

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032135.D
 Acq On : 25 Aug 2025 15:38
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 04:44:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:26:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	175725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	287967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	271072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	130672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	141875	58.795	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	117.600%
35) Dibromofluoromethane	7.898	113	122108	62.459	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	124.920%
50) Toluene-d8	10.325	98	436579	62.590	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	125.180%#
62) 4-Bromofluorobenzene	12.617	95	161395	62.338	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	124.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	57618	49.931	ug/l	99
3) Chloromethane	2.259	50	73083	58.413	ug/l	100
4) Vinyl Chloride	2.405	62	88895	58.202	ug/l	100
5) Bromomethane	2.826	94	79339	57.627	ug/l	99
6) Chloroethane	2.972	64	64719	59.716	ug/l	100
7) Trichlorofluoromethane	3.302	101	87022	56.443	ug/l	93
8) Diethyl Ether	3.722	74	67411	59.815	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.094	101	95651	56.260	ug/l	98
10) Methyl Iodide	4.320	142	159044	60.904	ug/l	98
11) Tert butyl alcohol	5.228	59	48804	323.865	ug/l	98
12) 1,1-Dichloroethene	4.082	96	108682	59.843	ug/l	96
13) Acrolein	3.930	56	18496	198.140	ug/l	95
14) Allyl chloride	4.704	41	164775	64.126	ug/l	99
15) Acrylonitrile	5.405	53	180486	324.698	ug/l	99
16) Acetone	4.161	43	163939	288.785	ug/l	99
17) Carbon Disulfide	4.423	76	275565	60.645	ug/l	99
18) Methyl Acetate	4.710	43	107322	66.400	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	220459	65.034	ug/l #	91
20) Methylene Chloride	4.960	84	128878	56.406	ug/l	97
21) trans-1,2-Dichloroethene	5.466	96	129261	63.804	ug/l	95
22) Diisopropyl ether	6.344	45	360855	63.746	ug/l	99
23) Vinyl Acetate	6.283	43	1257636	323.903	ug/l	100
24) 1,1-Dichloroethane	6.240	63	227294	62.800	ug/l	99
25) 2-Butanone	7.197	43	243867	309.878	ug/l	98
26) 2,2-Dichloropropane	7.191	77	125077	63.152	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	155472	63.449	ug/l	99
28) Bromochloromethane	7.533	49	105370	62.827	ug/l	96
29) Tetrahydrofuran	7.557	42	155164	319.827	ug/l	99
30) Chloroform	7.691	83	259780	62.733	ug/l	96
31) Cyclohexane	7.965	56	162540	53.706	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	187548	62.337	ug/l	99
36) 1,1-Dichloropropene	8.100	75	164993	64.052	ug/l	97
37) Ethyl Acetate	7.277	43	101996	64.447	ug/l	99
38) Carbon Tetrachloride	8.087	117	171296	62.732	ug/l	94
39) Methylcyclohexane	9.343	83	186983	61.036	ug/l	99
40) Benzene	8.337	78	520156	65.574	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	62774	72.805	ug/l	91
42) 1,2-Dichloroethane	8.410	62	178919	64.837	ug/l	99
43) Isopropyl Acetate	8.435	43	195057	66.875	ug/l	98
44) Trichloroethene	9.099	130	133905	65.532	ug/l	99
45) 1,2-Dichloropropane	9.380	63	123827	64.839	ug/l	99
46) Dibromomethane	9.465	93	86620	65.034	ug/l	97
47) Bromodichloromethane	9.648	83	200044	66.254	ug/l	96
48) Methyl methacrylate	9.441	41	92674	67.626	ug/l	99
49) 1,4-Dioxane	9.459	88	23224	1316.003	ug/l	95
51) 4-Methyl-2-Pentanone	10.215	43	553332	336.683	ug/l	100
52) Toluene	10.392	92	342271	66.391	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	185352	68.326	ug/l	94
54) cis-1,3-Dichloropropene	10.081	75	207051	66.903	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	111810	64.279	ug/l	99
56) Ethyl methacrylate	10.648	69	155290	68.861	ug/l	100
57) 1,3-Dichloropropane	10.934	76	187986	64.751	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	415831	342.044	ug/l	100
59) 2-Hexanone	10.971	43	392994	336.256	ug/l	99
60) Dibromochloromethane	11.130	129	136767	64.901	ug/l	99
61) 1,2-Dibromoethane	11.233	107	111975	64.854	ug/l	98
64) Tetrachloroethene	10.867	164	110719	61.480	ug/l	95
65) Chlorobenzene	11.660	112	380875	62.164	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	125986	63.740	ug/l	98
67) Ethyl Benzene	11.733	91	658429	64.972	ug/l	98
68) m/p-Xylenes	11.843	106	508964	130.160	ug/l	99
69) o-Xylene	12.166	106	240899	65.057	ug/l	98
70) Styrene	12.178	104	426410	66.423	ug/l	98
71) Bromoform	12.349	173	78498	66.172	ug/l #	99
73) Isopropylbenzene	12.459	105	616289	70.873	ug/l	98
74) N-amyl acetate	12.270	43	181810	71.900	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	137423	66.674	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	174653	113.210	ug/l #	1
77) Bromobenzene	12.745	156	155973	69.785	ug/l	96
78) n-propylbenzene	12.800	91	752498	70.232	ug/l	99
79) 2-Chlorotoluene	12.891	91	449386	69.055	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	530022	71.390	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	43925	71.522	ug/l	98
82) 4-Chlorotoluene	12.989	91	478440	69.572	ug/l	100
83) tert-Butylbenzene	13.202	119	458600	72.253	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	537922	69.686	ug/l	99
85) sec-Butylbenzene	13.379	105	642657	68.106	ug/l	99
86) p-Isopropyltoluene	13.495	119	566562	71.037	ug/l	97
87) 1,3-Dichlorobenzene	13.501	146	303861	68.840	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	299809	66.613	ug/l	96
89) n-Butylbenzene	13.818	91	533173	69.602	ug/l	96
90) Hexachloroethane	14.092	117	104179	71.057	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	271700	67.372	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.483	75	25008	66.999	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	174038	68.357	ug/l	99
94) Hexachlorobutadiene	15.226	225	79930	65.190	ug/l	98
95) Naphthalene	15.360	128	408847	70.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	163483	69.470	ug/l	99

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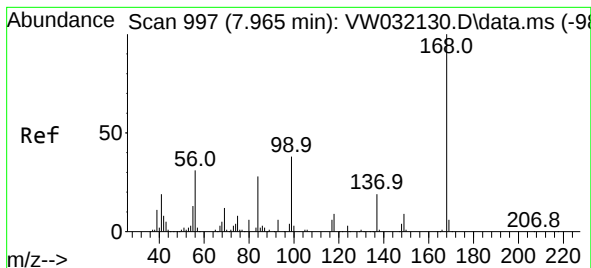
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW032135.D

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Instrument :

MSVOA_W

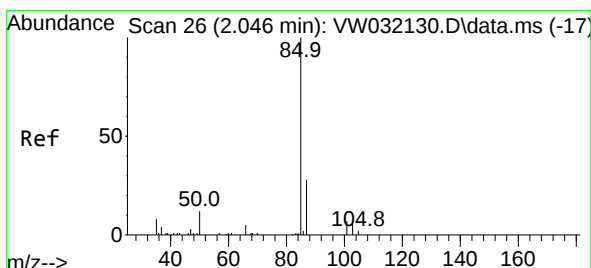
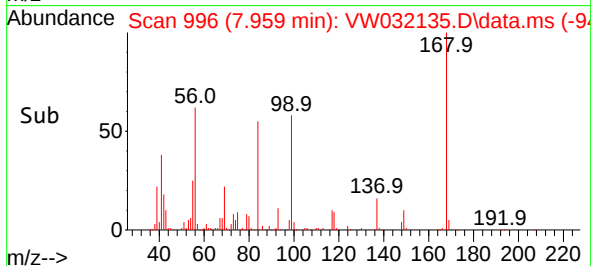
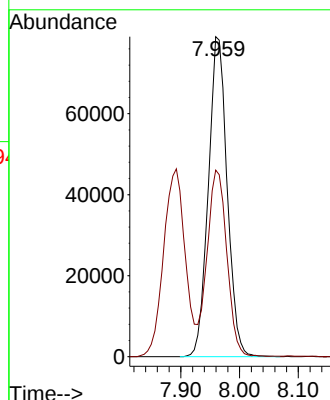
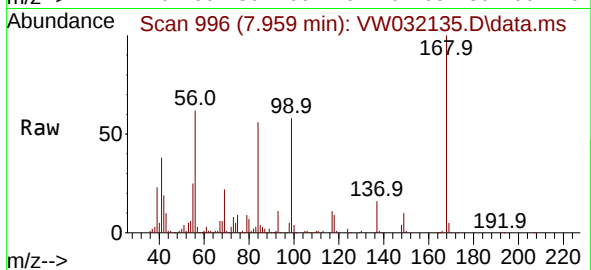
ClientSampleId :

Tgt Ion:168 Resp: 175725

Ion Ratio Lower Upper

168 100

99 58.1 53.4 80.0



#2

Dichlorodifluoromethane

Concen: 49.931 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.000 min

Lab File: VW032135.D

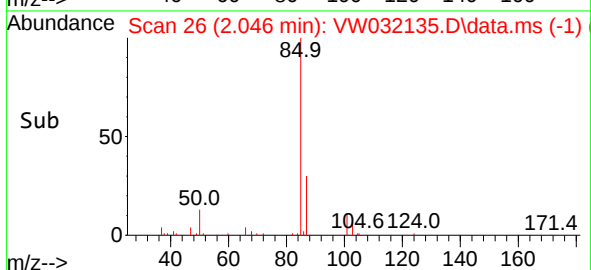
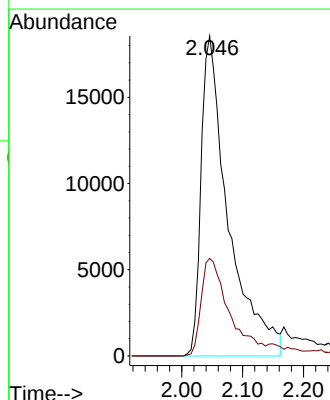
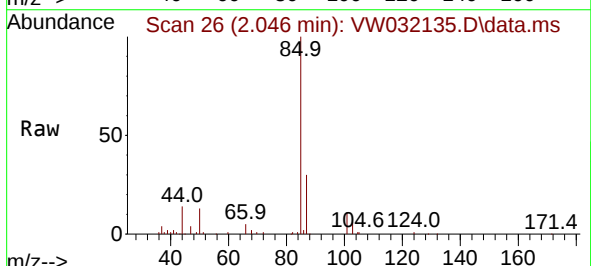
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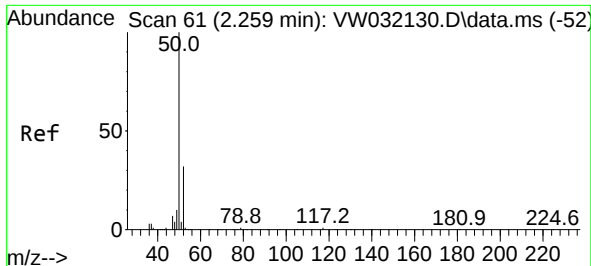
Tgt Ion: 85 Resp: 57618

Ion Ratio Lower Upper

85 100

87 30.5 15.4 46.4

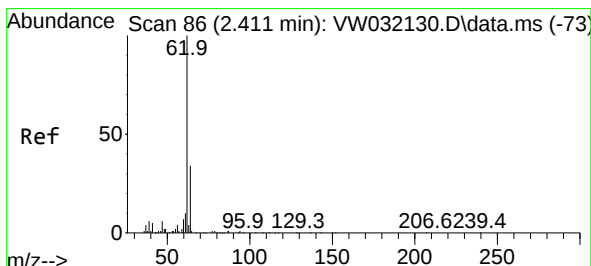
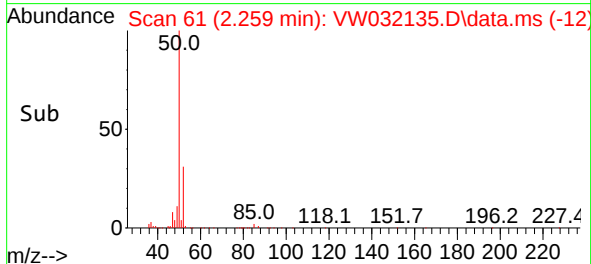
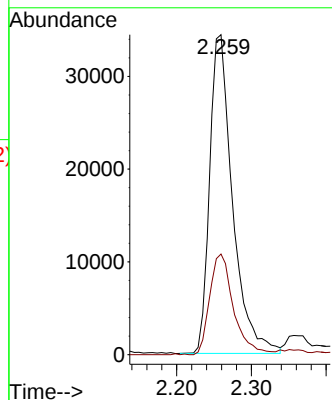
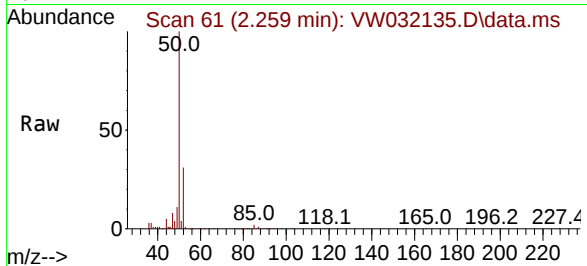




#3
Chloromethane
Concen: 58.413 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW032135.D
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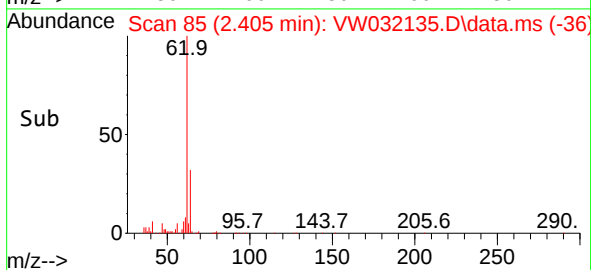
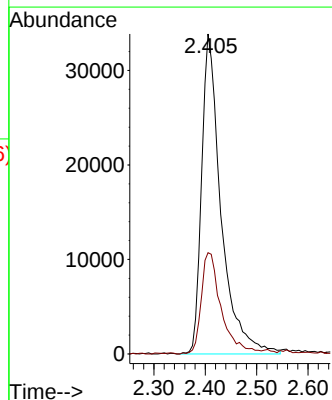
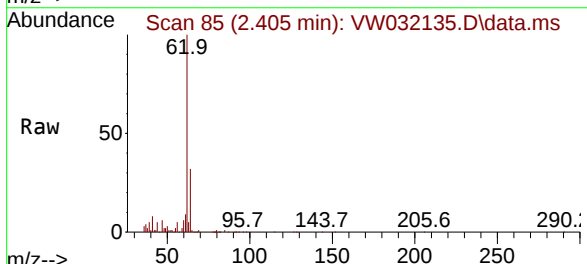
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MSVOA_W
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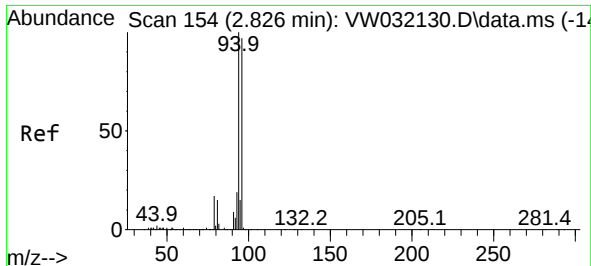
Tgt Ion: 50 Resp: 73083
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.2



#4
Vinyl Chloride
Concen: 58.202 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 62 Resp: 88895
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0

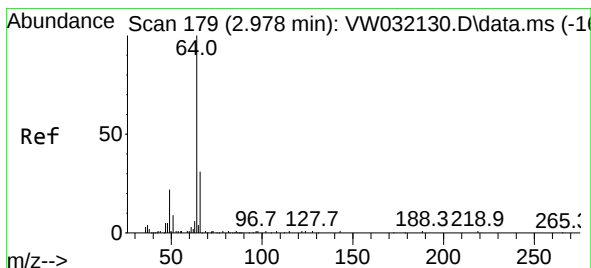
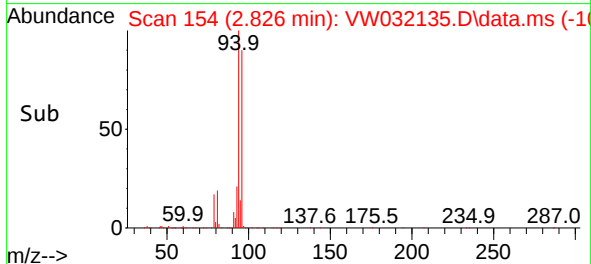
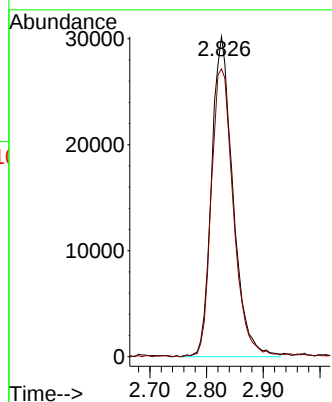
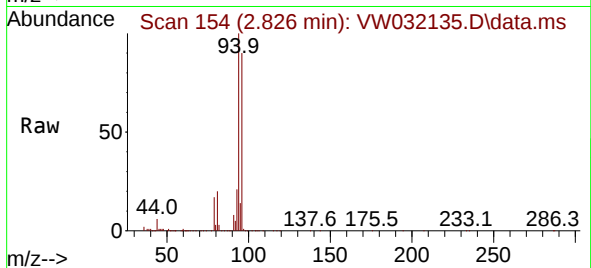




#5
Bromomethane
Concen: 57.627 ug/l
RT: 2.826 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032135.D
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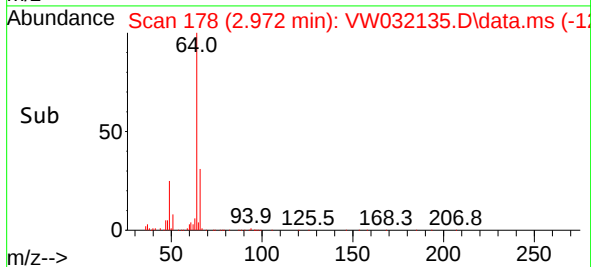
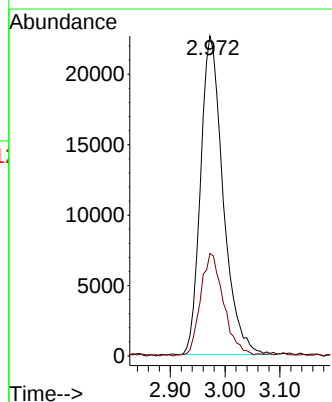
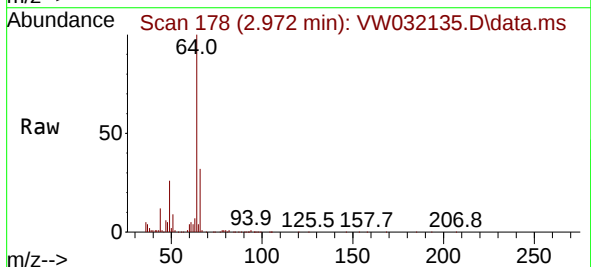
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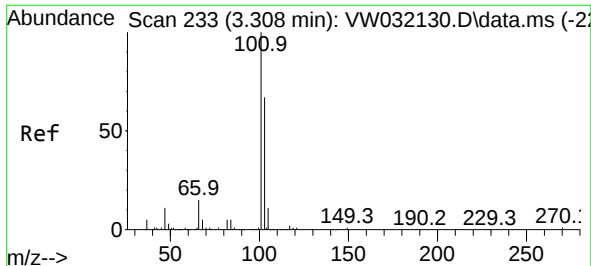
Tgt Ion: 94 Resp: 79339
Ion Ratio Lower Upper
94 100
96 90.0 72.8 109.2



#6
Chloroethane
Concen: 59.716 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 64 Resp: 64719
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

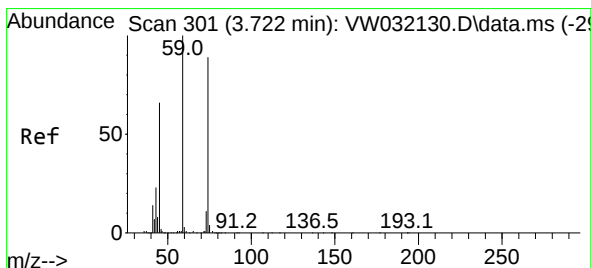
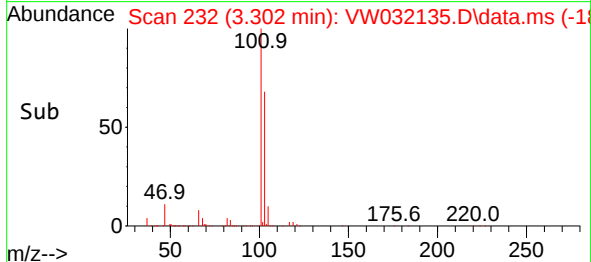
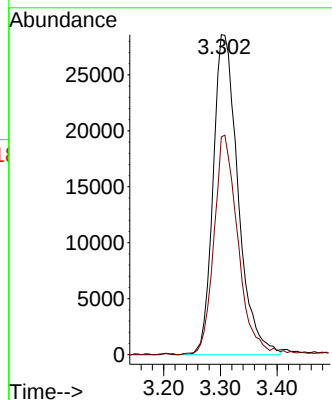
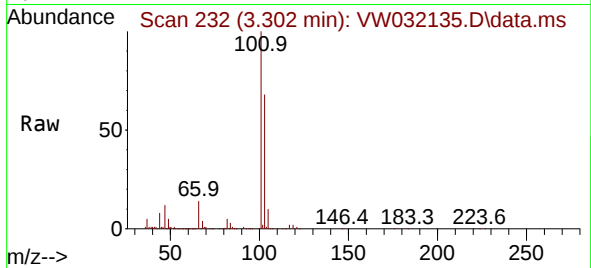




#7
 Trichlorofluoromethane
 Concen: 56.443 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032135.D
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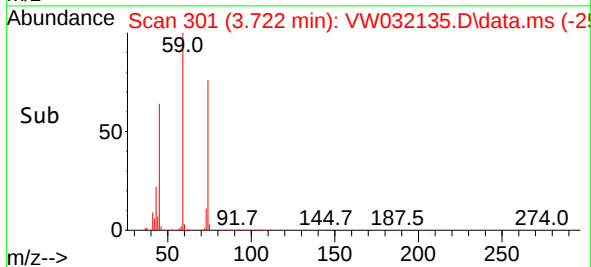
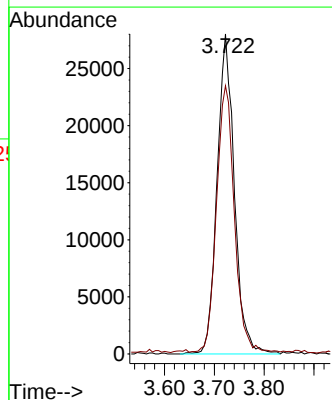
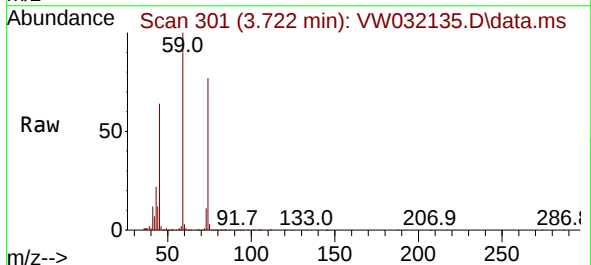
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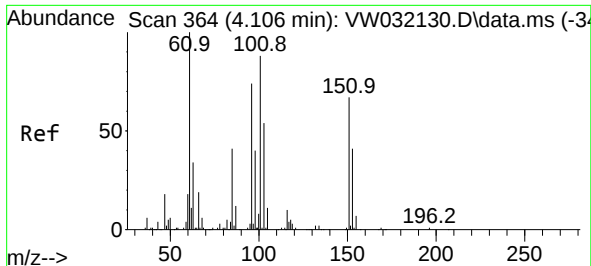
Tgt Ion:101 Resp: 87022
 Ion Ratio Lower Upper
 101 100
 103 68.1 49.8 74.8



#8
 Diethyl Ether
 Concen: 59.815 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032135.D
 Acq: 25 Aug 2025 15:38

Tgt Ion: 74 Resp: 67411
 Ion Ratio Lower Upper
 74 100
 45 85.5 43.0 128.8

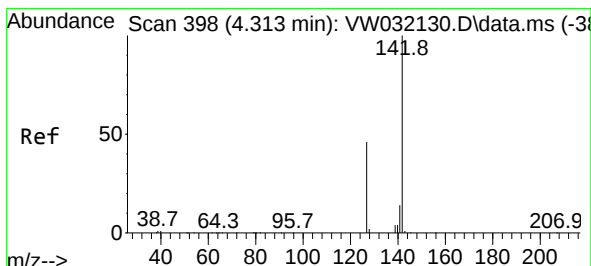
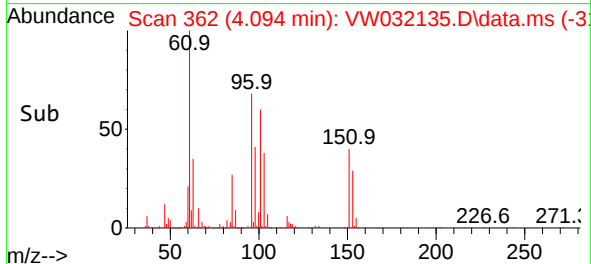
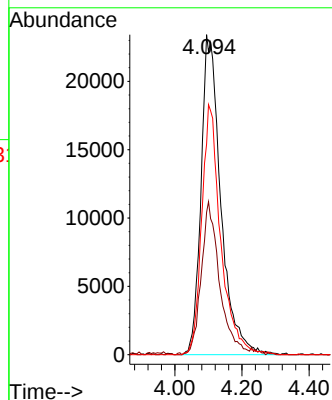
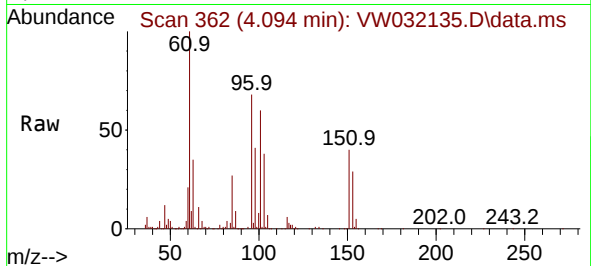




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.260 ug/l
RT: 4.094 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032135.D
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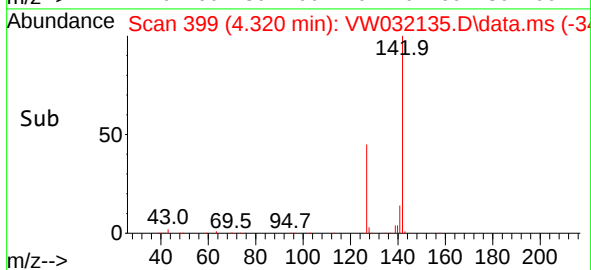
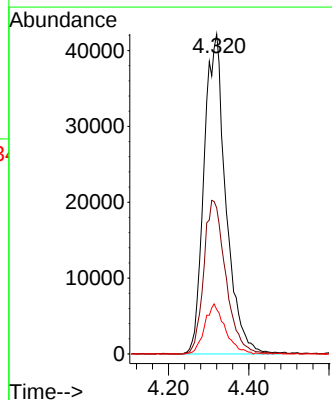
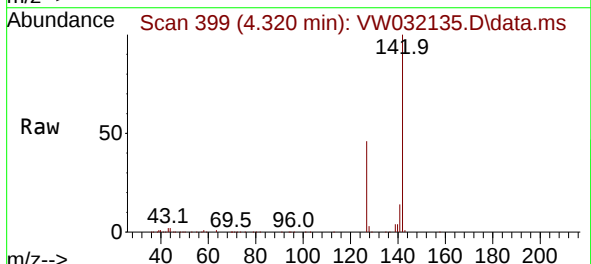
Instrument :
MSVOA_W
ClientSampleId :

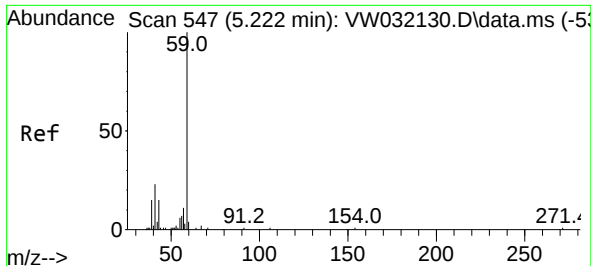
Tgt Ion:101 Resp: 95651
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 75.3 61.6 92.4



#10
Methyl Iodide
Concen: 60.904 ug/l
RT: 4.320 min Scan# 399
Delta R.T. 0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion:142 Resp: 159044
Ion Ratio Lower Upper
142 100
127 48.5 37.8 56.8
141 14.7 12.1 18.1

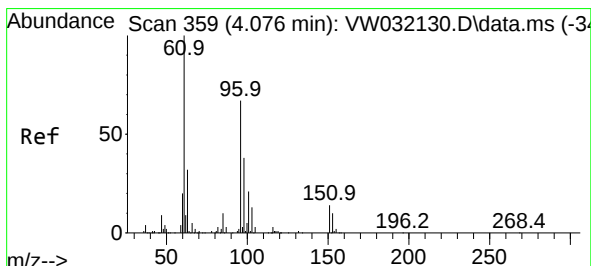
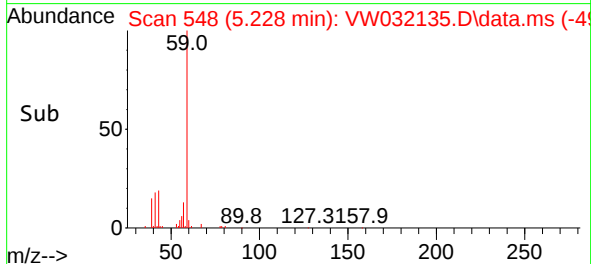
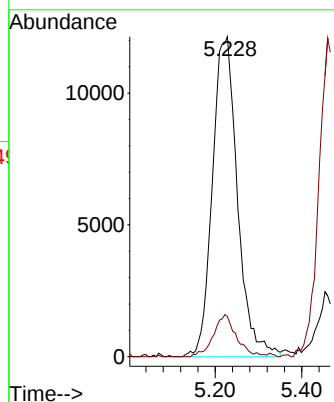
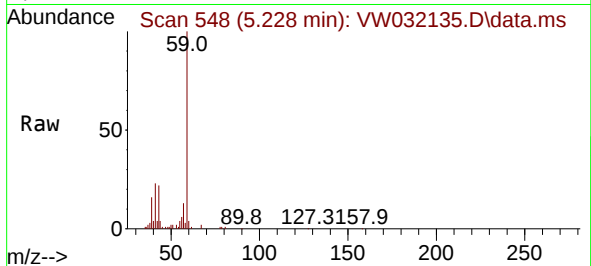




#11
Tert butyl alcohol
Concen: 323.865 ug/l
RT: 5.228 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

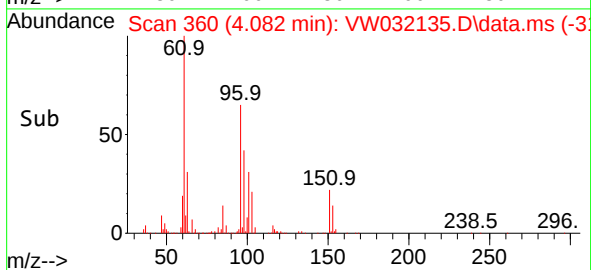
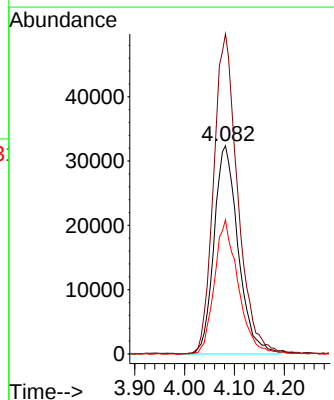
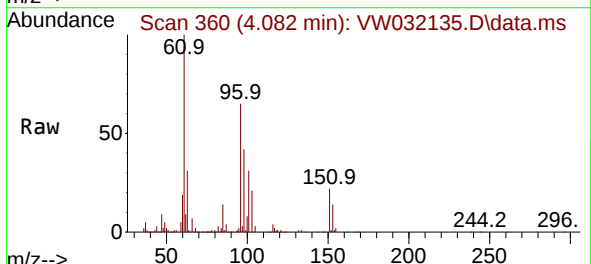
Instrument :
MSVOA_W
ClientSampleId :

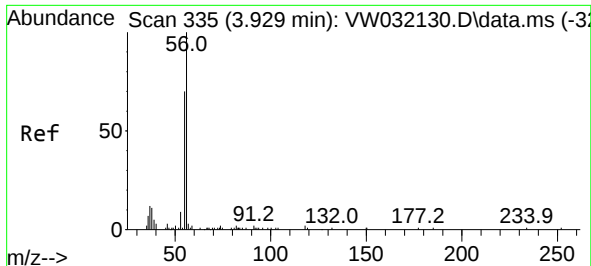
Tgt Ion: 59 Resp: 48804
Ion Ratio Lower Upper
59 100
57 11.9 10.2 15.2



#12
1,1-Dichloroethene
Concen: 59.843 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 96 Resp: 108682
Ion Ratio Lower Upper
96 100
61 153.8 124.6 186.8
98 64.4 45.0 67.4

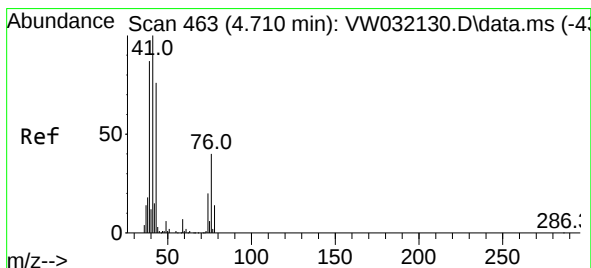
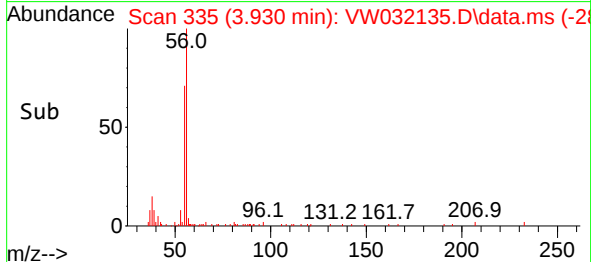
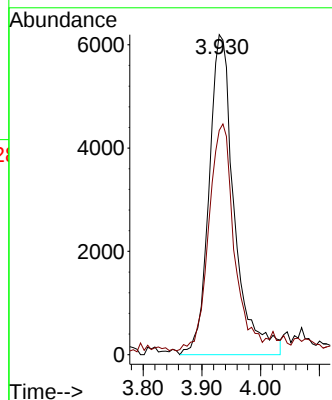
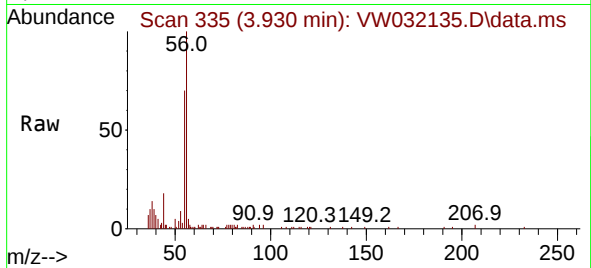




#13
Acrolein
Concen: 198.140 ug/l
RT: 3.930 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

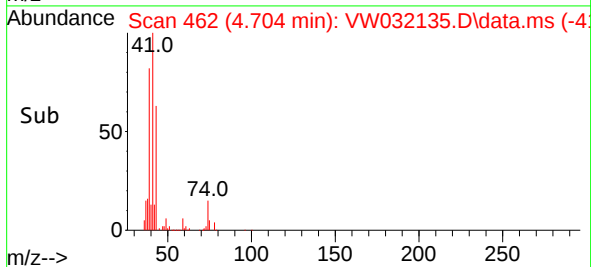
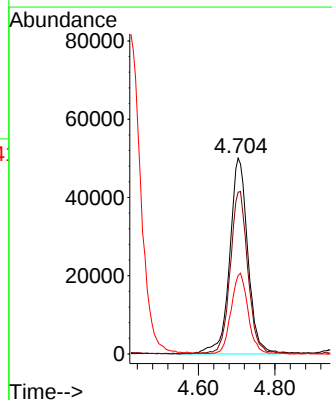
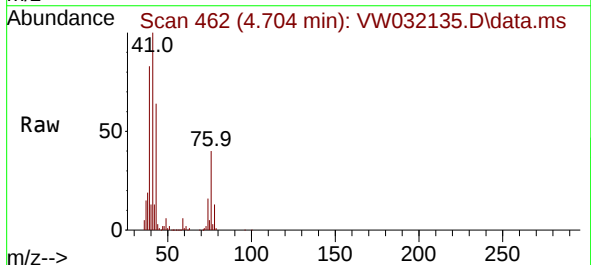
Instrument :
MSVOA_W
ClientSampleId :

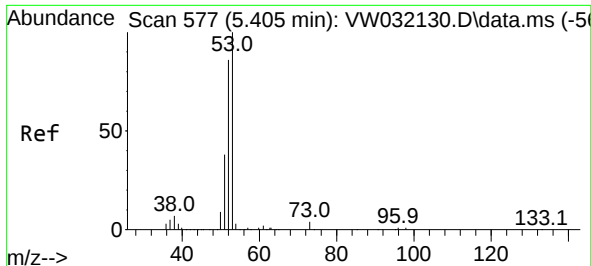
Tgt Ion: 56 Resp: 18496
Ion Ratio Lower Upper
56 100
55 70.8 53.5 80.3



#14
Allyl chloride
Concen: 64.126 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 41 Resp: 164775
Ion Ratio Lower Upper
41 100
39 80.3 65.1 97.7
76 37.9 30.7 46.1

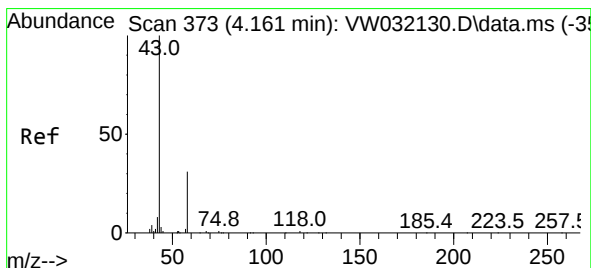
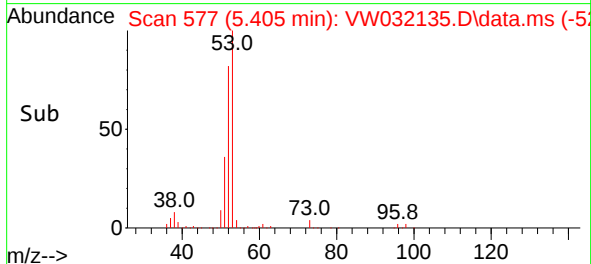
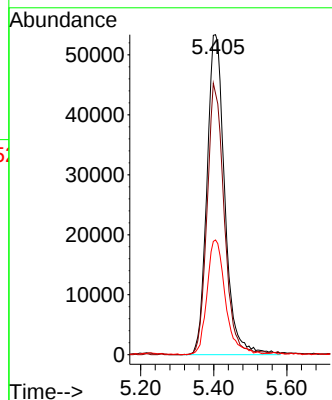
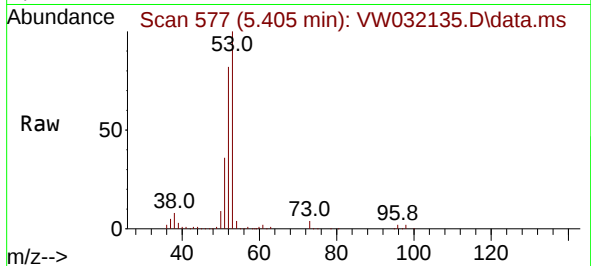




#15
Acrylonitrile
Concen: 324.698 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

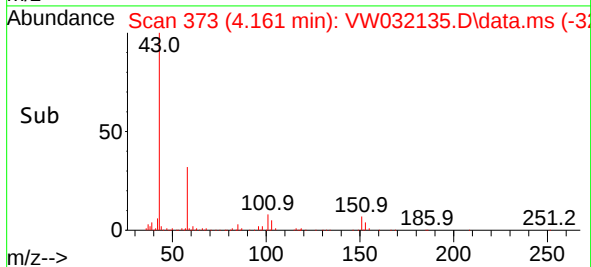
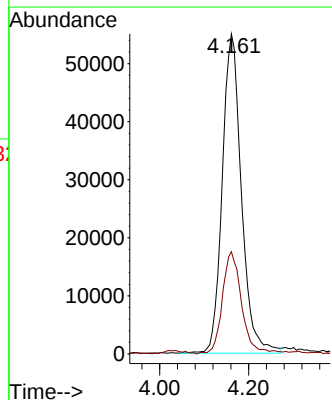
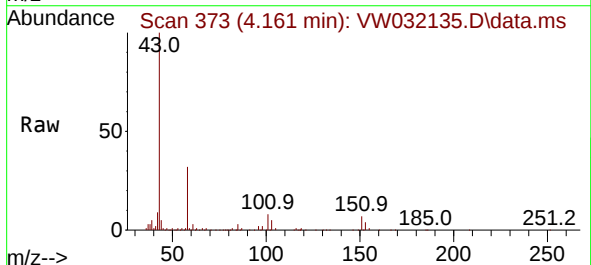
Instrument :
MSVOA_W
ClientSampleId :

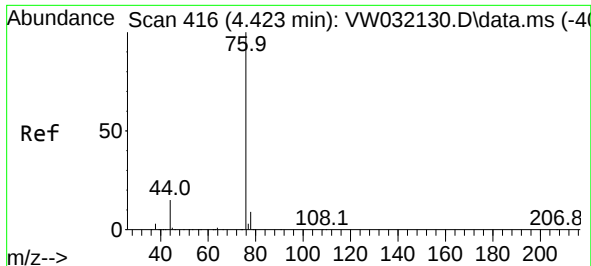
Tgt Ion: 53 Resp: 180486
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 37.1 30.2 45.4



#16
Acetone
Concen: 288.785 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 43 Resp: 163939
Ion Ratio Lower Upper
43 100
58 31.3 24.6 36.8

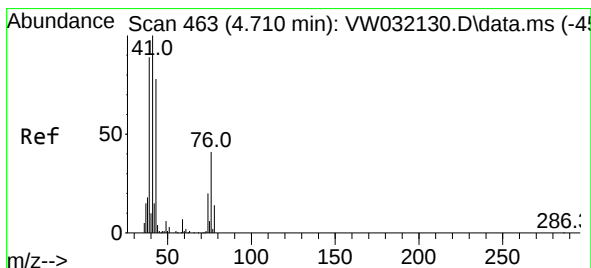
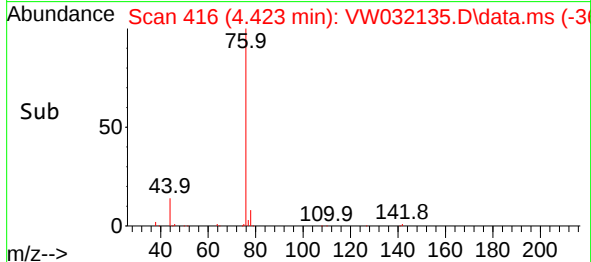
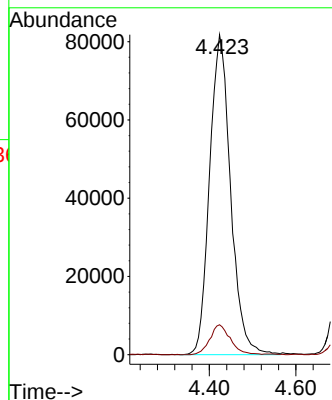
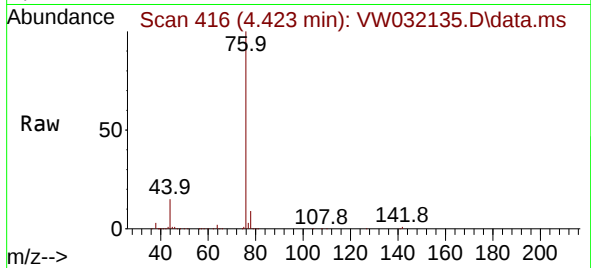




#17
Carbon Disulfide
Concen: 60.645 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

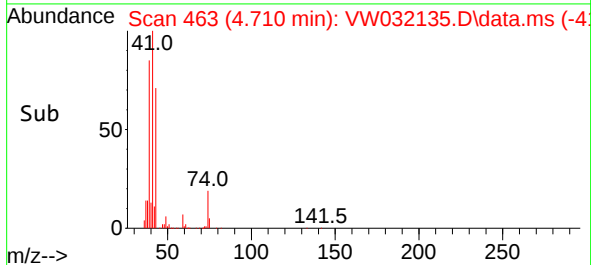
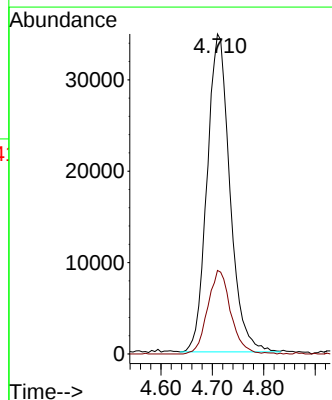
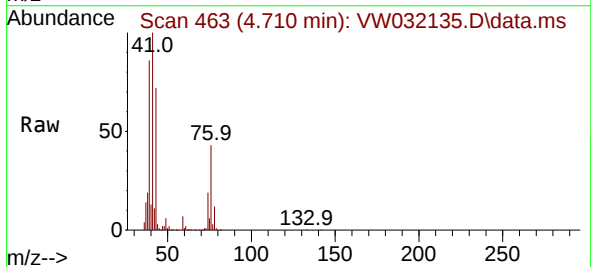
Instrument :
MSVOA_W
ClientSampleId :

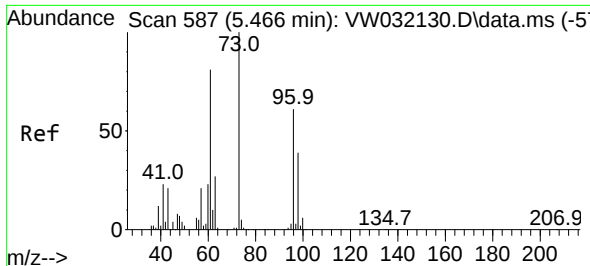
Tgt Ion: 76 Resp: 275565
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.6



#18
Methyl Acetate
Concen: 66.400 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 43 Resp: 107322
Ion Ratio Lower Upper
43 100
74 26.4 20.6 30.8

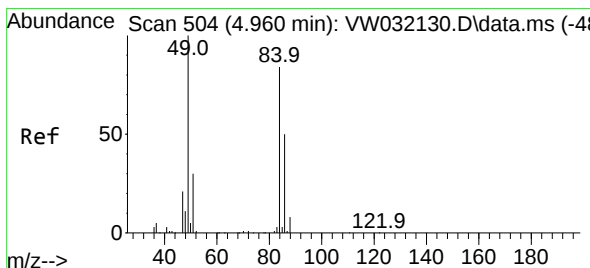
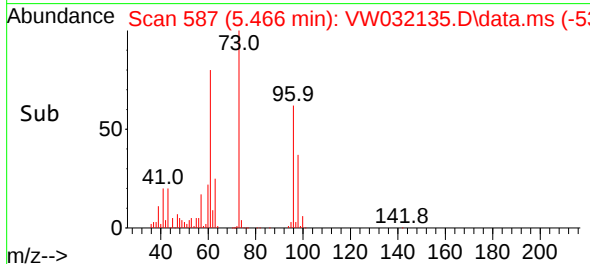
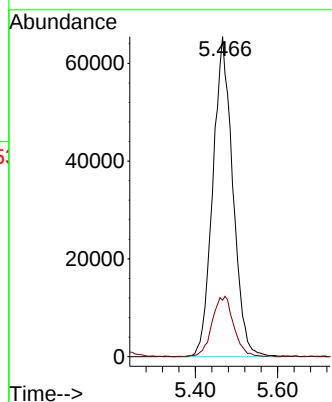
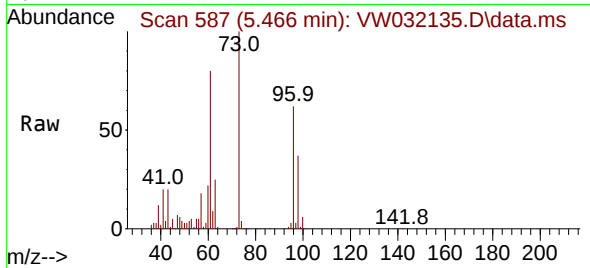




#19
Methyl tert-butyl Ether
Concen: 65.034 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

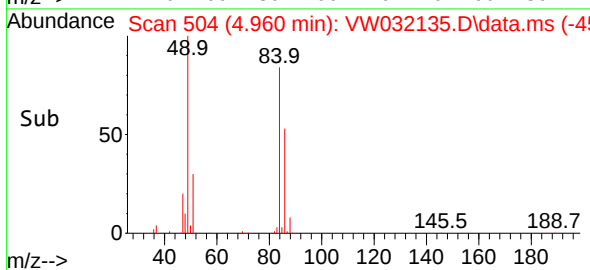
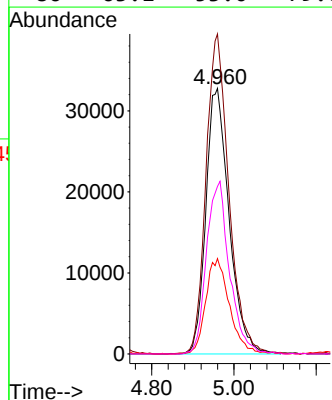
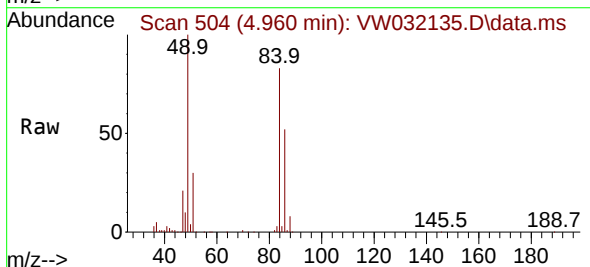
Instrument :
MSVOA_W
ClientSampleId :

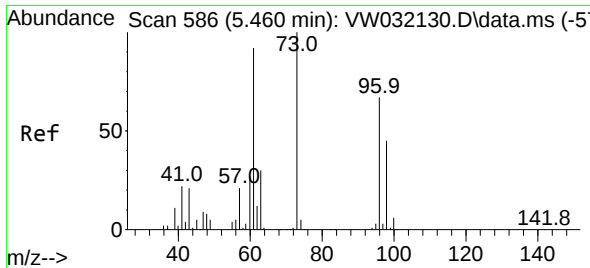
Tgt Ion: 73 Resp: 220459
Ion Ratio Lower Upper
73 100
57 17.6 17.7 26.5#



#20
Methylene Chloride
Concen: 56.406 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 84 Resp: 128878
Ion Ratio Lower Upper
84 100
49 120.2 94.2 141.4
51 35.6 28.1 42.1
86 63.1 53.0 79.6

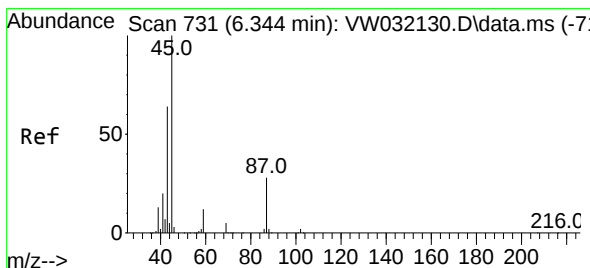
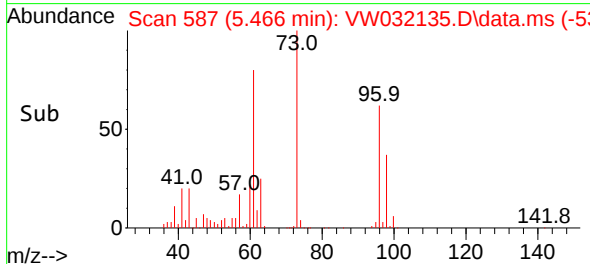
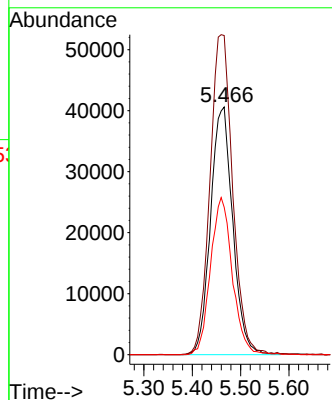
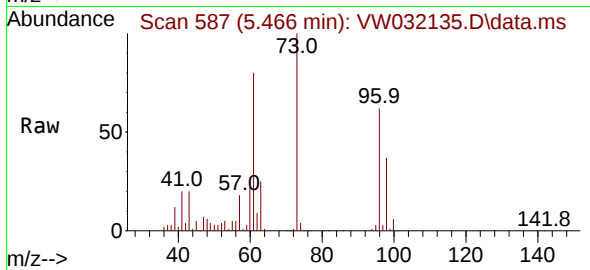




#21
trans-1,2-Dichloroethene
Concen: 63.804 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

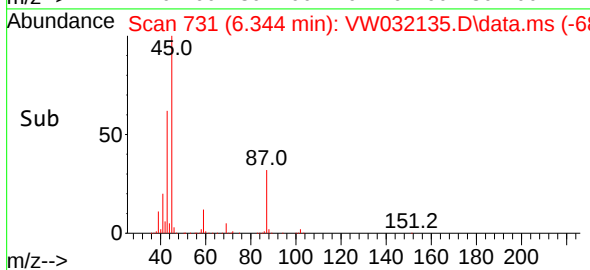
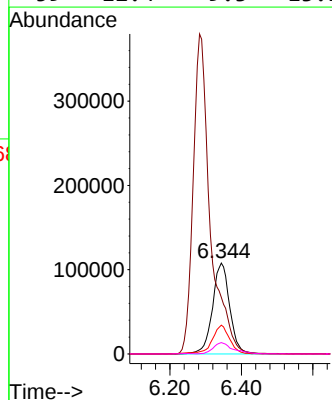
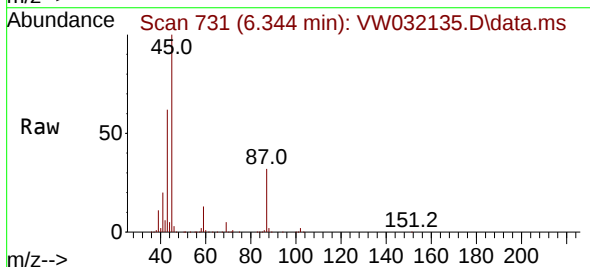
Instrument :
MSVOA_W
ClientSampleId :

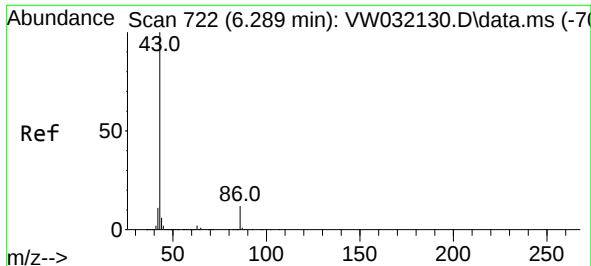
Tgt Ion: 96 Resp: 129261
Ion Ratio Lower Upper
96 100
61 128.8 103.0 154.4
98 59.5 56.2 84.4



#22
Diisopropyl ether
Concen: 63.746 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 45 Resp: 360855
Ion Ratio Lower Upper
45 100
43 61.9 49.4 74.0
87 31.7 24.2 36.2
59 12.4 9.3 13.9

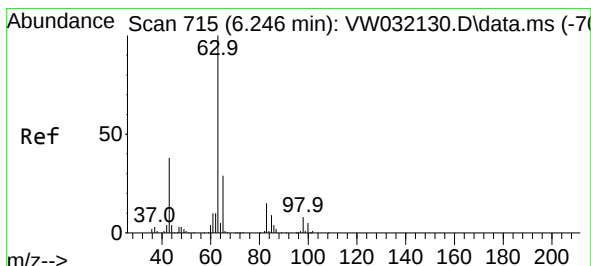
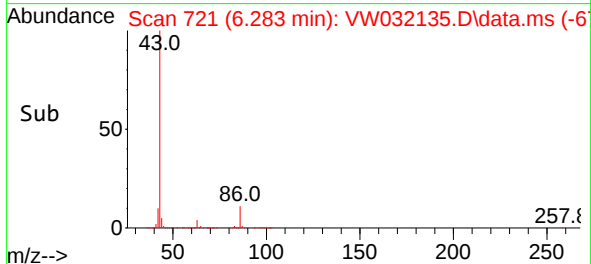
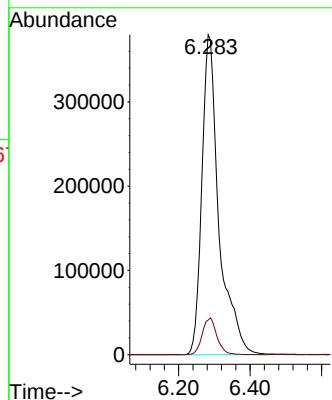
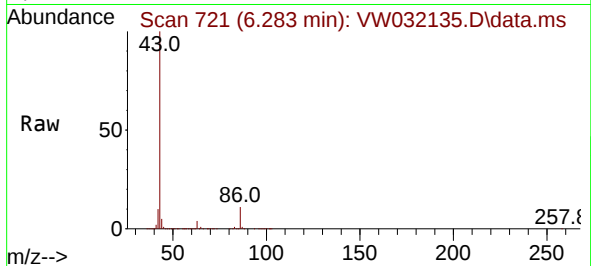




#23
 Vinyl Acetate
 Concen: 323.903 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: VW032135.D
 Acq: 25 Aug 2025 15:38

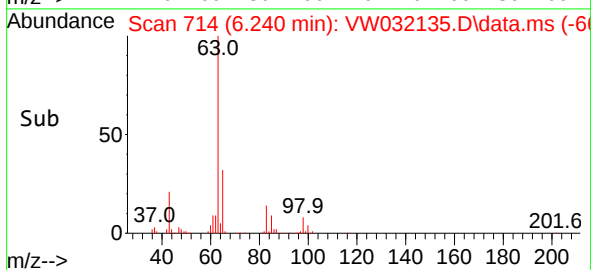
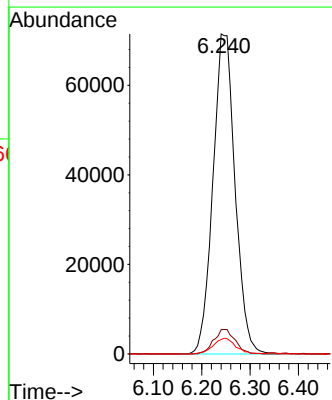
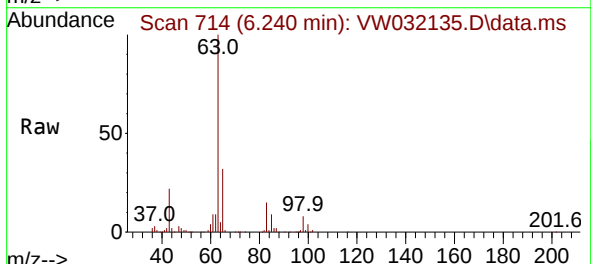
Instrument :
 MSVOA_W
 ClientSampleId :

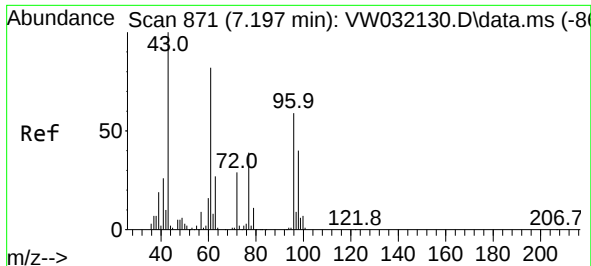
Tgt Ion: 43 Resp: 1257636
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 62.800 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW032135.D
 Acq: 25 Aug 2025 15:38

Tgt Ion: 63 Resp: 227294
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 4.5 2.1 6.3

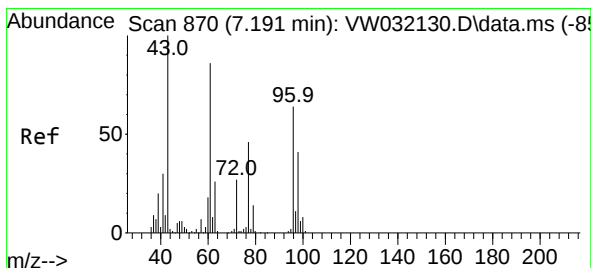
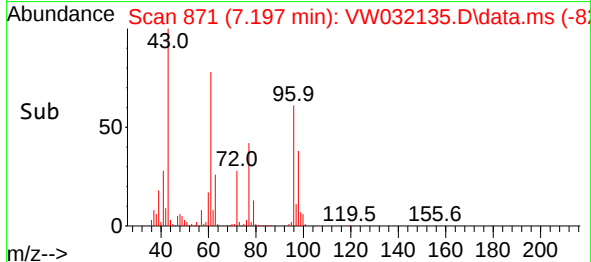
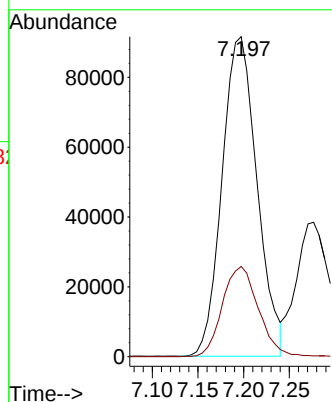
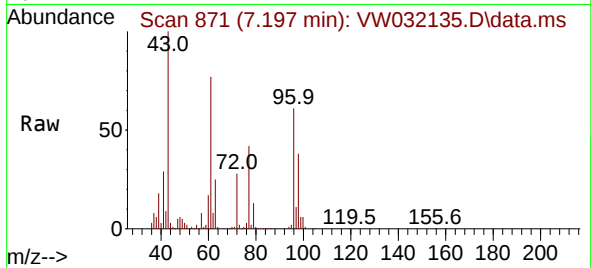




#25
2-Butanone
Concen: 309.878 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

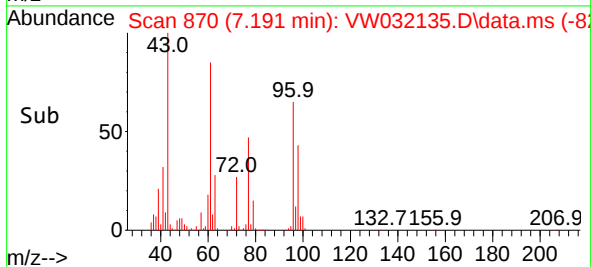
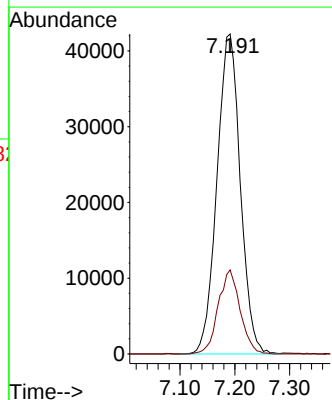
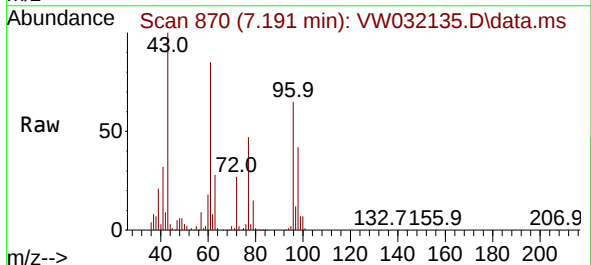
Instrument :
MSVOA_W
ClientSampleId :

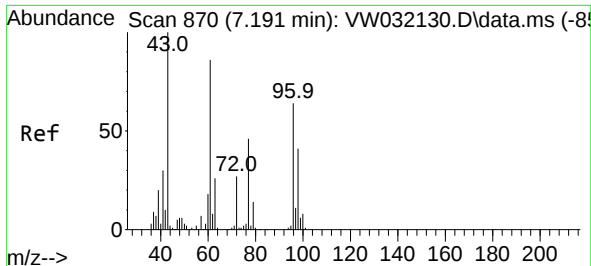
Tgt Ion: 43 Resp: 243867
Ion Ratio Lower Upper
43 100
72 28.2 21.6 32.4



#26
2,2-Dichloropropane
Concen: 63.152 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 77 Resp: 125077
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.9

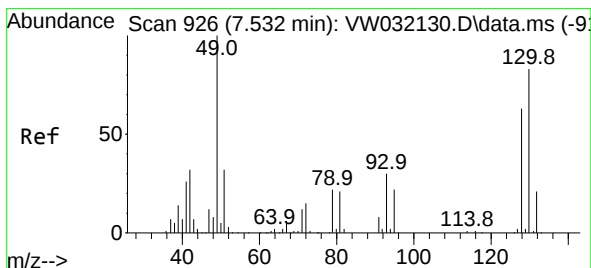
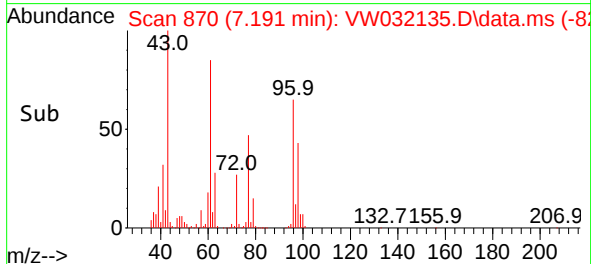
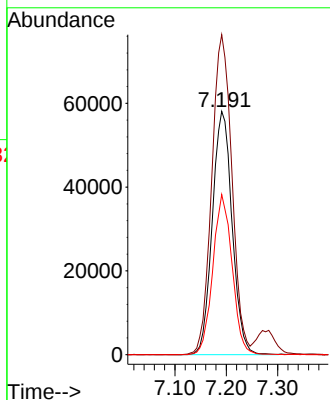
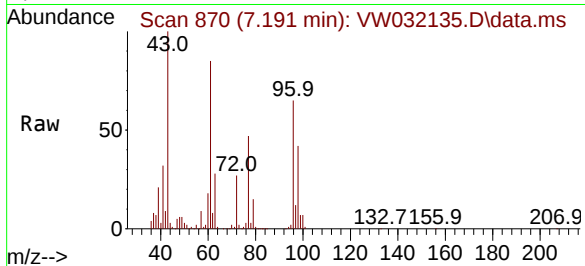




#27
 cis-1,2-Dichloroethene
 Concen: 63.449 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032135.D
 Acq: 25 Aug 2025 15:38

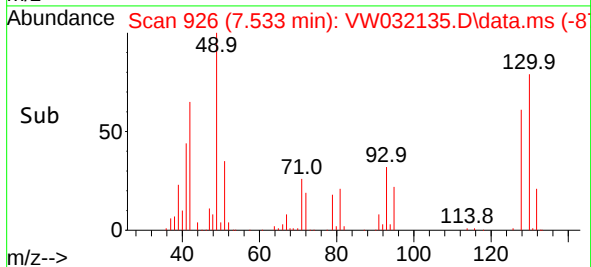
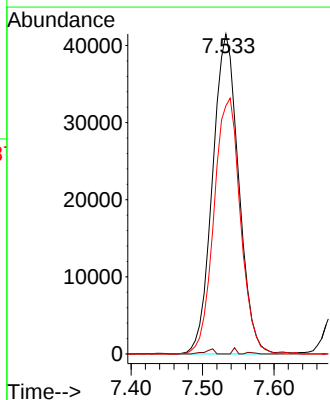
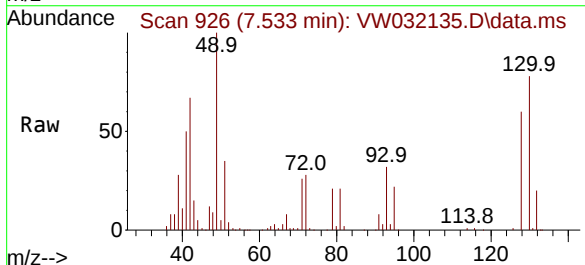
Instrument :
 MSVOA_W
 ClientSampleId :

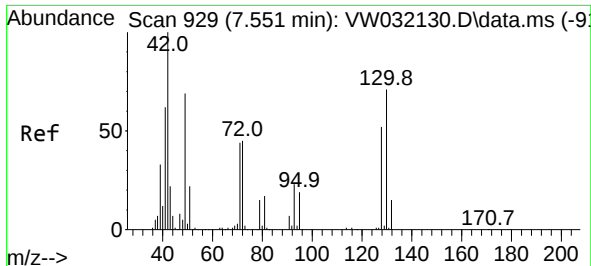
Tgt Ion: 96 Resp: 155472
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 266.2
 98 64.1 0.0 125.4



#28
 Bromochloromethane
 Concen: 62.827 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032135.D
 Acq: 25 Aug 2025 15:38

Tgt Ion: 49 Resp: 105370
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 1.4
 130 81.0 67.8 101.8





#29

Tetrahydrofuran

Concen: 319.827 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

ClientSampleId :

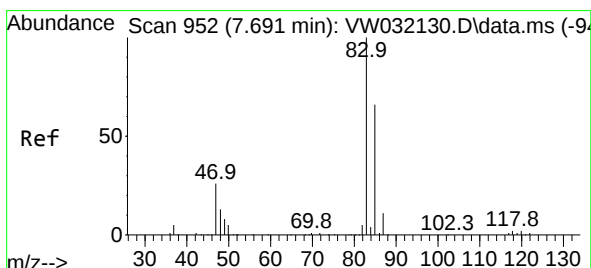
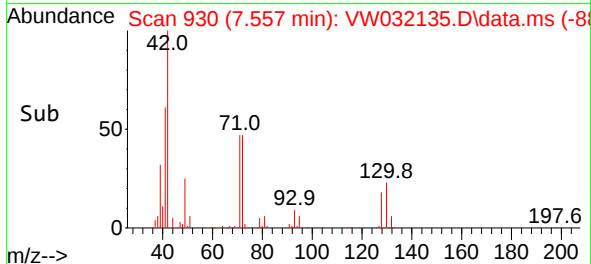
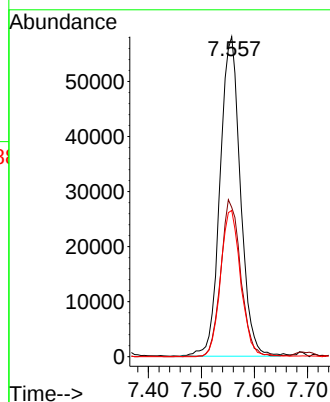
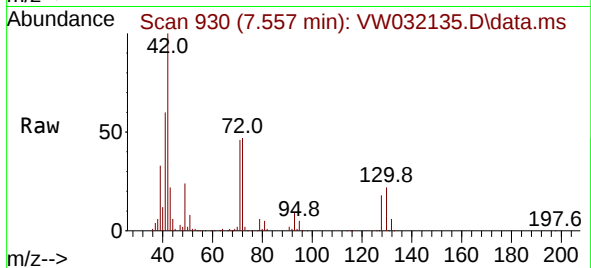
Tgt Ion: 42 Resp: 155164

Ion Ratio Lower Upper

42 100

72 47.5 38.2 57.2

71 45.4 35.8 53.8



#30

Chloroform

Concen: 62.733 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032135.D

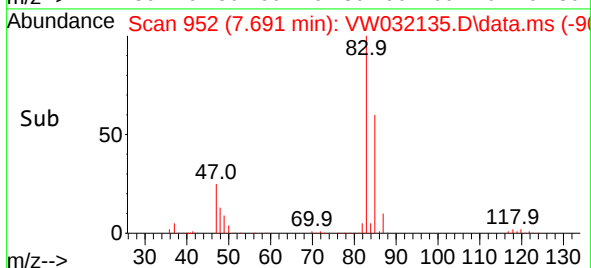
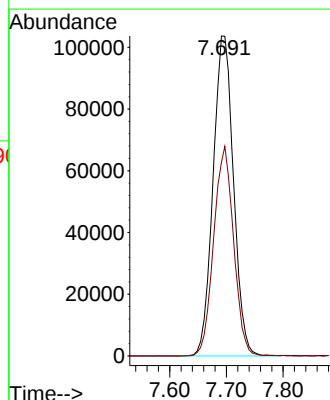
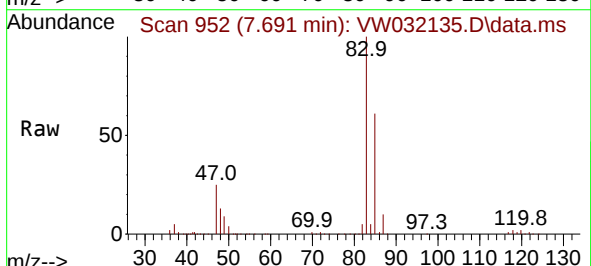
Acq: 25 Aug 2025 15:38

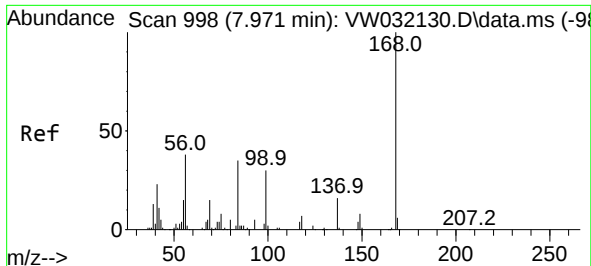
Tgt Ion: 83 Resp: 259780

Ion Ratio Lower Upper

83 100

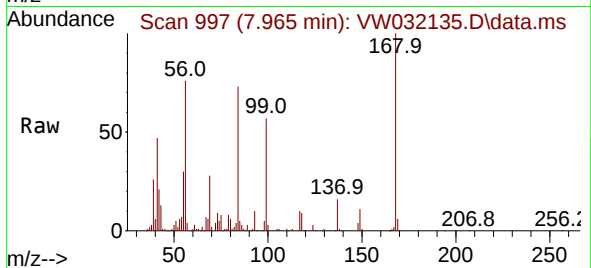
85 60.5 51.0 76.4



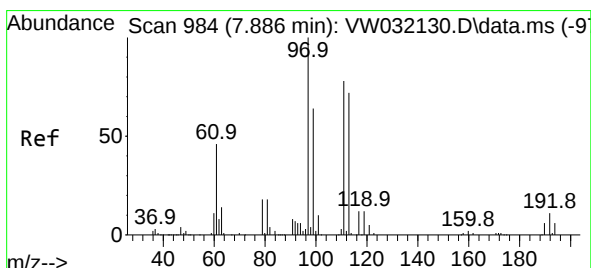
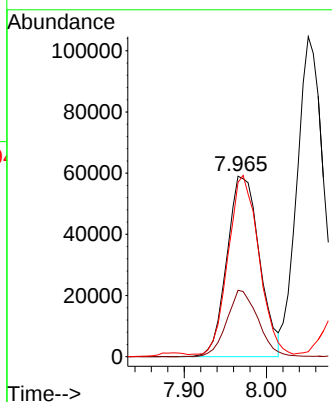
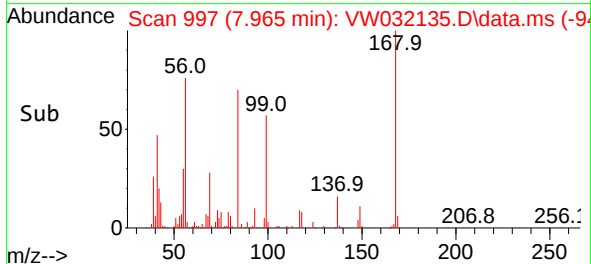


#31
Cyclohexane
Concen: 53.706 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Instrument :
MSVOA_W
ClientSampleId :

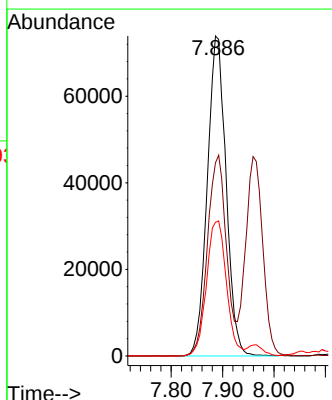
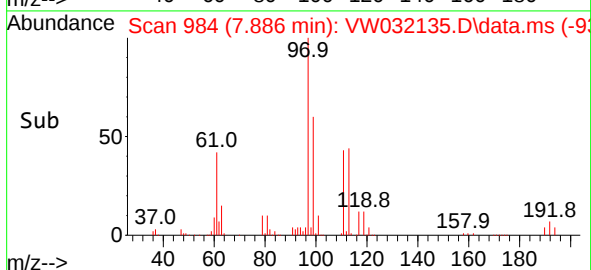
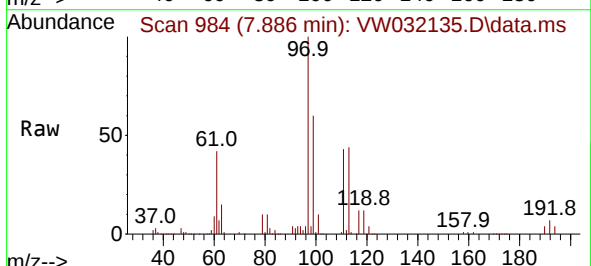


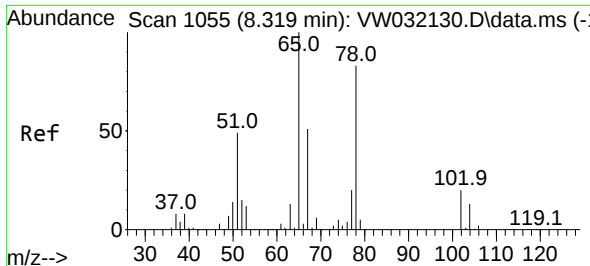
Tgt Ion: 56 Resp: 162540
Ion Ratio Lower Upper
56 100
69 36.8 29.0 43.6
84 94.5 73.7 110.5



#32
1,1,1-Trichloroethane
Concen: 62.337 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 97 Resp: 187548
Ion Ratio Lower Upper
97 100
99 64.0 52.5 78.7
61 44.8 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 58.795 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

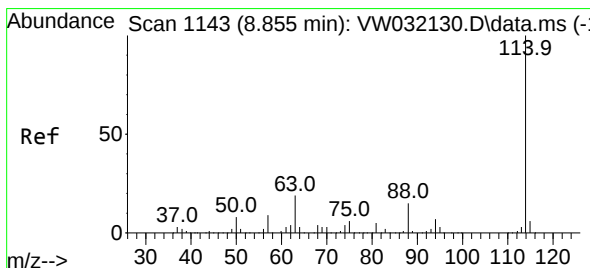
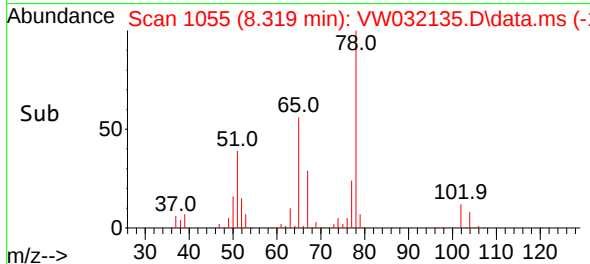
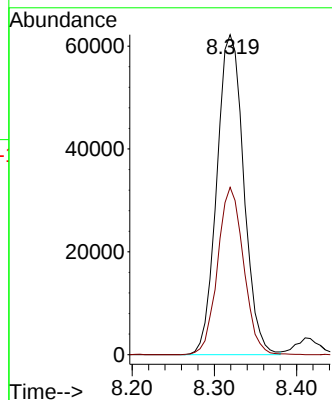
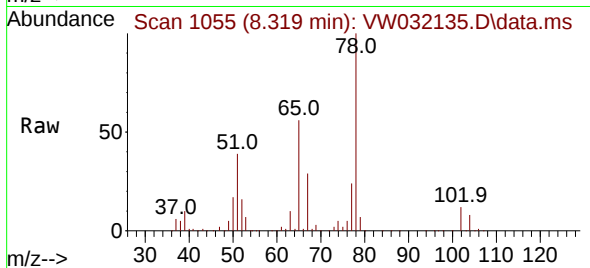
ClientSampleId :

Tgt Ion: 65 Resp: 141875

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

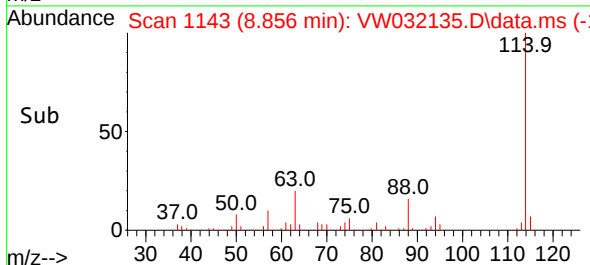
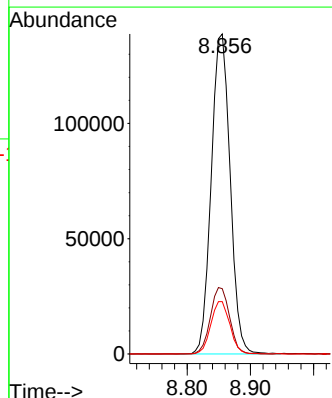
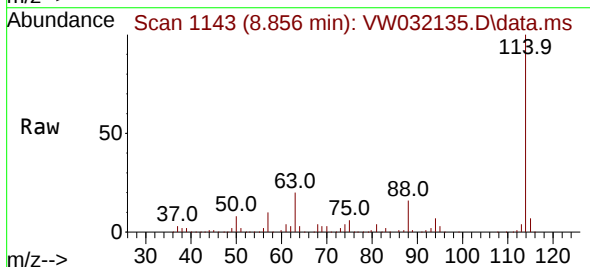
Tgt Ion: 114 Resp: 287967

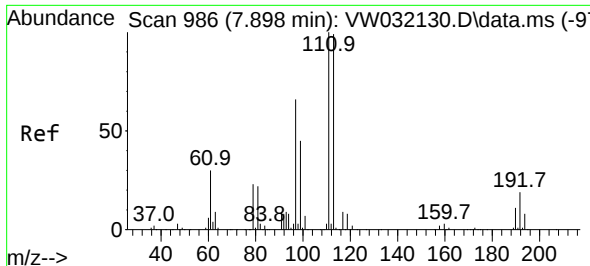
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 16.4 0.0 30.2

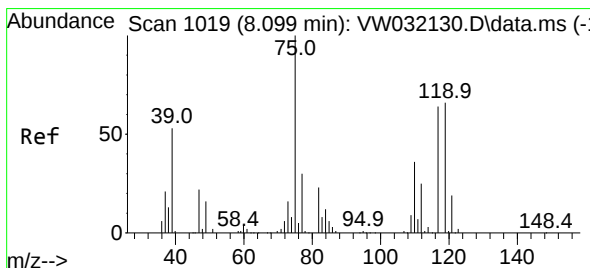
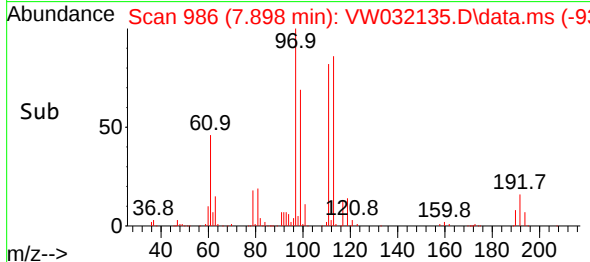
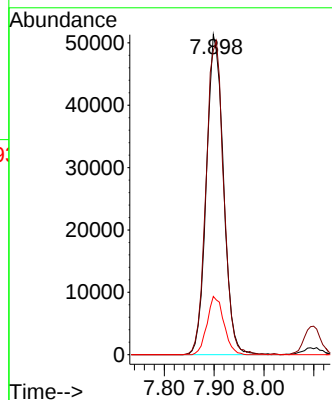
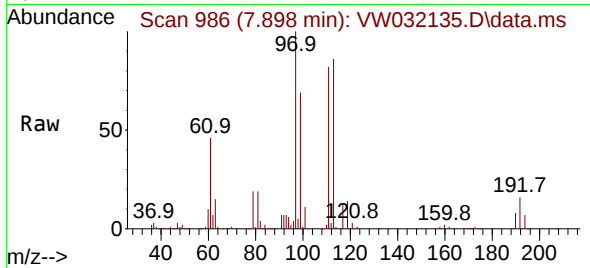




#35
 Dibromofluoromethane
 Concen: 62.459 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032135.D
 Acq: 25 Aug 2025 15:38

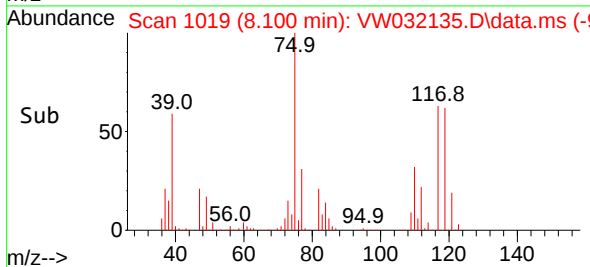
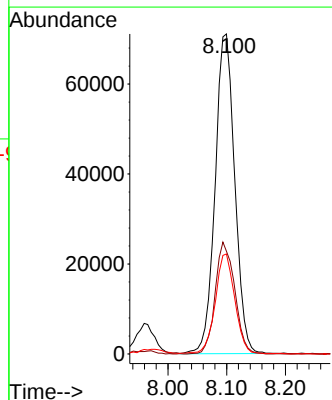
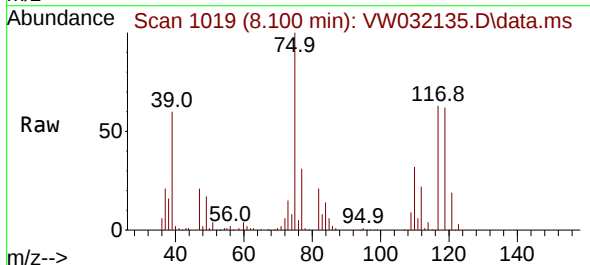
Instrument :
 MSVOA_W
 ClientSampleId :

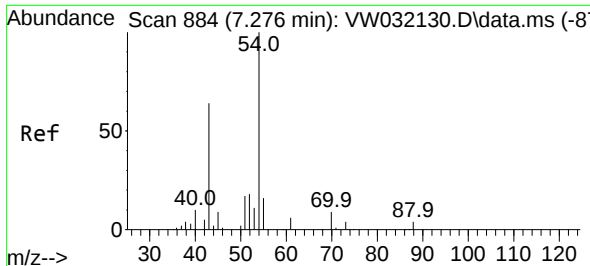
Tgt Ion:113 Resp: 122108
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.2 121.8
 192 17.9 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 64.052 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW032135.D
 Acq: 25 Aug 2025 15:38

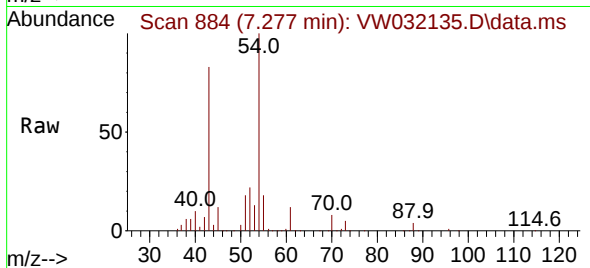
Tgt Ion: 75 Resp: 164993
 Ion Ratio Lower Upper
 75 100
 110 34.8 18.4 55.4
 77 30.8 25.7 38.5



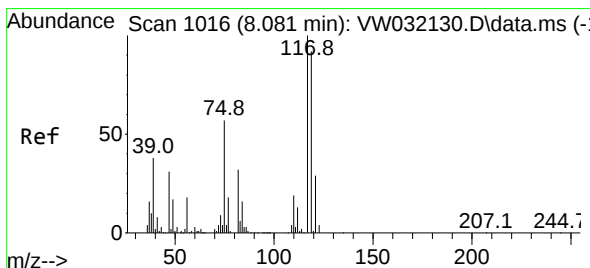
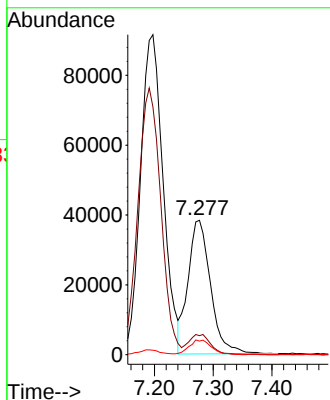
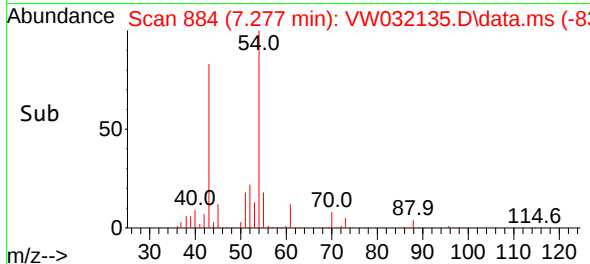


#37
Ethyl Acetate
Concen: 64.447 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

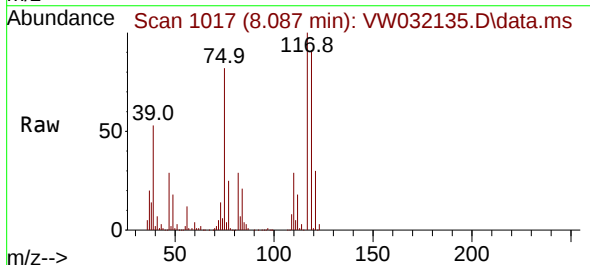
Instrument :
MSVOA_W
ClientSampleId :



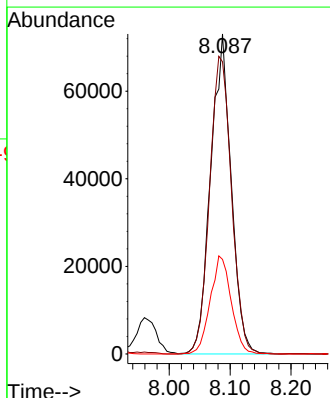
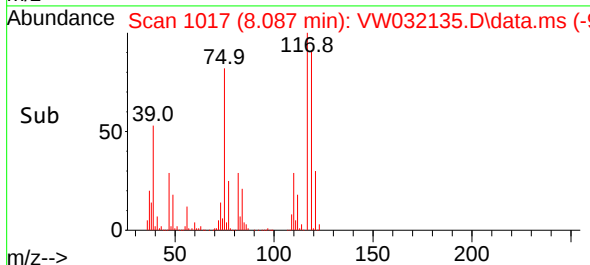
Tgt Ion: 43 Resp: 101996
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 10.8 9.1 13.7

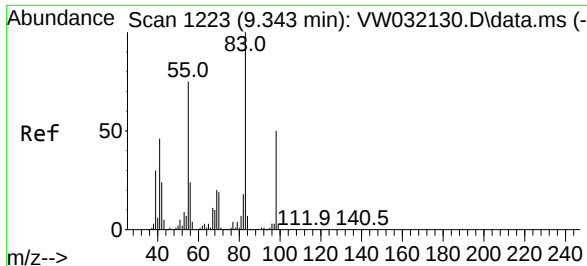


#38
Carbon Tetrachloride
Concen: 62.732 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38



Tgt Ion: 117 Resp: 171296
Ion Ratio Lower Upper
117 100
119 91.3 78.9 118.3
121 29.5 23.9 35.9

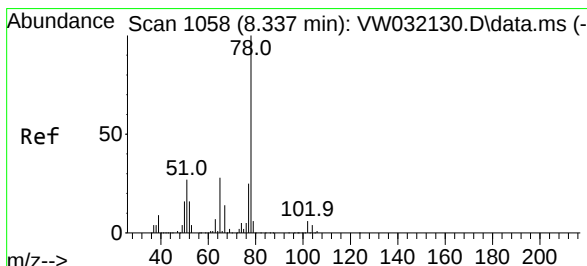
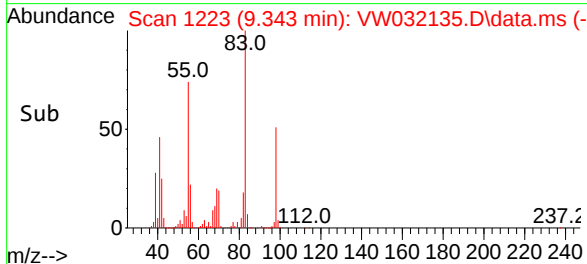
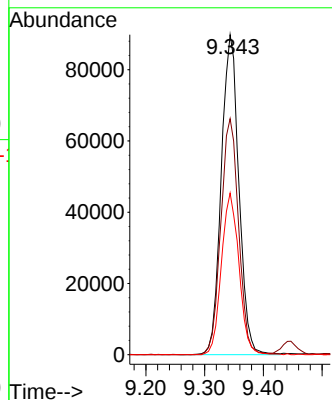
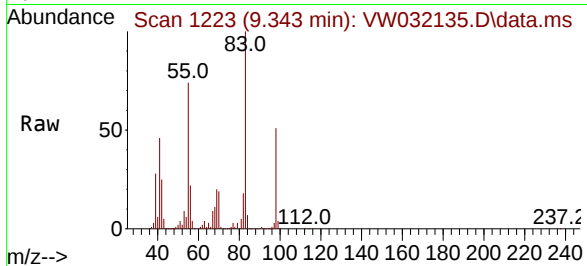




#39
Methylcyclohexane
Concen: 61.036 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

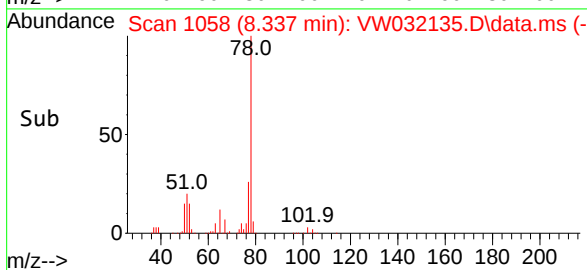
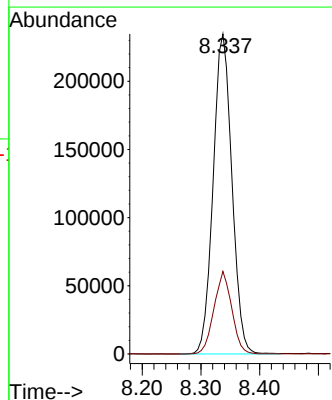
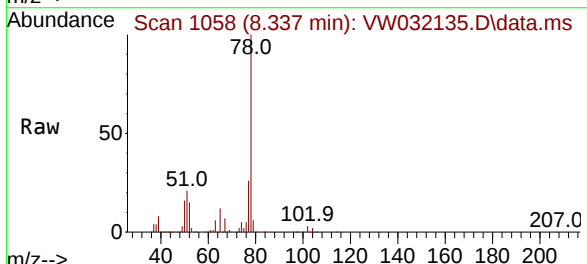
Instrument :
MSVOA_W
ClientSampleId :

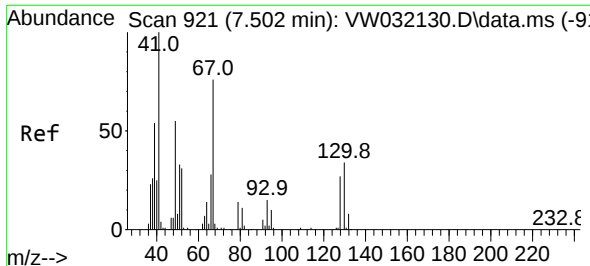
Tgt Ion: 83 Resp: 186983
Ion Ratio Lower Upper
83 100
55 73.8 59.5 89.3
98 50.5 39.9 59.9



#40
Benzene
Concen: 65.574 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

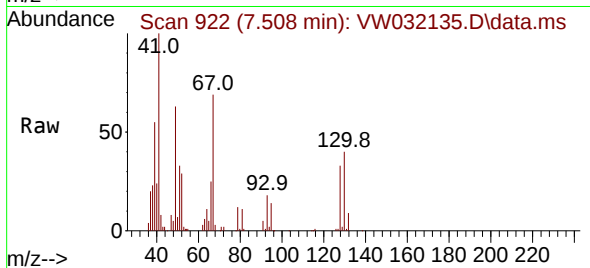
Tgt Ion: 78 Resp: 520156
Ion Ratio Lower Upper
78 100
77 25.8 20.4 30.6



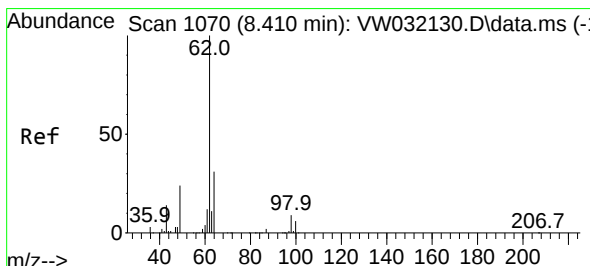
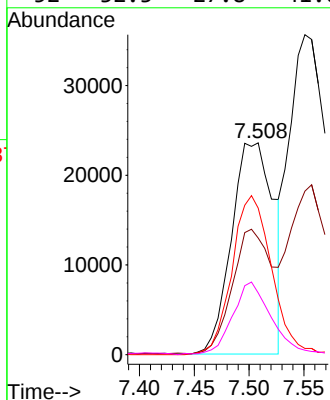
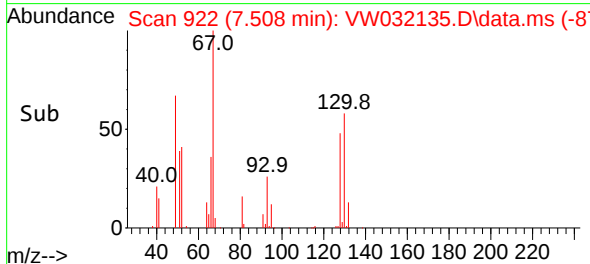


#41
Methacrylonitrile
Concen: 72.805 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Instrument :
MSVOA_W
ClientSampleId :

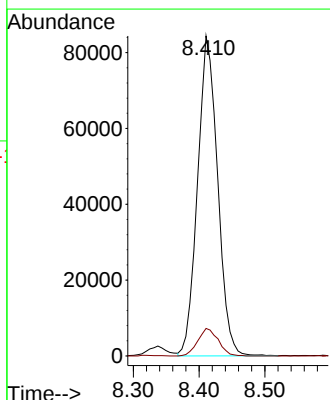
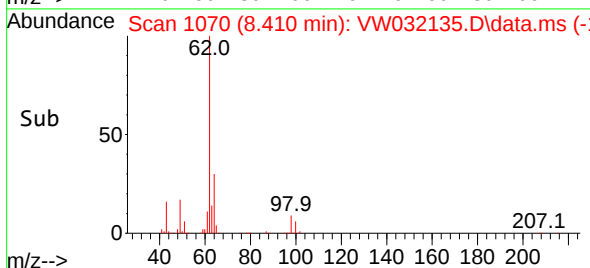
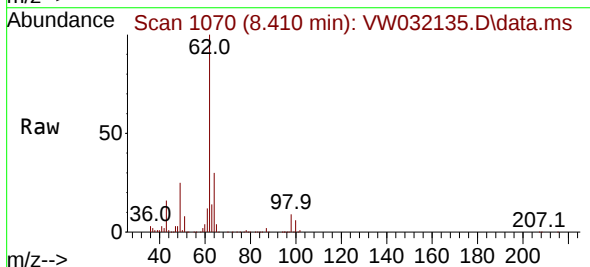


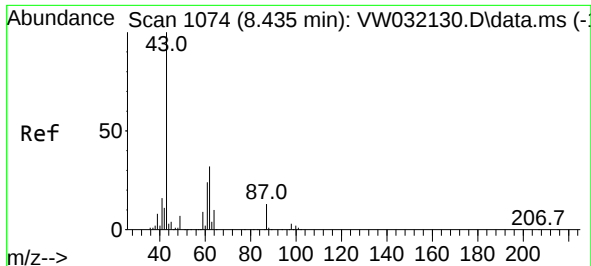
Tgt Ion:	41	Resp:	62774
Ion	Ratio	Lower	Upper
41	100		
39	56.4	52.6	79.0
67	71.8	63.8	95.8
52	32.3	27.8	41.6



#42
1,2-Dichloroethane
Concen: 64.837 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

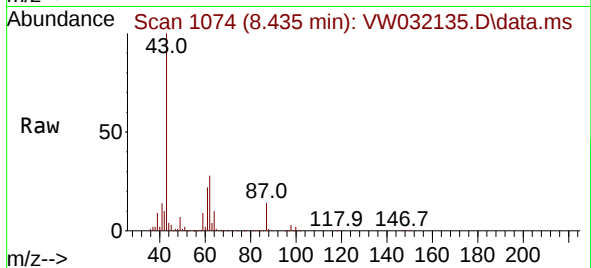
Tgt Ion:	62	Resp:	178919
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0



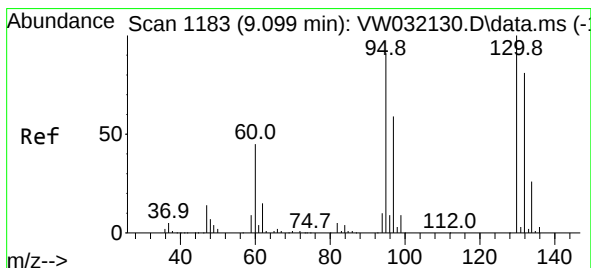
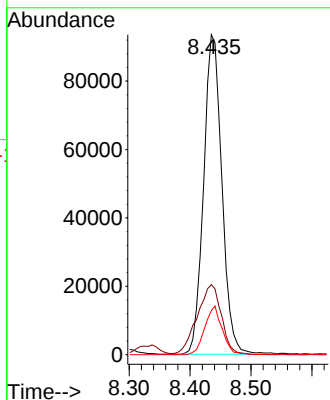
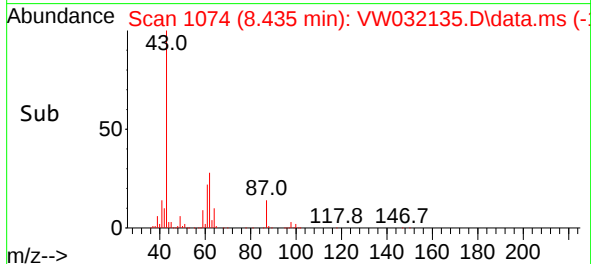


#43
Isopropyl Acetate
Concen: 66.875 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Instrument :
MSVOA_W
ClientSampleId :

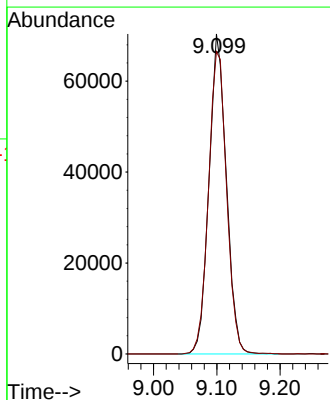
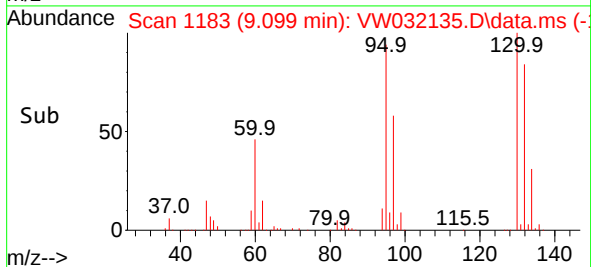
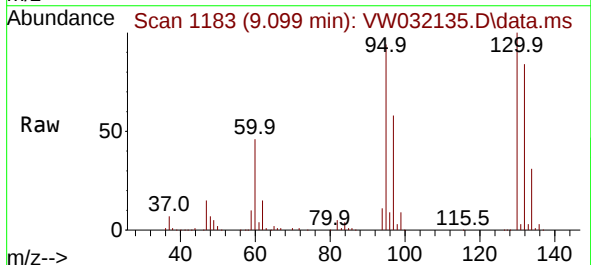


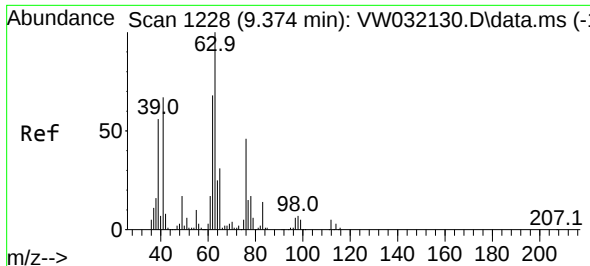
Tgt Ion: 43 Resp: 195057
Ion Ratio Lower Upper
43 100
61 28.8 24.0 36.0
87 14.5 11.4 17.2



#44
Trichloroethene
Concen: 65.532 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion:130 Resp: 133905
Ion Ratio Lower Upper
130 100
95 94.5 0.0 190.0

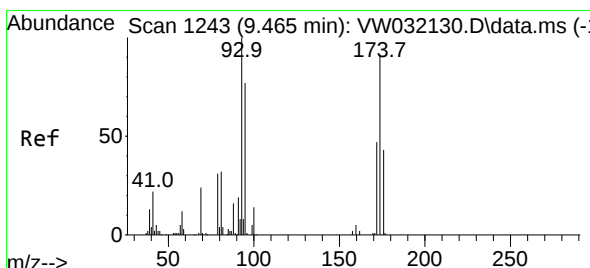
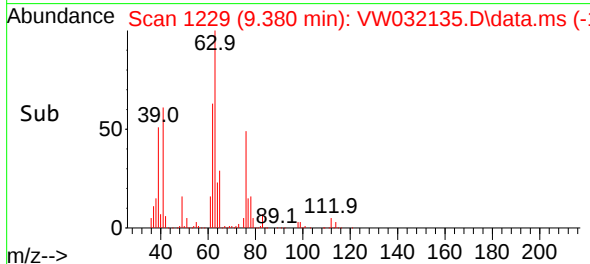
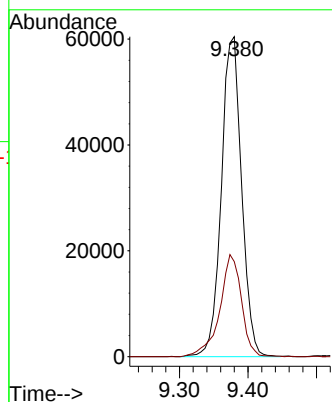
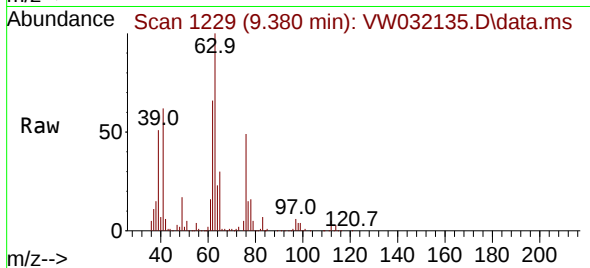




#45
1,2-Dichloropropane
Concen: 64.839 ug/l
RT: 9.380 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

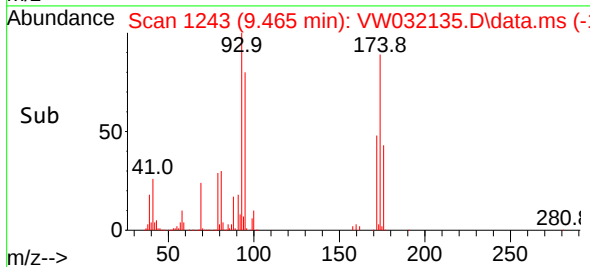
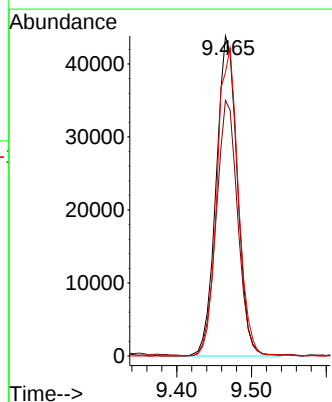
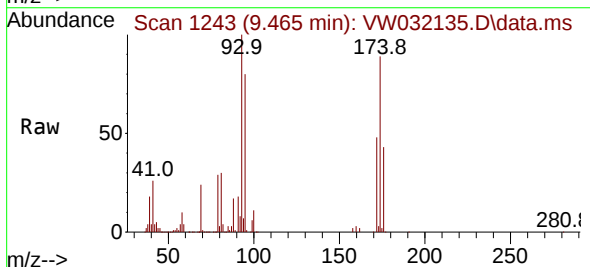
Instrument :
MSVOA_W
ClientSampleId :

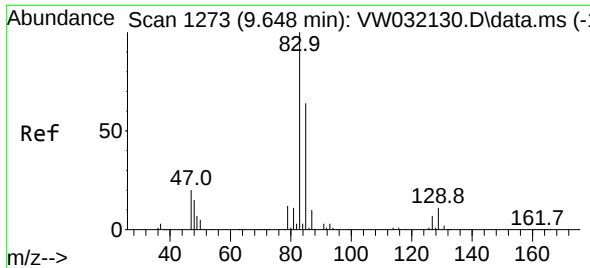
Tgt Ion: 63 Resp: 123827
Ion Ratio Lower Upper
63 100
65 29.7 24.1 36.1



#46
Dibromomethane
Concen: 65.034 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 93 Resp: 86620
Ion Ratio Lower Upper
93 100
95 80.7 65.7 98.5
174 96.2 74.2 111.2

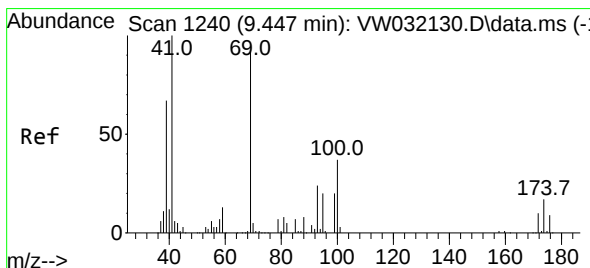
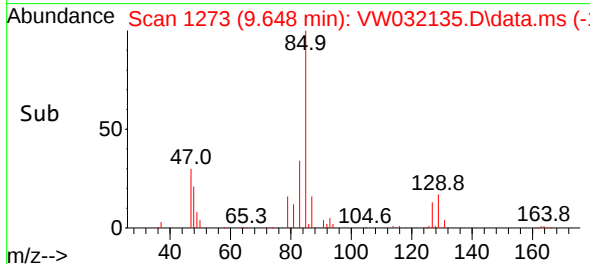
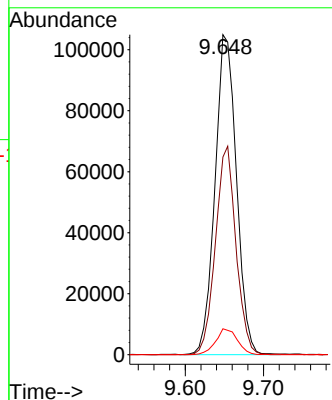
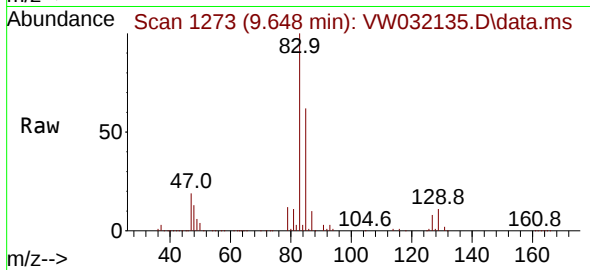




#47
 Bromodichloromethane
 Concen: 66.254 ug/l
 RT: 9.648 min Scan# 1273
 Delta R.T. 0.000 min
 Lab File: VW032135.D
 Acq: 25 Aug 2025 15:38

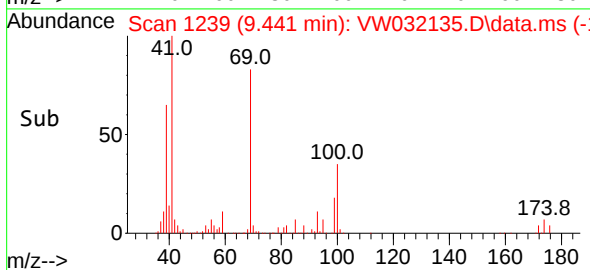
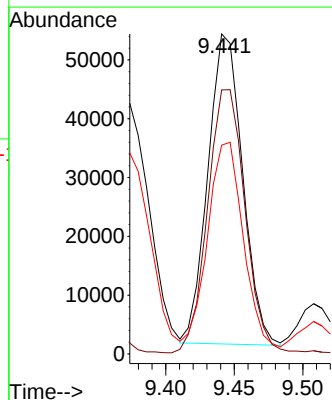
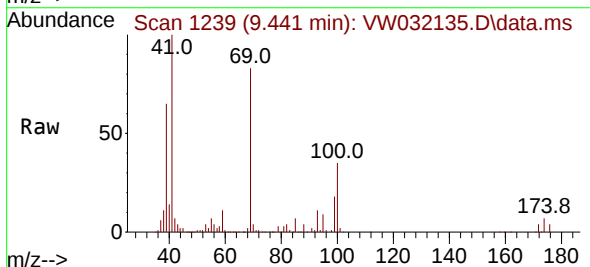
Instrument :
 MSVOA_W
 ClientSampleId :

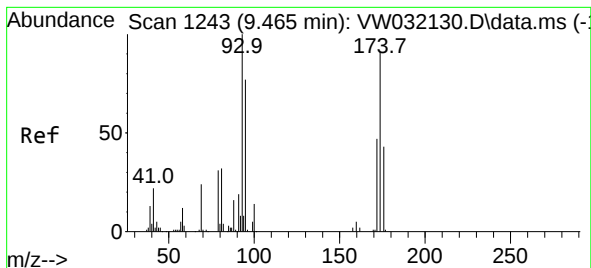
Tgt Ion: 83 Resp: 200044
 Ion Ratio Lower Upper
 83 100
 85 61.7 52.2 78.4
 127 8.1 6.6 9.8



#48
 Methyl methacrylate
 Concen: 67.626 ug/l
 RT: 9.441 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: VW032135.D
 Acq: 25 Aug 2025 15:38

Tgt Ion: 41 Resp: 92674
 Ion Ratio Lower Upper
 41 100
 69 92.5 72.4 108.6
 39 72.1 57.8 86.8





#49

1,4-Dioxane

Concen: 1316.003 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

ClientSampleId :

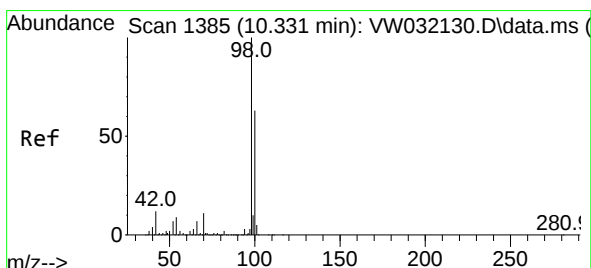
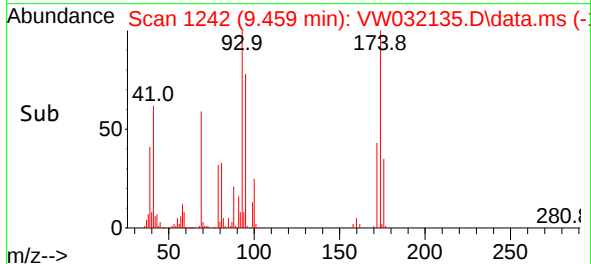
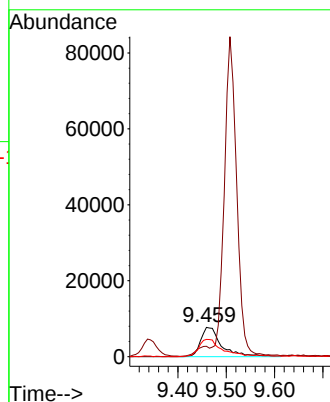
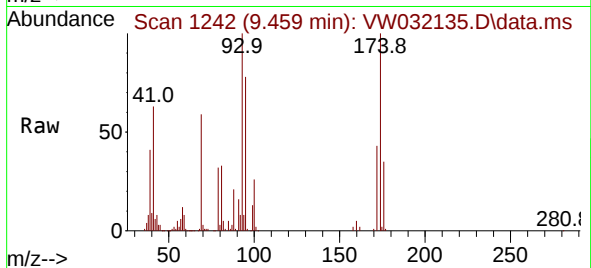
Tgt Ion: 88 Resp: 23224

Ion Ratio Lower Upper

88 100

43 21.9 18.8 28.2

58 65.6 55.9 83.9



#50

Toluene-d8

Concen: 62.590 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032135.D

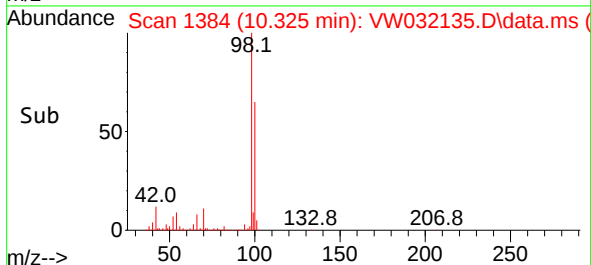
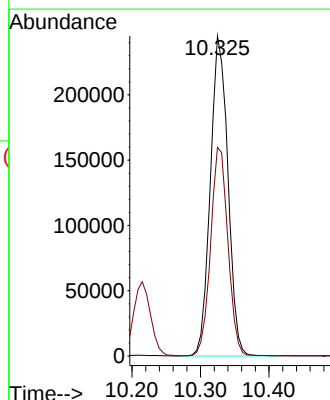
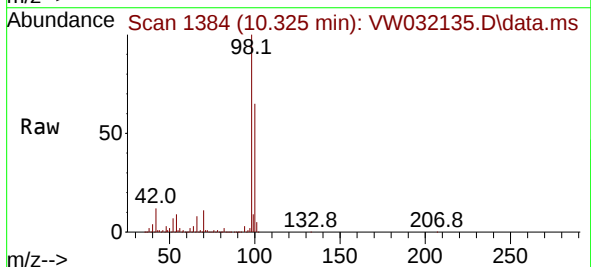
Acq: 25 Aug 2025 15:38

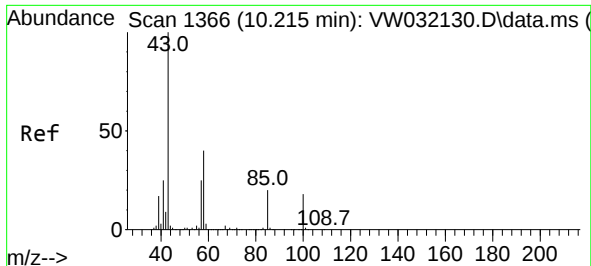
Tgt Ion: 98 Resp: 436579

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2

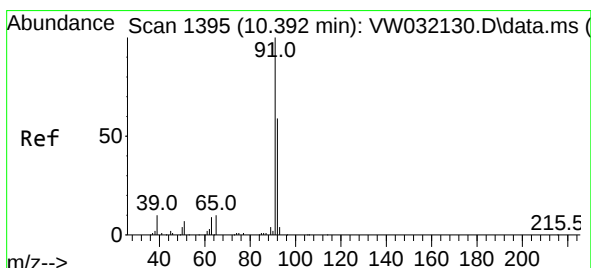
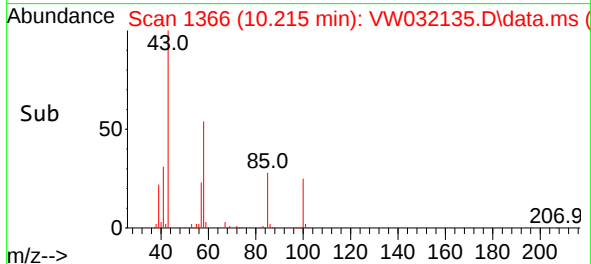
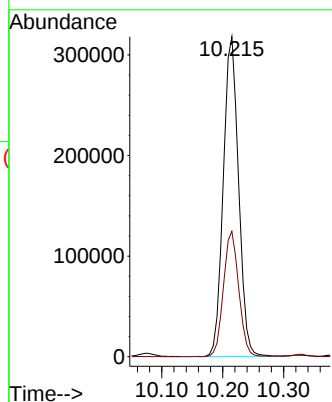
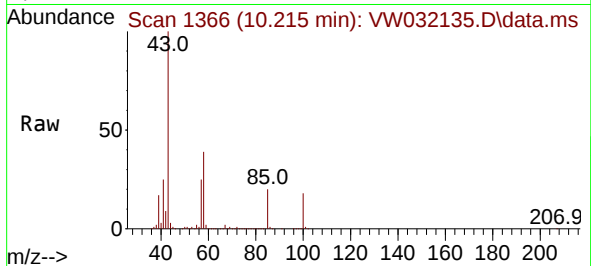




#51
4-Methyl-2-Pentanone
Concen: 336.683 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

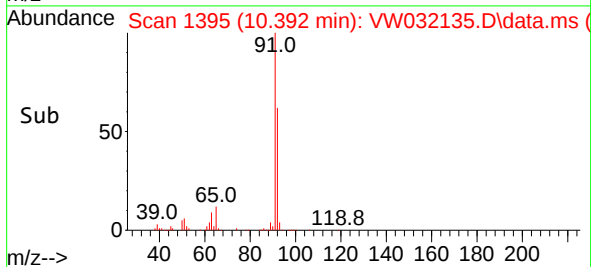
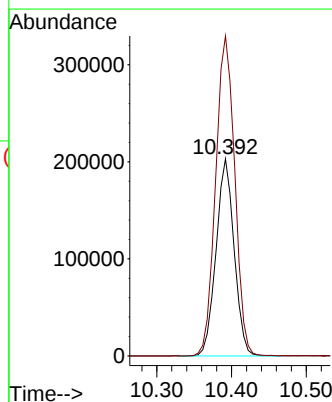
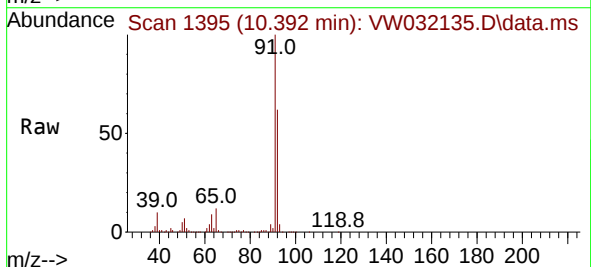
Instrument :
MSVOA_W
ClientSampleId :

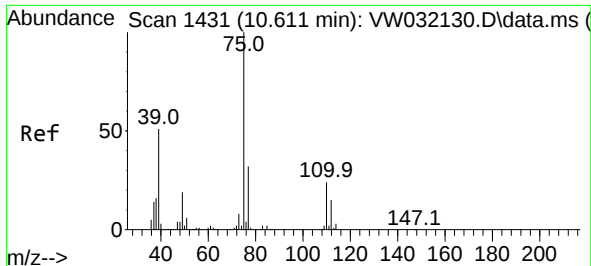
Tgt Ion: 43 Resp: 553332
Ion Ratio Lower Upper
43 100
58 39.4 31.6 47.4



#52
Toluene
Concen: 66.391 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 92 Resp: 342271
Ion Ratio Lower Upper
92 100
91 171.7 137.6 206.4

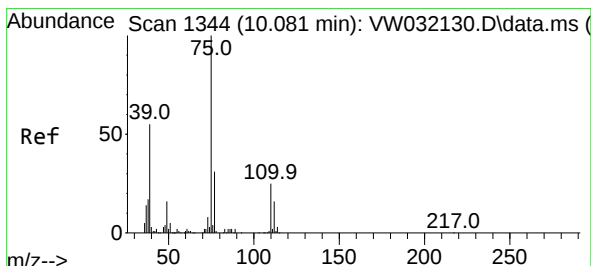
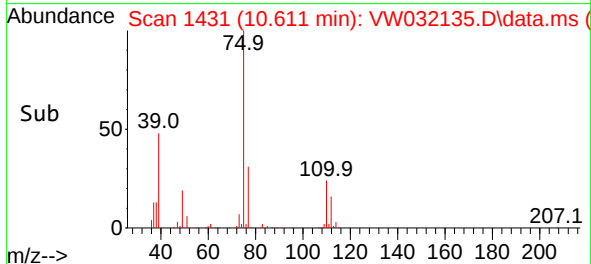
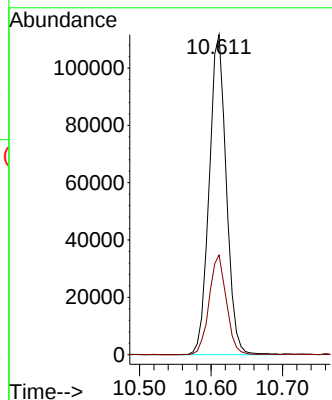
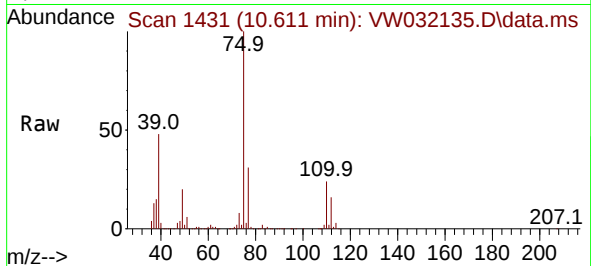




#53
t-1,3-Dichloropropene
Concen: 68.326 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

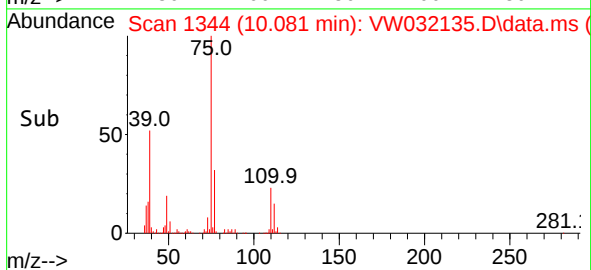
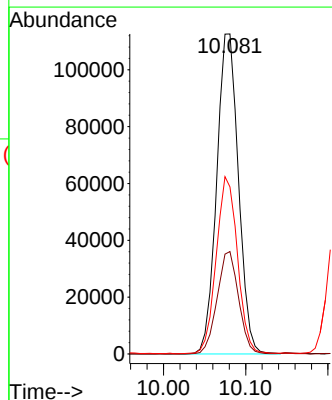
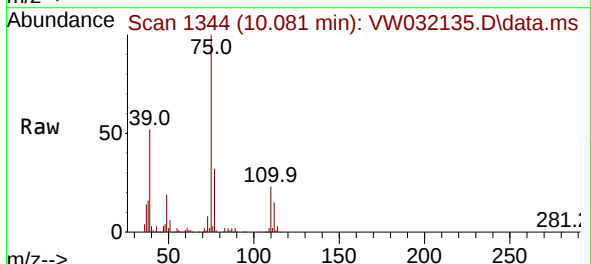
Instrument :
MSVOA_W
ClientSampleId :

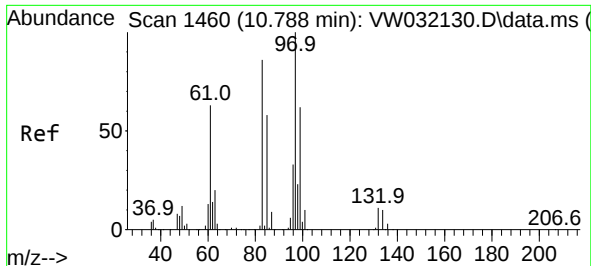
Tgt Ion: 75 Resp: 185352
Ion Ratio Lower Upper
75 100
77 31.1 27.7 41.5



#54
cis-1,3-Dichloropropene
Concen: 66.903 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 75 Resp: 207051
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7
39 52.1 42.2 63.4

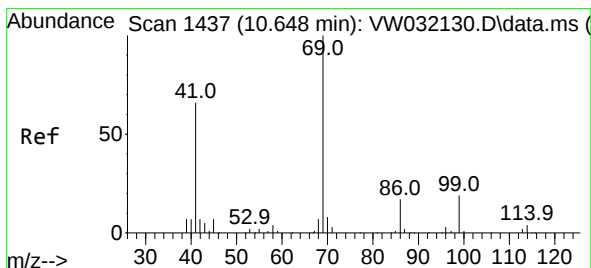
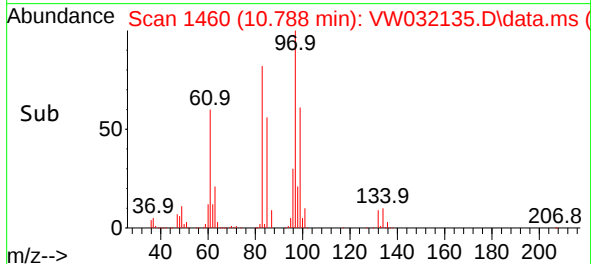
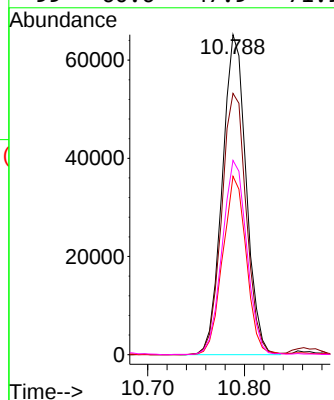
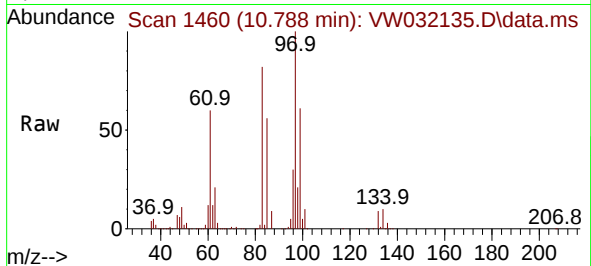




#55
1,1,2-Trichloroethane
Concen: 64.279 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

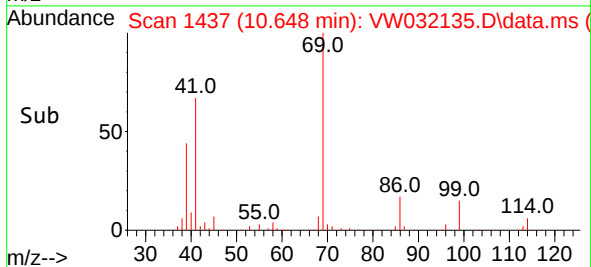
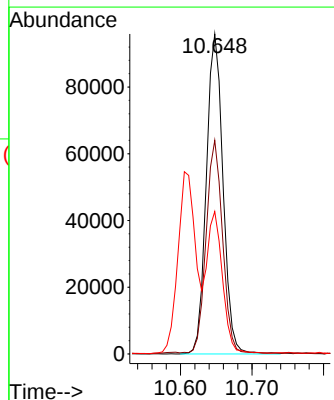
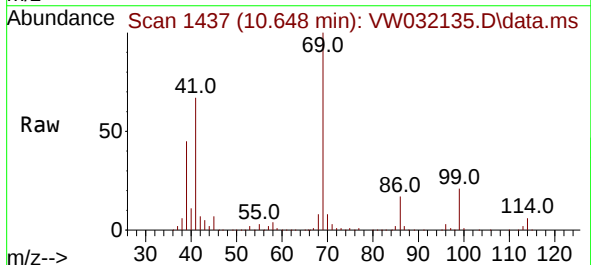
Instrument :
MSVOA_W
ClientSampleId :

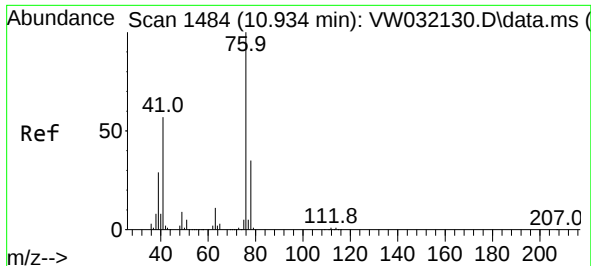
Tgt Ion:	97	Resp:	111810
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.6	98.4
85	55.7	42.6	63.8
99	60.6	47.9	71.9



#56
Ethyl methacrylate
Concen: 68.861 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion:	69	Resp:	155290
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.5	78.7
39	41.0	33.2	49.8





#57

1,3-Dichloropropane

Concen: 64.751 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

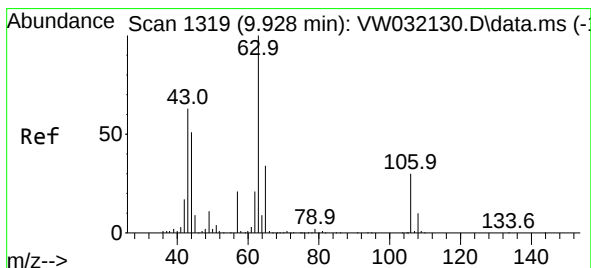
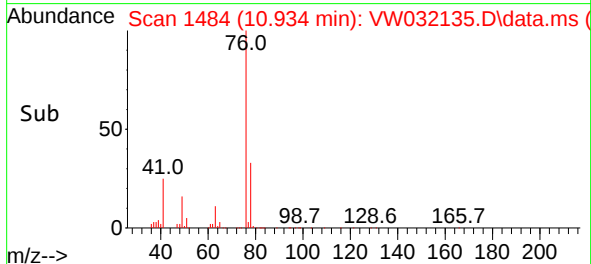
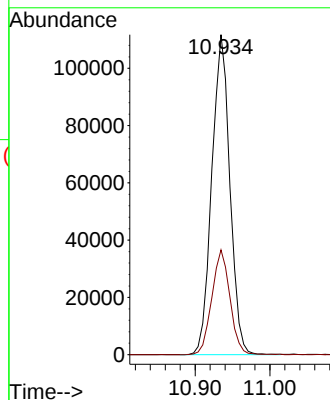
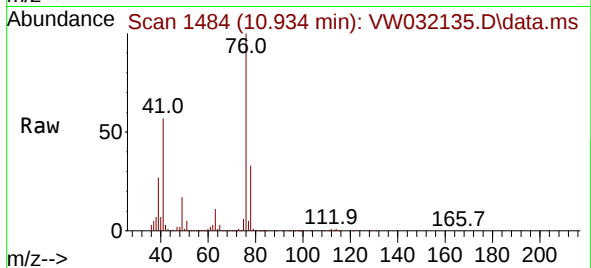
ClientSampleId :

Tgt Ion: 76 Resp: 187986

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 342.044 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032135.D

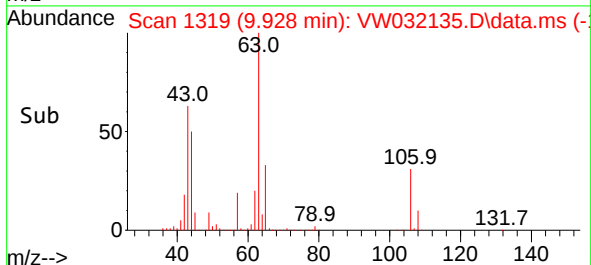
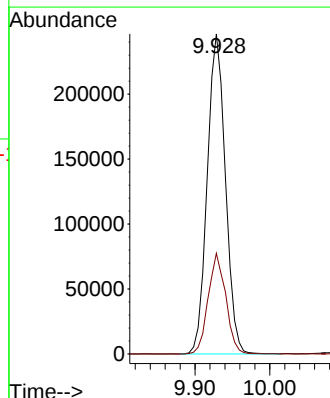
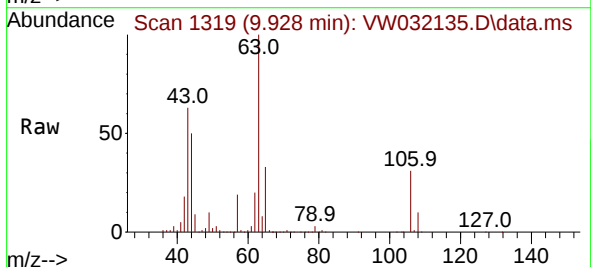
Acq: 25 Aug 2025 15:38

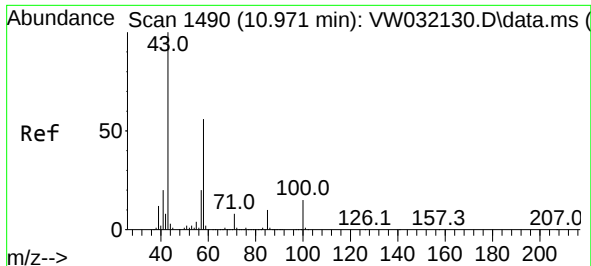
Tgt Ion: 63 Resp: 415831

Ion Ratio Lower Upper

63 100

106 30.5 24.6 36.8

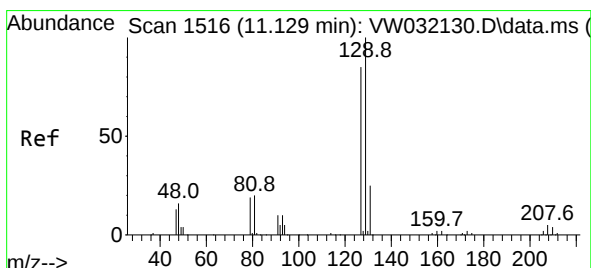
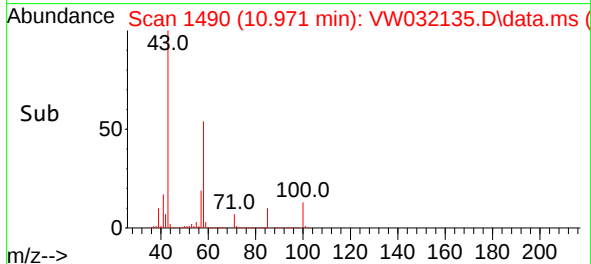
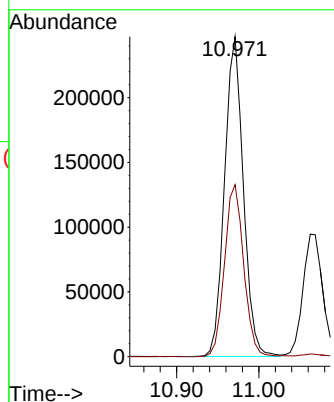
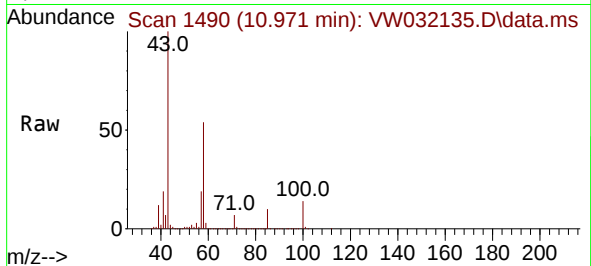




#59
2-Hexanone
Concen: 336.256 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

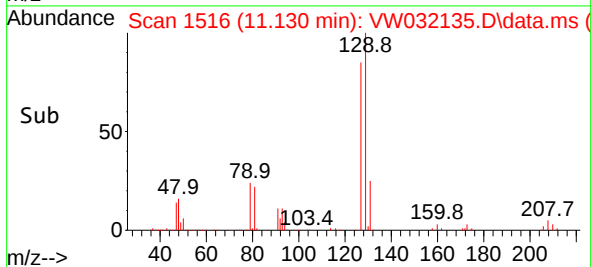
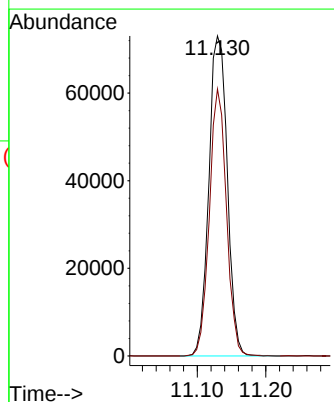
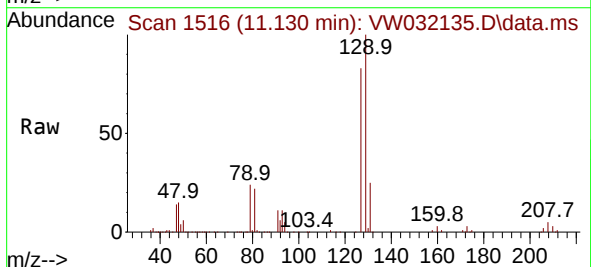
Instrument :
MSVOA_W
ClientSampleId :

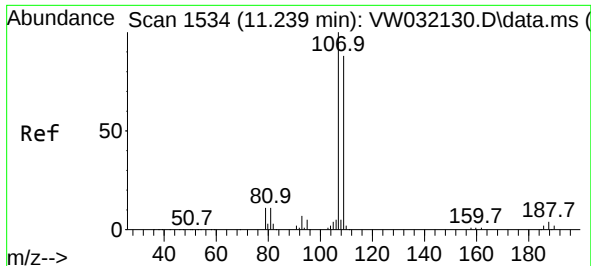
Tgt Ion: 43 Resp: 392994
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.2



#60
Dibromochloromethane
Concen: 64.901 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

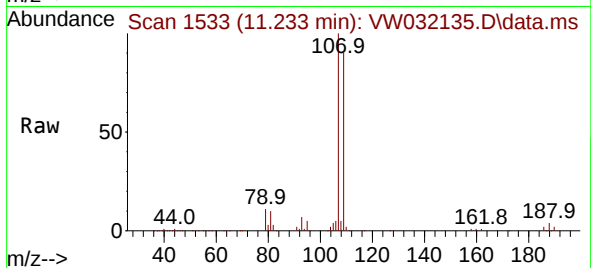
Tgt Ion:129 Resp: 136767
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8



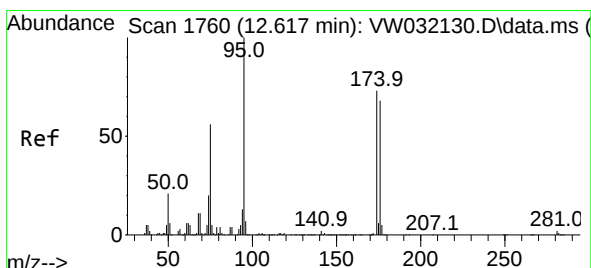
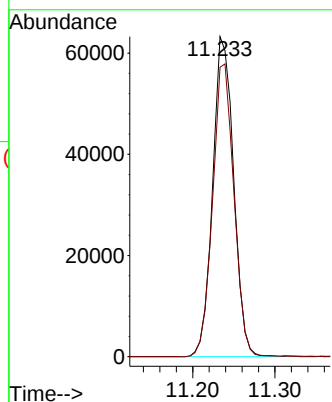
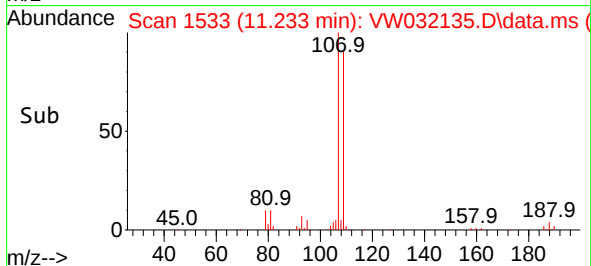


#61
1,2-Dibromoethane
Concen: 64.854 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

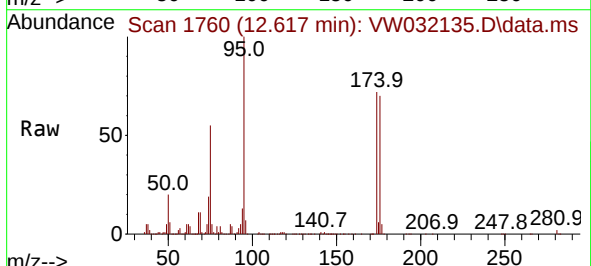
Instrument :
MSVOA_W
ClientSampleId :



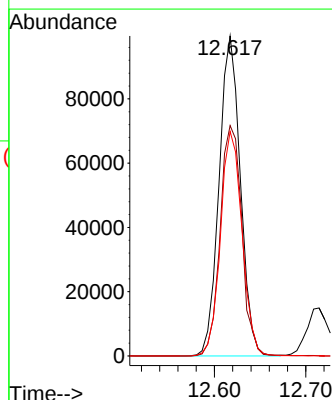
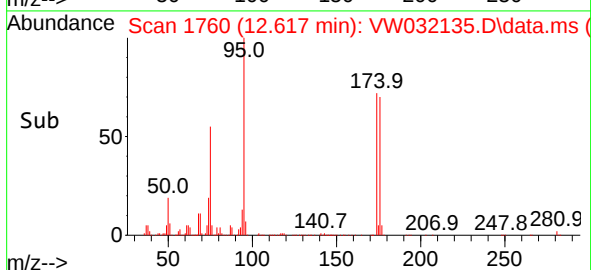
Tgt Ion:107 Resp: 111975
Ion Ratio Lower Upper
107 100
109 93.1 75.7 113.5

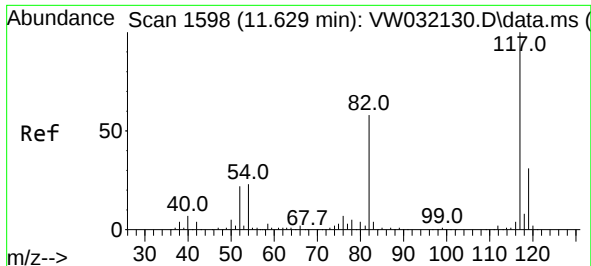


#62
4-Bromofluorobenzene
Concen: 62.338 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38



Tgt Ion: 95 Resp: 161395
Ion Ratio Lower Upper
95 100
174 73.2 0.0 154.0
176 71.0 0.0 135.2

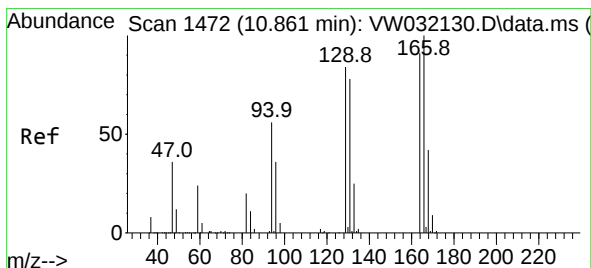
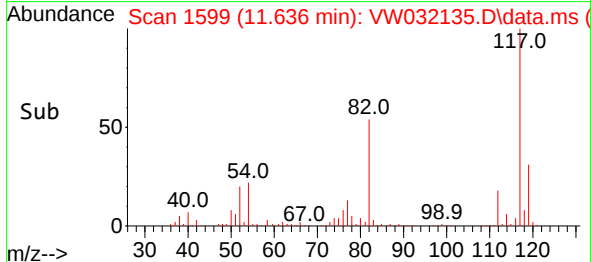
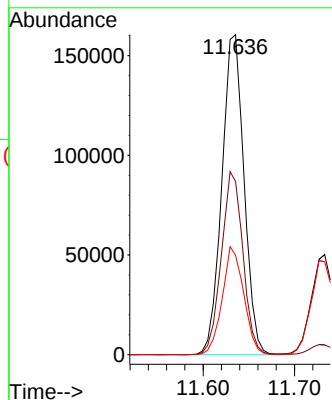
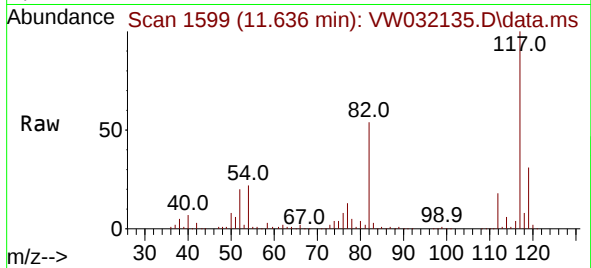




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

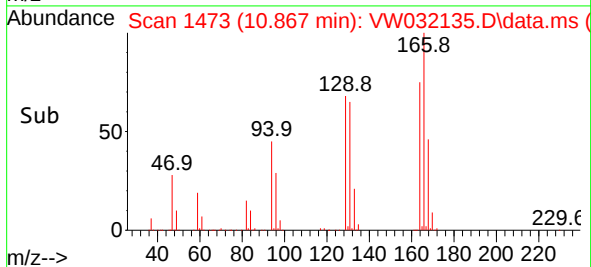
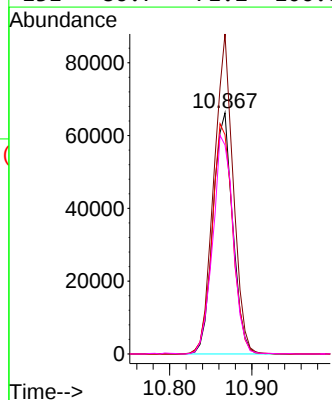
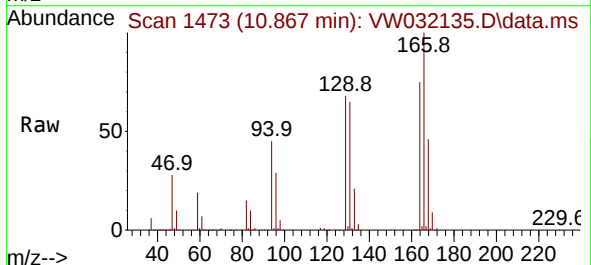
Instrument :
MSVOA_W
ClientSampleId :

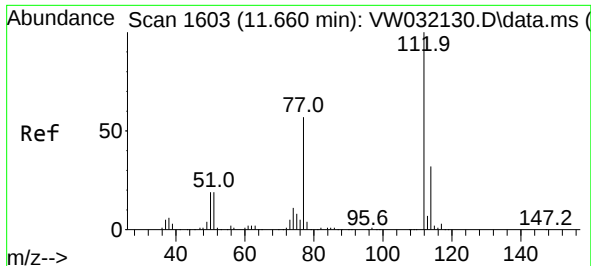
Tgt Ion:117 Resp: 271072
Ion Ratio Lower Upper
117 100
82 54.1 42.8 64.2
119 31.0 24.5 36.7



#64
Tetrachloroethene
Concen: 61.480 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion:164 Resp: 110719
Ion Ratio Lower Upper
164 100
166 132.7 101.9 152.9
129 90.9 79.6 119.4
131 86.7 71.2 106.8

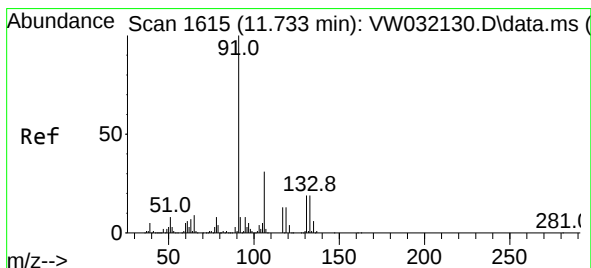
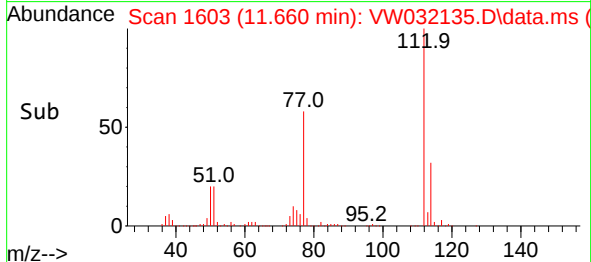
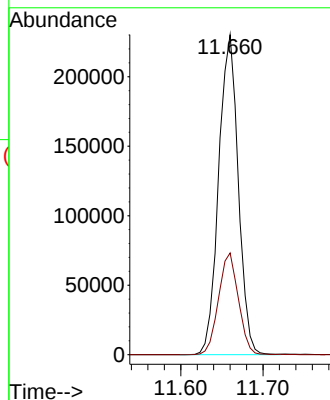
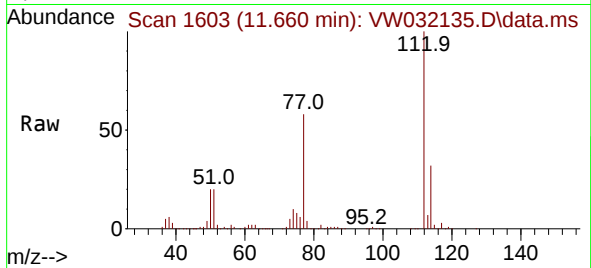




#65
Chlorobenzene
Concen: 62.164 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

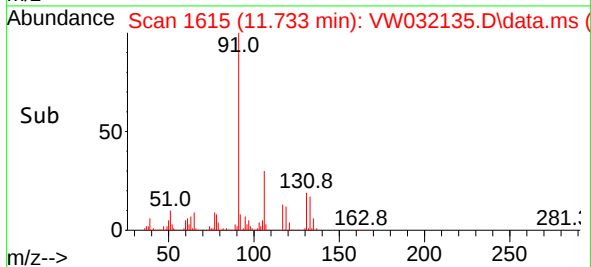
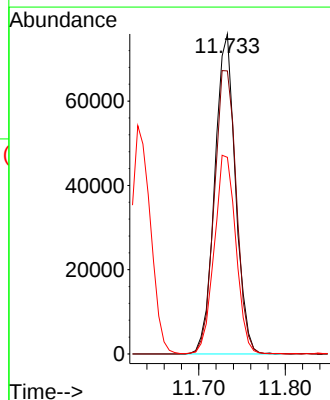
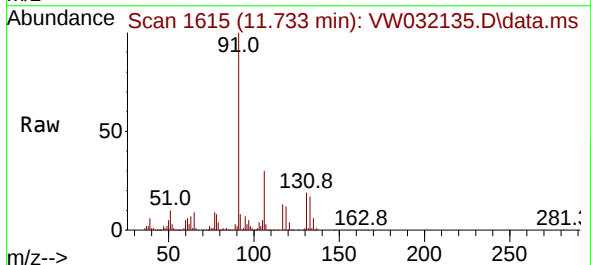
Instrument :
MSVOA_W
ClientSampleId :

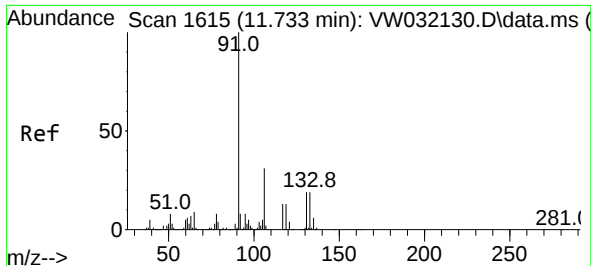
Tgt Ion:112 Resp: 380875
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 63.740 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion:131 Resp: 125986
Ion Ratio Lower Upper
131 100
133 94.7 48.4 145.3
119 64.8 32.2 96.6





#67

Ethyl Benzene

Concen: 64.972 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

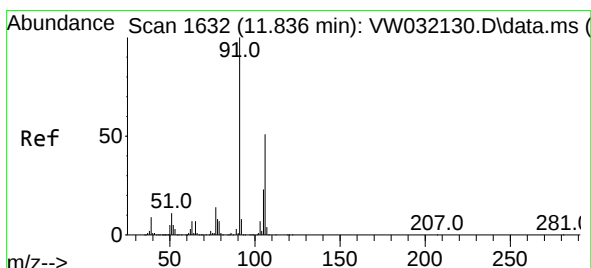
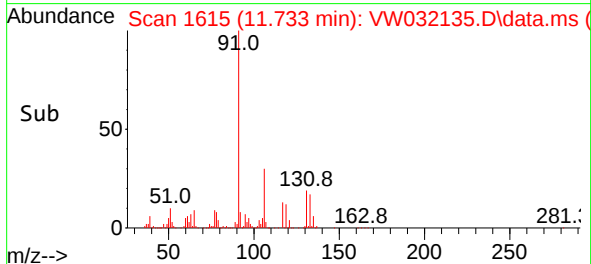
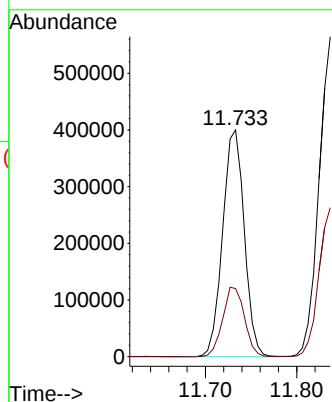
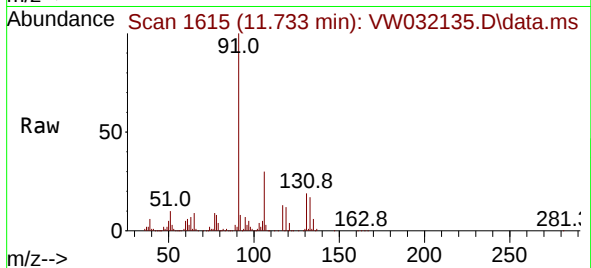
ClientSampleId :

Tgt Ion: 91 Resp: 658429

Ion Ratio Lower Upper

91 100

106 30.1 25.1 37.7



#68

m/p-Xylenes

Concen: 130.160 ug/l

RT: 11.843 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VW032135.D

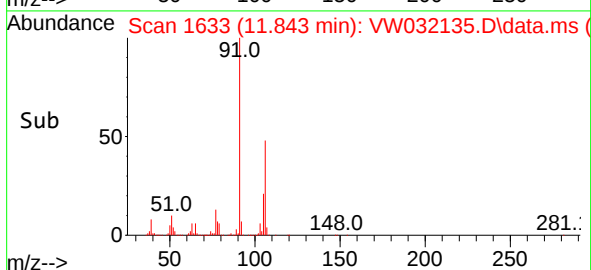
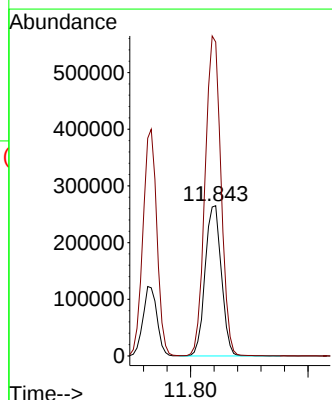
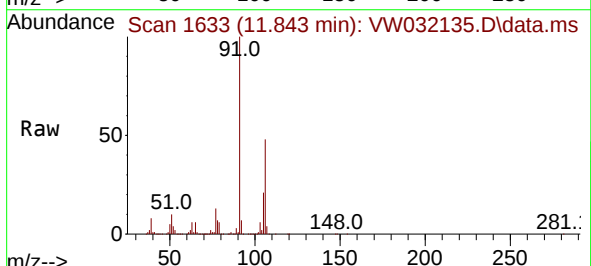
Acq: 25 Aug 2025 15:38

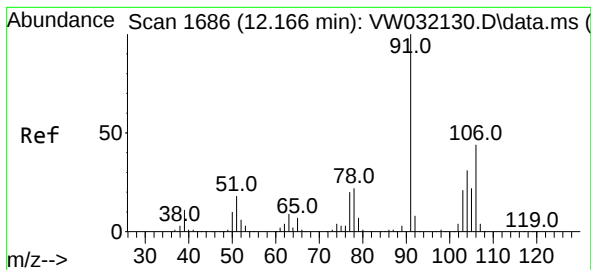
Tgt Ion:106 Resp: 508964

Ion Ratio Lower Upper

106 100

91 208.9 165.3 247.9

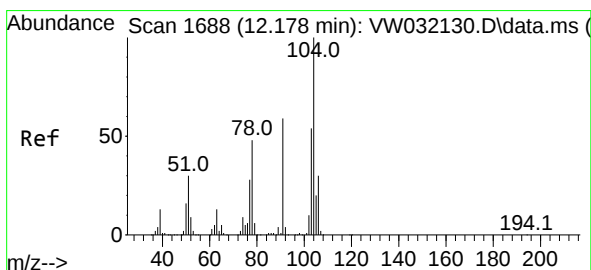
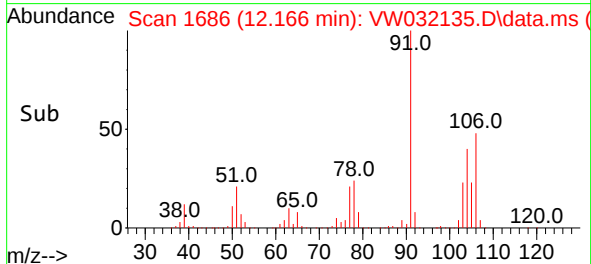
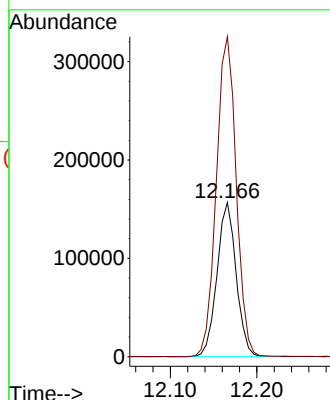
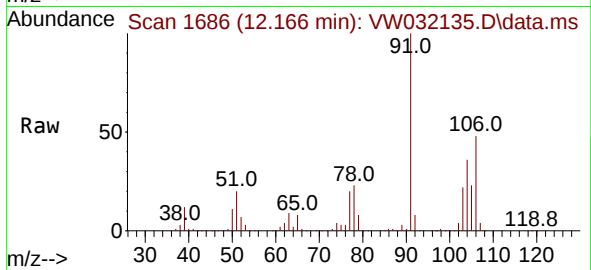




#69
o-Xylene
Concen: 65.057 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

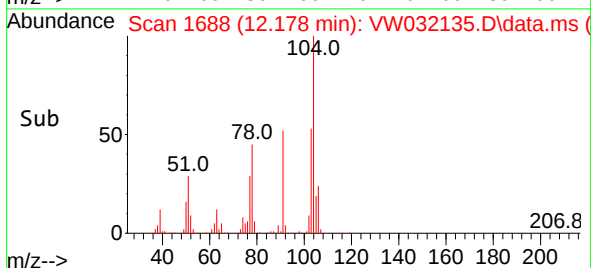
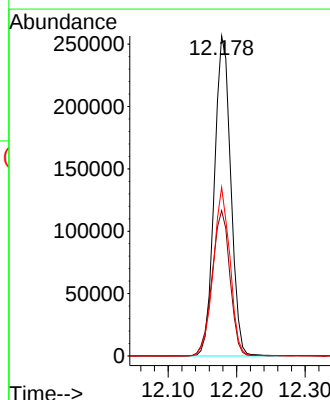
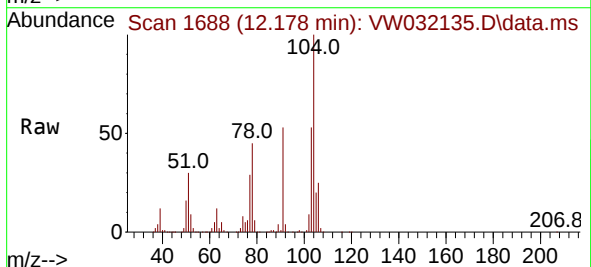
Instrument :
MSVOA_W
ClientSampleId :

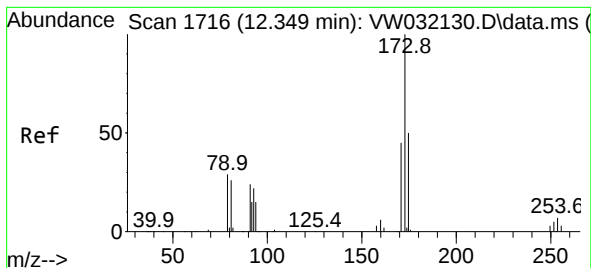
Tgt Ion:106 Resp: 240899
Ion Ratio Lower Upper
106 100
91 215.7 109.7 329.2



#70
Styrene
Concen: 66.423 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion:104 Resp: 426410
Ion Ratio Lower Upper
104 100
78 49.6 41.1 61.7
103 53.4 43.7 65.5





#71

Bromoform

Concen: 66.172 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032135.D

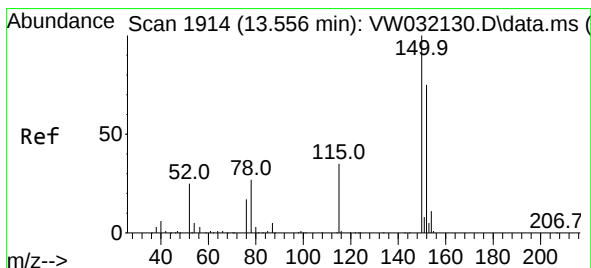
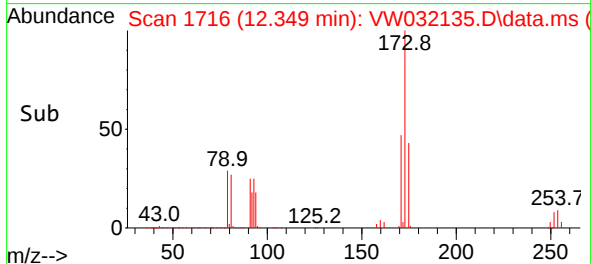
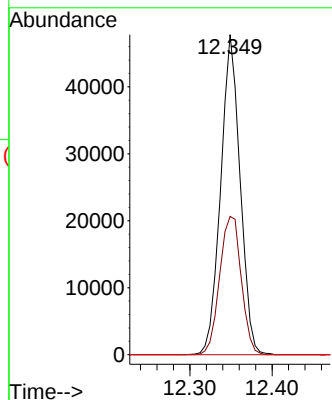
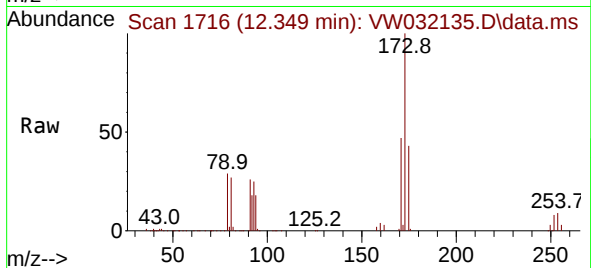
Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173 Resp: 78498
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.5 73.5
 254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

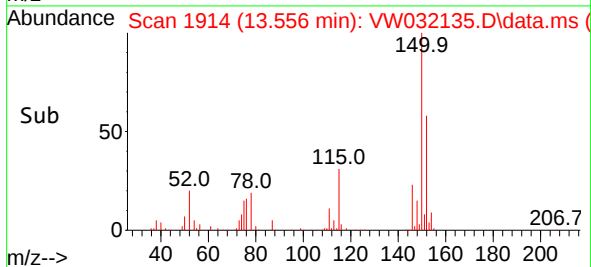
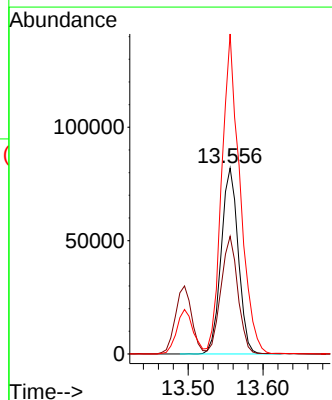
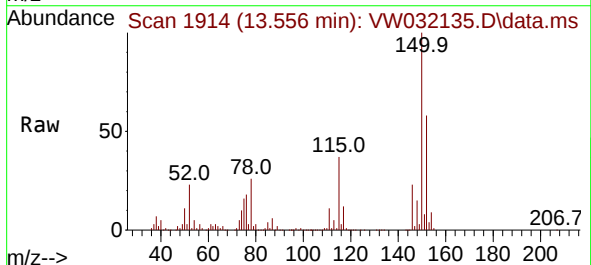
RT: 13.556 min Scan# 1914

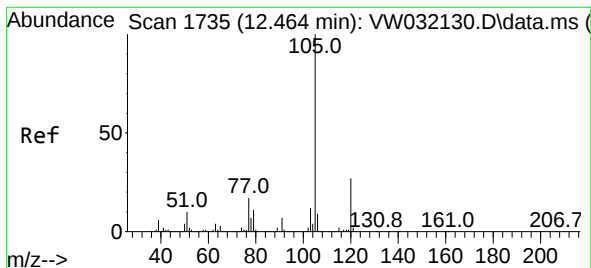
Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Tgt Ion:152 Resp: 130672
 Ion Ratio Lower Upper
 152 100
 115 62.2 30.5 91.5
 150 184.2 0.0 319.8





#73

Isopropylbenzene

Concen: 70.873 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

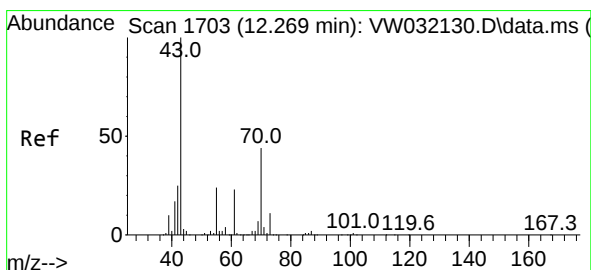
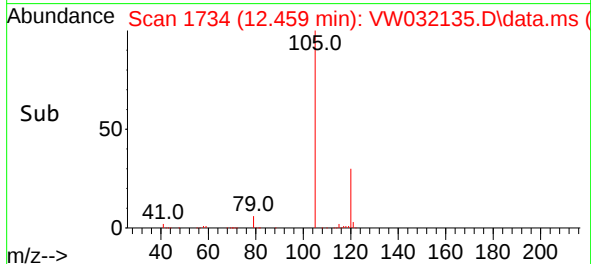
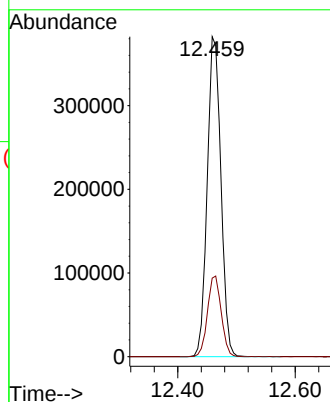
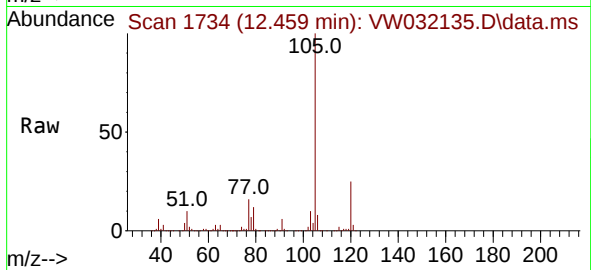
ClientSampleId :

Tgt Ion:105 Resp: 616289

Ion Ratio Lower Upper

105 100

120 25.4 13.2 39.5



#74

N-ethyl acetate

Concen: 71.900 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Tgt Ion: 43 Resp: 181810

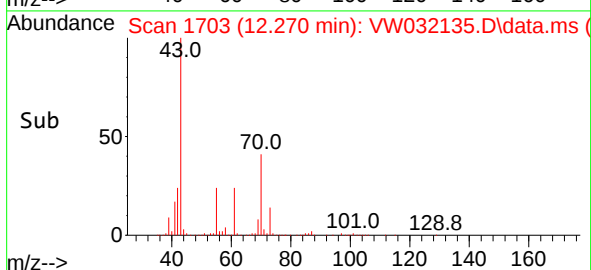
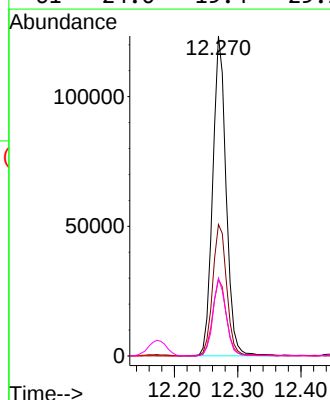
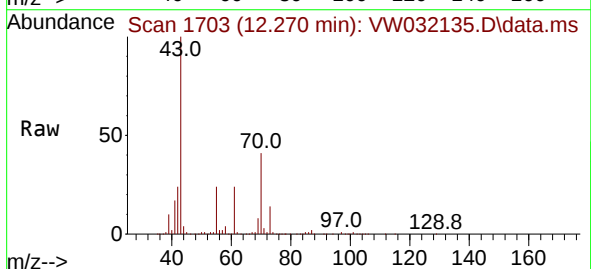
Ion Ratio Lower Upper

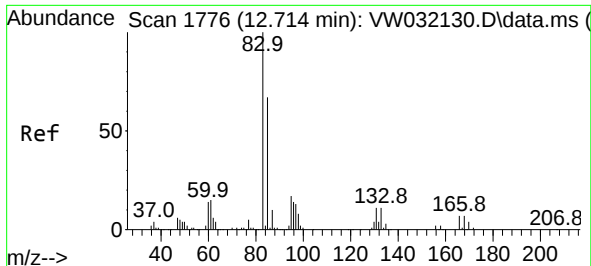
43 100

70 42.8 35.5 53.3

55 24.9 20.4 30.6

61 24.0 19.4 29.2

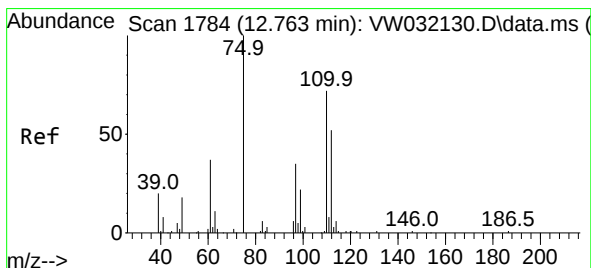
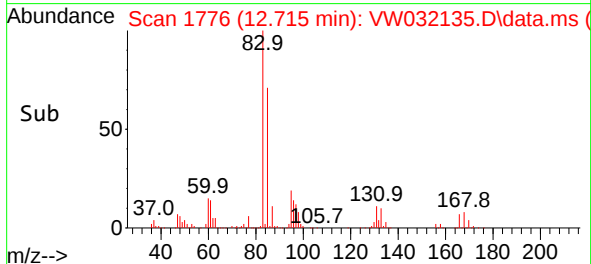
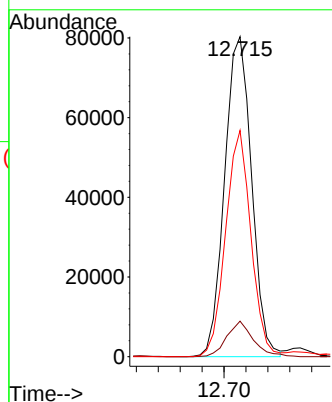
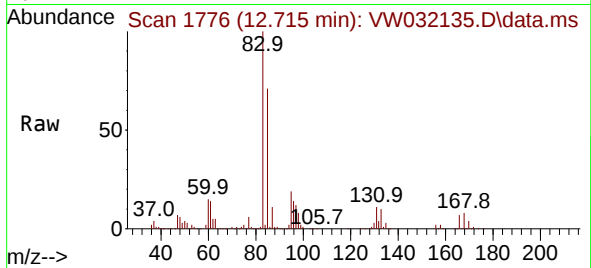




#75
1,1,2,2-Tetrachloroethane
Concen: 66.674 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

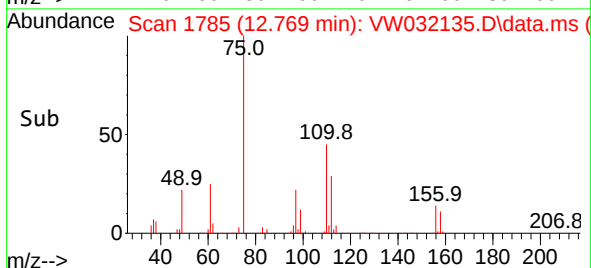
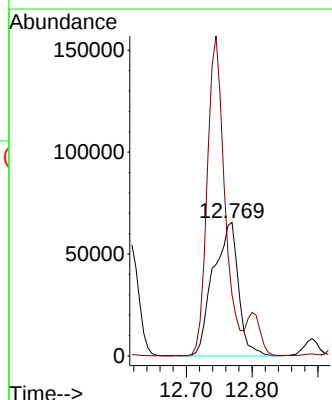
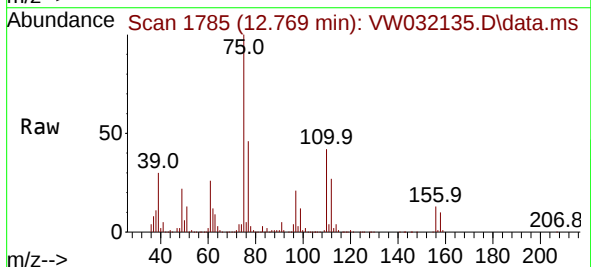
Instrument :
MSVOA_W
ClientSampleId :

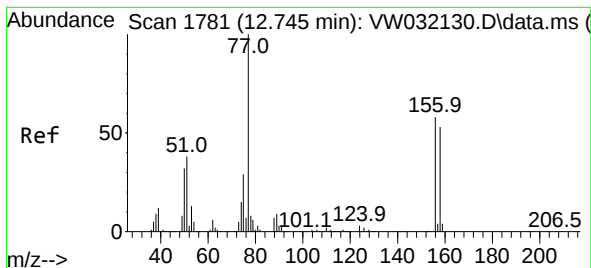
Tgt Ion: 83 Resp: 137423
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.4
85 66.3 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 113.210 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 75 Resp: 174653
Ion Ratio Lower Upper
75 100
77 0.0 139.4 418.2#





#77

Bromobenzene

Concen: 69.785 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

ClientSampleId :

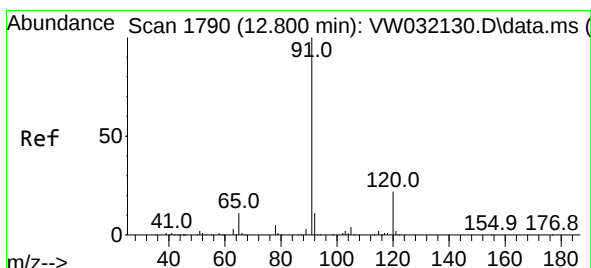
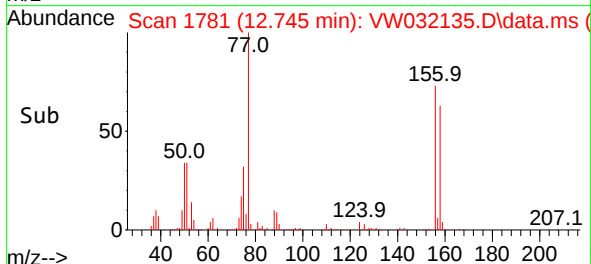
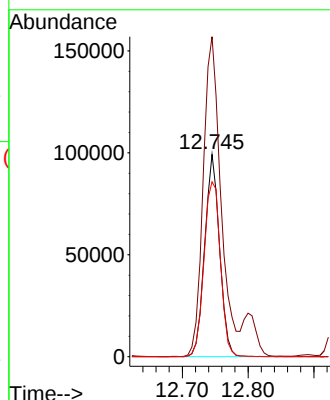
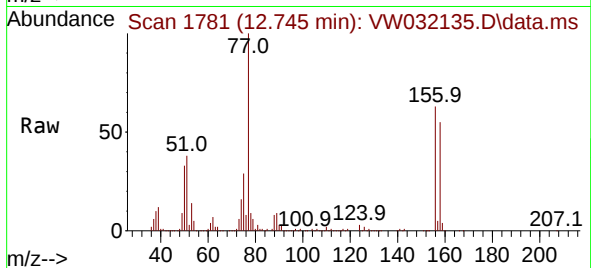
Tgt Ion:156 Resp: 155973

Ion Ratio Lower Upper

156 100

77 188.7 92.5 277.3

158 95.6 44.5 133.7



#78

n-propylbenzene

Concen: 70.232 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032135.D

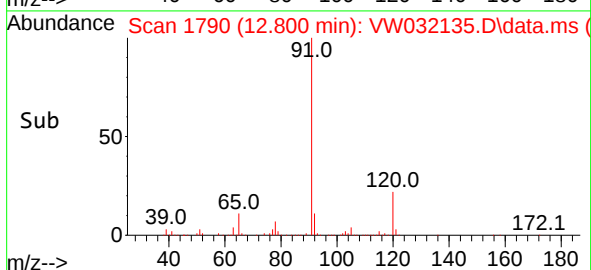
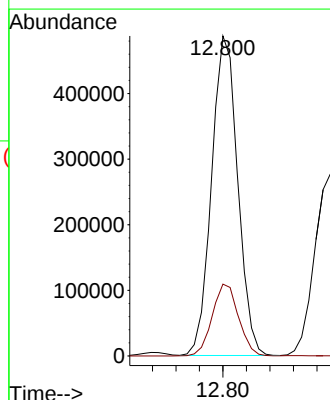
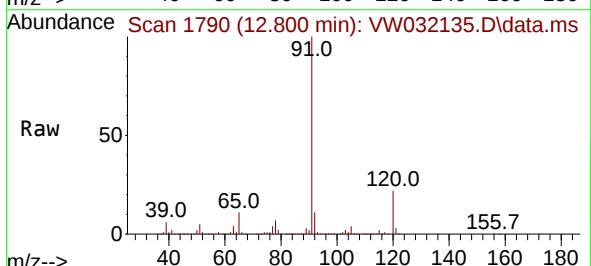
Acq: 25 Aug 2025 15:38

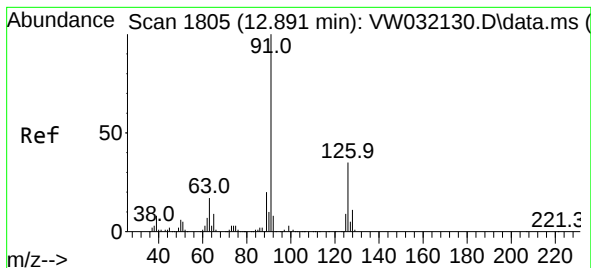
Tgt Ion: 91 Resp: 752498

Ion Ratio Lower Upper

91 100

120 22.7 11.1 33.3





#79

2-Chlorotoluene

Concen: 69.055 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

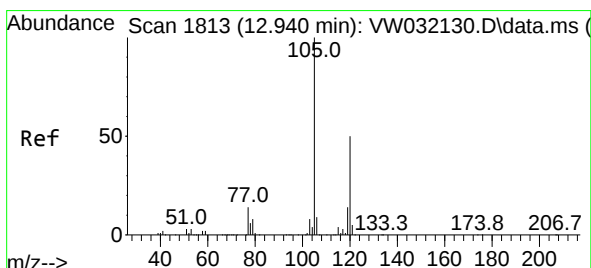
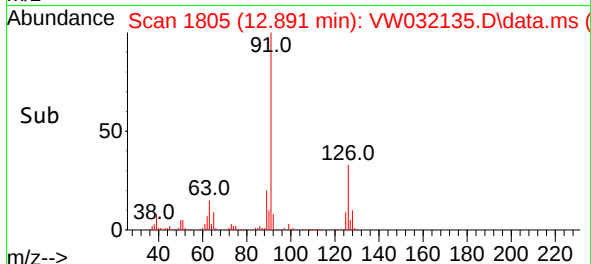
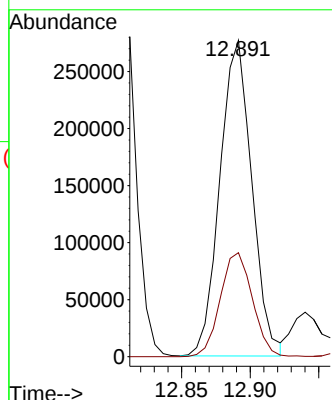
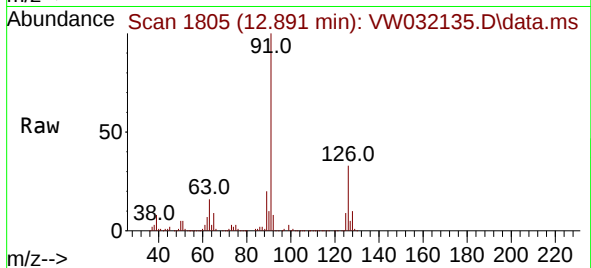
ClientSampleId :

Tgt Ion: 91 Resp: 449386

Ion Ratio Lower Upper

91 100

126 33.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 71.390 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032135.D

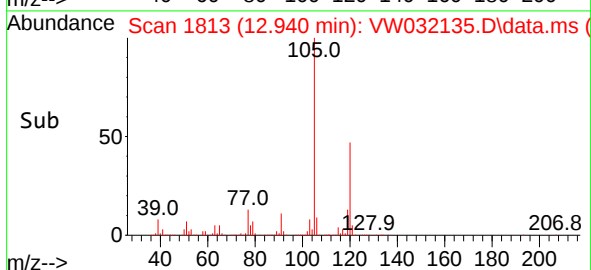
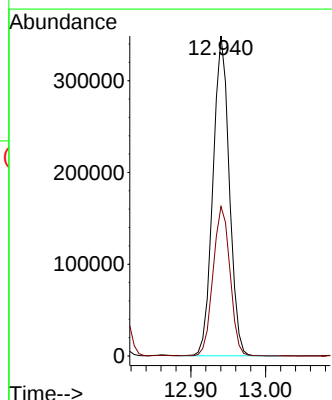
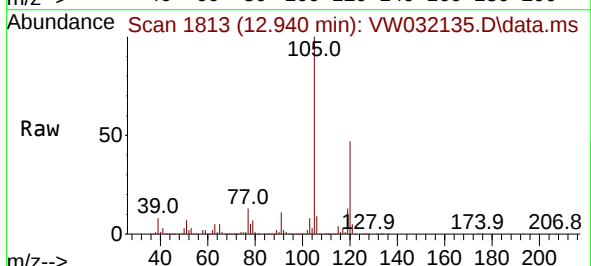
Acq: 25 Aug 2025 15:38

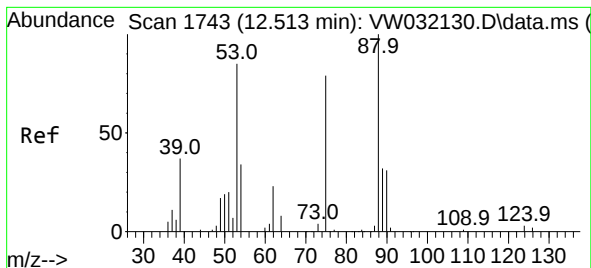
Tgt Ion: 105 Resp: 530022

Ion Ratio Lower Upper

105 100

120 48.3 23.8 71.2

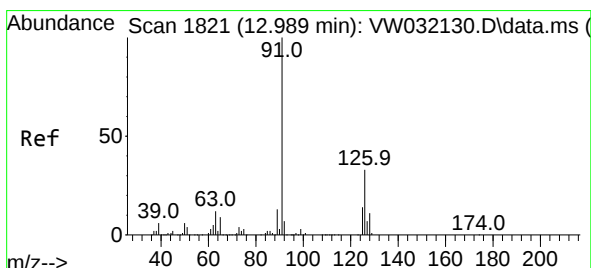
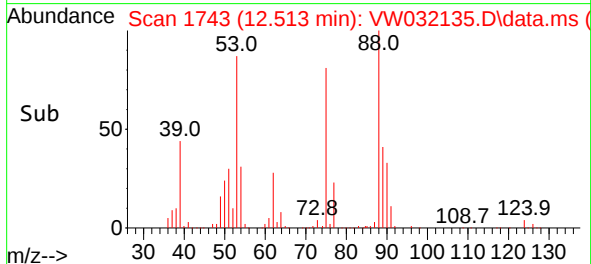
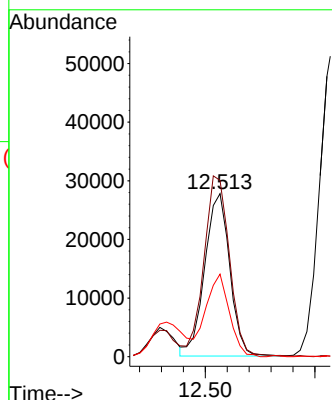
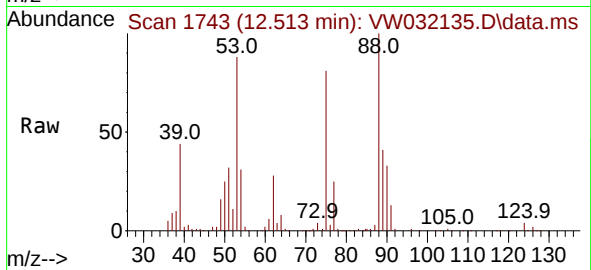




#81
trans-1,4-Dichloro-2-butene
Concen: 71.522 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

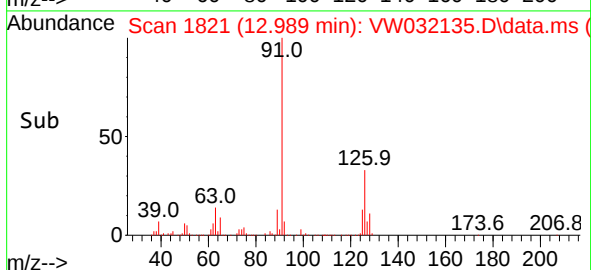
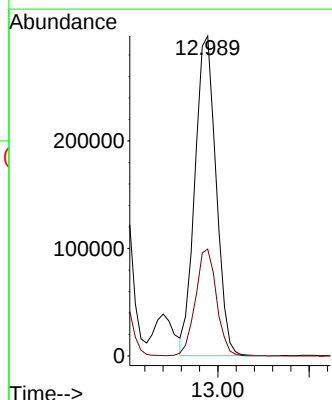
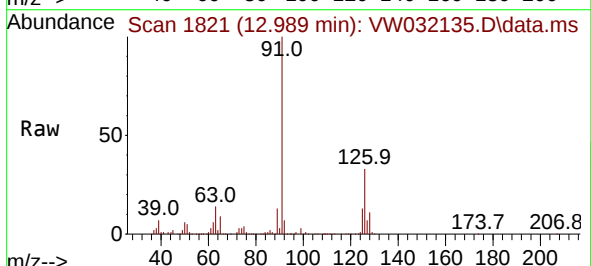
Instrument :
MSVOA_W
ClientSampleId :

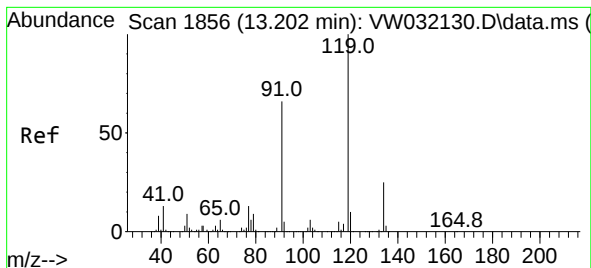
Tgt Ion	Ratio	Lower	Upper
75	100		
53	113.6	89.0	133.4
89	47.4	36.6	54.8



#82
4-Chlorotoluene
Concen: 69.572 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.6	49.8

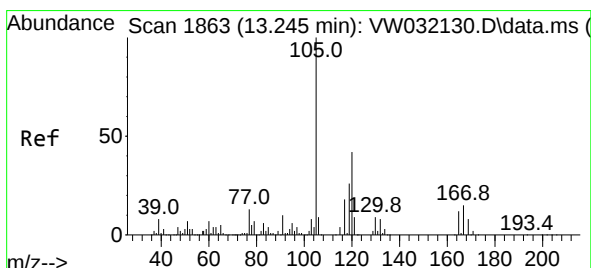
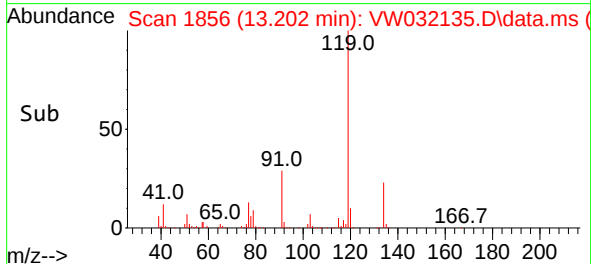
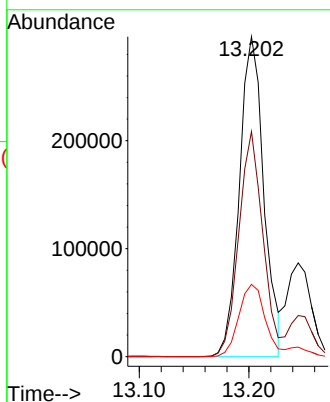
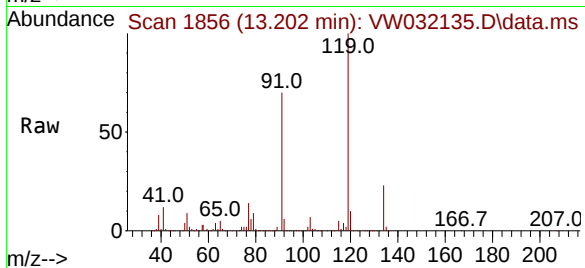




#83
tert-Butylbenzene
Concen: 72.253 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

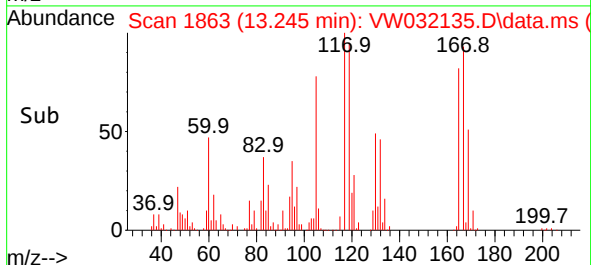
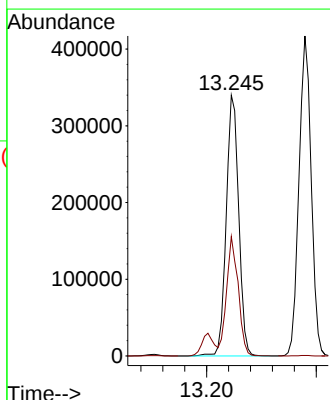
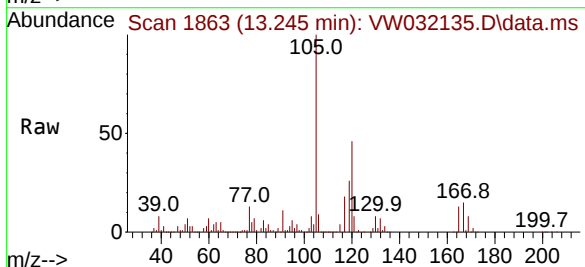
Instrument :
MSVOA_W
ClientSampleId :

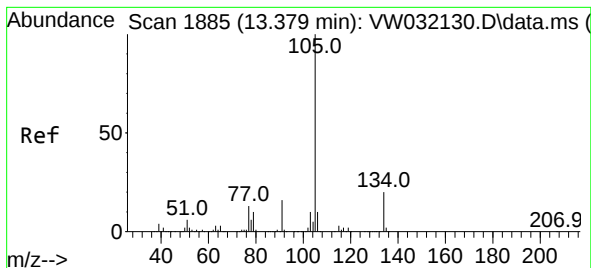
Tgt Ion:119 Resp: 458600
Ion Ratio Lower Upper
119 100
91 70.3 34.5 103.5
134 24.5 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 69.686 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion:105 Resp: 537922
Ion Ratio Lower Upper
105 100
120 42.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 68.106 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

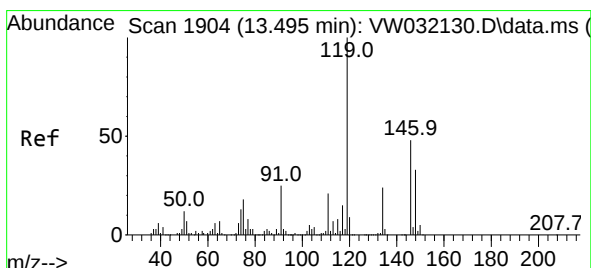
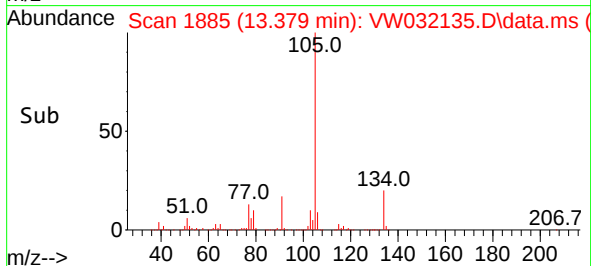
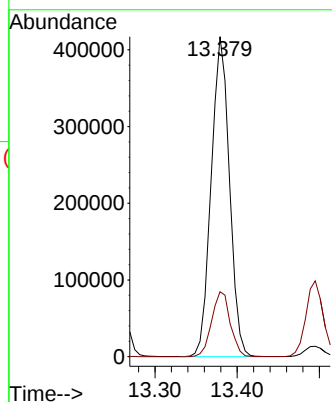
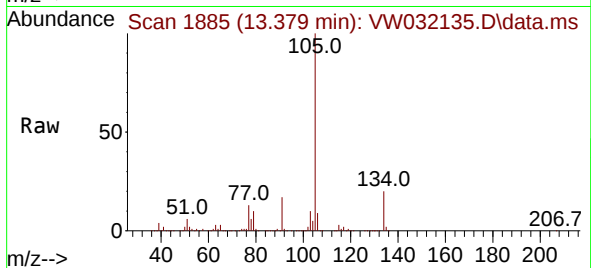
ClientSampleId :

Tgt Ion:105 Resp: 642657

Ion Ratio Lower Upper

105 100

134 20.6 10.0 30.0



#86

p-Isopropyltoluene

Concen: 71.037 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

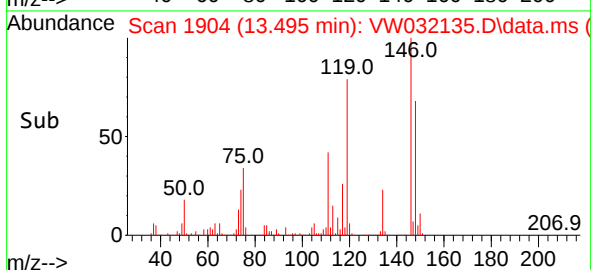
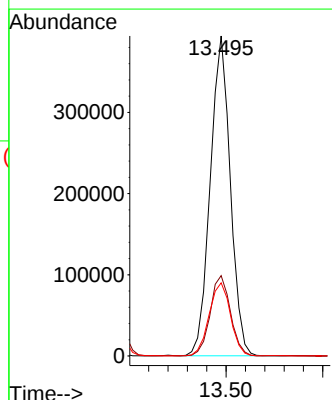
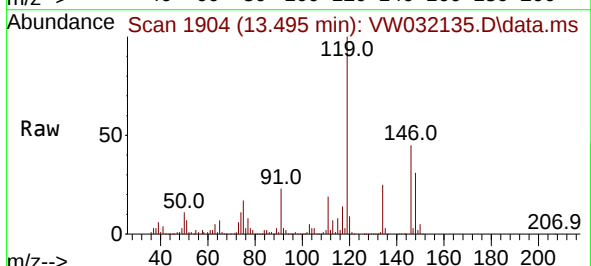
Tgt Ion:119 Resp: 566562

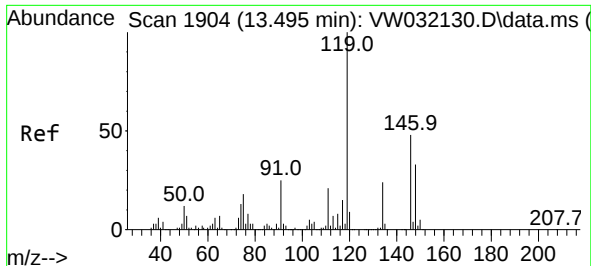
Ion Ratio Lower Upper

119 100

134 25.4 13.6 40.7

91 24.3 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 68.840 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

ClientSampleId :

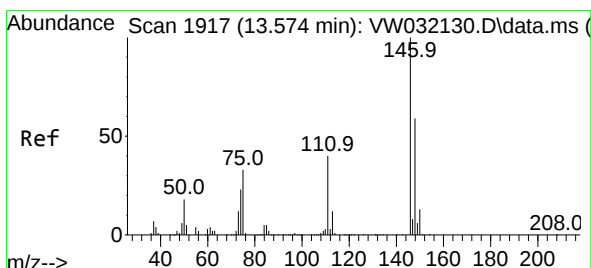
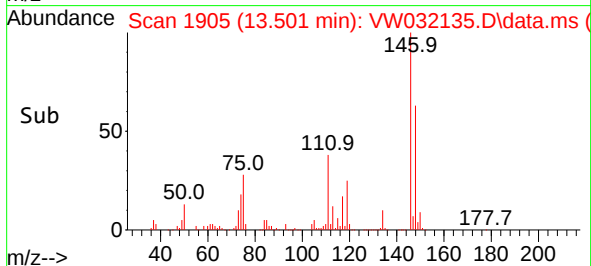
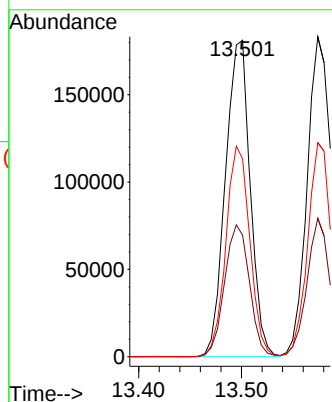
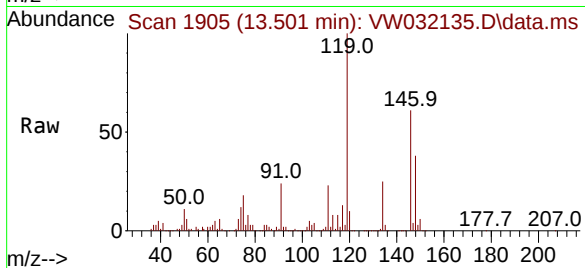
Tgt Ion:146 Resp: 303861

Ion Ratio Lower Upper

146 100

111 41.8 22.2 66.6

148 64.2 33.4 100.2



#88

1,4-Dichlorobenzene

Concen: 66.613 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.006 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

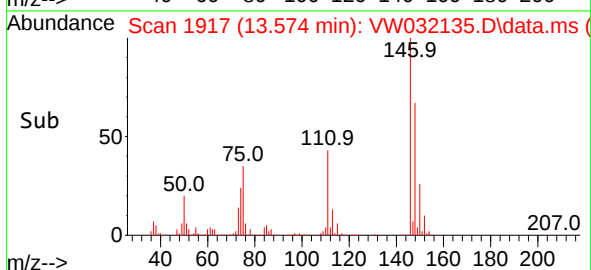
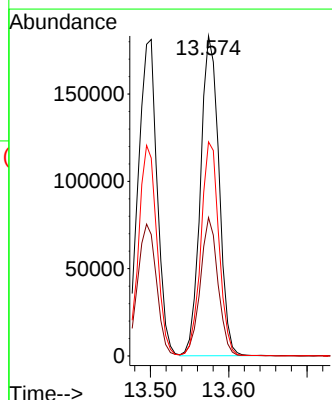
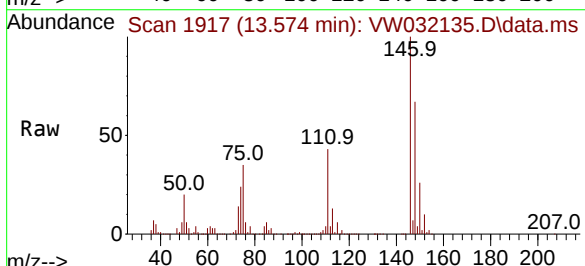
Tgt Ion:146 Resp: 299809

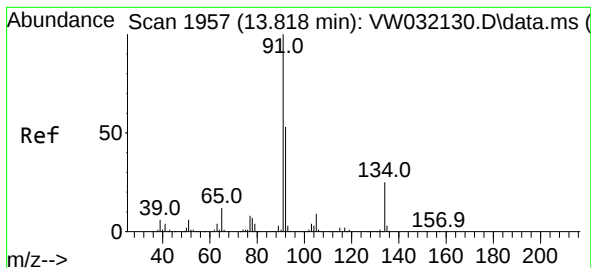
Ion Ratio Lower Upper

146 100

111 41.7 19.4 58.4

148 65.3 31.3 93.9





#89

n-Butylbenzene

Concen: 69.602 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032135.D

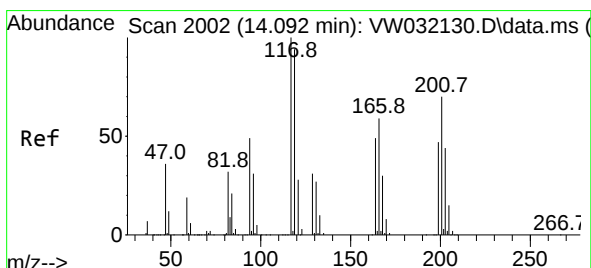
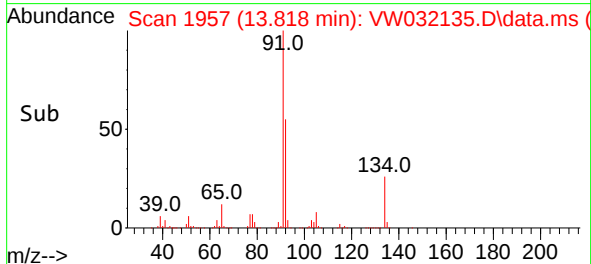
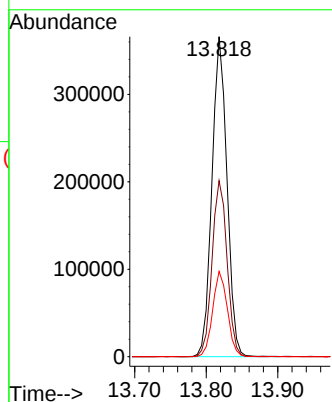
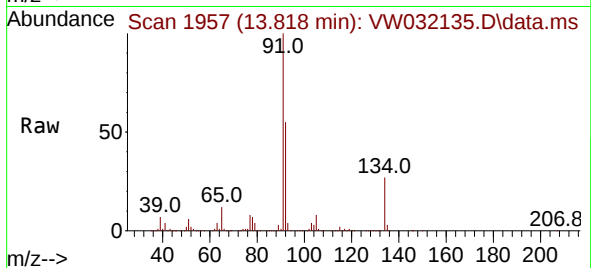
Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	533173
Ion	Ratio	Lower	Upper
91	100		
92	55.1	26.3	78.9
134	26.1	12.2	36.4



#90

Hexachloroethane

Concen: 71.057 ug/l

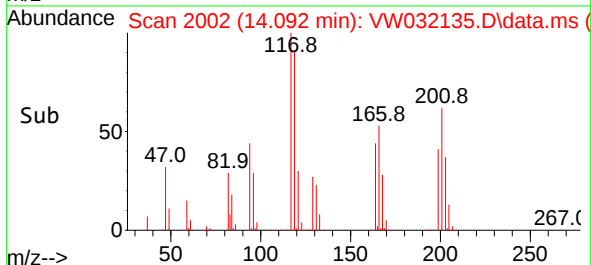
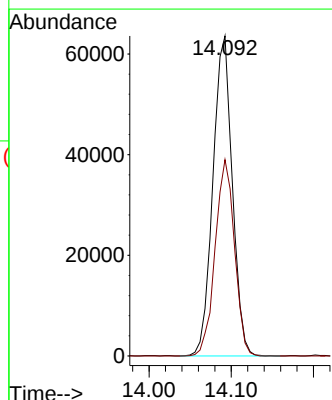
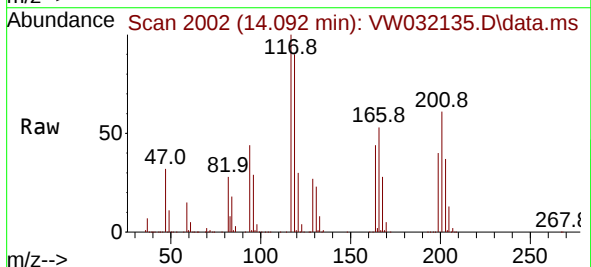
RT: 14.092 min Scan# 2002

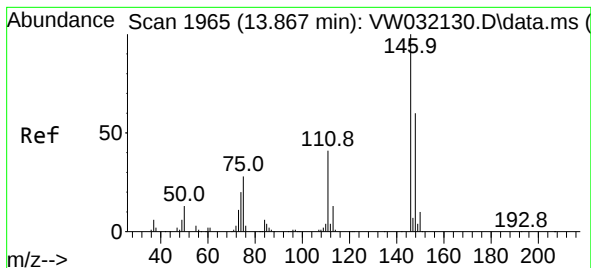
Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Tgt Ion:	117	Resp:	104179
Ion	Ratio	Lower	Upper
117	100		
201	61.3	33.4	100.1

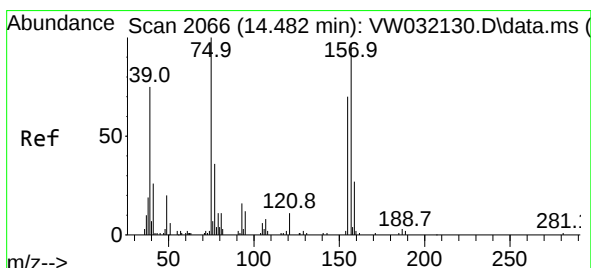
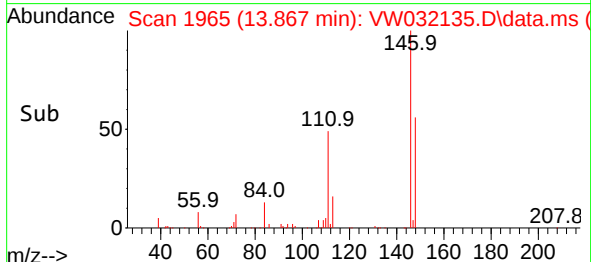
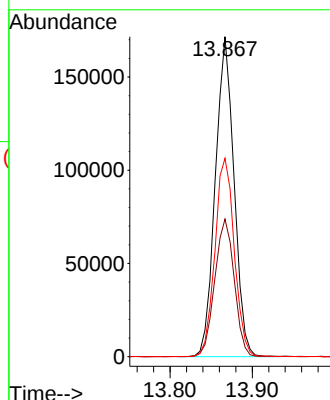
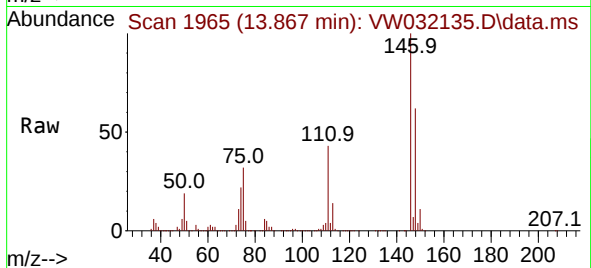




#91
1,2-Dichlorobenzene
Concen: 67.372 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

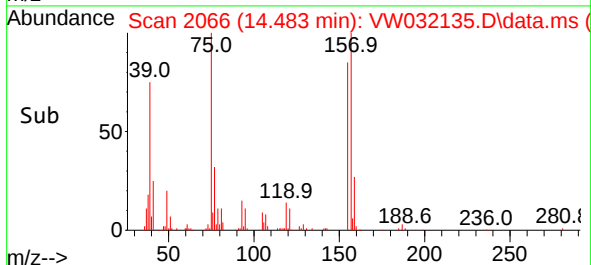
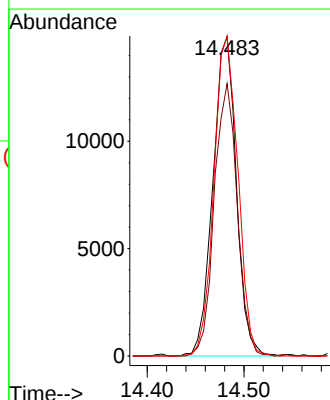
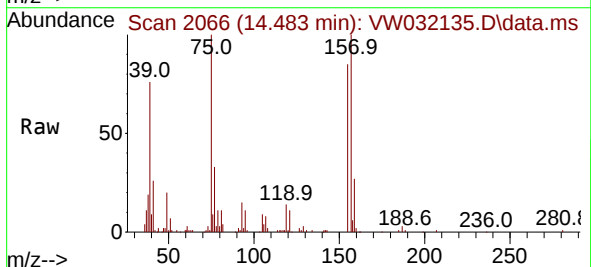
Instrument :
MSVOA_W
ClientSampleId :

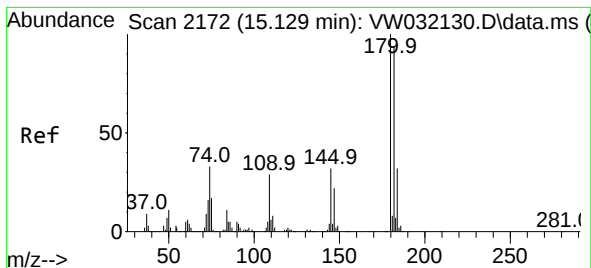
Tgt Ion:146 Resp: 271700
Ion Ratio Lower Upper
146 100
111 44.7 20.9 62.8
148 64.2 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 66.999 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032135.D
Acq: 25 Aug 2025 15:38

Tgt Ion: 75 Resp: 25008
Ion Ratio Lower Upper
75 100
155 83.7 37.5 112.7
157 102.2 50.6 151.8





#93

1,2,4-Trichlorobenzene

Concen: 68.357 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

ClientSampleId :

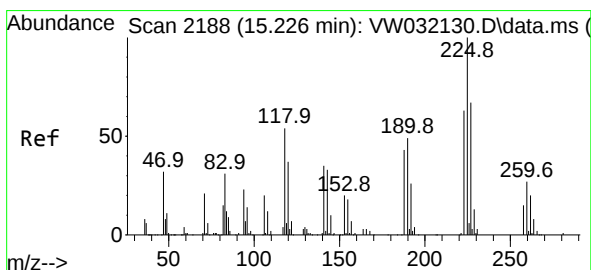
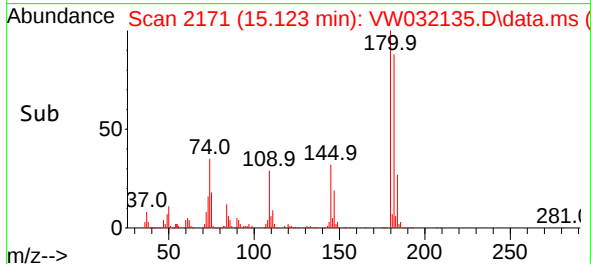
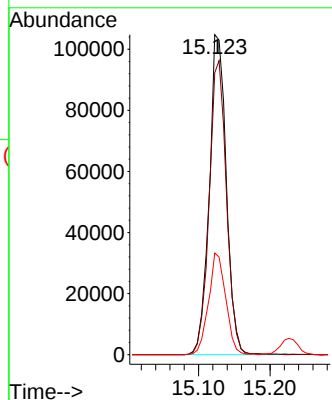
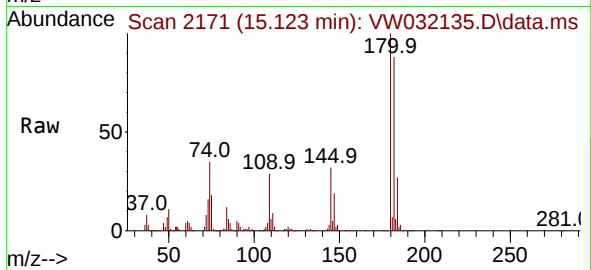
Tgt Ion:180 Resp: 174038

Ion Ratio Lower Upper

180 100

182 92.6 46.1 138.2

145 32.0 15.7 47.1



#94

Hexachlorobutadiene

Concen: 65.190 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

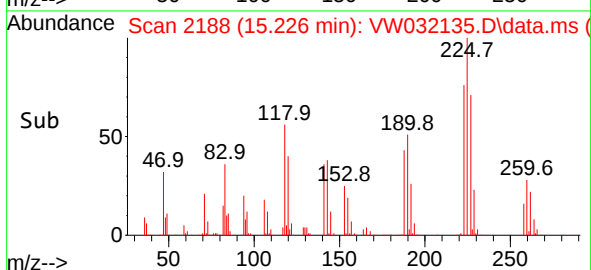
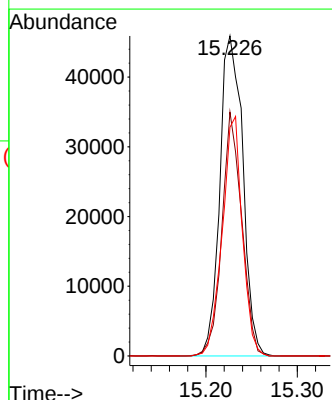
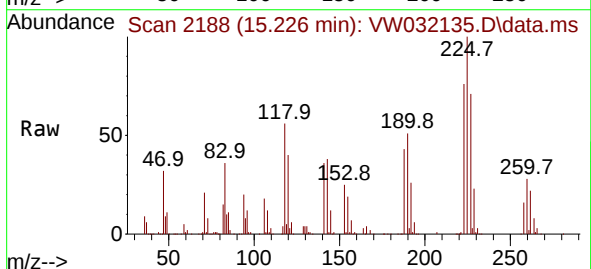
Tgt Ion:225 Resp: 79930

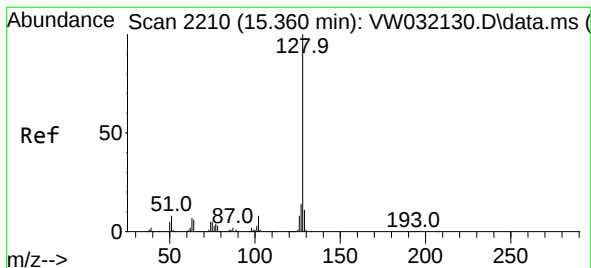
Ion Ratio Lower Upper

225 100

223 66.1 32.3 96.9

227 65.6 32.1 96.5





#95

Naphthalene

Concen: 70.533 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Instrument :

MSVOA_W

ClientSampleId :

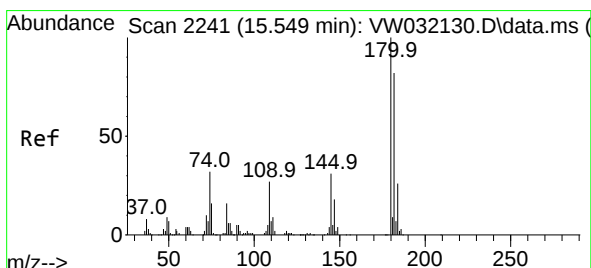
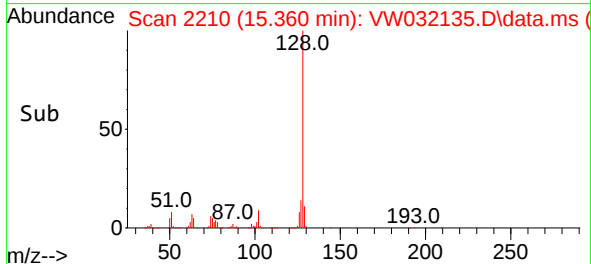
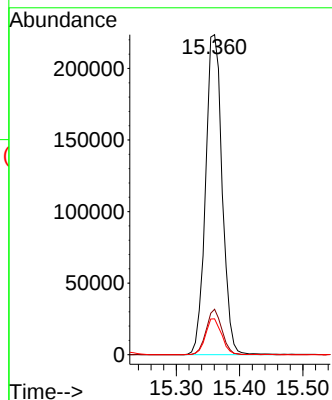
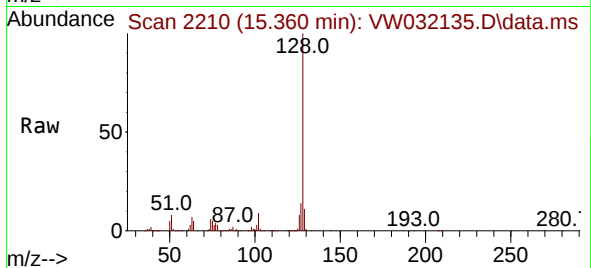
Tgt Ion:128 Resp: 408847

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 69.470 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW032135.D

Acq: 25 Aug 2025 15:38

Tgt Ion:180 Resp: 163483

Ion Ratio Lower Upper

180 100

182 90.1 45.3 135.8

145 33.1 17.2 51.5

