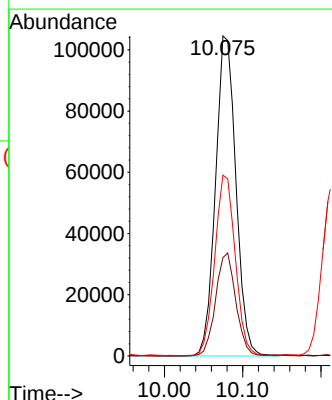
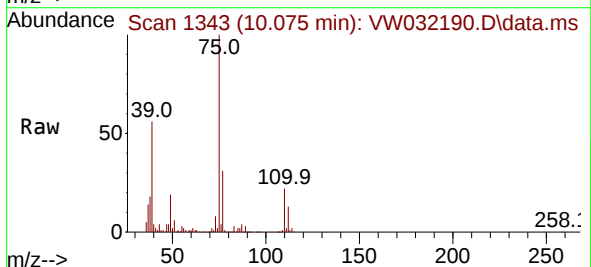
Instrument :
MSVOA_W
ClientSampleId :

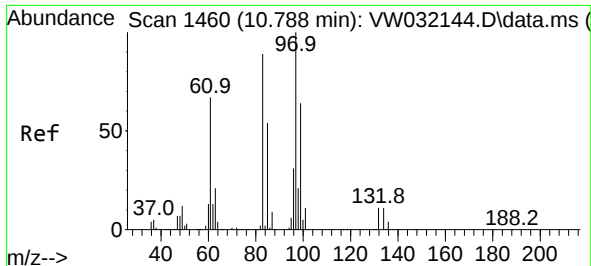
Tgt Ion: 75 Resp: 170596
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 51.686 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 75 Resp: 189482
Ion Ratio Lower Upper
75 100
77 30.7 25.1 37.7
39 56.4 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 50.882 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 106040

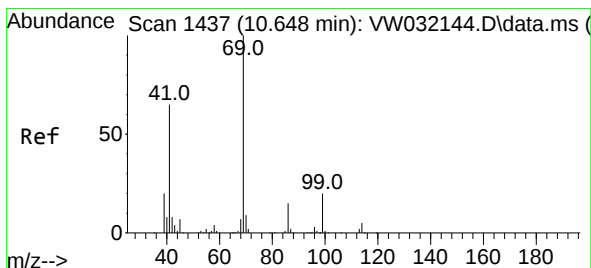
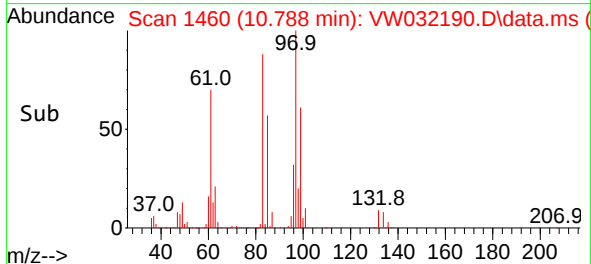
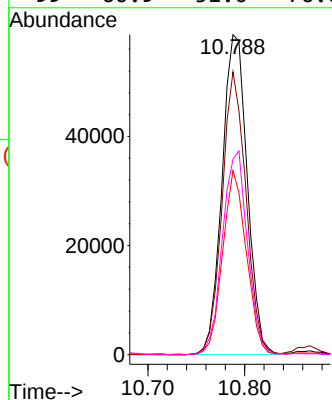
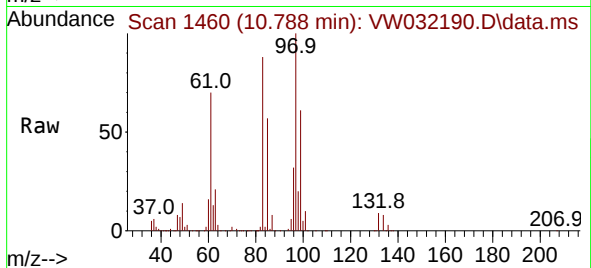
Ion Ratio Lower Upper

97 100

83 88.4 71.0 106.6

85 57.5 42.8 64.2

99 60.9 51.0 76.6



#56

Ethyl methacrylate

Concen: 55.054 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

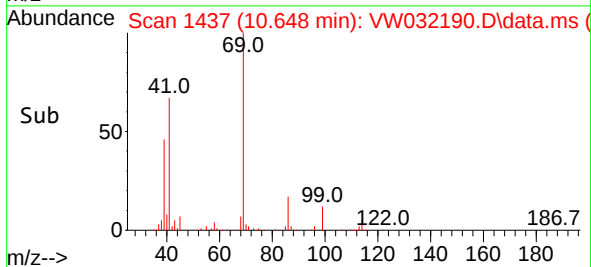
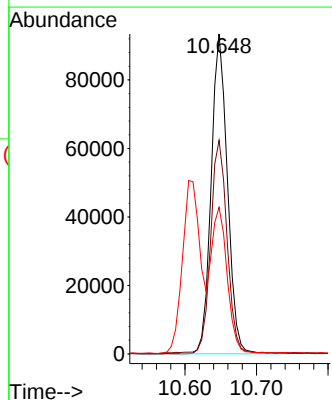
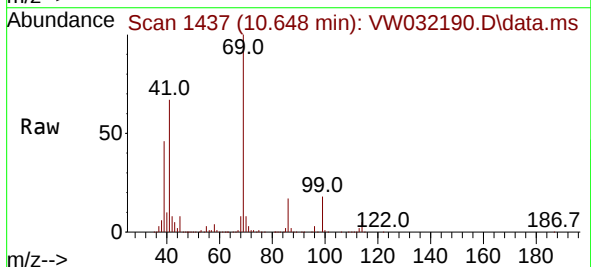
Tgt Ion: 69 Resp: 146686

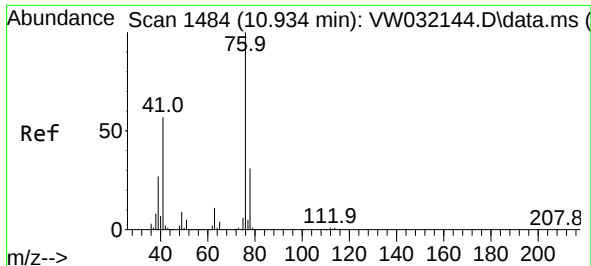
Ion Ratio Lower Upper

69 100

41 68.2 53.2 79.8

39 44.5 32.9 49.3





#57

1,3-Dichloropropane

Concen: 51.498 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

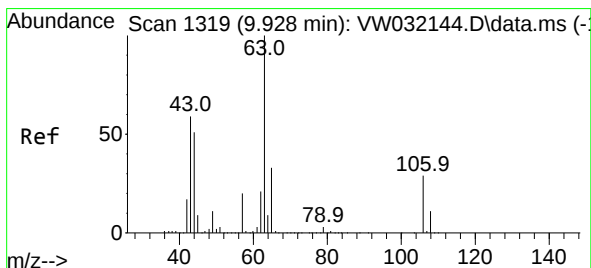
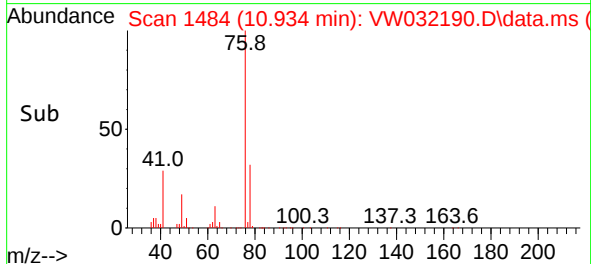
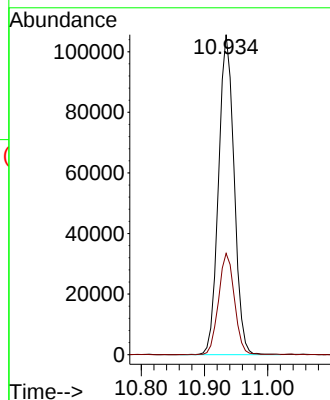
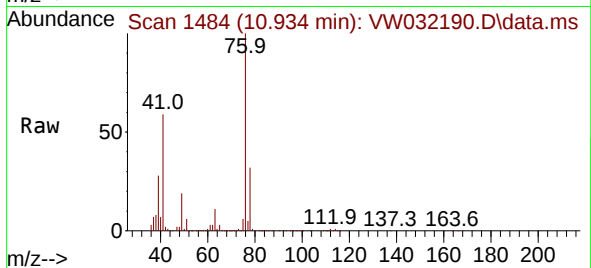
ClientSampleId :

Tgt Ion: 76 Resp: 179708

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 283.936 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032190.D

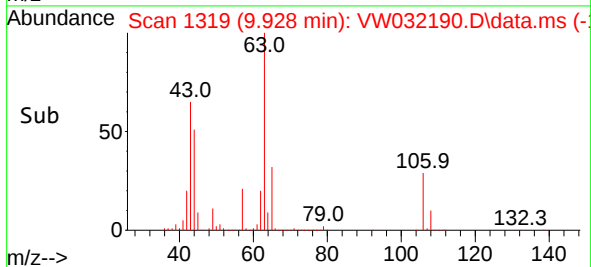
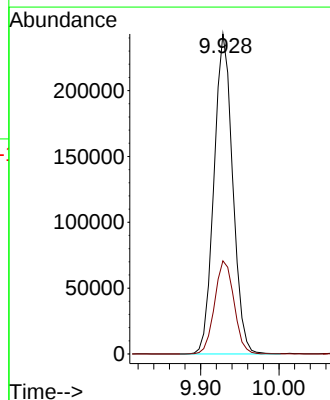
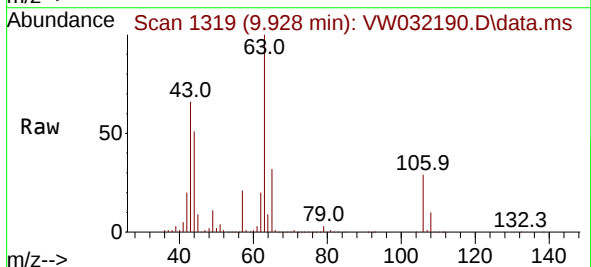
Acq: 17 Sep 2025 15:21

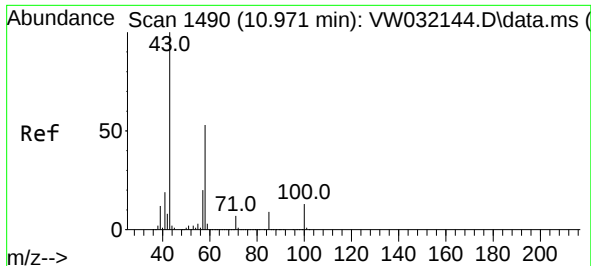
Tgt Ion: 63 Resp: 403794

Ion Ratio Lower Upper

63 100

106 30.2 24.3 36.5

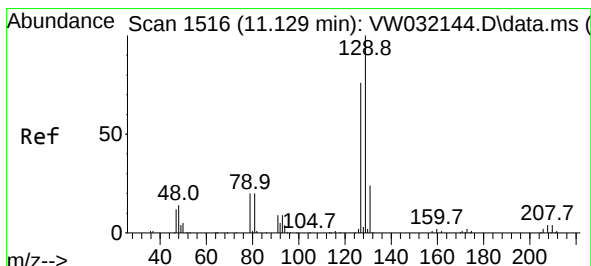
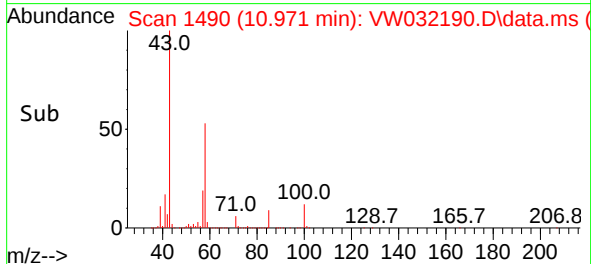
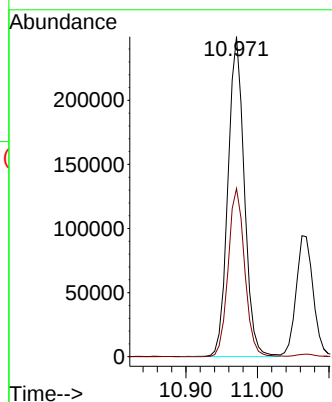
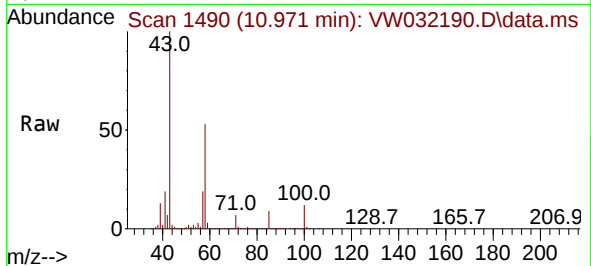




#59
2-Hexanone
Concen: 291.749 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

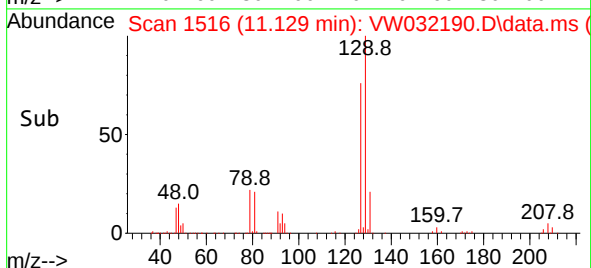
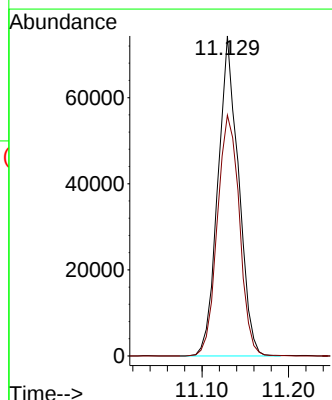
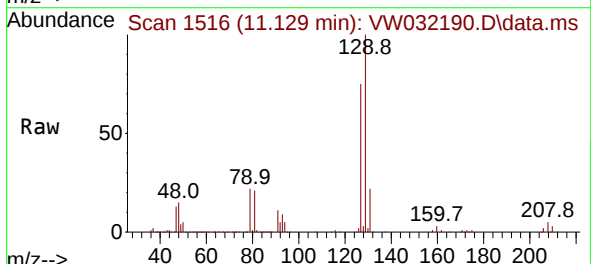
Instrument :
MSVOA_W
ClientSampleId :

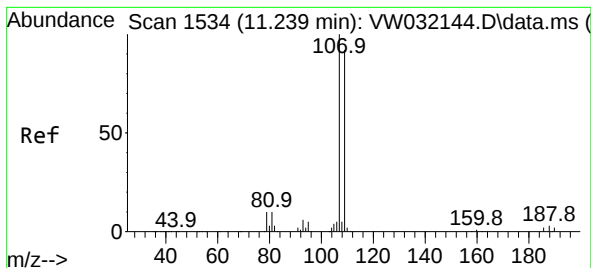
Tgt Ion: 43 Resp: 395380
Ion Ratio Lower Upper
43 100
58 53.1 27.5 82.4



#60
Dibromochloromethane
Concen: 48.788 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 129 Resp: 123033
Ion Ratio Lower Upper
129 100
127 80.3 38.1 114.5

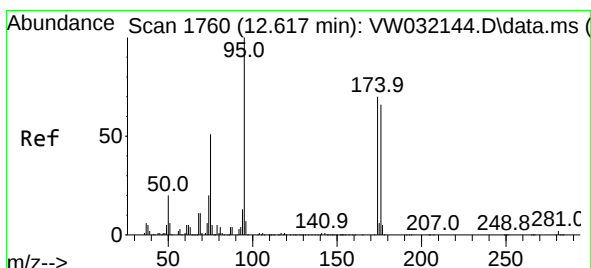
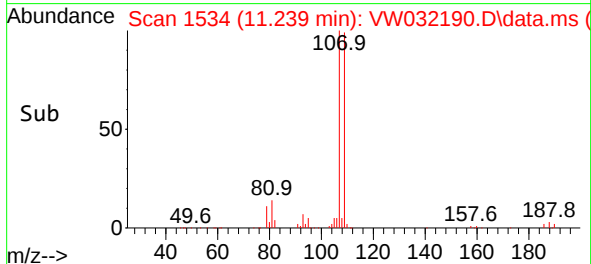
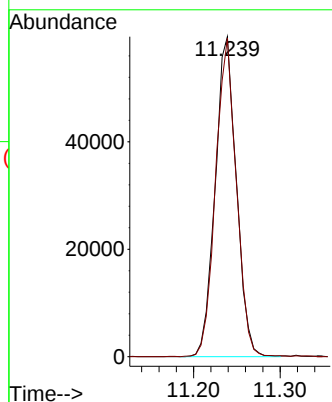
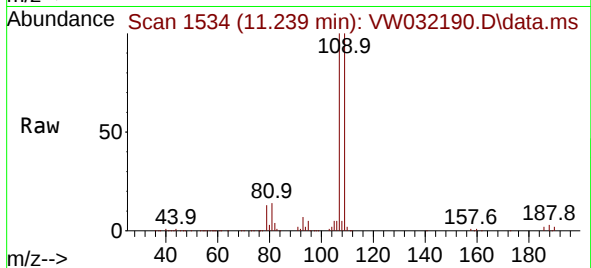




#61
1,2-Dibromoethane
Concen: 49.414 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

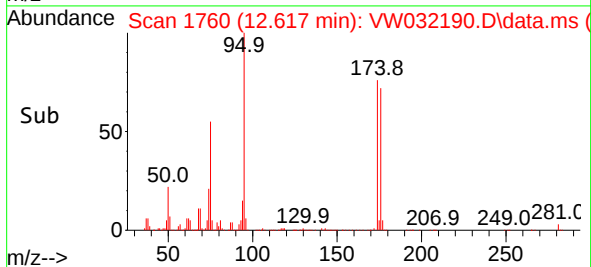
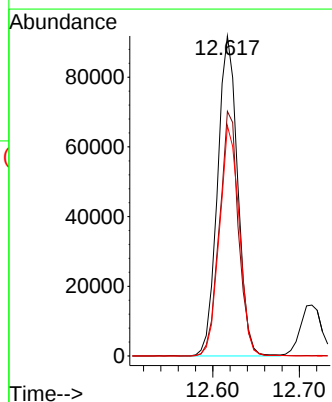
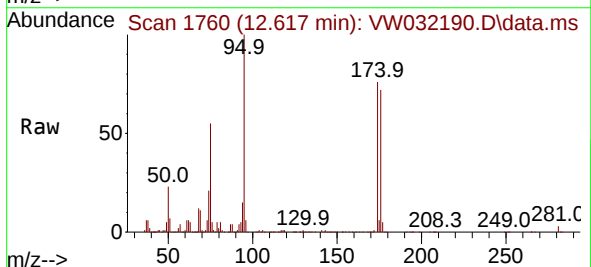
Instrument :
MSVOA_W
ClientSampleId :

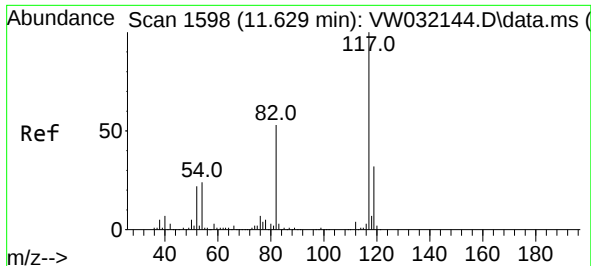
Tgt Ion:107 Resp: 101271
Ion Ratio Lower Upper
107 100
109 97.6 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 48.258 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

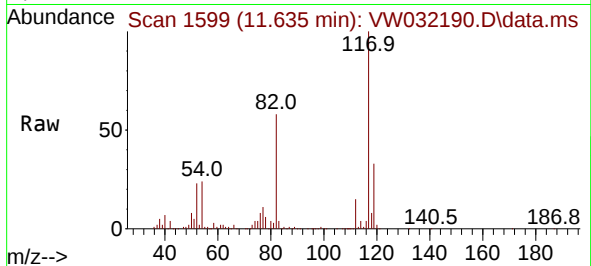
Tgt Ion: 95 Resp: 148155
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.6
176 70.7 0.0 140.8



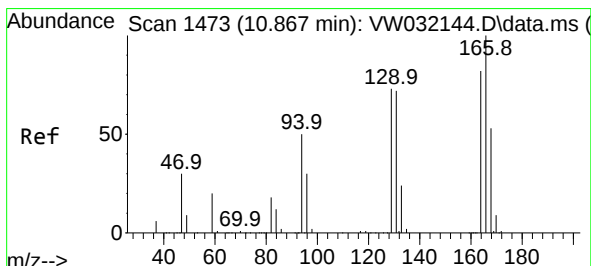
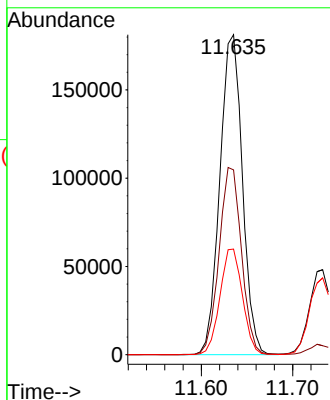
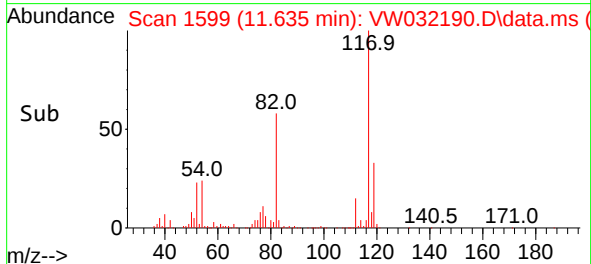


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Instrument :
MSVOA_W
ClientSampleId :

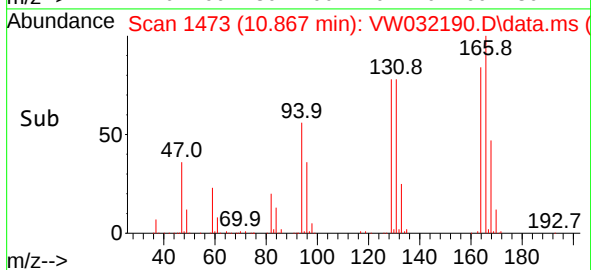
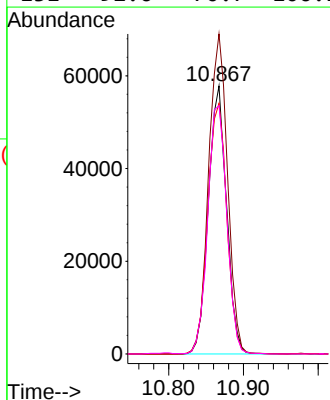
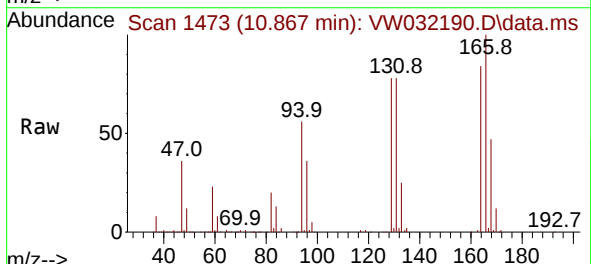


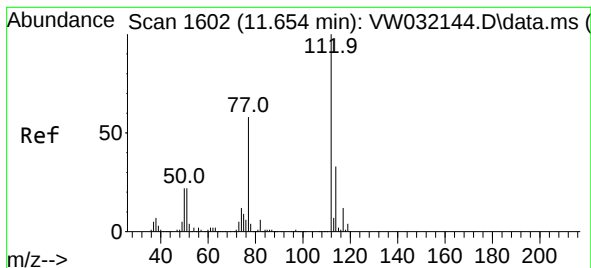
Tgt Ion:117 Resp: 310936
Ion Ratio Lower Upper
117 100
82 57.8 42.7 64.1
119 33.0 25.2 37.8



#64
Tetrachloroethene
Concen: 47.886 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion:164 Resp: 97998
Ion Ratio Lower Upper
164 100
166 119.4 97.5 146.3
129 93.5 71.2 106.8
131 92.6 70.7 106.1

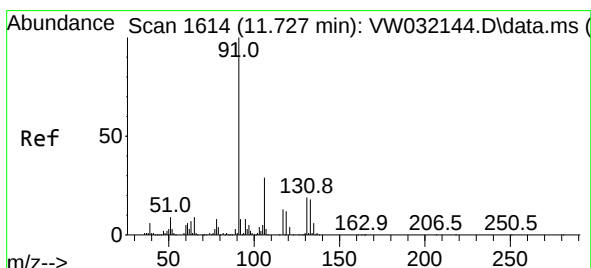
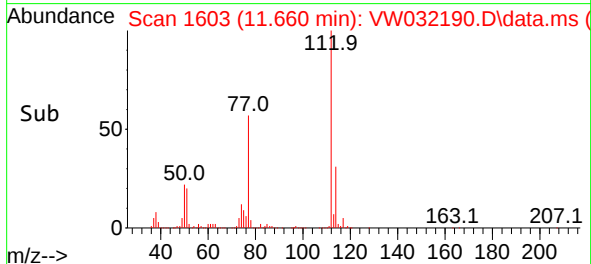
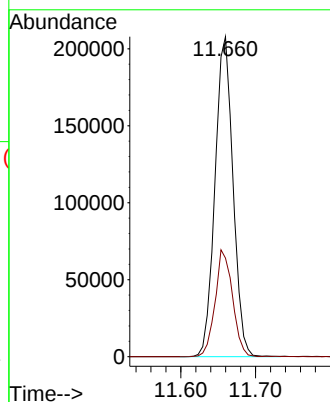
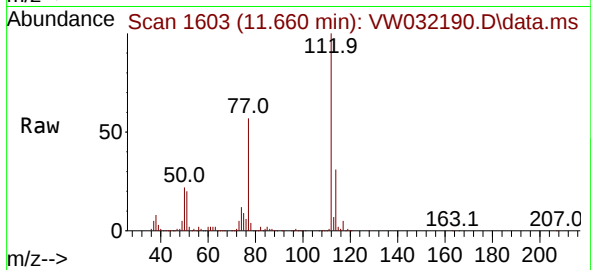




#65
Chlorobenzene
Concen: 49.165 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

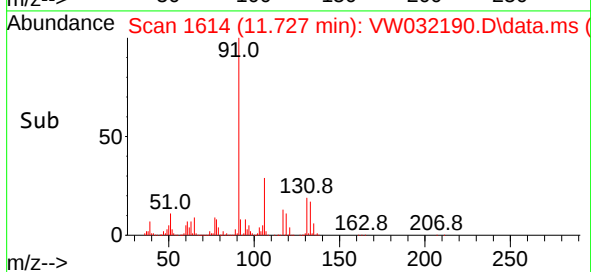
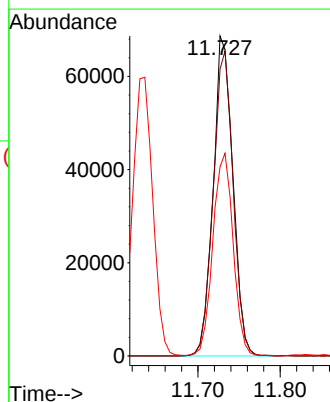
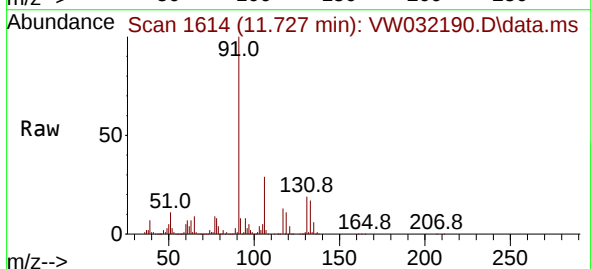
Instrument :
MSVOA_W
ClientSampleId :

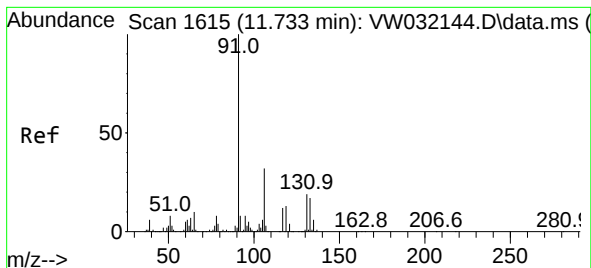
Tgt Ion:112 Resp: 347960
Ion Ratio Lower Upper
112 100
114 30.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.959 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion:131 Resp: 114078
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 65.5 32.8 98.3

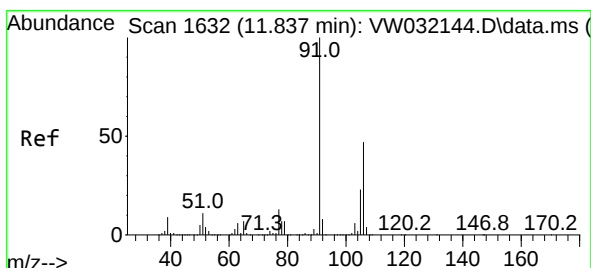
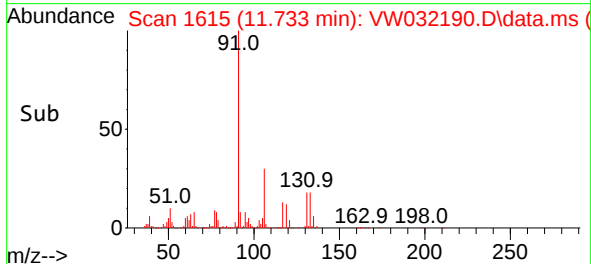
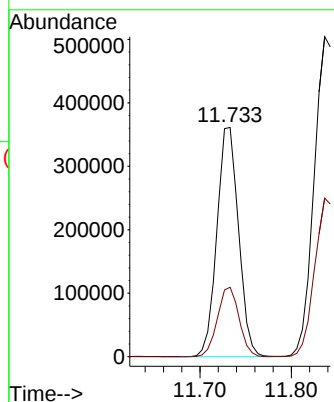
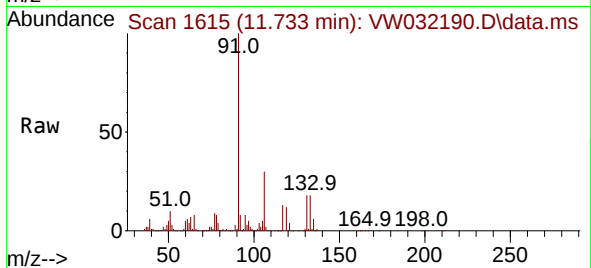




#67
Ethyl Benzene
Concen: 51.369 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

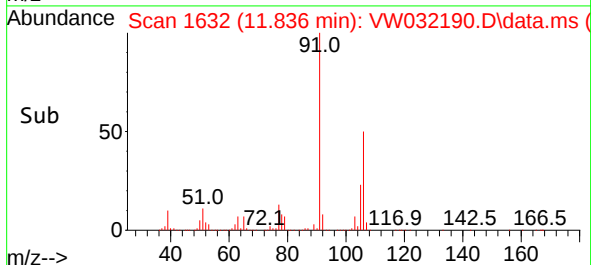
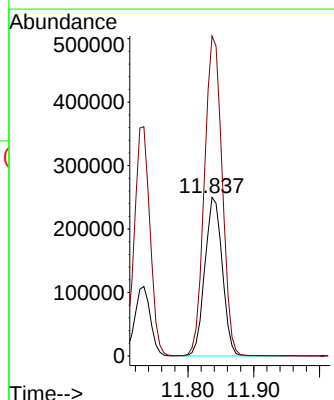
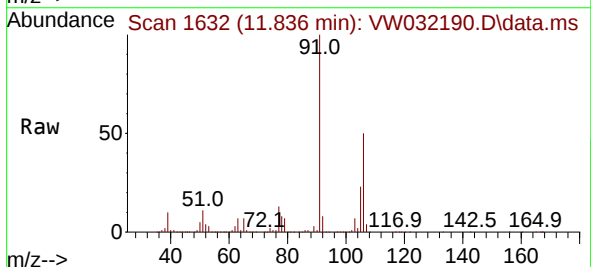
Instrument :
MSVOA_W
ClientSampleId :

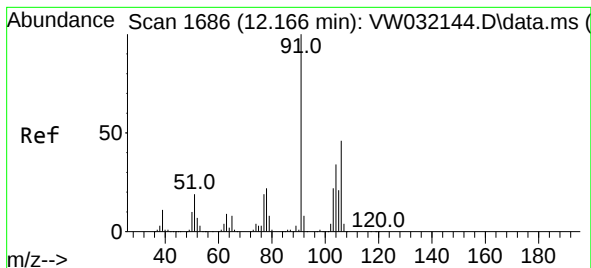
Tgt Ion: 91 Resp: 595661
Ion Ratio Lower Upper
91 100
106 30.3 25.3 37.9



#68
m/p-Xylenes
Concen: 103.233 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion:106 Resp: 460708
Ion Ratio Lower Upper
106 100
91 204.9 164.2 246.2

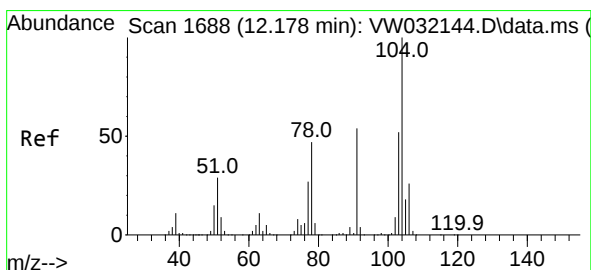
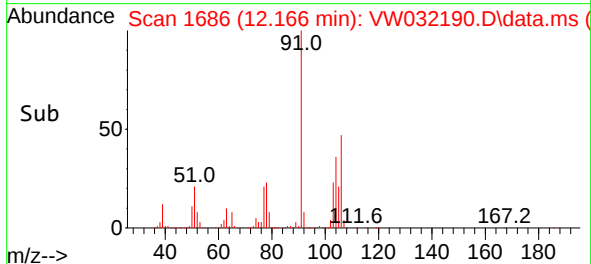
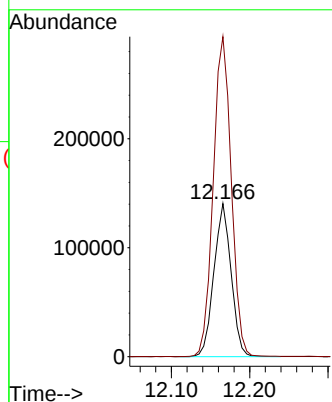
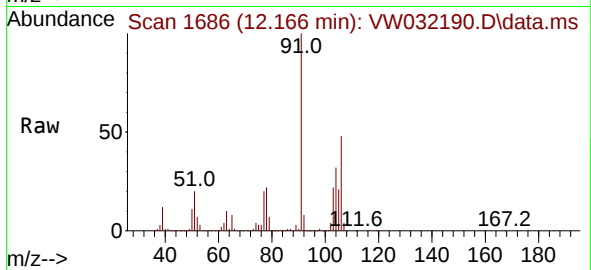




#69
o-Xylene
Concen: 50.820 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

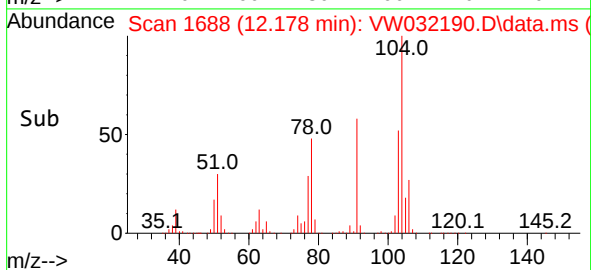
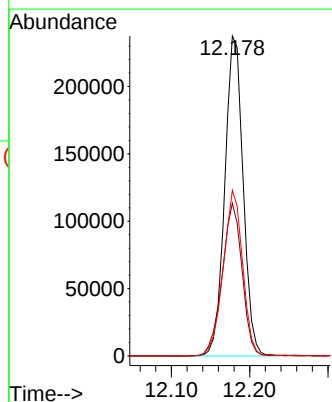
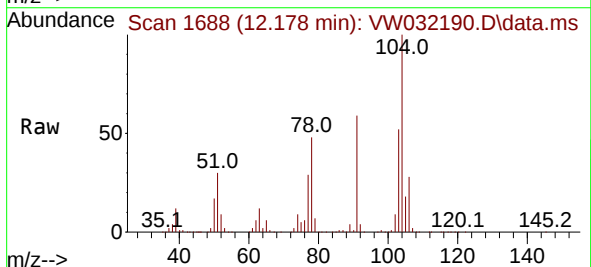
Instrument :
MSVOA_W
ClientSampleId :

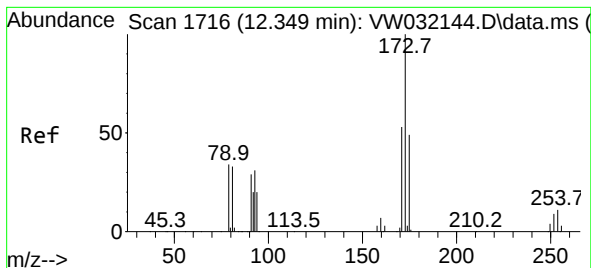
Tgt Ion:106 Resp: 214529
Ion Ratio Lower Upper
106 100
91 219.2 108.7 326.3



#70
Styrene
Concen: 52.041 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion:104 Resp: 387257
Ion Ratio Lower Upper
104 100
78 51.9 41.6 62.4
103 54.8 44.8 67.2





#71

Bromoform

Concen: 51.737 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

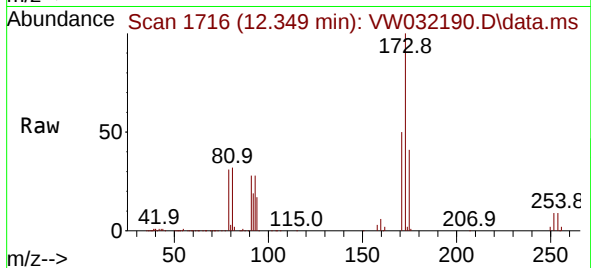
Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

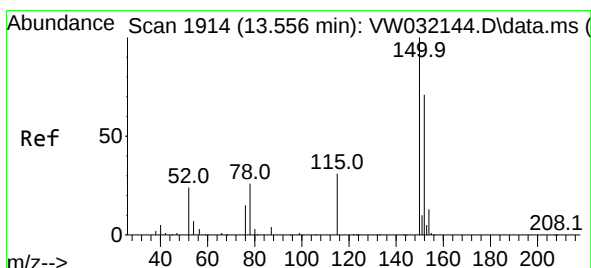
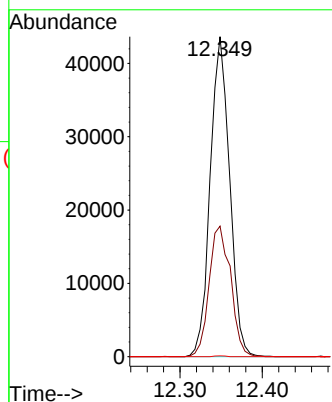
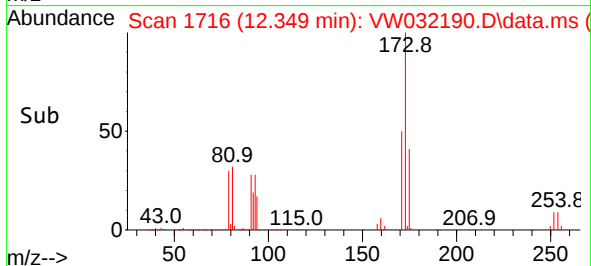
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	173	Resp:	71598
Ion Ratio	Lower	Upper	
173	100		
175	45.1	24.9	74.7
254	0.1	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

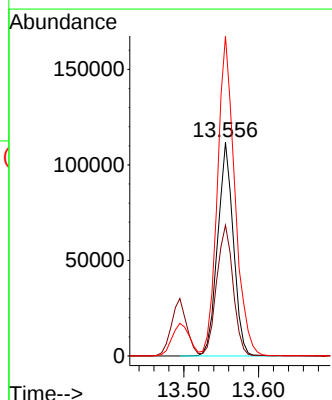
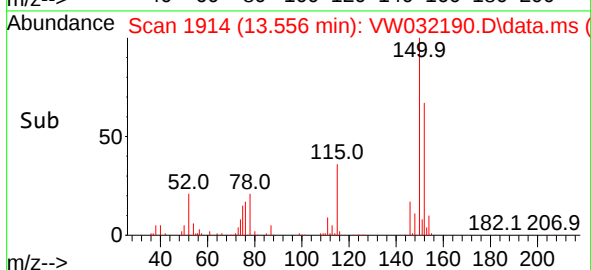
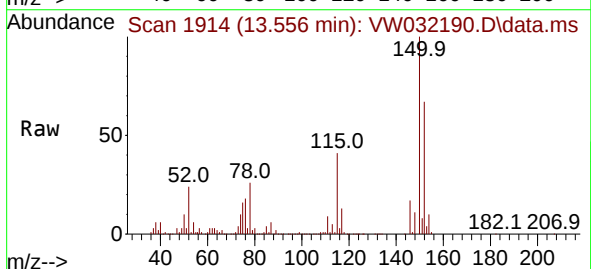
RT: 13.556 min Scan# 1914

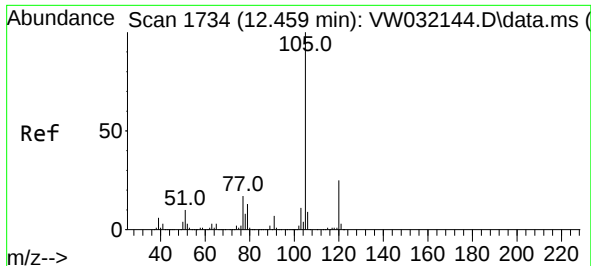
Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

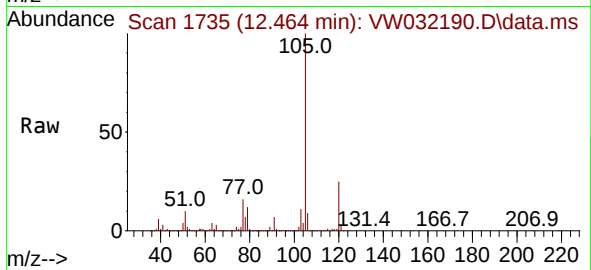
Tgt Ion:	152	Resp:	163314
Ion Ratio	Lower	Upper	
152	100		
115	63.9	31.8	95.4
150	166.1	0.0	343.0



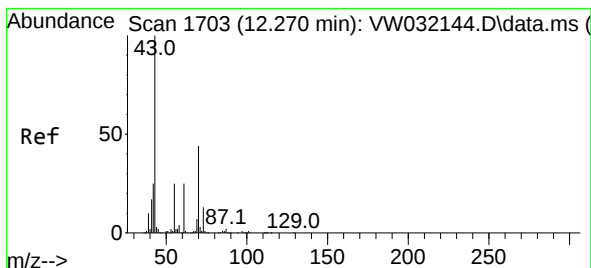
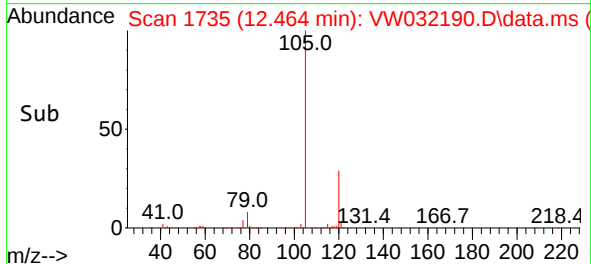
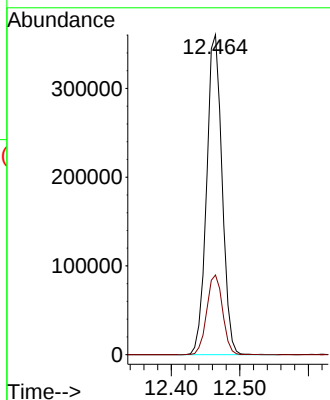


#73
Isopropylbenzene
Concen: 50.947 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Instrument :
MSVOA_W
ClientSampleId :

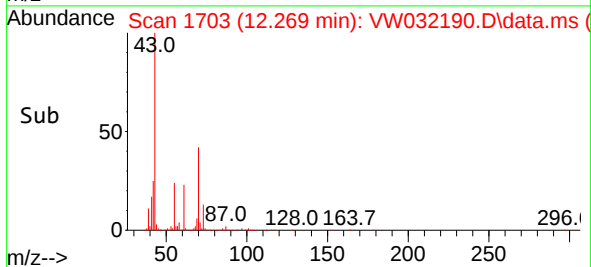
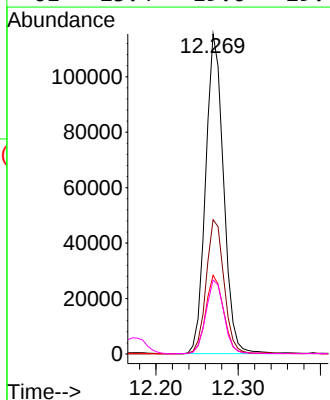
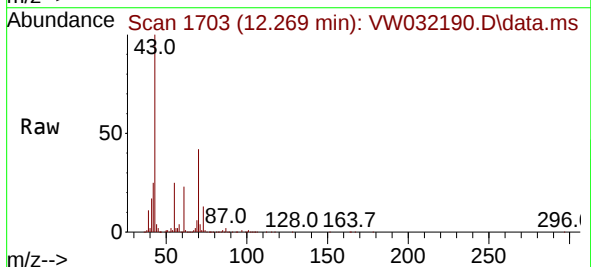


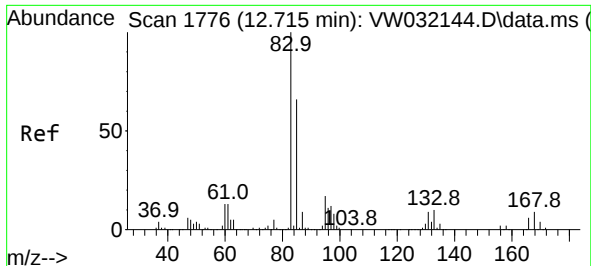
Tgt Ion:105 Resp: 565259
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 54.212 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 43 Resp: 174627
Ion Ratio Lower Upper
43 100
70 41.8 35.3 52.9
55 24.5 19.9 29.9
61 23.4 19.6 29.4

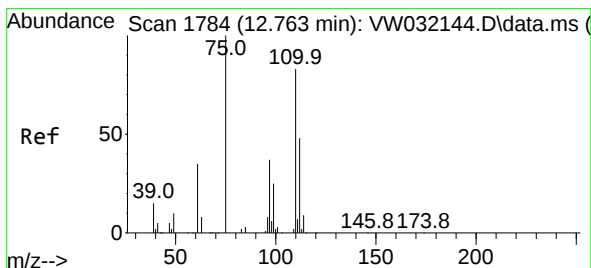
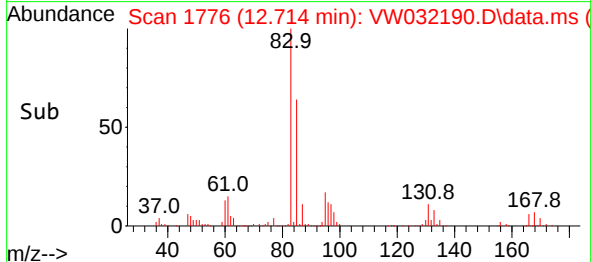
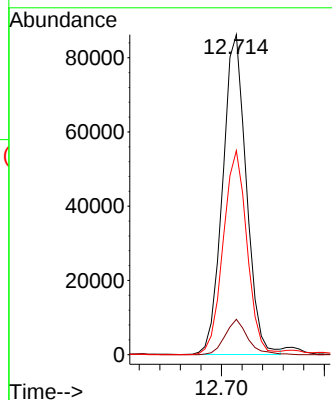
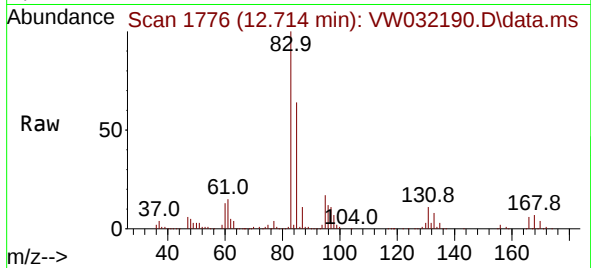




#75
1,1,2-Tetrachloroethane
Concen: 52.137 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

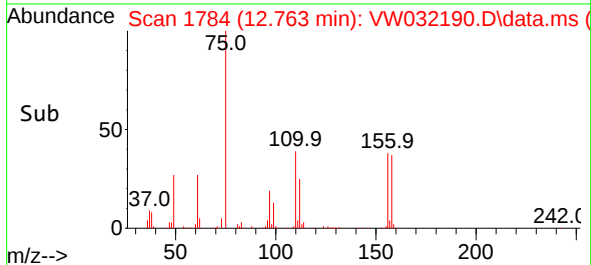
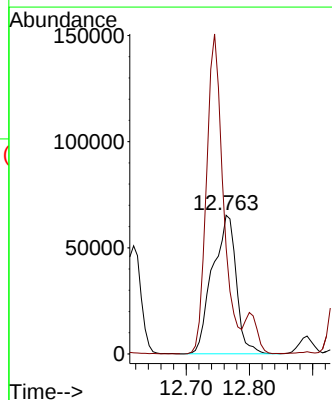
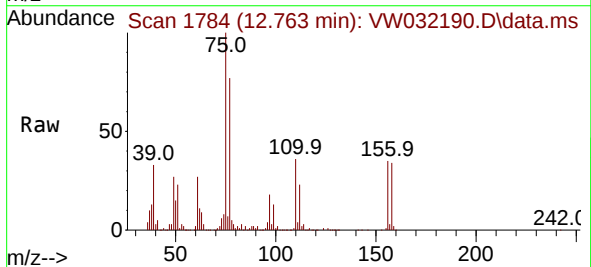
Instrument :
MSVOA_W
ClientSampleId :

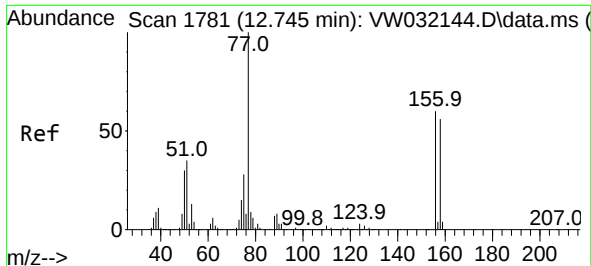
Tgt Ion: 83 Resp: 137472
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.4
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 82.935 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

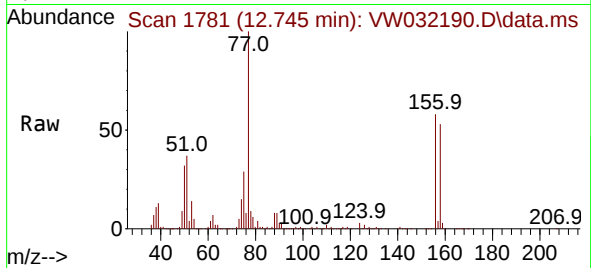
Tgt Ion: 75 Resp: 169685
Ion Ratio Lower Upper
75 100
77 165.5 141.7 425.1



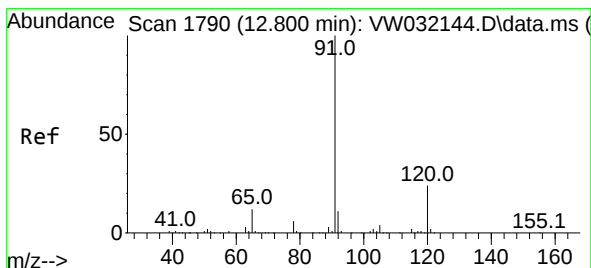
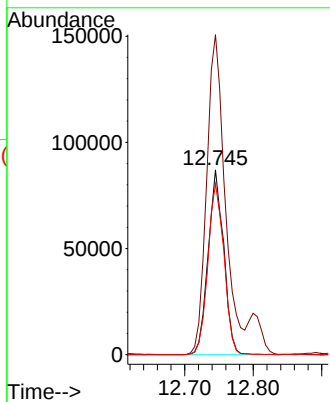
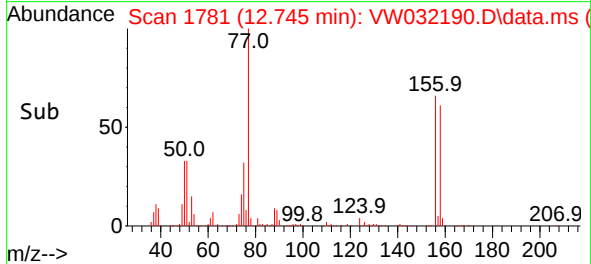


#77
Bromobenzene
Concen: 48.754 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Instrument :
MSVOA_W
ClientSampleId :

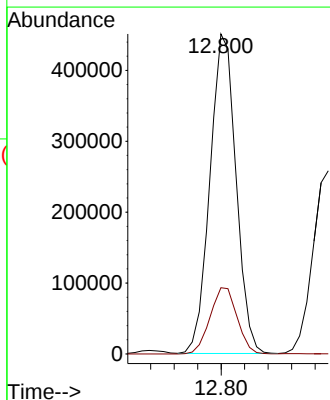
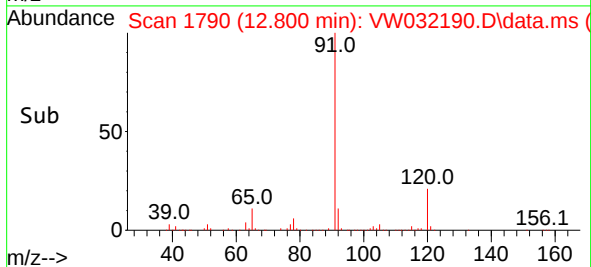
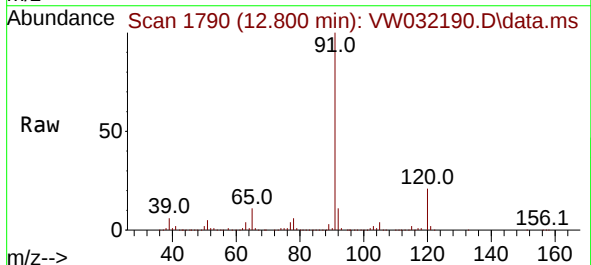


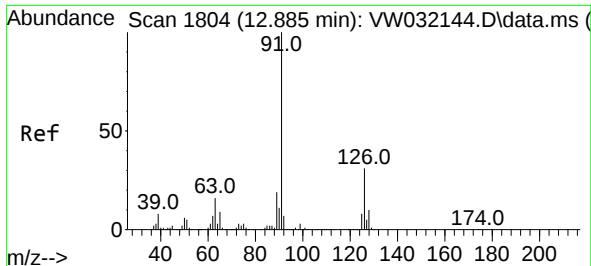
Tgt Ion:156 Resp: 137940
Ion Ratio Lower Upper
156 100
77 203.5 98.6 295.7
158 95.3 48.4 145.0



#78
n-propylbenzene
Concen: 51.599 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 91 Resp: 695042
Ion Ratio Lower Upper
91 100
120 21.5 11.8 35.4





#79

2-Chlorotoluene

Concen: 50.898 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

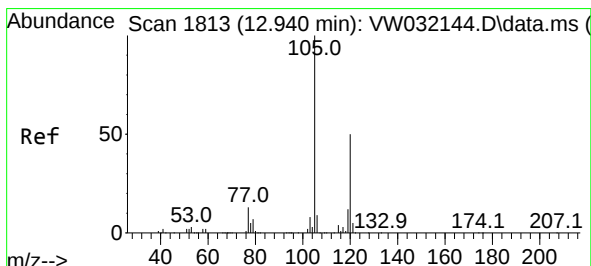
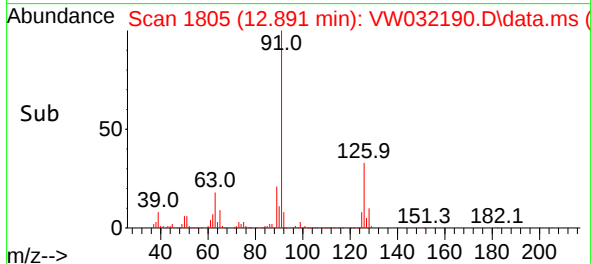
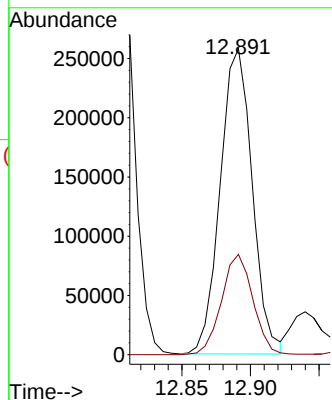
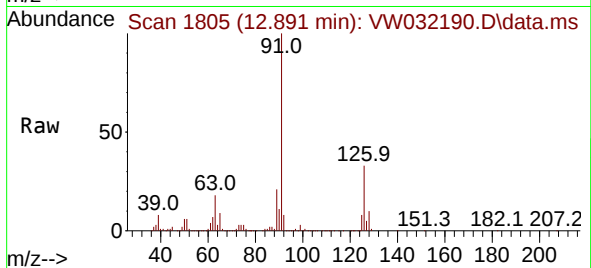
ClientSampleId :

Tgt Ion: 91 Resp: 419252

Ion Ratio Lower Upper

91 100

126 32.2 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 51.598 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032190.D

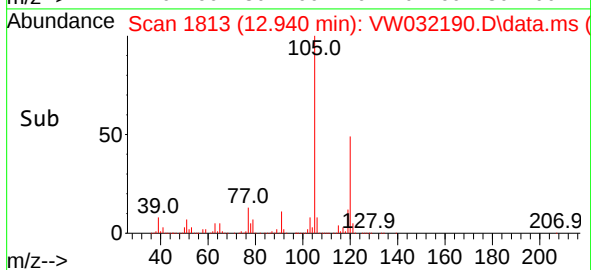
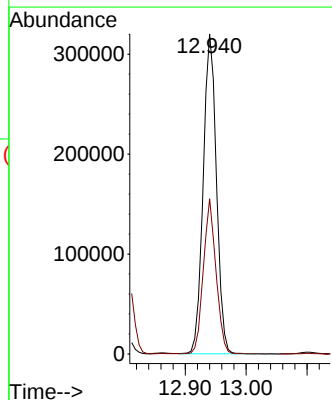
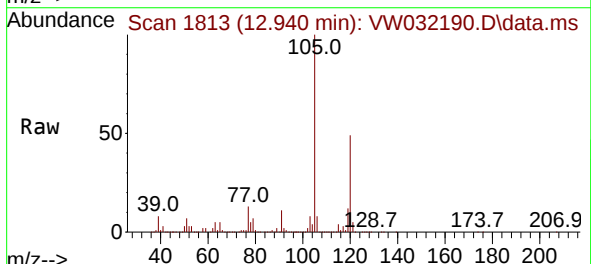
Acq: 17 Sep 2025 15:21

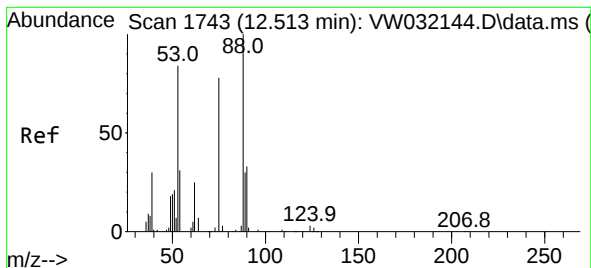
Tgt Ion:105 Resp: 484695

Ion Ratio Lower Upper

105 100

120 46.3 24.8 74.4

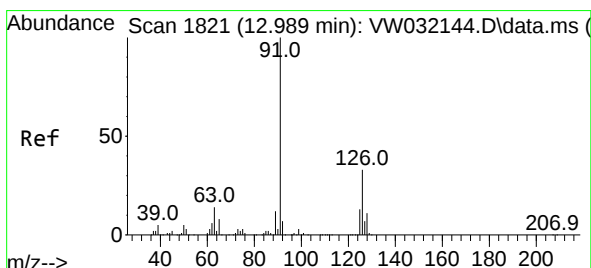
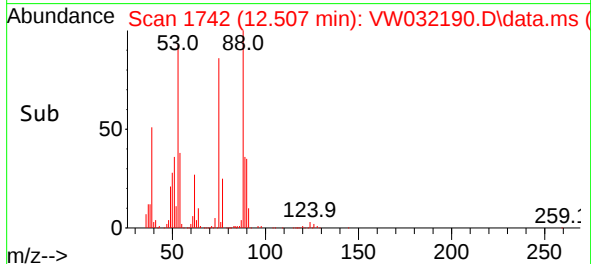
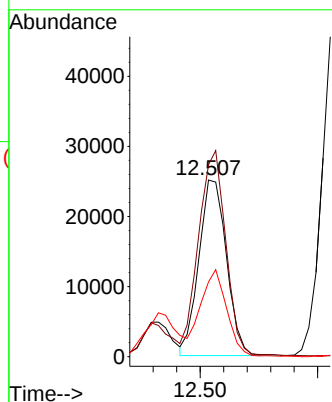
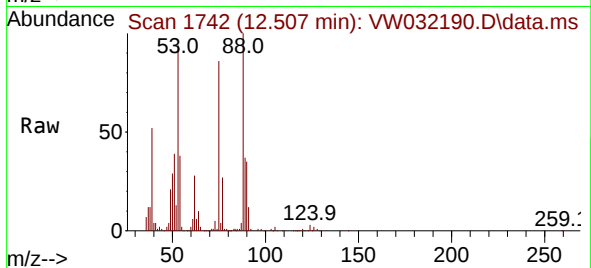




#81
trans-1,4-Dichloro-2-butene
Concen: 53.949 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

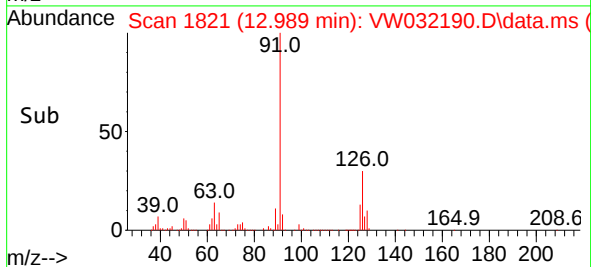
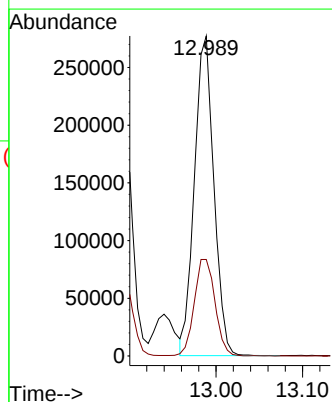
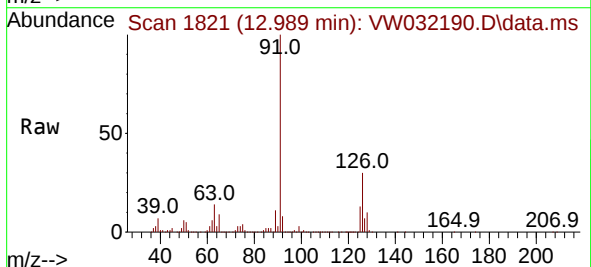
Instrument :
MSVOA_W
ClientSampleId :

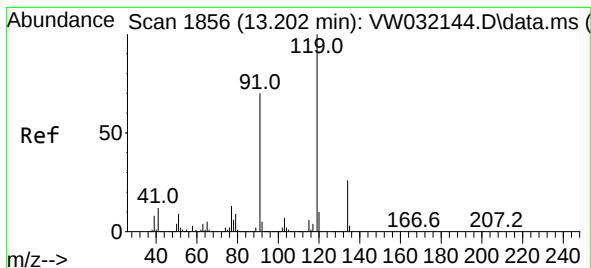
Tgt Ion: 75 Resp: 40996
Ion Ratio Lower Upper
75 100
53 115.7 91.0 136.6
89 47.2 39.4 59.2



#82
4-Chlorotoluene
Concen: 48.941 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion: 91 Resp: 431517
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.2

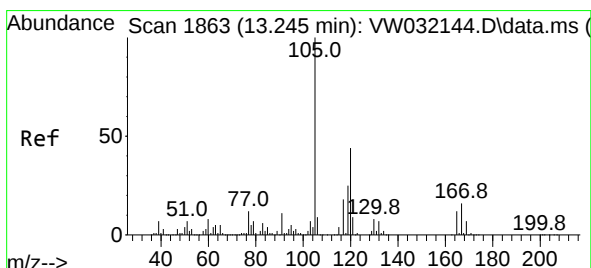
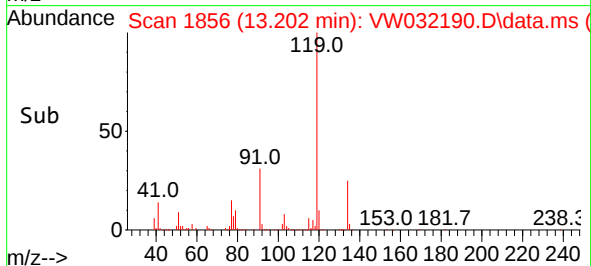
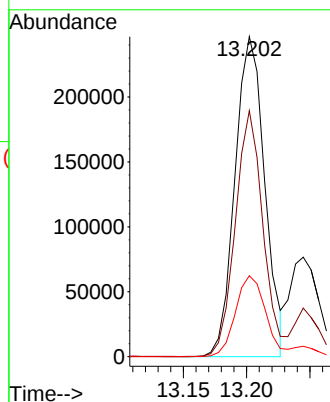
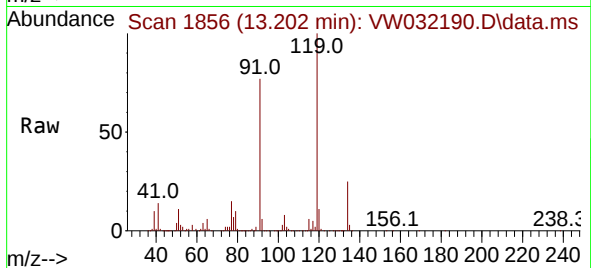




#83
tert-Butylbenzene
Concen: 50.741 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

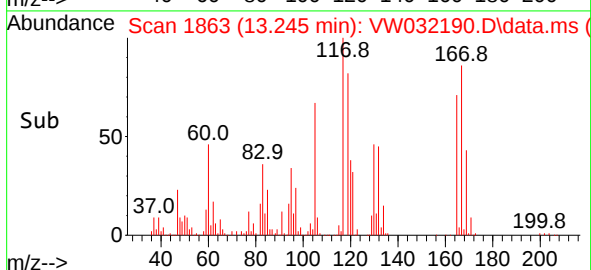
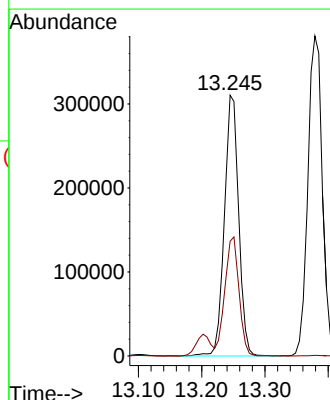
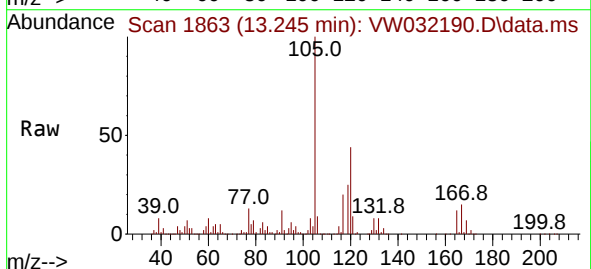
Instrument :
MSVOA_W
ClientSampleId :

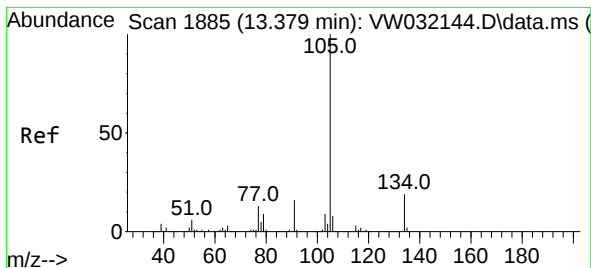
Tgt Ion:119 Resp: 404144
Ion Ratio Lower Upper
119 100
91 72.0 33.8 101.3
134 25.5 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 49.826 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

Tgt Ion:105 Resp: 484237
Ion Ratio Lower Upper
105 100
120 45.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 50.652 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

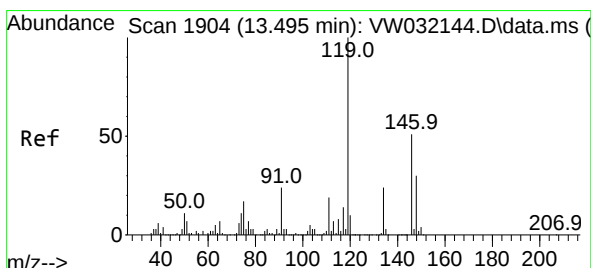
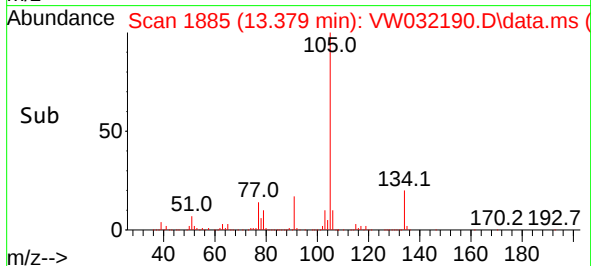
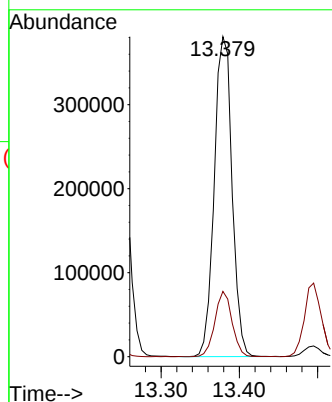
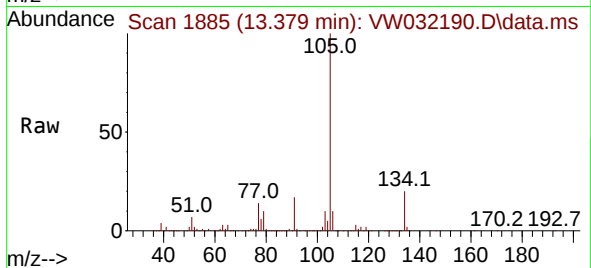
ClientSampleId :

Tgt Ion:105 Resp: 602350

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.068 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

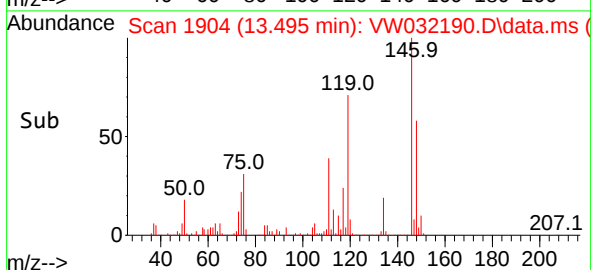
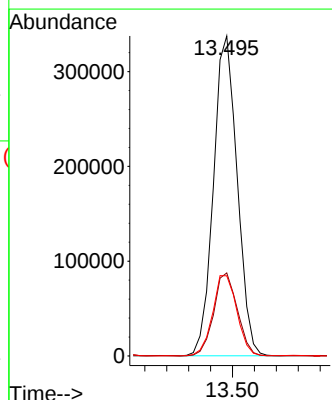
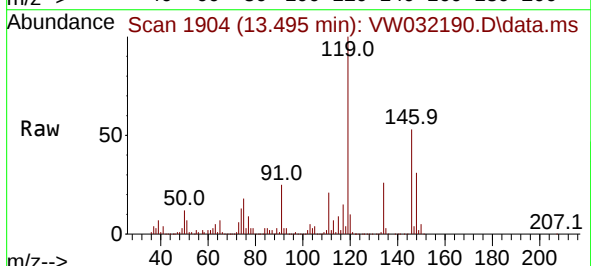
Tgt Ion:119 Resp: 506339

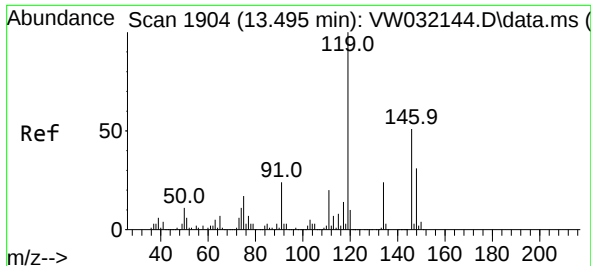
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.6

91 25.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 48.937 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

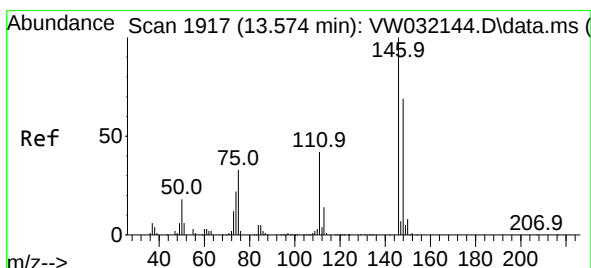
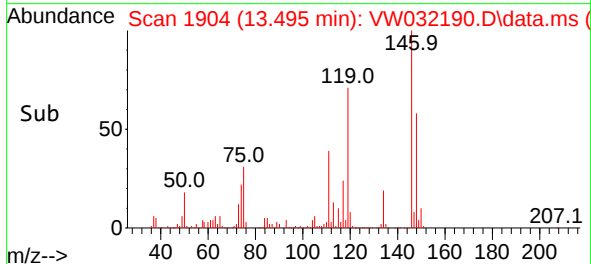
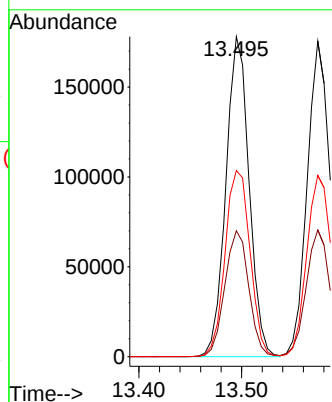
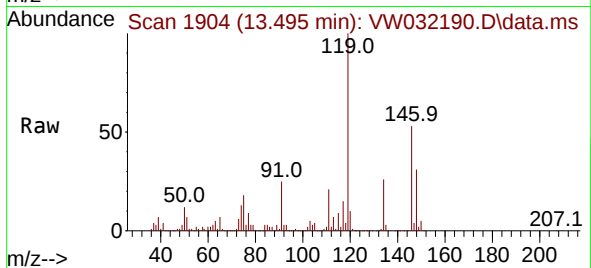
Tgt Ion:146 Resp: 278782

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.9

148 62.8 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 47.902 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

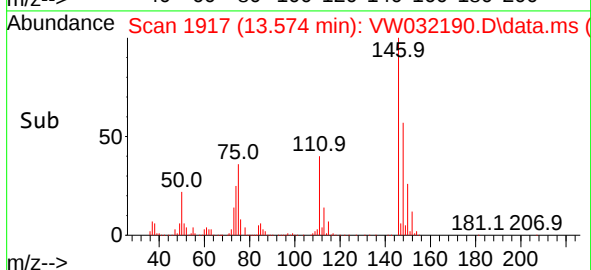
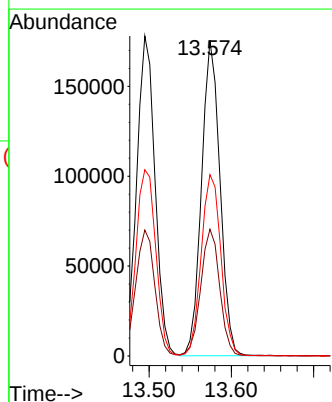
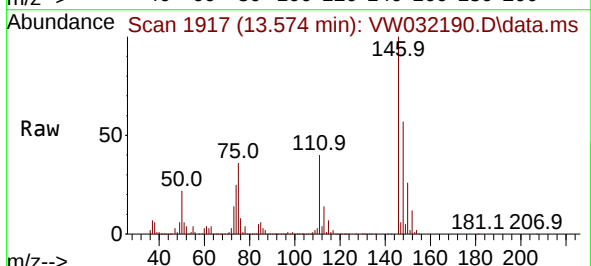
Tgt Ion:146 Resp: 273527

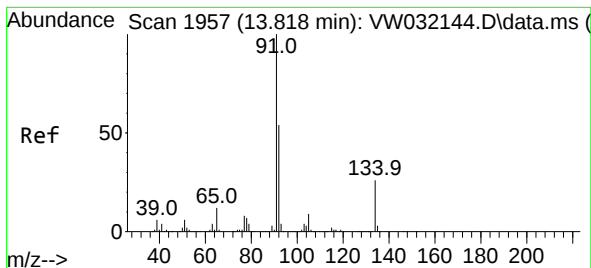
Ion Ratio Lower Upper

146 100

111 41.0 21.3 63.7

148 61.2 33.4 100.1





#89

n-Butylbenzene

Concen: 50.787 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032190.D

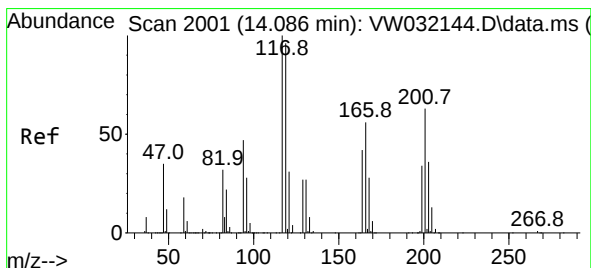
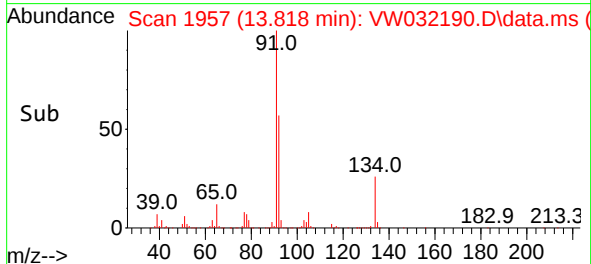
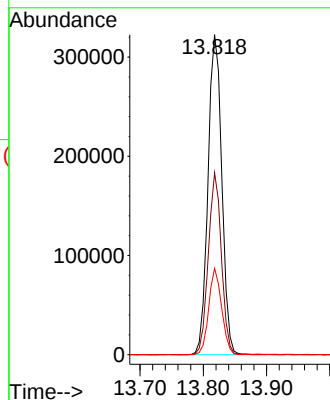
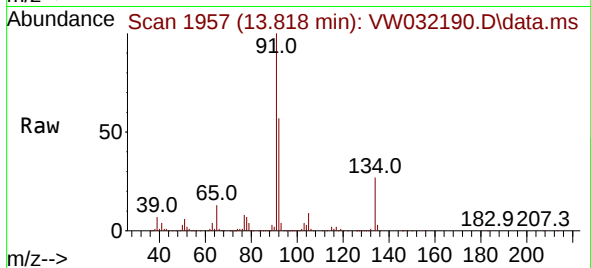
Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	489669
Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.0	81.0
134	25.3	13.1	39.3



#90

Hexachloroethane

Concen: 49.546 ug/l

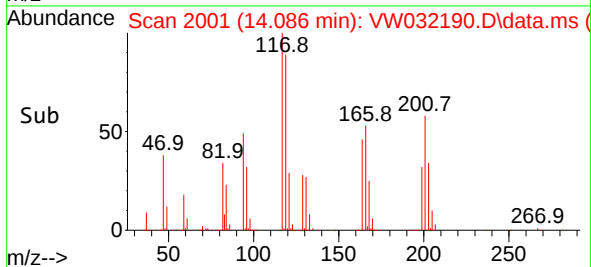
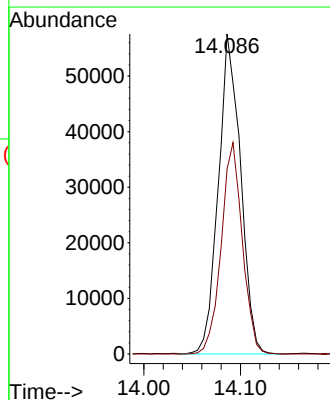
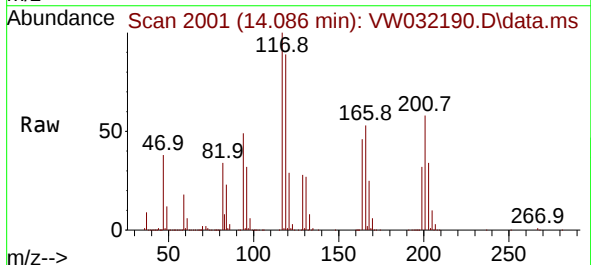
RT: 14.086 min Scan# 2001

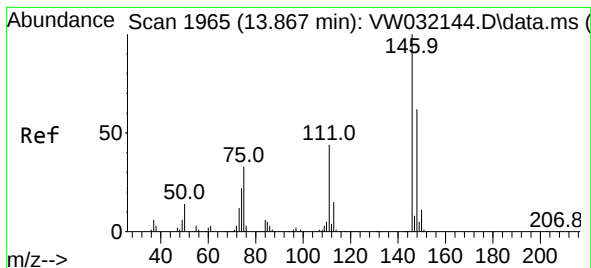
Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

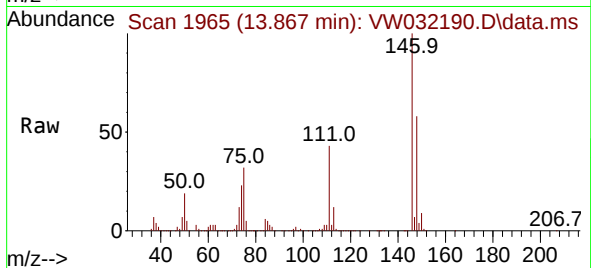
Tgt Ion:	117	Resp:	91651
Ion	Ratio	Lower	Upper
117	100		
201	62.7	32.8	98.4



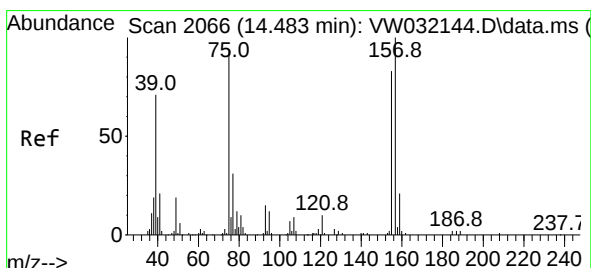
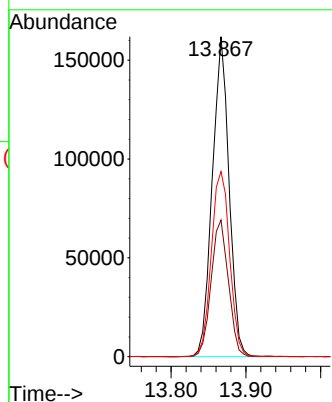
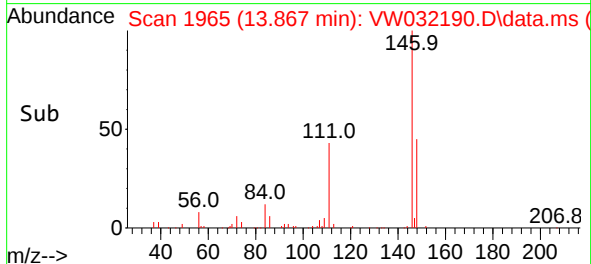


#91
1,2-Dichlorobenzene
Concen: 50.134 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21

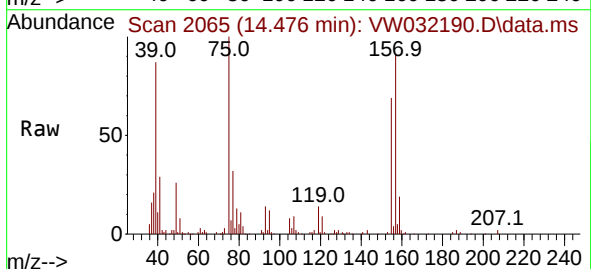
Instrument :
MSVOA_W
ClientSampleId :



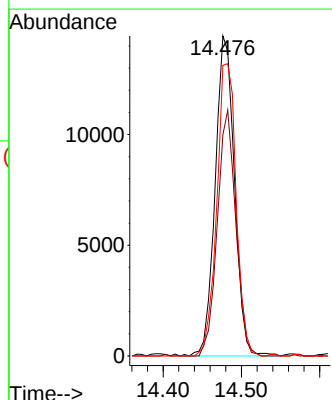
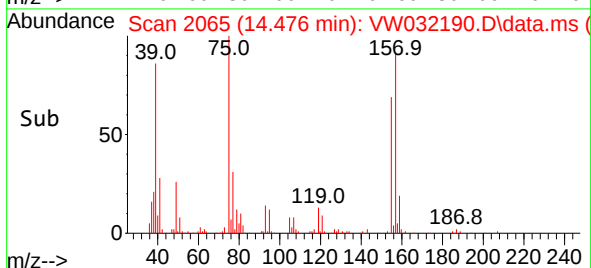
Tgt Ion:146 Resp: 252861
Ion Ratio Lower Upper
146 100
111 44.0 23.4 70.0
148 63.2 34.1 102.3

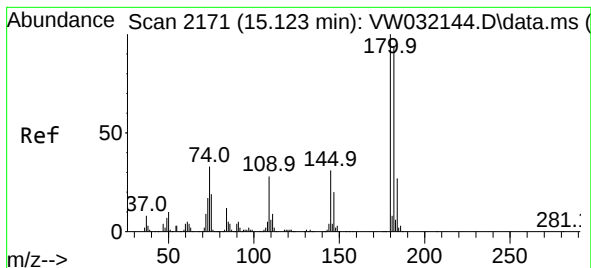


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.116 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032190.D
Acq: 17 Sep 2025 15:21



Tgt Ion: 75 Resp: 24742
Ion Ratio Lower Upper
75 100
155 73.4 40.8 122.5
157 91.8 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 44.442 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

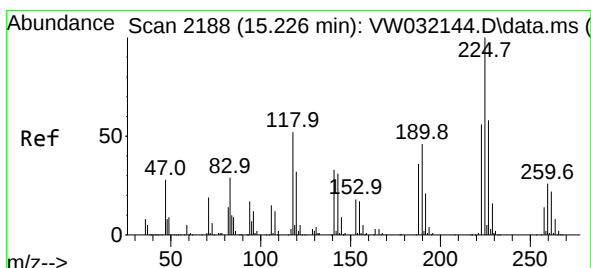
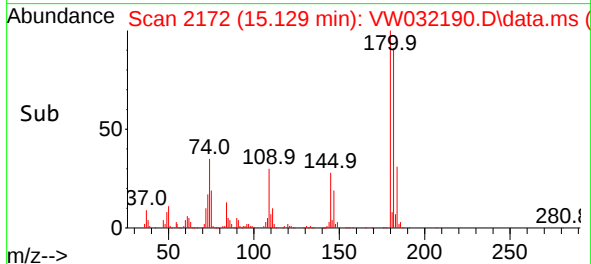
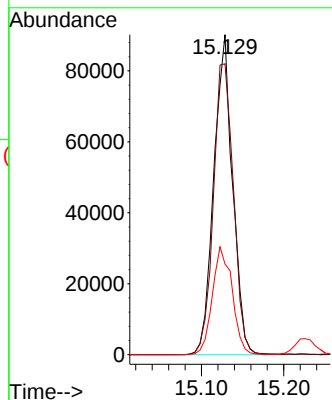
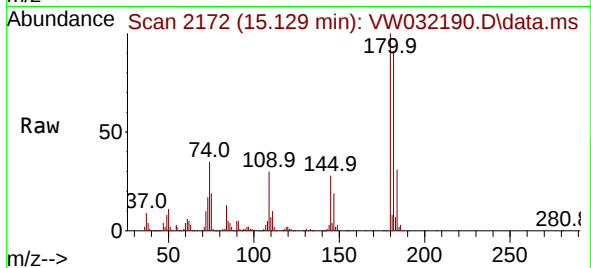
Tgt Ion:180 Resp: 143213

Ion Ratio Lower Upper

180 100

182 97.4 47.4 142.2

145 35.6 16.4 49.1



#94

Hexachlorobutadiene

Concen: 43.407 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

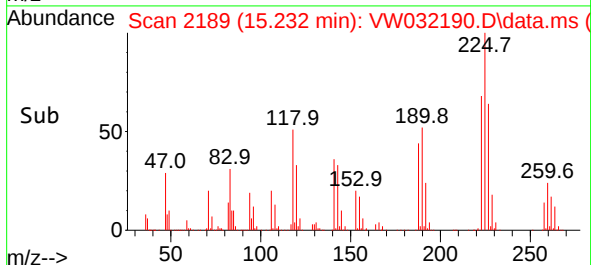
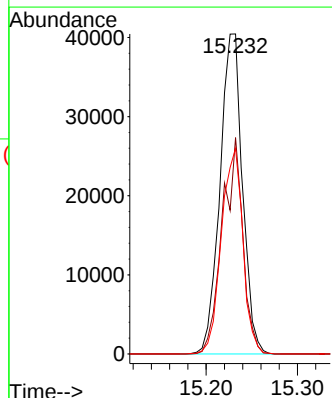
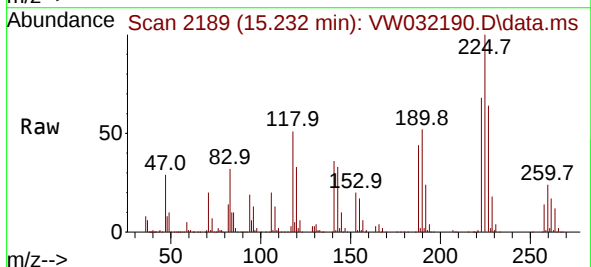
Tgt Ion:225 Resp: 69373

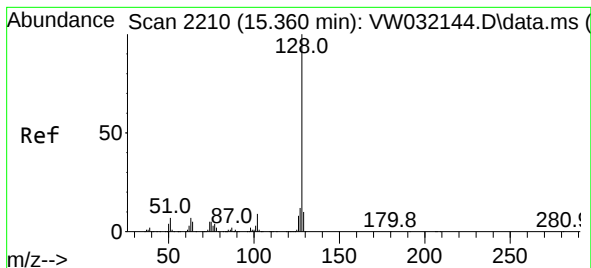
Ion Ratio Lower Upper

225 100

223 61.5 29.8 89.3

227 61.2 30.5 91.5





#95

Naphthalene

Concen: 52.396 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

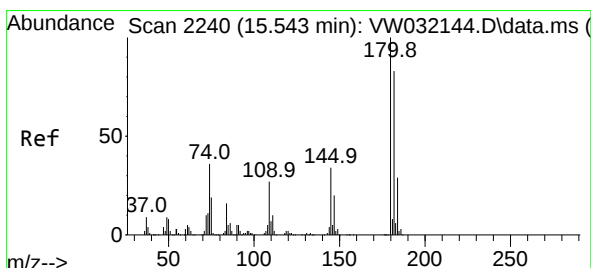
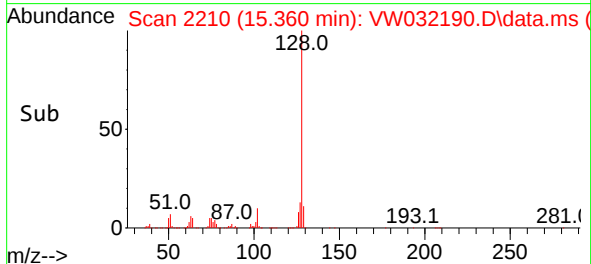
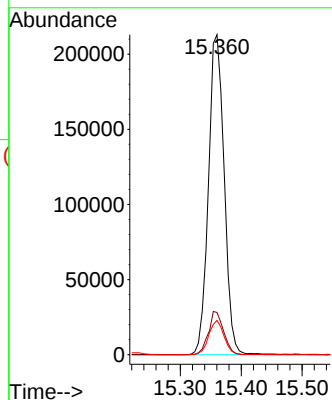
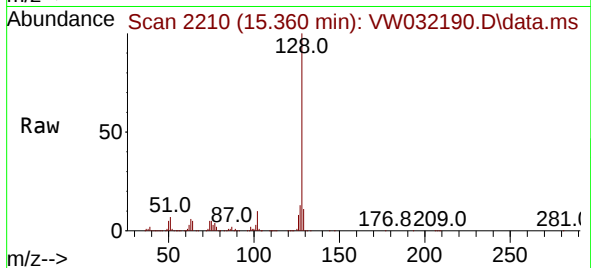
Tgt Ion:128 Resp: 382120

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.4 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.823 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032190.D

Acq: 17 Sep 2025 15:21

Tgt Ion:180 Resp: 140323

Ion Ratio Lower Upper

180 100

182 93.3 47.7 143.1

145 36.6 17.2 51.6

