

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
 Data File : VW032316.D
 Acq On : 01 Oct 2025 14:37
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 21:15:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:10:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	289091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	530255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	489049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	200915	47.649	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	95.300%
35) Dibromofluoromethane	7.904	113	162134	47.215	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.420%
50) Toluene-d8	10.325	98	632778	49.927	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.617	95	237645	49.609	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	76397	42.113	ug/l	97
3) Chloromethane	2.253	50	120776	43.147	ug/l	97
4) Vinyl Chloride	2.405	62	153004	45.785	ug/l	98
5) Bromomethane	2.826	94	110413	44.960	ug/l	96
6) Chloroethane	2.966	64	102915	46.646	ug/l	95
7) Trichlorofluoromethane	3.308	101	120856	48.301	ug/l	96
8) Diethyl Ether	3.722	74	99427	45.858	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.106	101	134421	44.790	ug/l	92
10) Methyl Iodide	4.320	142	200360	46.790	ug/l	98
11) Tert butyl alcohol	5.222	59	70796	221.816	ug/l	97
12) 1,1-Dichloroethene	4.082	96	150540	46.204	ug/l	94
13) Acrolein	3.930	56	116224	224.375	ug/l	99
14) Allyl chloride	4.704	41	263294	47.845	ug/l	88
15) Acrylonitrile	5.405	53	270572	239.878	ug/l	98
16) Acetone	4.161	43	264513	226.556	ug/l	99
17) Carbon Disulfide	4.423	76	416819	46.888	ug/l	99
18) Methyl Acetate	4.710	43	180500	53.969	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	308939	48.143	ug/l	97
20) Methylene Chloride	4.954	84	182336	46.839	ug/l	92
21) trans-1,2-Dichloroethene	5.460	96	170174	47.176	ug/l	98
22) Diisopropyl ether	6.344	45	548474	47.923	ug/l	93
23) Vinyl Acetate	6.283	43	1815632	237.512	ug/l	100
24) 1,1-Dichloroethane	6.246	63	327109	47.045	ug/l	99
25) 2-Butanone	7.191	43	378087	237.771	ug/l	97
26) 2,2-Dichloropropane	7.191	77	166572	46.834	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	207106	47.792	ug/l	94
28) Bromochloromethane	7.533	49	158249	48.374	ug/l	87
29) Tetrahydrofuran	7.551	42	247313	247.317	ug/l	94
30) Chloroform	7.697	83	331309	46.983	ug/l	99
31) Cyclohexane	7.971	56	263340	44.363	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	235925	47.214	ug/l	99
36) 1,1-Dichloropropene	8.093	75	232959	48.069	ug/l	97
37) Ethyl Acetate	7.276	43	153726	47.655	ug/l	99
38) Carbon Tetrachloride	8.081	117	213729	46.865	ug/l	95
39) Methylcyclohexane	9.343	83	276342	47.272	ug/l	97
40) Benzene	8.337	78	713410	46.964	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	86799	49.929	ug/l	92
42) 1,2-Dichloroethane	8.410	62	234579	47.194	ug/l	100
43) Isopropyl Acetate	8.435	43	275836	48.202	ug/l	100
44) Trichloroethene	9.099	130	165466	46.519	ug/l	84
45) 1,2-Dichloropropane	9.374	63	180898	47.709	ug/l	100
46) Dibromomethane	9.465	93	111827	47.962	ug/l	94
47) Bromodichloromethane	9.654	83	254689	47.759	ug/l	97
48) Methyl methacrylate	9.441	41	137281	49.341	ug/l #	92
49) 1,4-Dioxane	9.459	88	32650	1024.535	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	825948	249.195	ug/l	99
52) Toluene	10.392	92	454566	48.052	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	253517	49.001	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	288719	48.447	ug/l	93
55) 1,1,2-Trichloroethane	10.788	97	148551	47.671	ug/l	97
56) Ethyl methacrylate	10.648	69	216484	49.633	ug/l	94
57) 1,3-Dichloropropane	10.934	76	264139	47.992	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	639919	275.675	ug/l	96
59) 2-Hexanone	10.971	43	581510	248.758	ug/l	99
60) Dibromochloromethane	11.129	129	172945	48.878	ug/l	96
61) 1,2-Dibromoethane	11.239	107	147146	48.427	ug/l	100
64) Tetrachloroethene	10.867	164	136139	46.522	ug/l	94
65) Chlorobenzene	11.660	112	502586	46.707	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	154835	46.199	ug/l	98
67) Ethyl Benzene	11.733	91	848140	47.287	ug/l	97
68) m/p-Xylenes	11.837	106	653426	94.476	ug/l	98
69) o-Xylene	12.166	106	311759	48.200	ug/l	100
70) Styrene	12.178	104	549550	48.664	ug/l	99
71) Bromoform	12.343	173	92293	48.043	ug/l #	100
73) Isopropylbenzene	12.465	105	780146	48.634	ug/l	100
74) N-amyl acetate	12.269	43	249273	48.711	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	189461	47.568	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	242808	78.478	ug/l	41
77) Bromobenzene	12.745	156	191637	49.560	ug/l	90
78) n-propylbenzene	12.800	91	961286	47.974	ug/l	97
79) 2-Chlorotoluene	12.891	91	590868	48.227	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	682722	49.221	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.513	75	62771	51.537	ug/l	91
82) 4-Chlorotoluene	12.989	91	621247	47.694	ug/l	99
83) tert-Butylbenzene	13.202	119	552559	48.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	695101	49.283	ug/l	100
85) sec-Butylbenzene	13.379	105	836597	48.102	ug/l	96
86) p-Isopropyltoluene	13.495	119	703465	48.747	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	375062	47.901	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	362915	46.354	ug/l	99
89) n-Butylbenzene	13.818	91	677726	48.100	ug/l	99
90) Hexachloroethane	14.092	117	122267	47.269	ug/l	90
91) 1,2-Dichlorobenzene	13.867	146	328681	46.437	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.483	75	34323	49.219	ug/l	87
93) 1,2,4-Trichlorobenzene	15.123	180	195251	46.003	ug/l	96
94) Hexachlorobutadiene	15.232	225	84805	43.703	ug/l	96
95) Naphthalene	15.360	128	514556	50.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	189852	47.458	ug/l	97

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ClientSampleId :

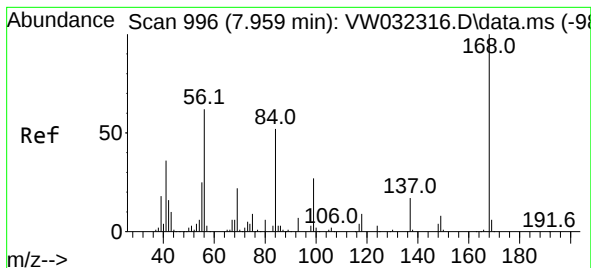
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Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

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

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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: VW032316.D

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Instrument :

MSVOA_W

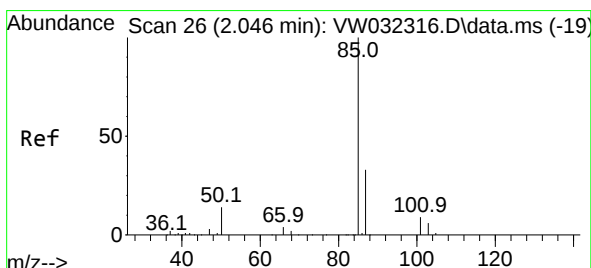
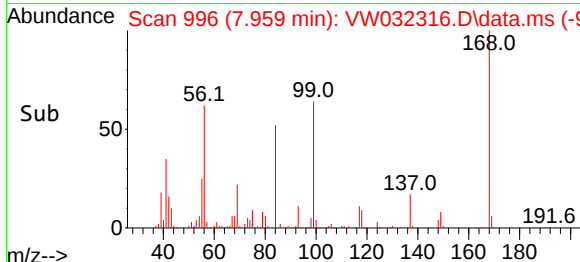
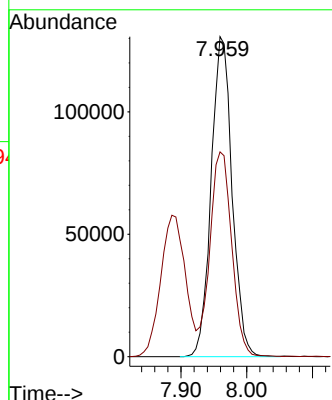
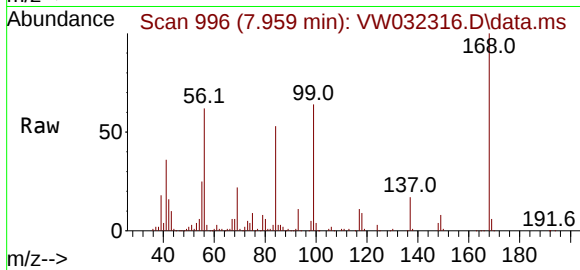
ClientSampleId :

Tgt Ion:168 Resp: 289091

Ion Ratio Lower Upper

168 100

99 63.9 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 42.113 ug/l

RT: 2.046 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW032316.D

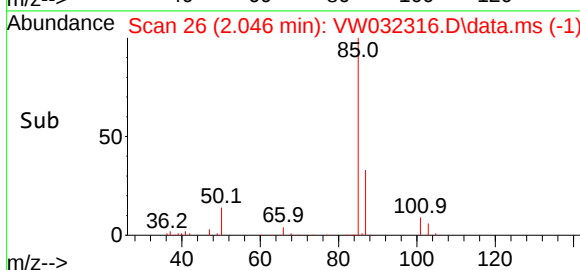
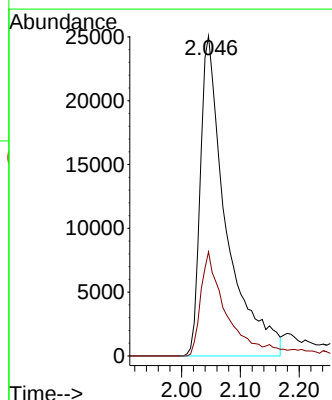
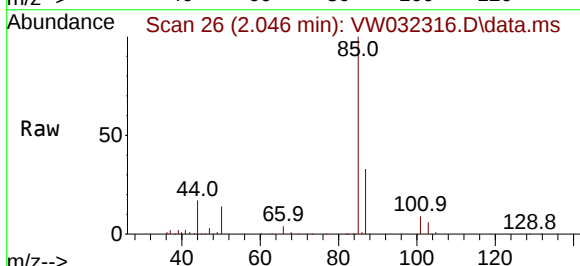
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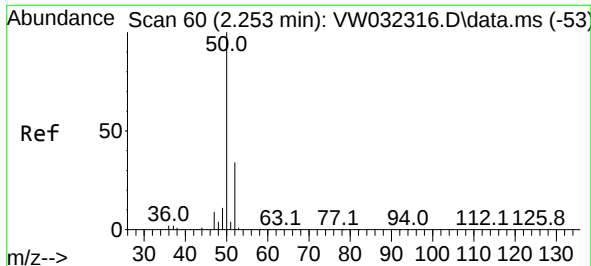
Tgt Ion: 85 Resp: 76397

Ion Ratio Lower Upper

85 100

87 32.5 17.2 51.6

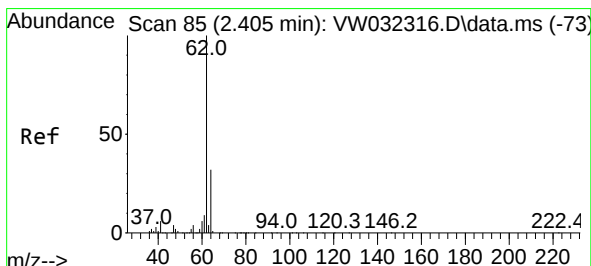
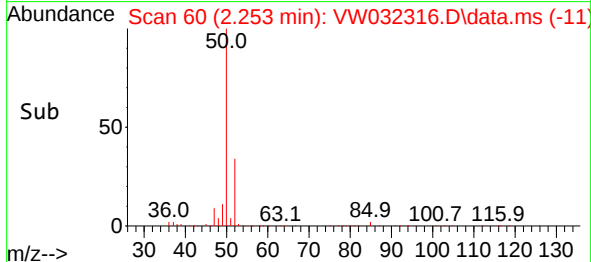
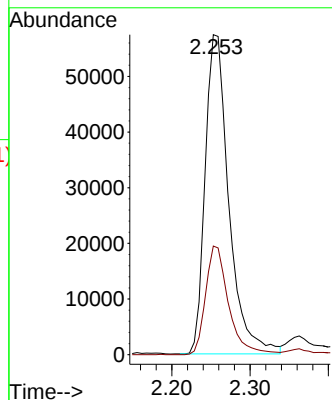
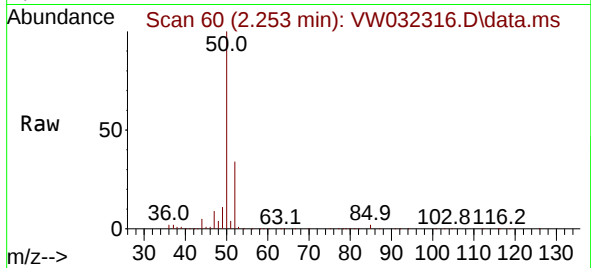




#3
Chloromethane
Concen: 43.147 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032316.D
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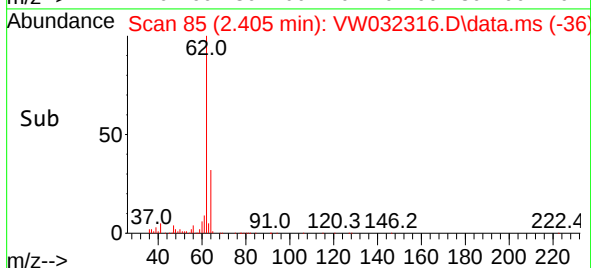
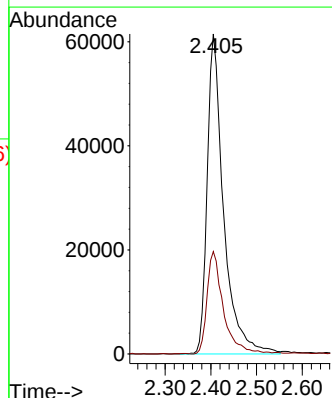
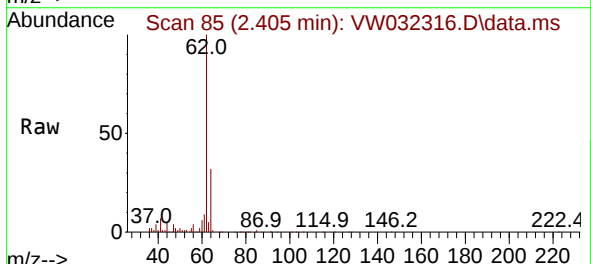
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MSVOA_W
ClientSampleId :

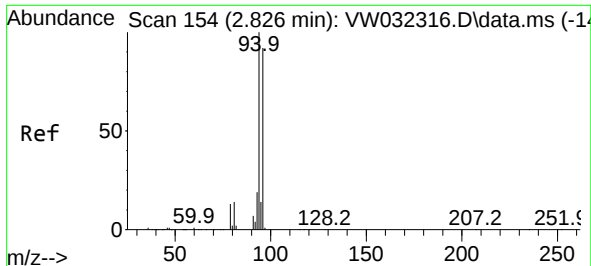
Tgt Ion: 50 Resp: 120776
Ion Ratio Lower Upper
50 100
52 34.0 26.1 39.1



#4
Vinyl Chloride
Concen: 45.785 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 62 Resp: 153004
Ion Ratio Lower Upper
62 100
64 31.9 24.8 37.2

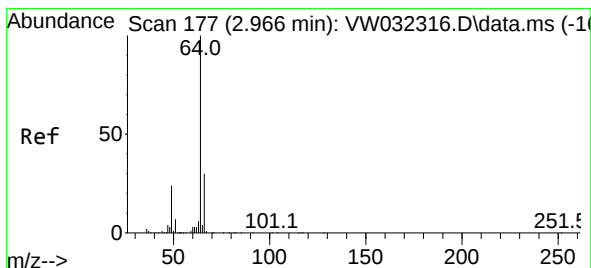
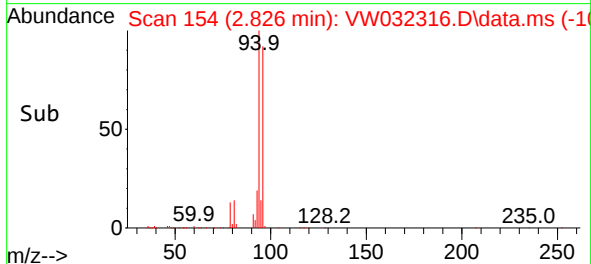
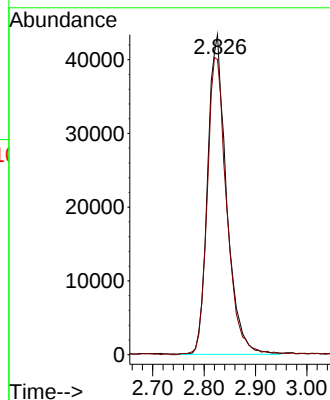
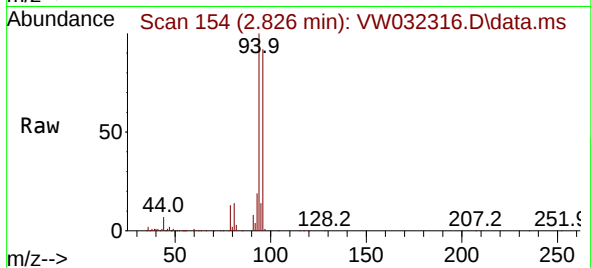




#5
Bromomethane
Concen: 44.960 ug/l
RT: 2.826 min Scan# 154
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

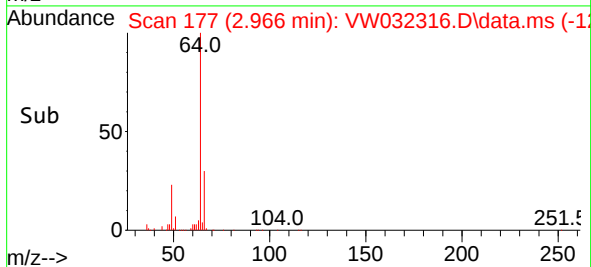
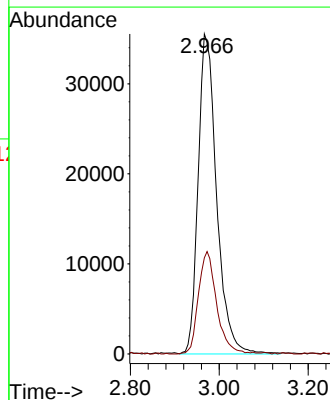
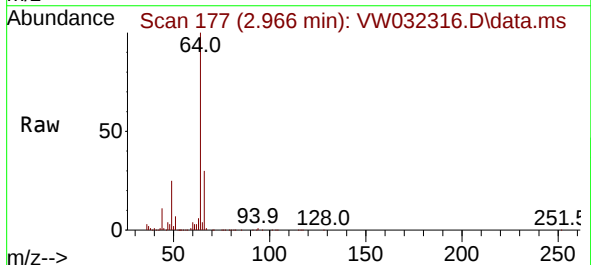
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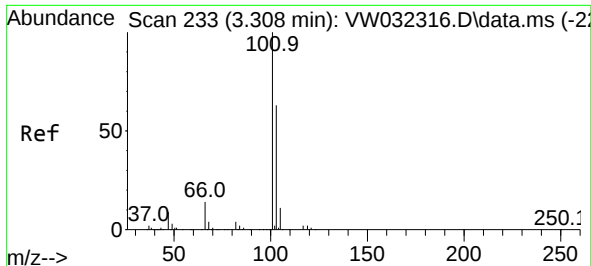
Tgt Ion: 94 Resp: 110413
Ion Ratio Lower Upper
94 100
96 92.0 76.6 115.0



#6
Chloroethane
Concen: 46.646 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 64 Resp: 102915
Ion Ratio Lower Upper
64 100
66 29.9 26.2 39.4

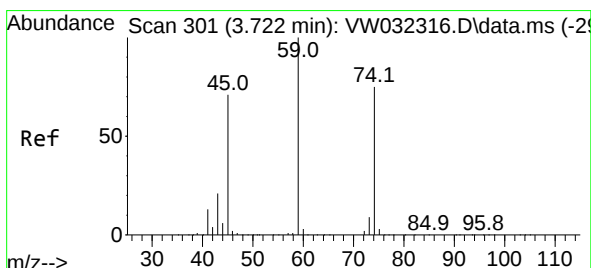
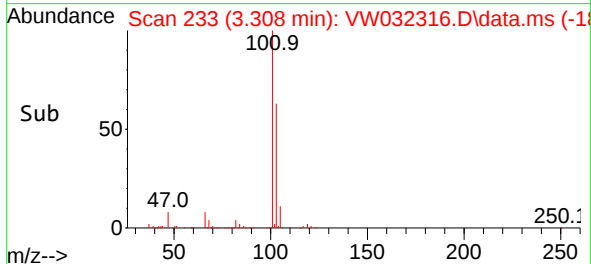
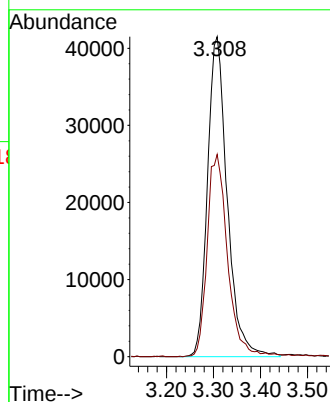
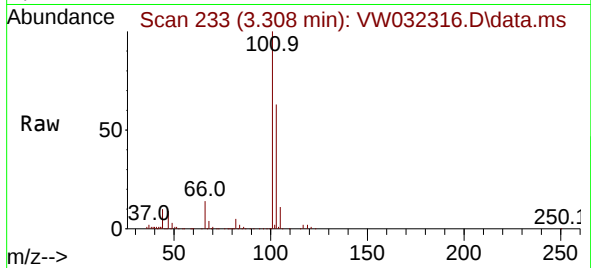




#7
 Trichlorofluoromethane
 Concen: 48.301 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032316.D
 Acq: 01 Oct 2025 14:37

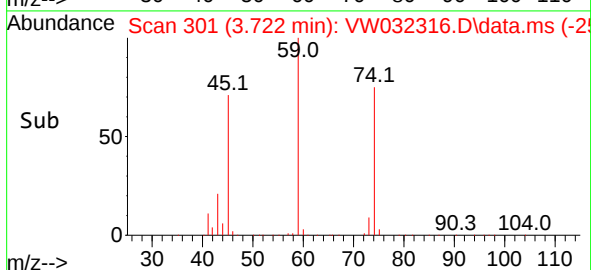
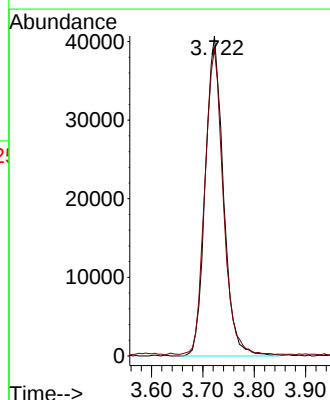
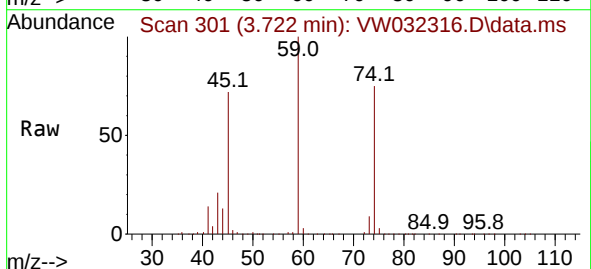
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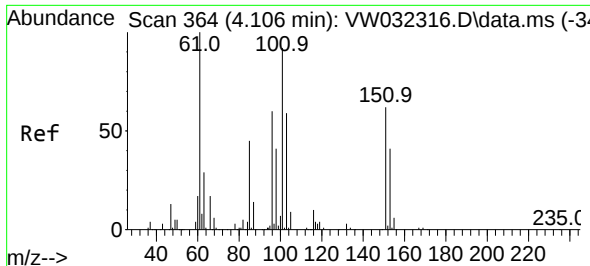
Tgt Ion:101 Resp: 120856
 Ion Ratio Lower Upper
 101 100
 103 63.0 47.8 71.8



#8
 Diethyl Ether
 Concen: 45.858 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032316.D
 Acq: 01 Oct 2025 14:37

Tgt Ion: 74 Resp: 99427
 Ion Ratio Lower Upper
 74 100
 45 96.7 43.1 129.4

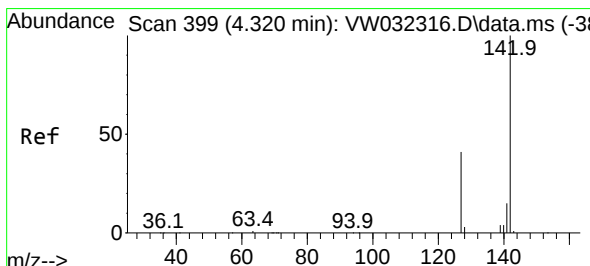
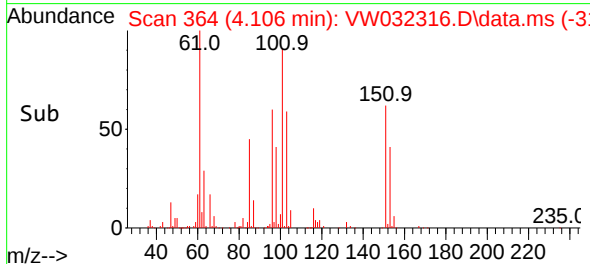
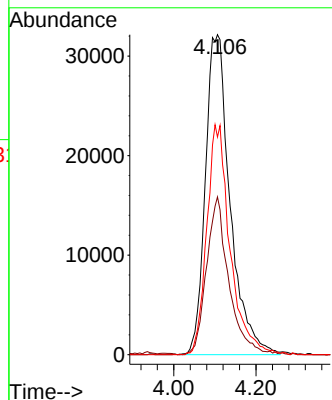
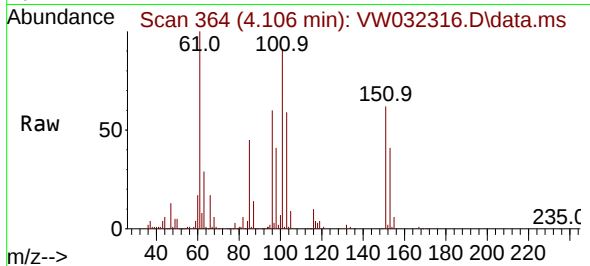




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.790 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW032316.D
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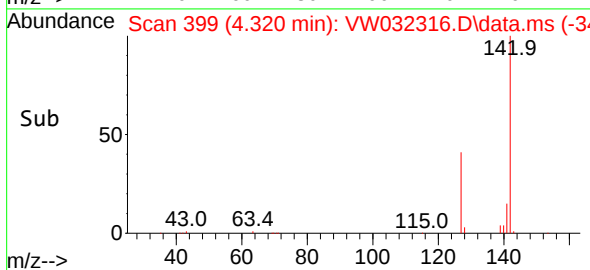
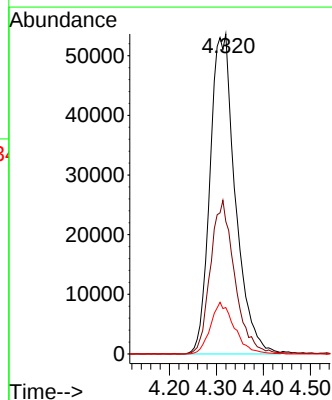
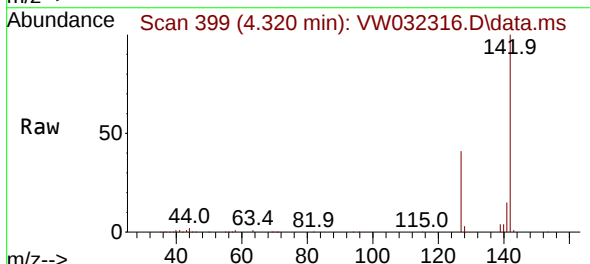
Instrument :
MSVOA_W
ClientSampleId :

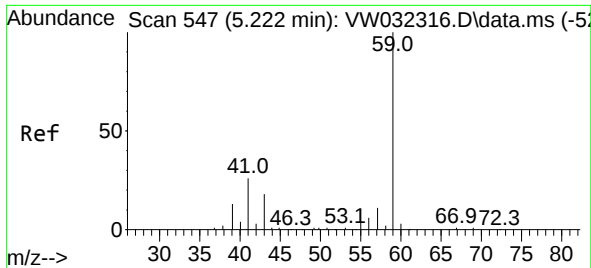
Tgt Ion:101 Resp: 134421
Ion Ratio Lower Upper
101 100
85 44.5 37.1 55.7
151 67.7 61.5 92.3



#10
Methyl Iodide
Concen: 46.790 ug/l
RT: 4.320 min Scan# 399
Delta R.T. 0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

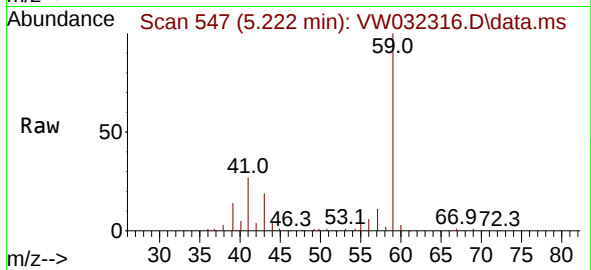
Tgt Ion:142 Resp: 200360
Ion Ratio Lower Upper
142 100
127 46.1 38.2 57.2
141 15.3 12.2 18.2



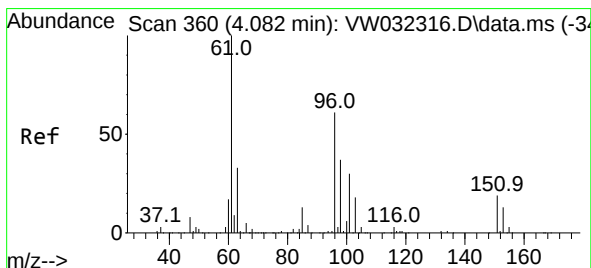
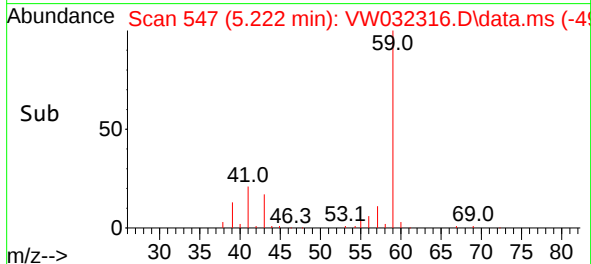
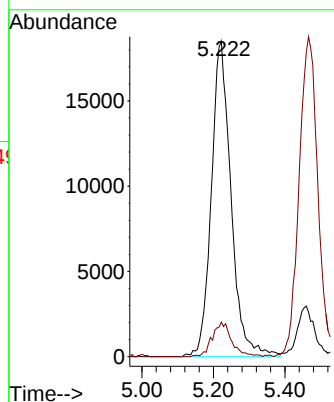


#11
Tert butyl alcohol
Concen: 221.816 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Instrument :
MSVOA_W
ClientSampleId :

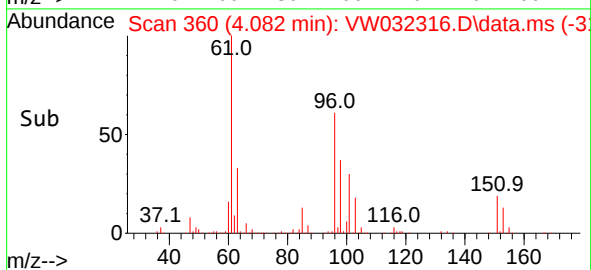
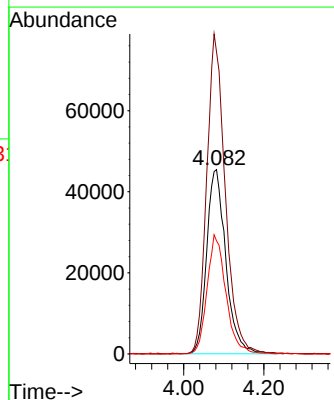
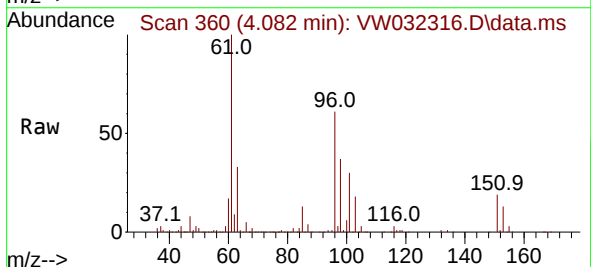


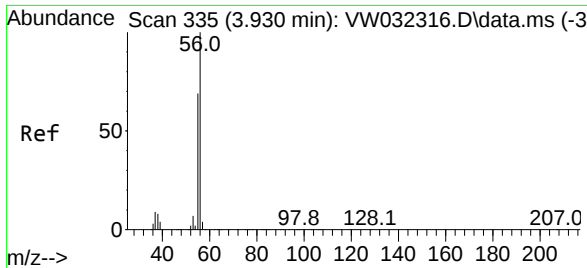
Tgt Ion: 59 Resp: 70796
Ion Ratio Lower Upper
59 100
57 10.9 9.8 14.6



#12
1,1-Dichloroethene
Concen: 46.204 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 96 Resp: 150540
Ion Ratio Lower Upper
96 100
61 163.9 123.0 184.4
98 61.4 48.5 72.7

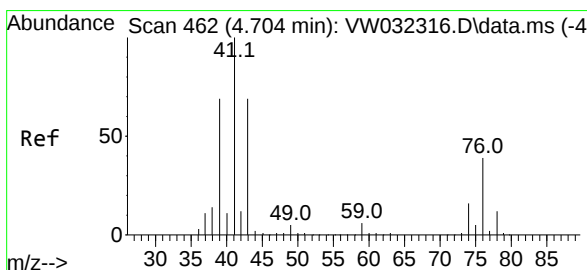
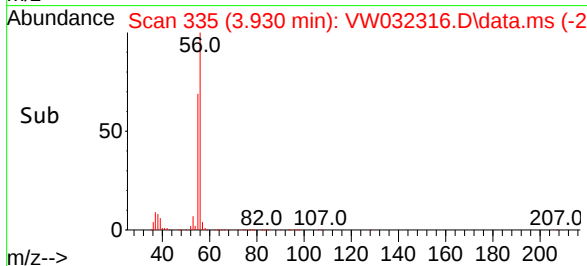
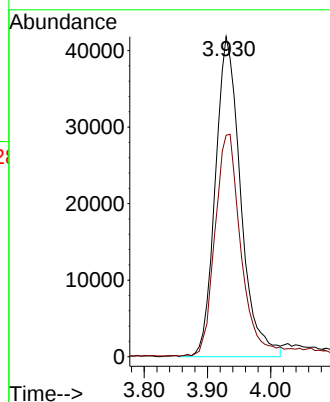
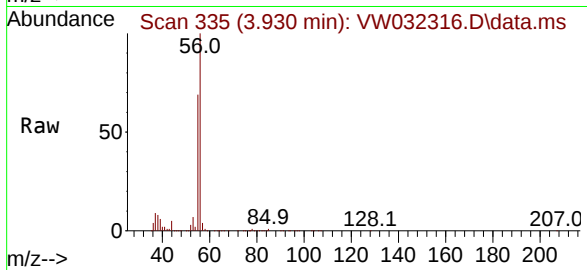




#13
Acrolein
Concen: 224.375 ug/l
RT: 3.930 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

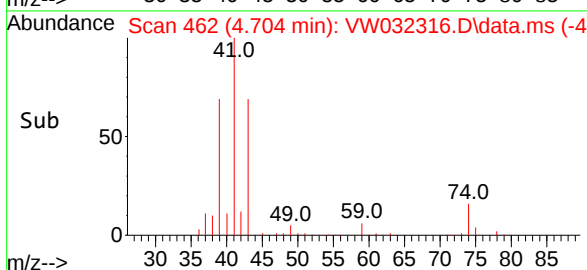
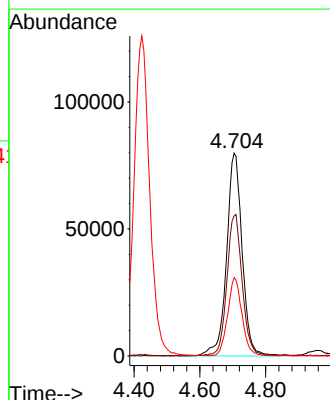
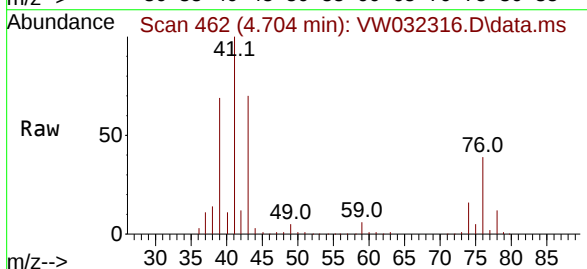
Instrument :
MSVOA_W
ClientSampleId :

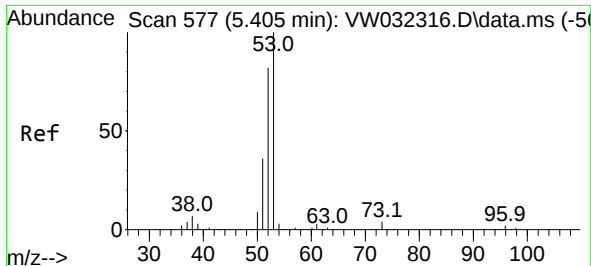
Tgt Ion: 56 Resp: 116224
Ion Ratio Lower Upper
56 100
55 71.0 56.4 84.6



#14
Allyl chloride
Concen: 47.845 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

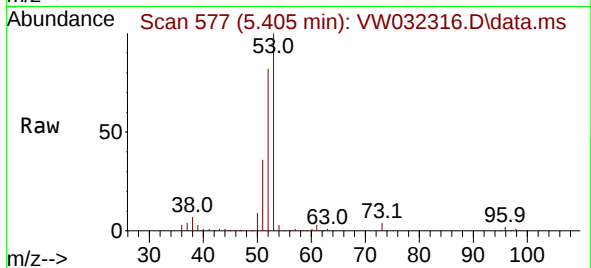
Tgt Ion: 41 Resp: 263294
Ion Ratio Lower Upper
41 100
39 67.8 64.1 96.1
76 35.3 31.4 47.2



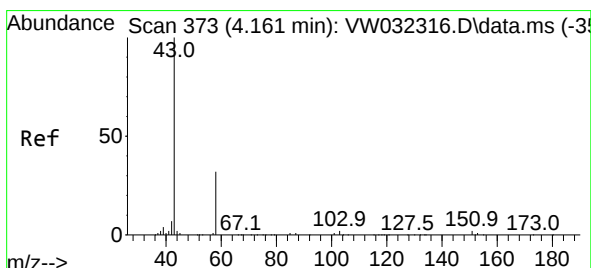
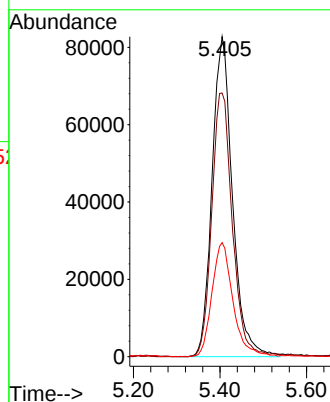
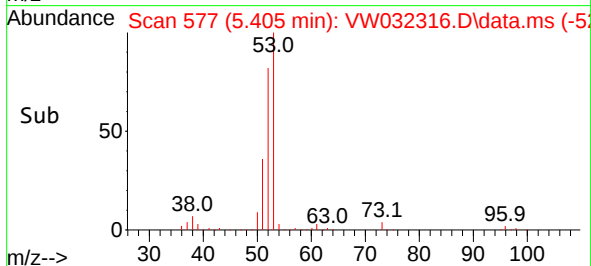


#15
Acrylonitrile
Concen: 239.878 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Instrument :
MSVOA_W
ClientSampleId :

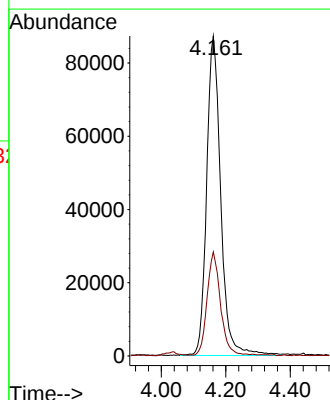
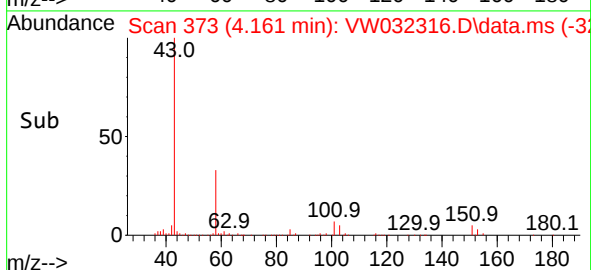
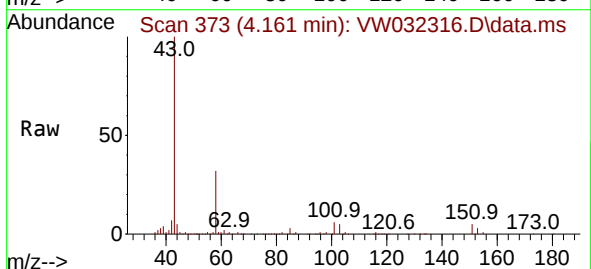


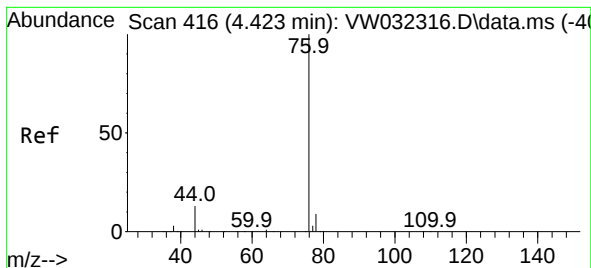
Tgt Ion: 53 Resp: 270572
Ion Ratio Lower Upper
53 100
52 83.0 67.4 101.2
51 36.9 30.3 45.5



#16
Acetone
Concen: 226.556 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 43 Resp: 264513
Ion Ratio Lower Upper
43 100
58 32.4 25.3 37.9





#17

Carbon Disulfide

Concen: 46.888 ug/l

RT: 4.423 min Scan# 416

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

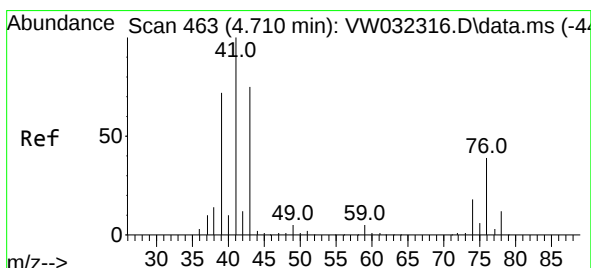
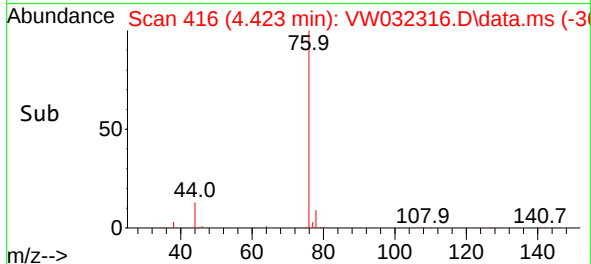
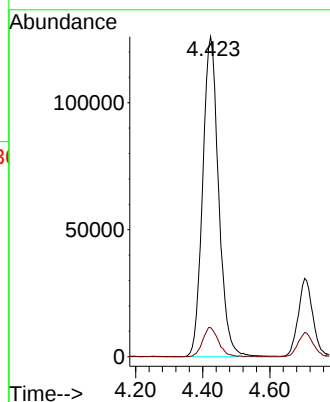
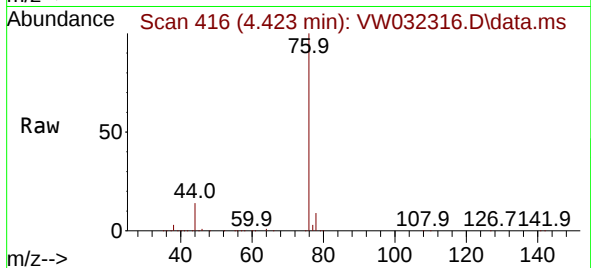
ClientSampleId :

Tgt Ion: 76 Resp: 416819

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 53.969 ug/l

RT: 4.710 min Scan# 463

Delta R.T. -0.000 min

Lab File: VW032316.D

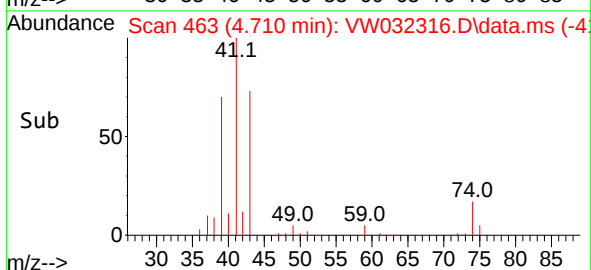
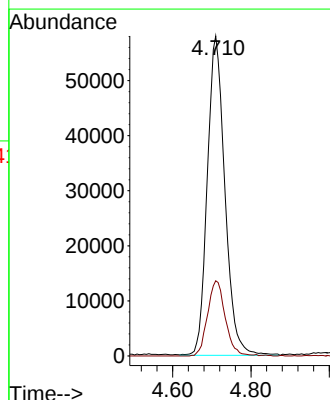
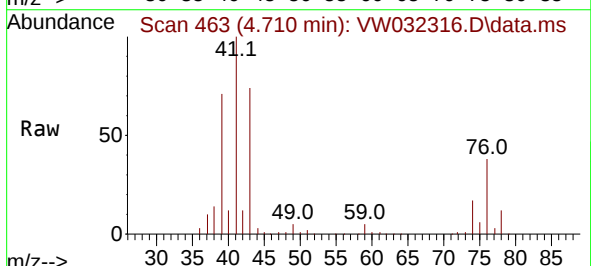
Acq: 01 Oct 2025 14:37

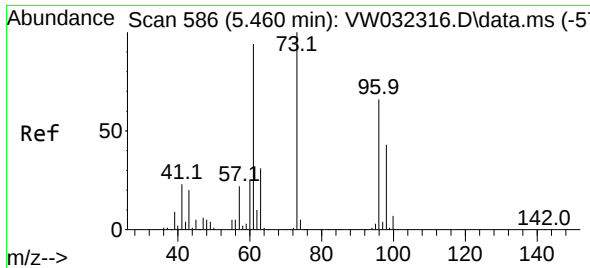
Tgt Ion: 43 Resp: 180500

Ion Ratio Lower Upper

43 100

74 23.6 20.2 30.4

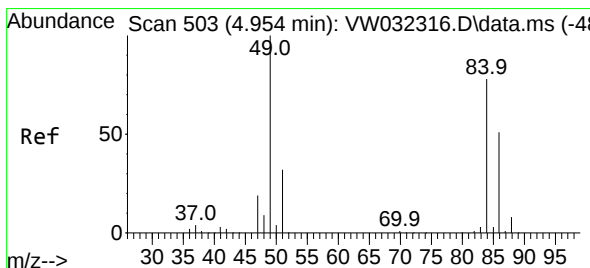
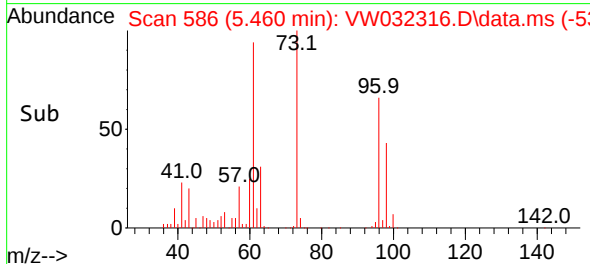
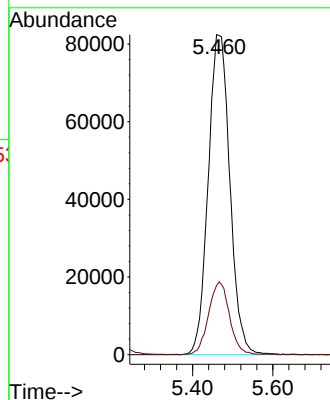
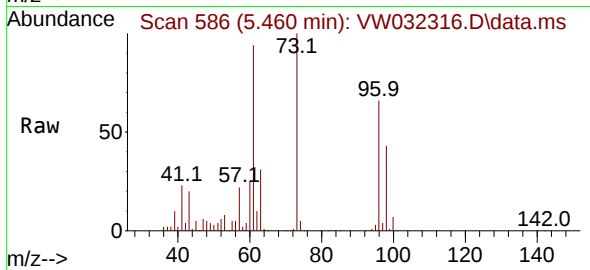




#19
Methyl tert-butyl Ether
Concen: 48.143 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

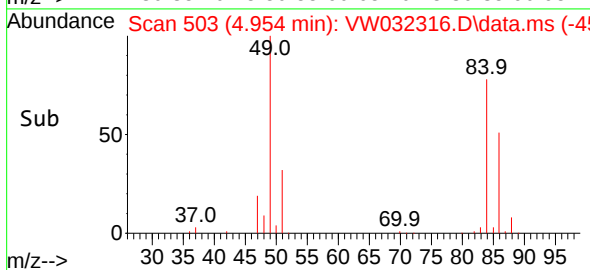
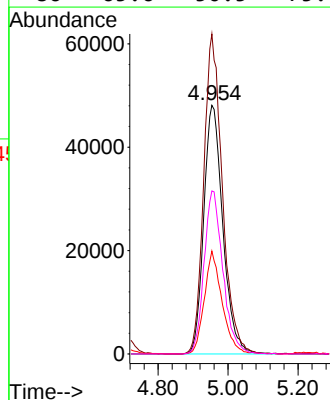
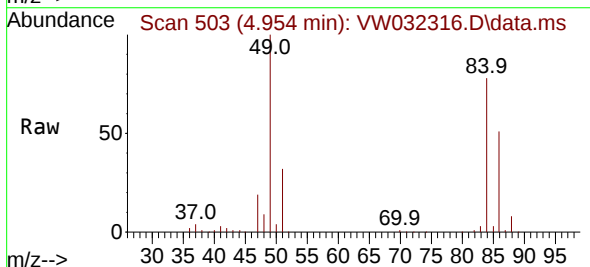
Instrument :
MSVOA_W
ClientSampleId :

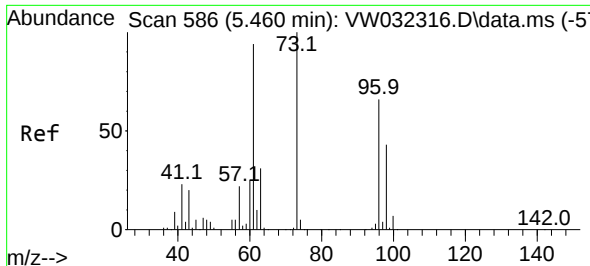
Tgt Ion: 73 Resp: 308939
Ion Ratio Lower Upper
73 100
57 21.6 16.2 24.4



#20
Methylene Chloride
Concen: 46.839 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 84 Resp: 182336
Ion Ratio Lower Upper
84 100
49 128.7 92.2 138.4
51 41.4 31.0 46.6
86 65.6 50.5 75.7

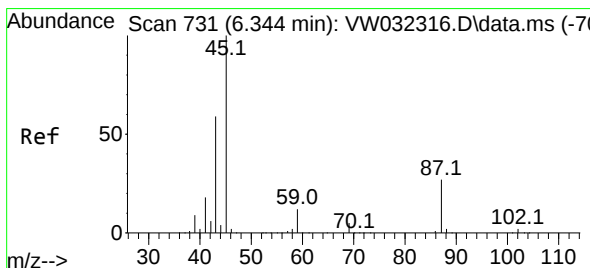
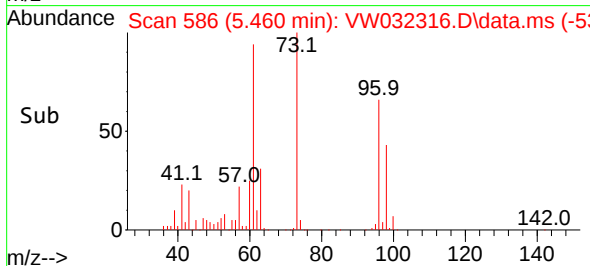
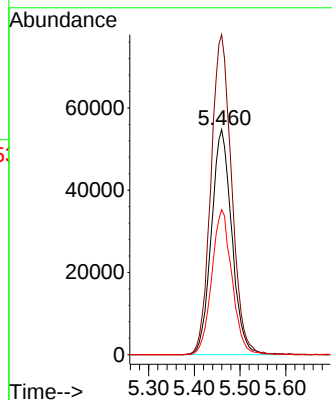
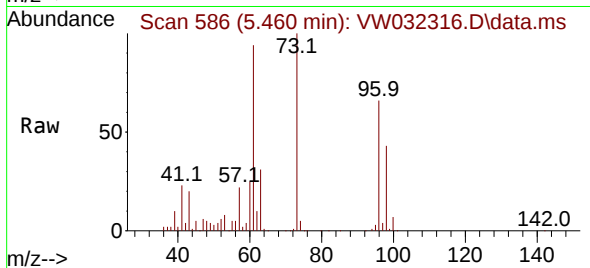




#21
trans-1,2-Dichloroethene
Concen: 47.176 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

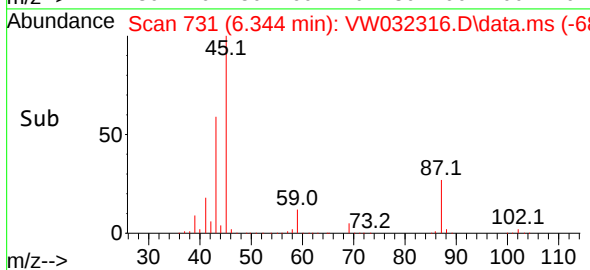
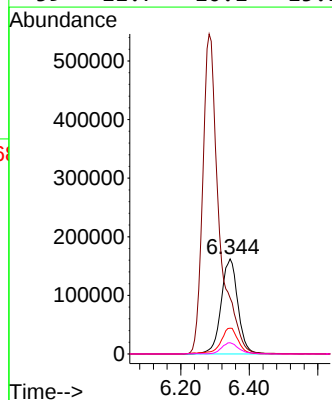
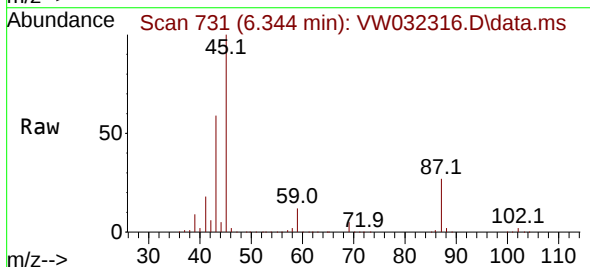
Instrument :
MSVOA_W
ClientSampleId :

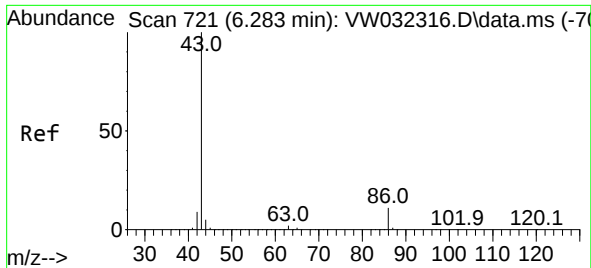
Tgt Ion: 96 Resp: 170174
Ion Ratio Lower Upper
96 100
61 142.1 112.5 168.7
98 64.4 54.2 81.4



#22
Diisopropyl ether
Concen: 47.923 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 45 Resp: 548474
Ion Ratio Lower Upper
45 100
43 58.8 51.4 77.2
87 27.1 25.9 38.9
59 11.7 10.1 15.1

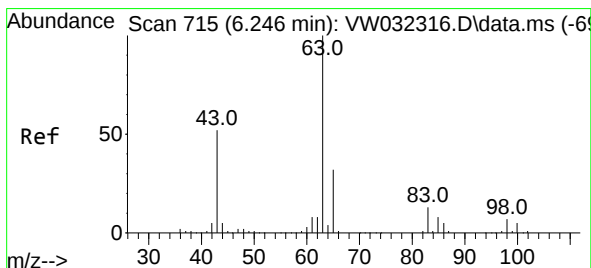
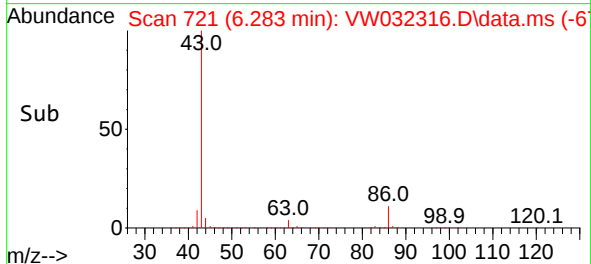
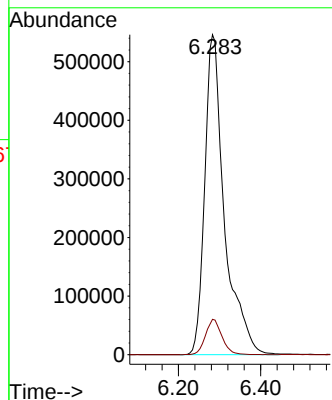
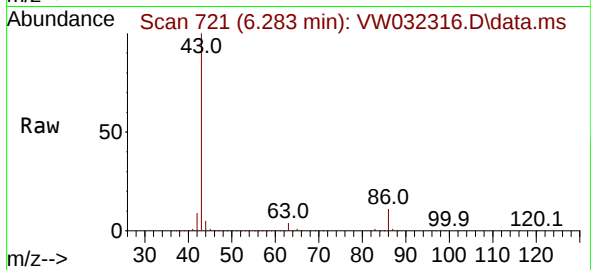




#23
 Vinyl Acetate
 Concen: 237.512 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032316.D
 Acq: 01 Oct 2025 14:37

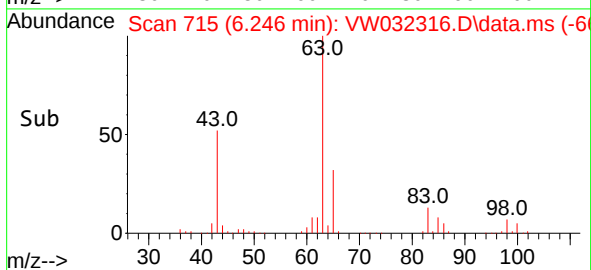
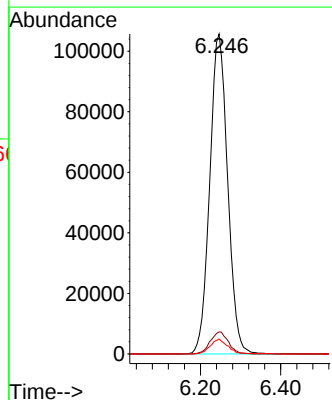
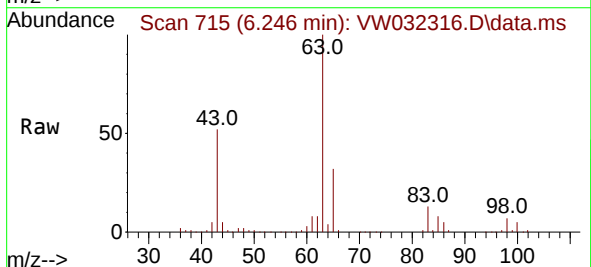
Instrument :
 MSVOA_W
 ClientSampleId :

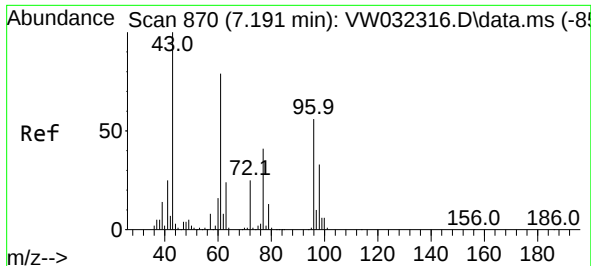
Tgt Ion: 43 Resp: 1815632
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 47.045 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032316.D
 Acq: 01 Oct 2025 14:37

Tgt Ion: 63 Resp: 327109
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.7 2.5 7.5

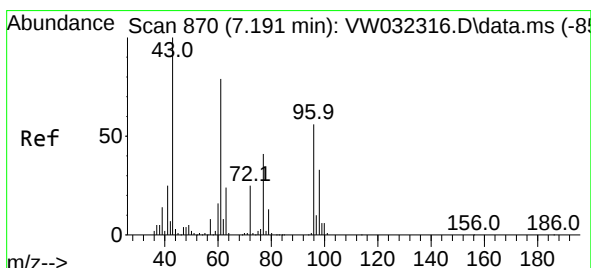
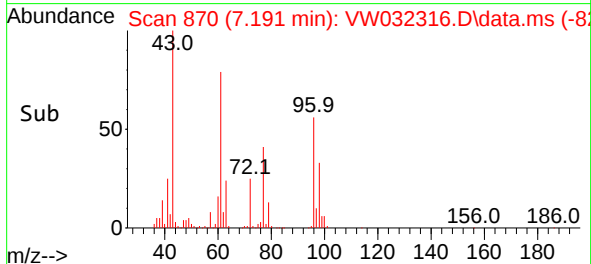
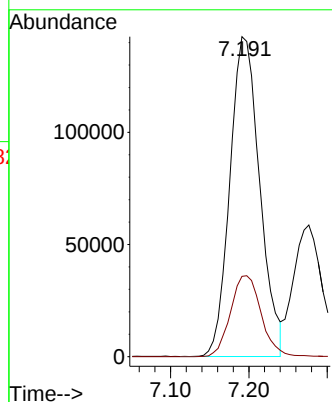
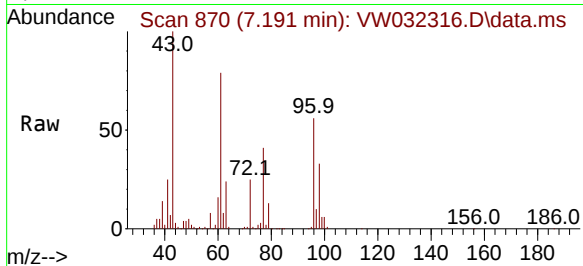




#25
2-Butanone
Concen: 237.771 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

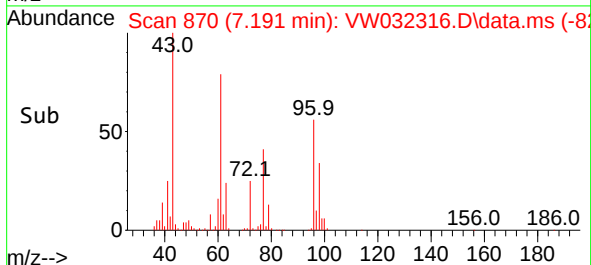
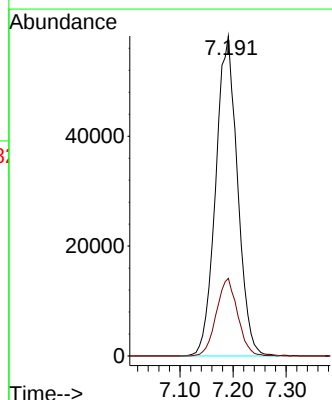
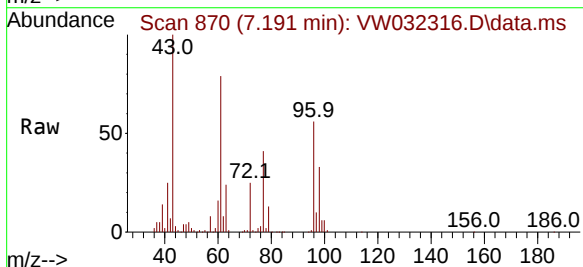
Instrument :
MSVOA_W
ClientSampleId :

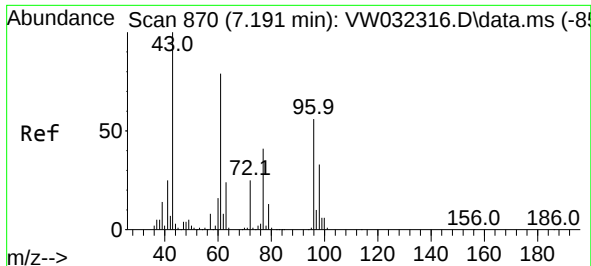
Tgt Ion: 43 Resp: 378087
Ion Ratio Lower Upper
43 100
72 25.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 46.834 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 77 Resp: 166572
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5

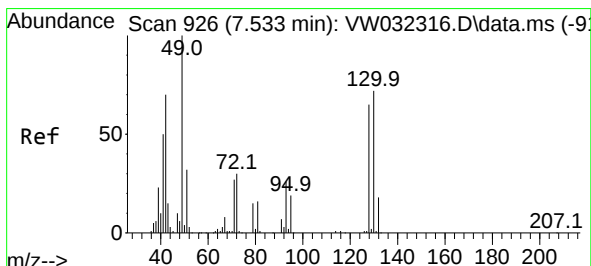
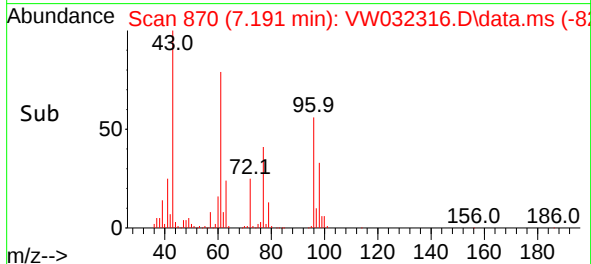
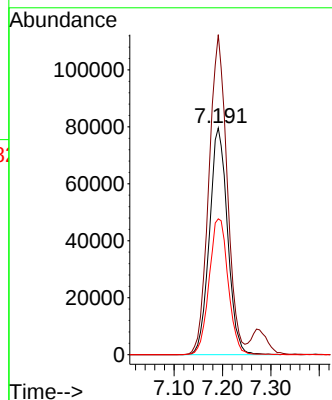
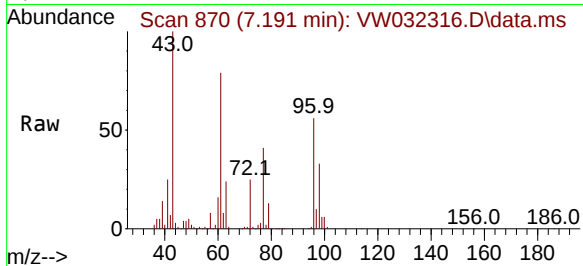




#27
 cis-1,2-Dichloroethene
 Concen: 47.792 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032316.D
 Acq: 01 Oct 2025 14:37

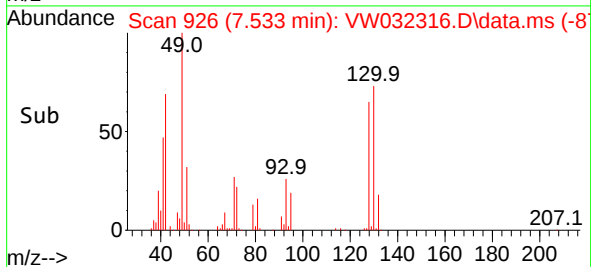
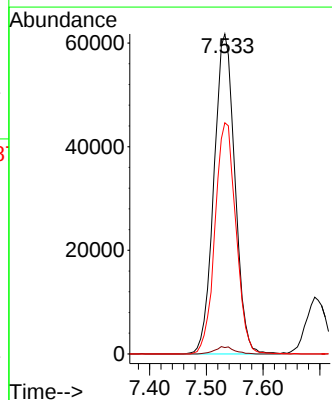
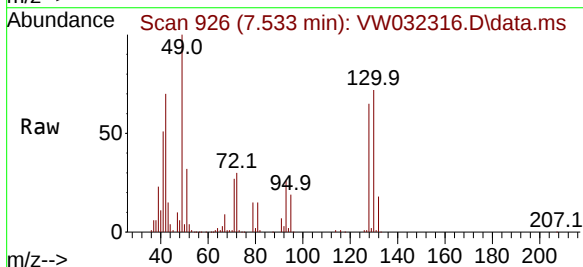
Instrument :
 MSVOA_W
 ClientSampleId :

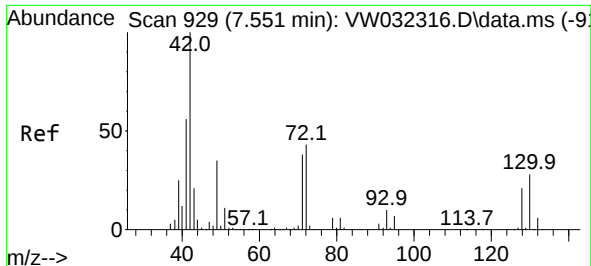
Tgt Ion: 96 Resp: 207106
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 268.0
 98 63.0 0.0 130.8



#28
 Bromochloromethane
 Concen: 48.374 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032316.D
 Acq: 01 Oct 2025 14:37

Tgt Ion: 49 Resp: 158249
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 72.2 67.5 101.3





#29

Tetrahydrofuran

Concen: 247.317 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

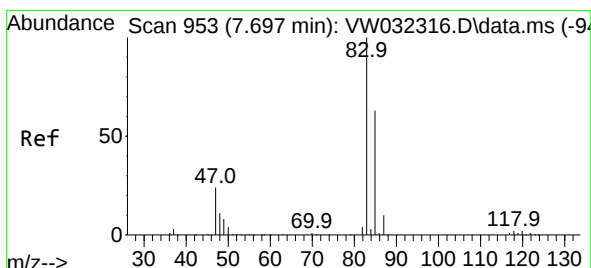
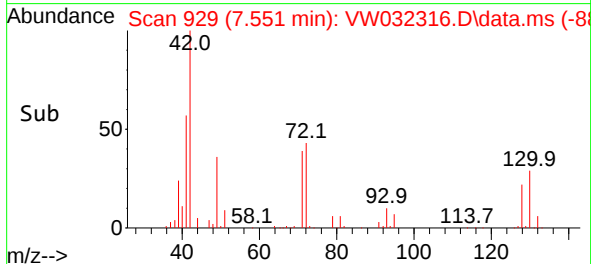
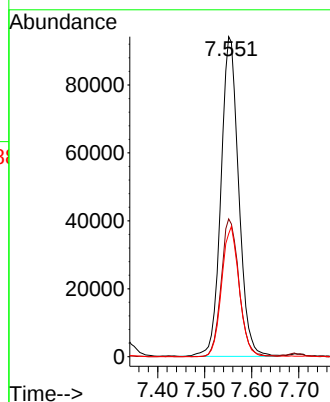
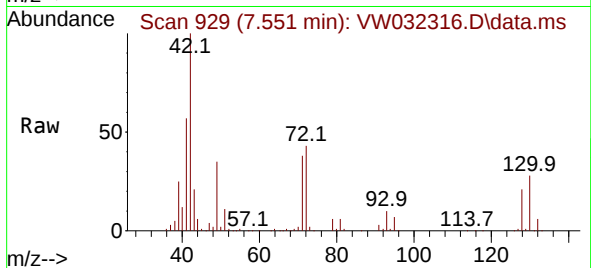
Tgt Ion: 42 Resp: 247313

Ion Ratio Lower Upper

42 100

72 43.3 37.4 56.2

71 40.4 36.0 54.0



#30

Chloroform

Concen: 46.983 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032316.D

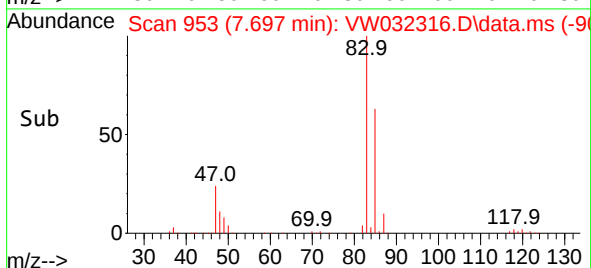
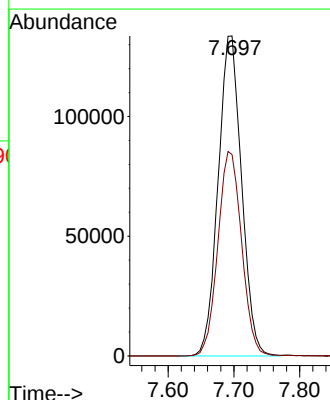
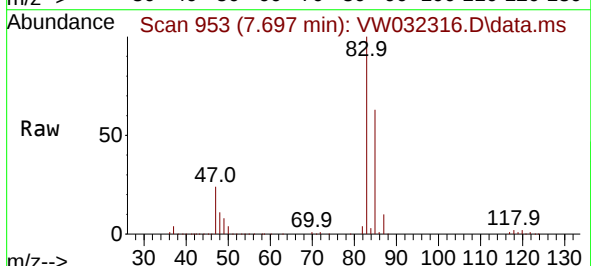
Acq: 01 Oct 2025 14:37

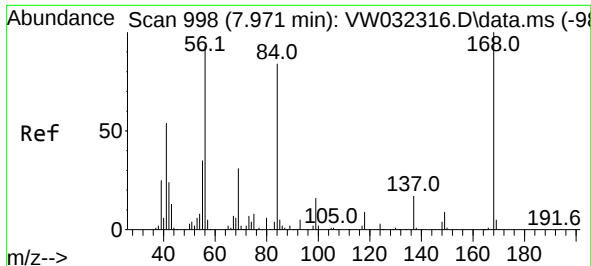
Tgt Ion: 83 Resp: 331309

Ion Ratio Lower Upper

83 100

85 62.9 51.2 76.8

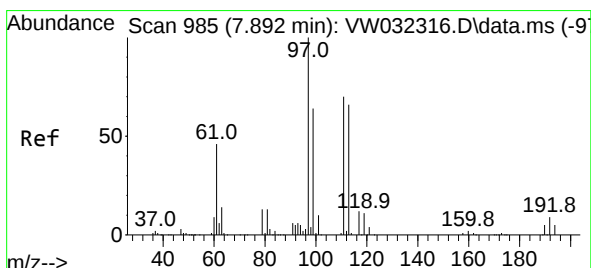
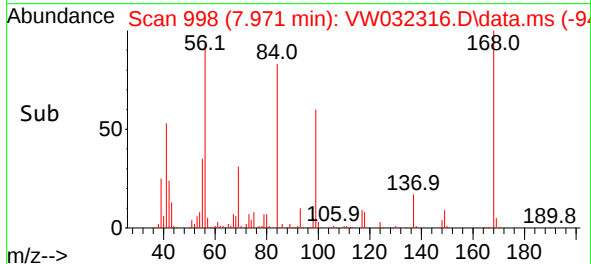
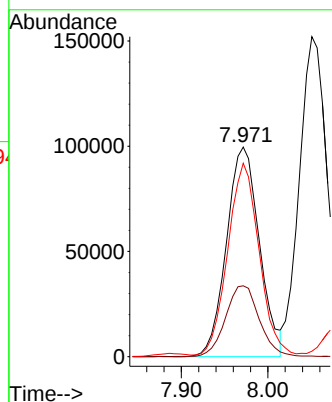
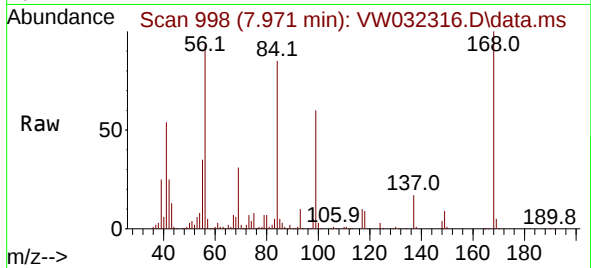




#31
Cyclohexane
Concen: 44.363 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

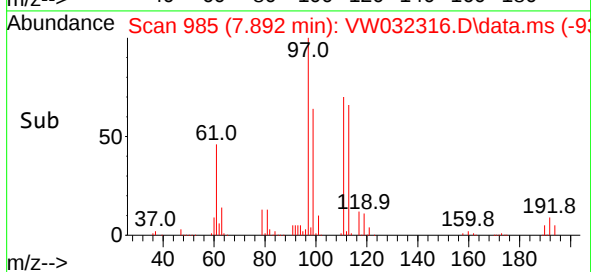
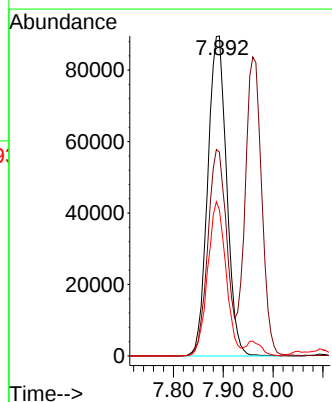
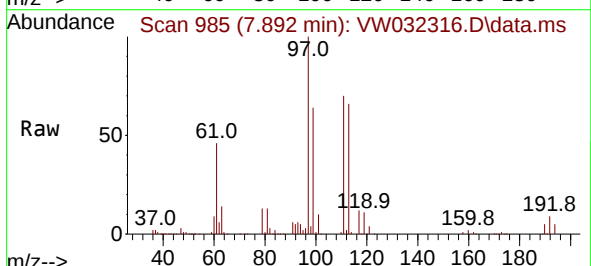
Instrument :
MSVOA_W
ClientSampleId :

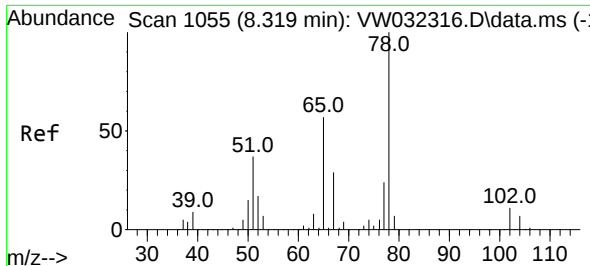
Tgt Ion: 56 Resp: 263340
Ion Ratio Lower Upper
56 100
69 33.8 27.7 41.5
84 91.0 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 47.214 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 97 Resp: 235925
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 46.7 36.2 54.4

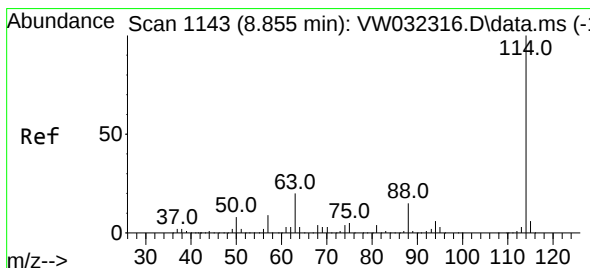
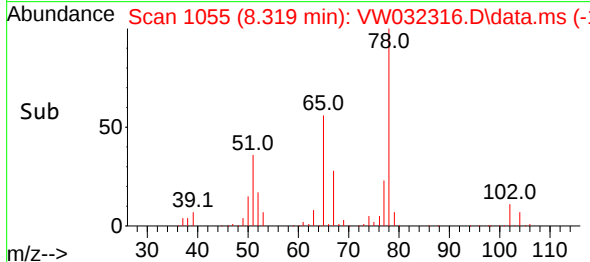
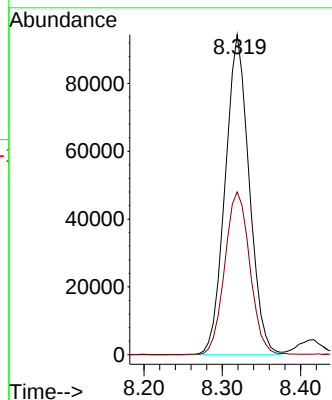
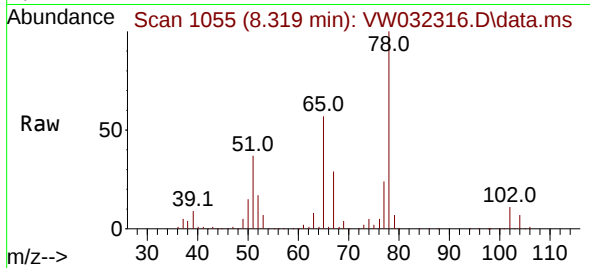




#33
 1,2-Dichloroethane-d4
 Concen: 47.649 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032316.D
 Acq: 01 Oct 2025 14:37

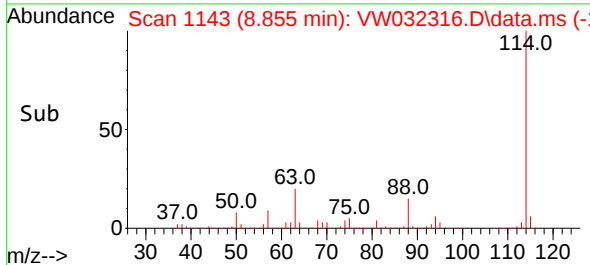
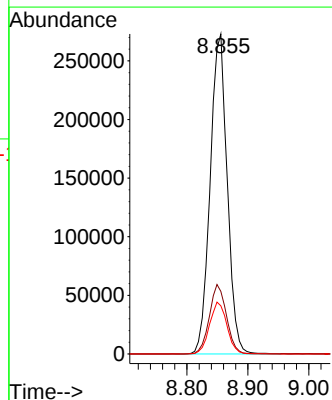
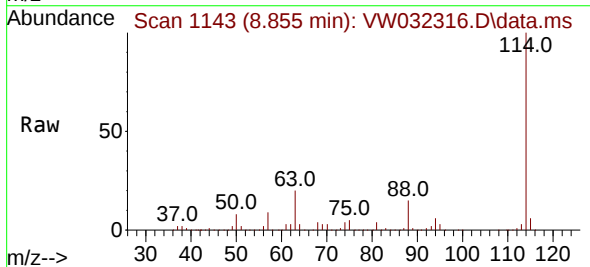
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 65 Resp: 200915
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032316.D
 Acq: 01 Oct 2025 14:37

Tgt Ion: 114 Resp: 530255
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.4
 88 15.0 0.0 32.0

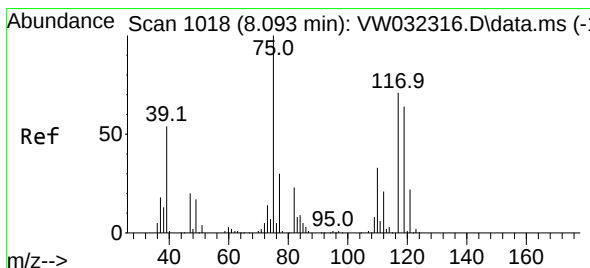
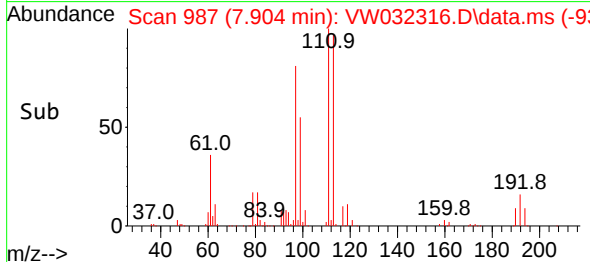
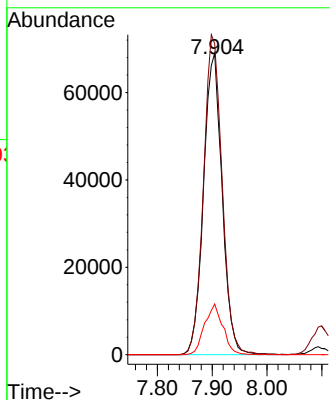
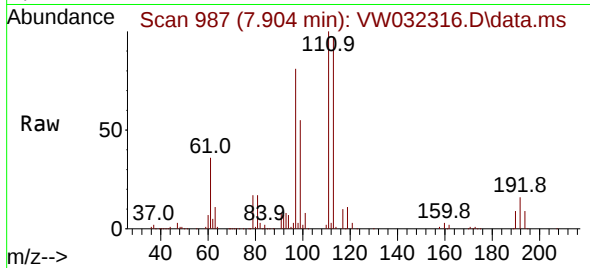




#35
Dibromofluoromethane
Concen: 47.215 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

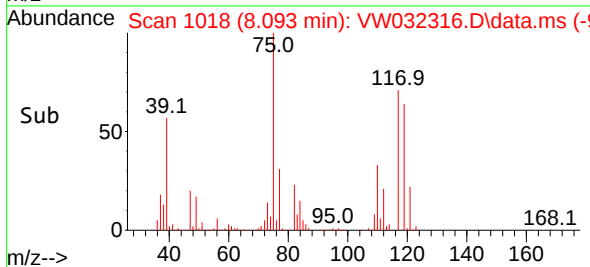
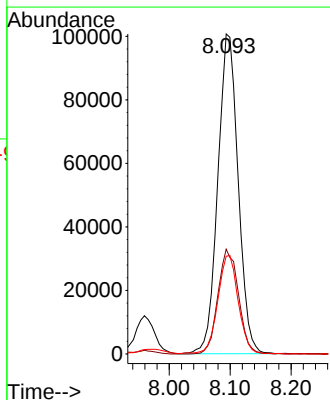
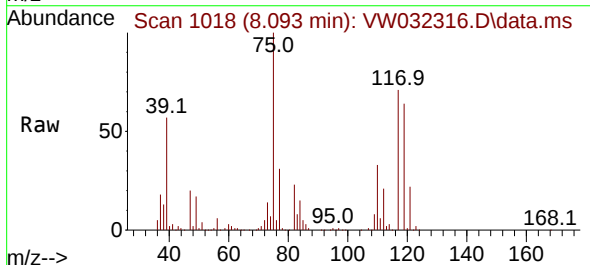
Instrument :
MSVOA_W
ClientSampleId :

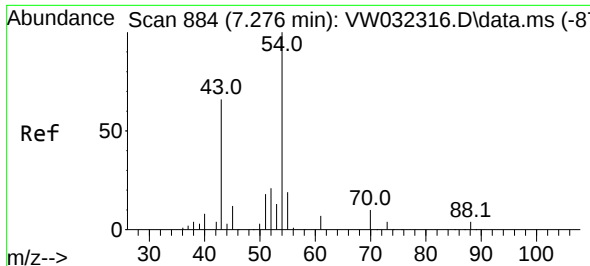
Tgt Ion:113 Resp: 162134
Ion Ratio Lower Upper
113 100
111 106.2 83.9 125.9
192 16.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 48.069 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 75 Resp: 232959
Ion Ratio Lower Upper
75 100
110 33.1 17.5 52.5
77 31.2 24.1 36.1

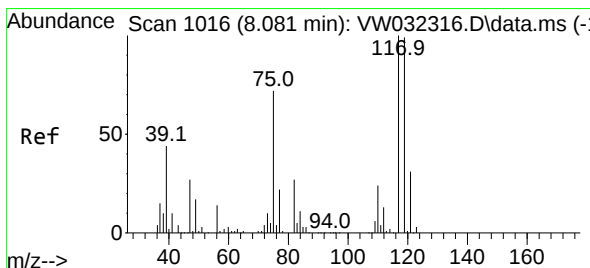
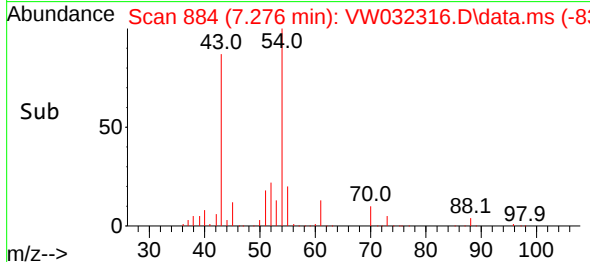
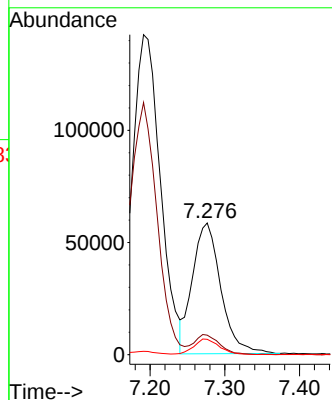
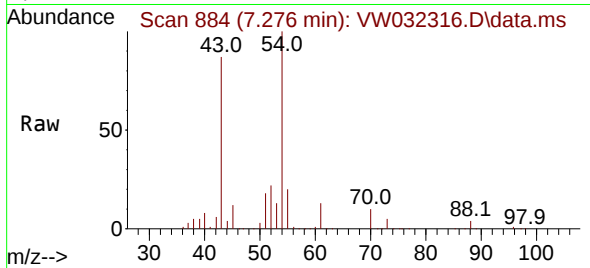




#37
Ethyl Acetate
Concen: 47.655 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

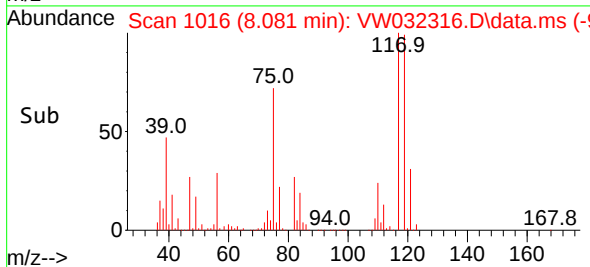
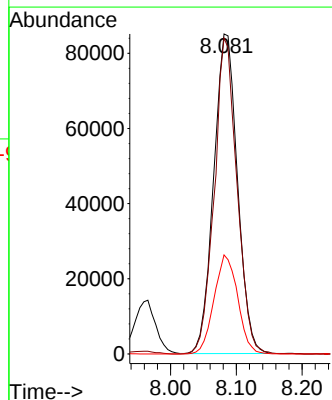
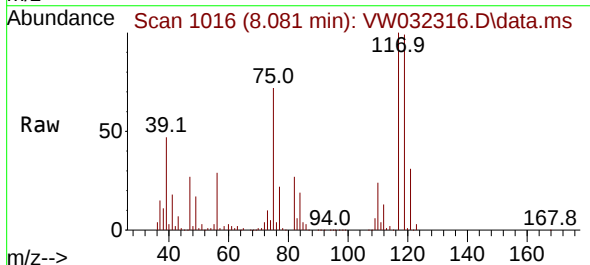
Instrument :
MSVOA_W
ClientSampleId :

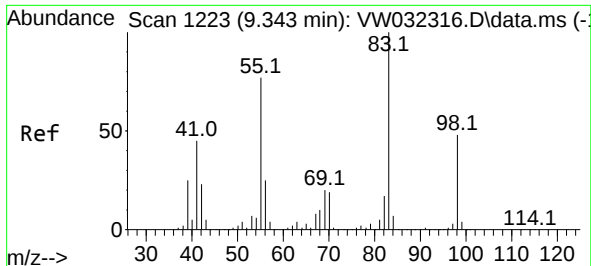
Tgt Ion: 43 Resp: 153726
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 11.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 46.865 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 117 Resp: 213729
Ion Ratio Lower Upper
117 100
119 98.8 74.2 111.2
121 31.0 25.6 38.4





#39

Methylcyclohexane

Concen: 47.272 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

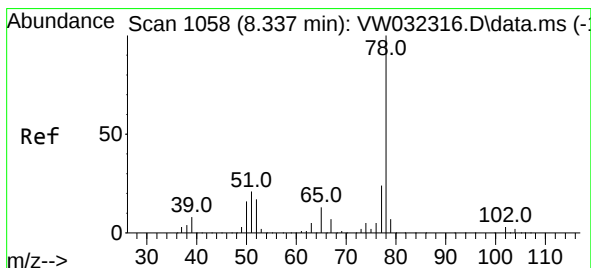
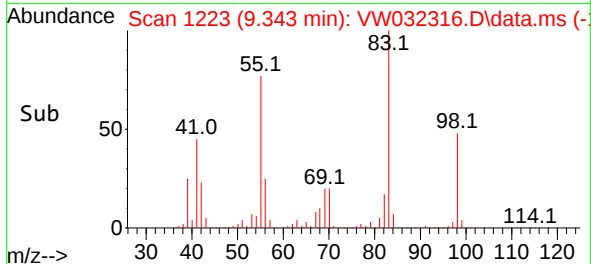
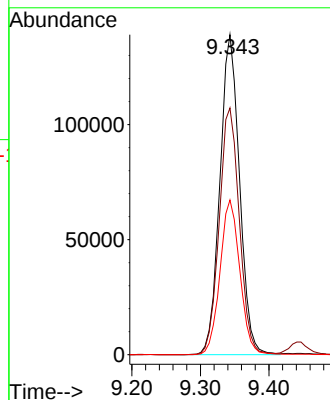
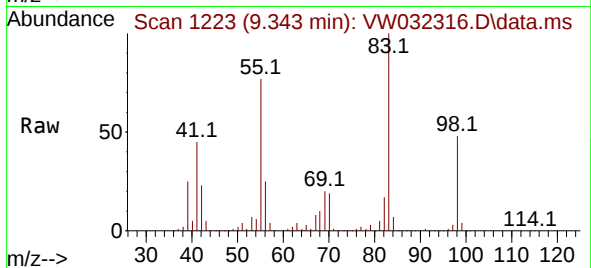
Tgt Ion: 83 Resp: 276342

Ion Ratio Lower Upper

83 100

55 77.1 58.4 87.6

98 48.4 39.4 59.2



#40

Benzene

Concen: 46.964 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032316.D

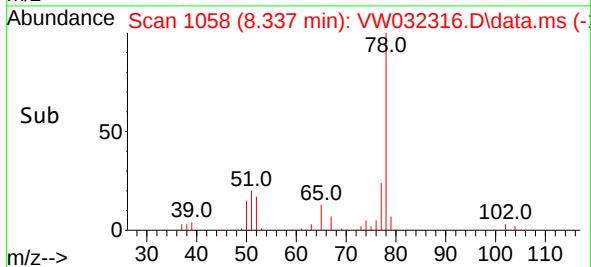
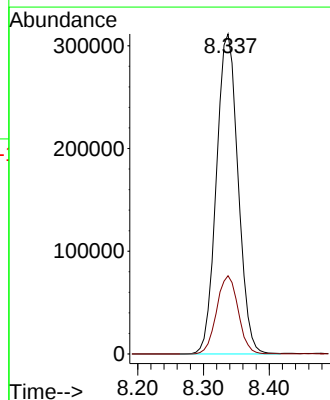
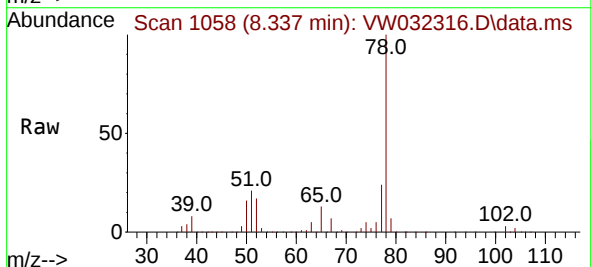
Acq: 01 Oct 2025 14:37

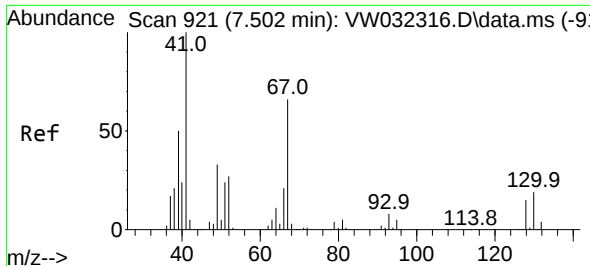
Tgt Ion: 78 Resp: 713410

Ion Ratio Lower Upper

78 100

77 24.4 20.7 31.1



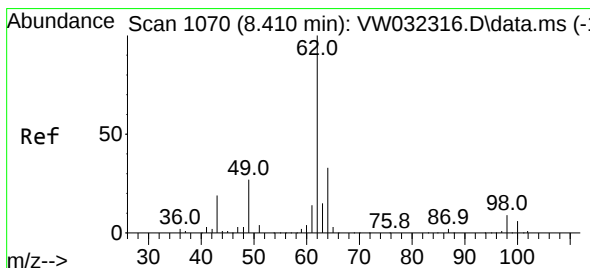
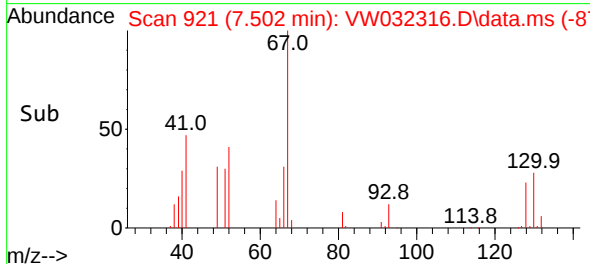
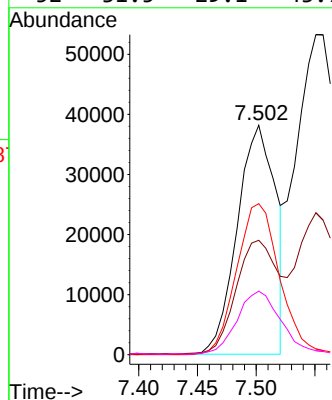
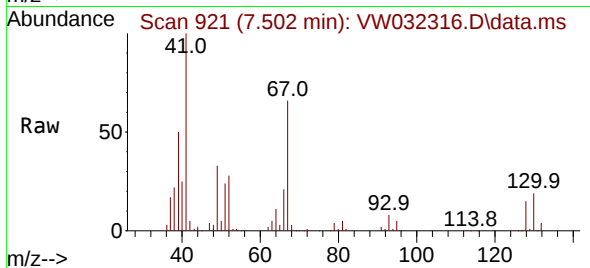


#41
Methacrylonitrile
Concen: 49.929 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 86799

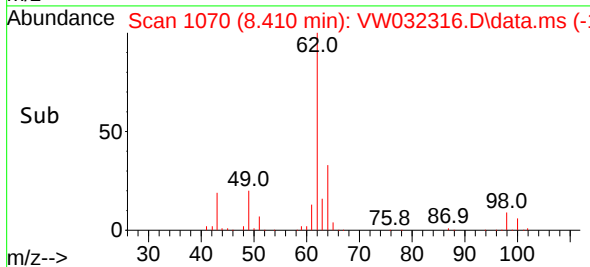
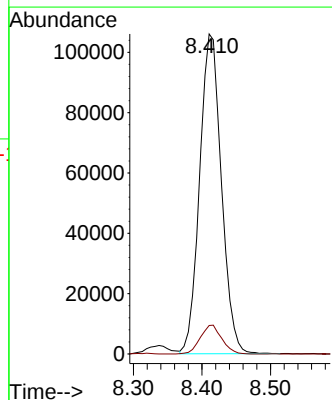
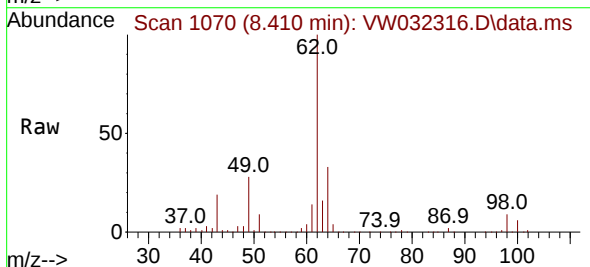
Ion	Ratio	Lower	Upper
41	100		
39	57.9	50.9	76.3
67	74.3	65.6	98.4
52	31.5	29.1	43.7

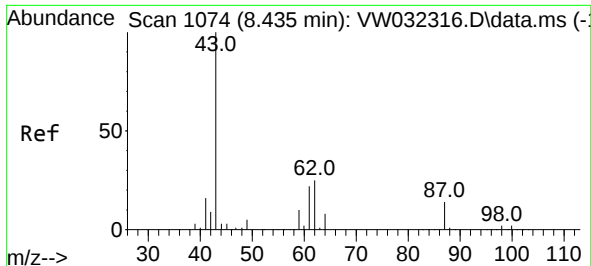


#42
1,2-Dichloroethane
Concen: 47.194 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 62 Resp: 234579

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

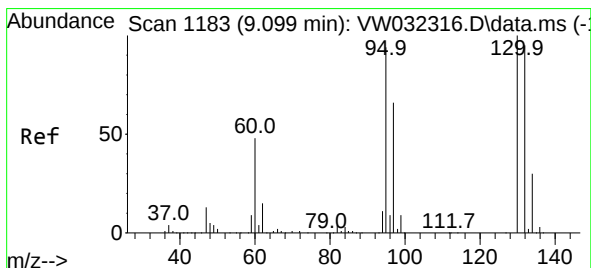
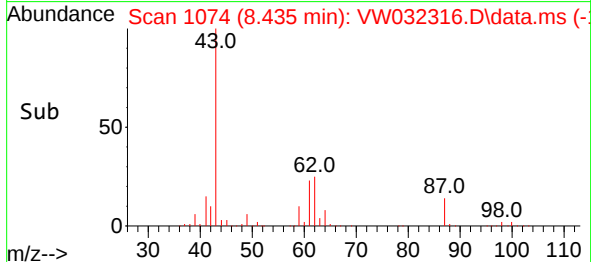
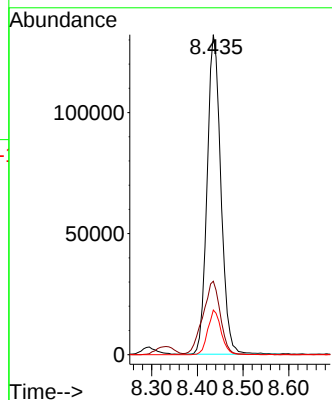
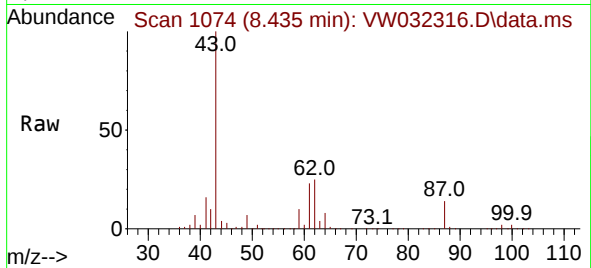




#43
Isopropyl Acetate
Concen: 48.202 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

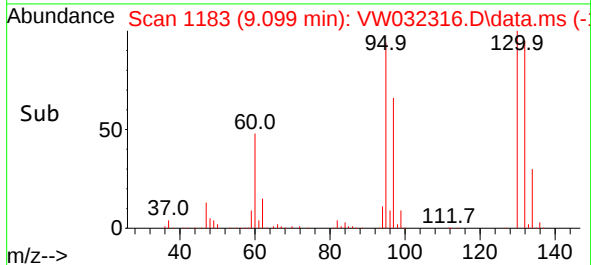
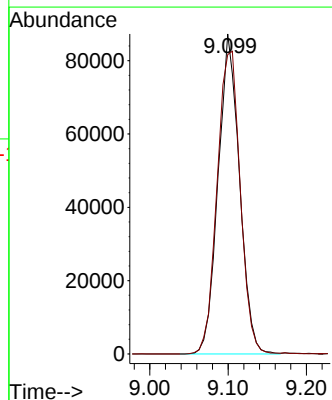
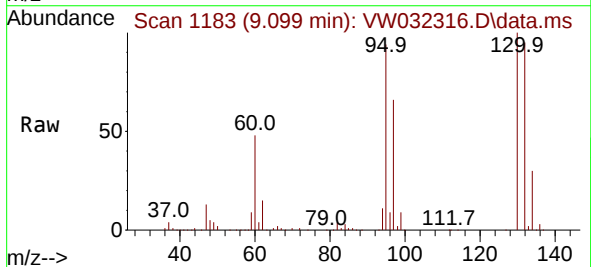
Instrument :
MSVOA_W
ClientSampleId :

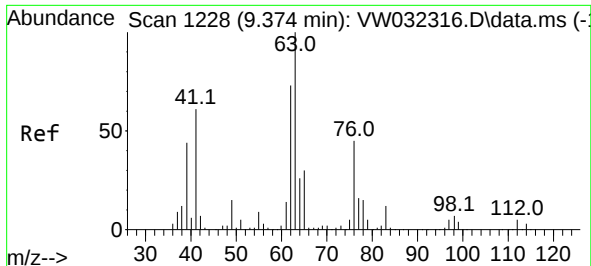
Tgt Ion: 43 Resp: 275836
Ion Ratio Lower Upper
43 100
61 29.0 23.3 34.9
87 13.6 11.1 16.7



#44
Trichloroethene
Concen: 46.519 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion:130 Resp: 165466
Ion Ratio Lower Upper
130 100
95 93.5 0.0 220.0

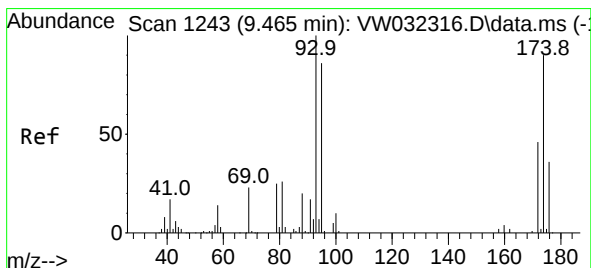
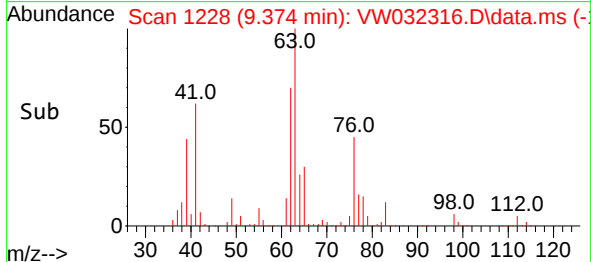
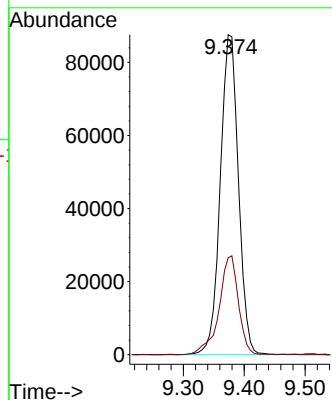
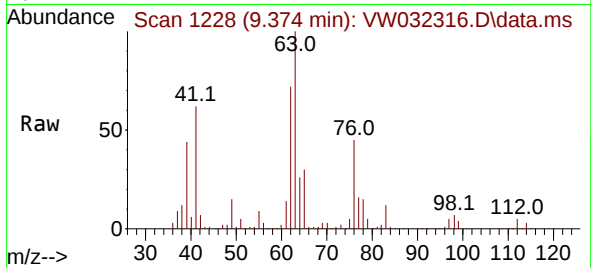




#45
1,2-Dichloropropane
Concen: 47.709 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

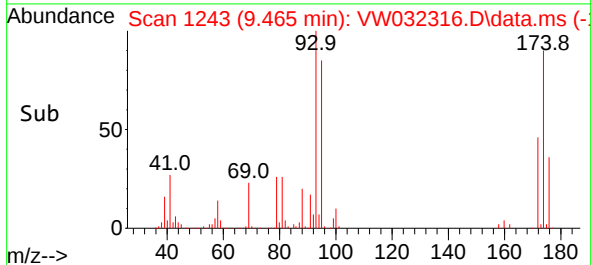
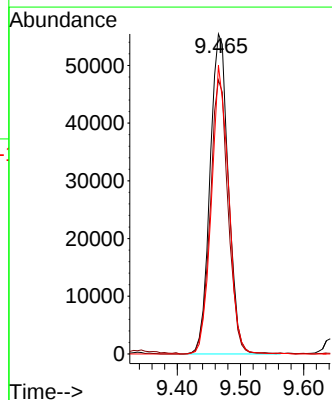
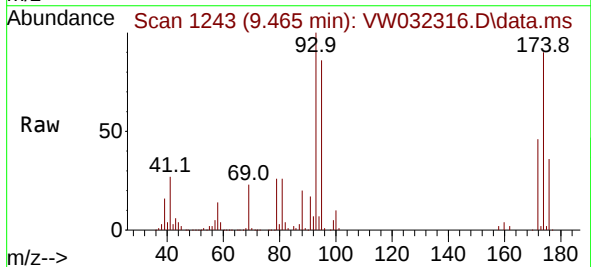
Instrument :
MSVOA_W
ClientSampleId :

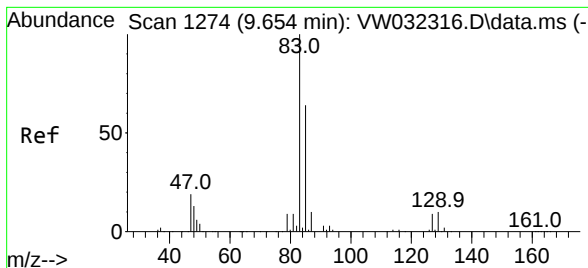
Tgt Ion: 63 Resp: 180898
Ion Ratio Lower Upper
63 100
65 30.2 24.3 36.5



#46
Dibromomethane
Concen: 47.962 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 93 Resp: 111827
Ion Ratio Lower Upper
93 100
95 83.8 67.4 101.2
174 84.5 75.7 113.5





#47

Bromodichloromethane

Concen: 47.759 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

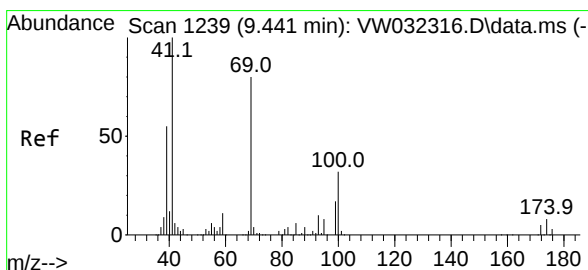
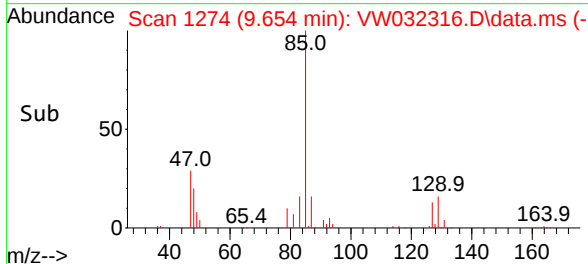
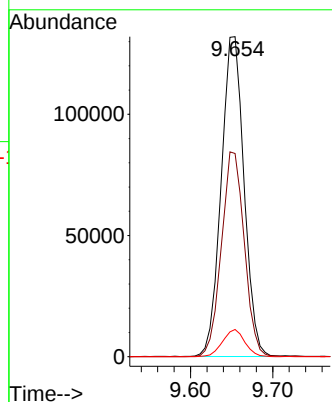
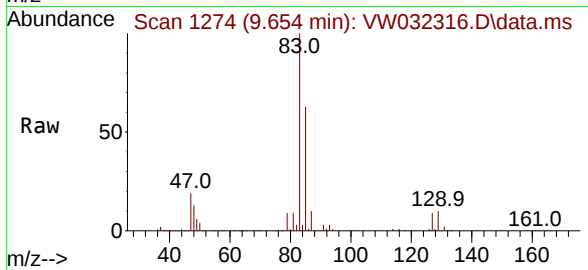
Tgt Ion: 83 Resp: 254689

Ion Ratio Lower Upper

83 100

85 63.5 48.7 73.1

127 8.5 6.4 9.6



#48

Methyl methacrylate

Concen: 49.341 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

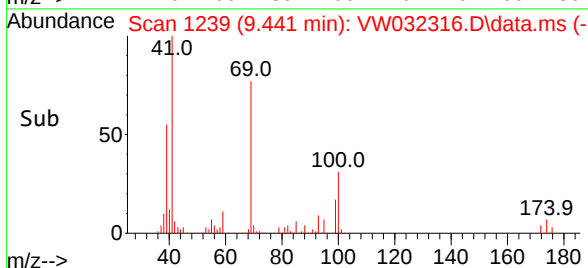
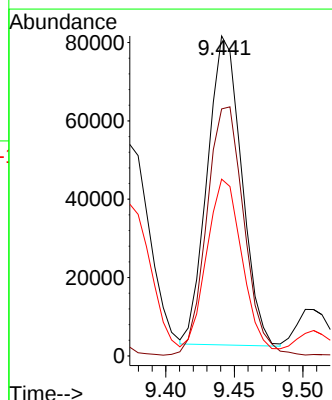
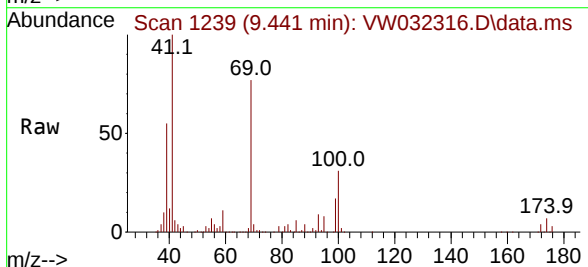
Tgt Ion: 41 Resp: 137281

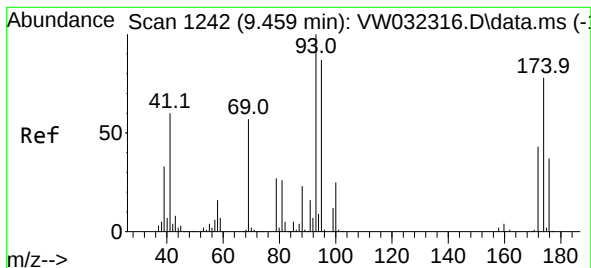
Ion Ratio Lower Upper

41 100

69 88.1 71.5 107.3

39 55.9 55.9 83.9#





#49

1,4-Dioxane

Concen: 1024.535 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

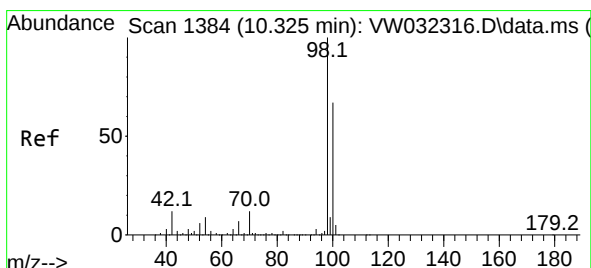
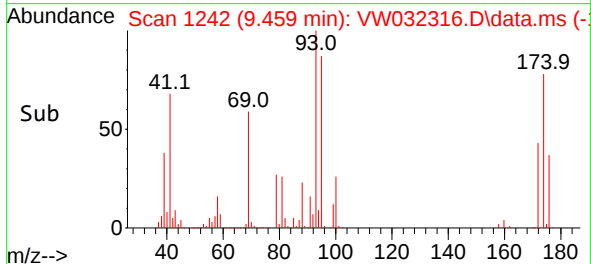
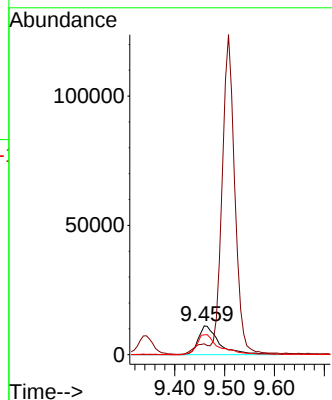
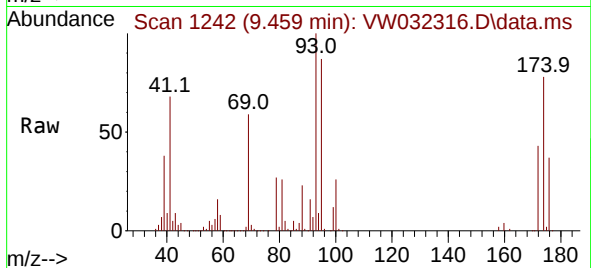
MSVOA_W

ClientSampleId :

Tgt Ion: 88 Resp: 32650

Ion Ratio Lower Upper

88	100		
43	27.4	18.0	27.0#
58	72.9	55.4	83.0



#50

Toluene-d8

Concen: 49.927 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

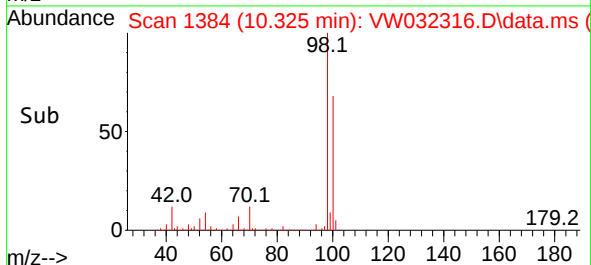
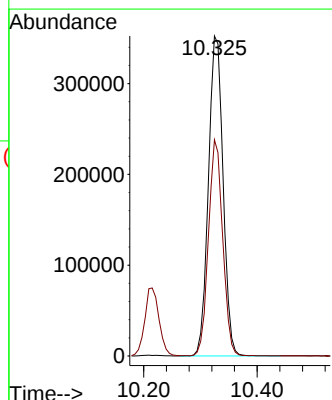
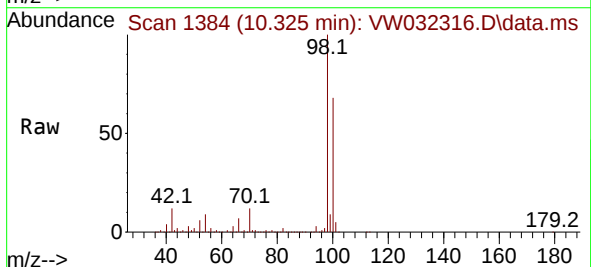
Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Tgt Ion: 98 Resp: 632778

Ion Ratio Lower Upper

98	100		
100	65.7	51.4	77.2

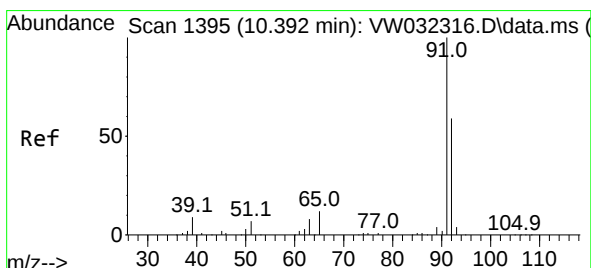
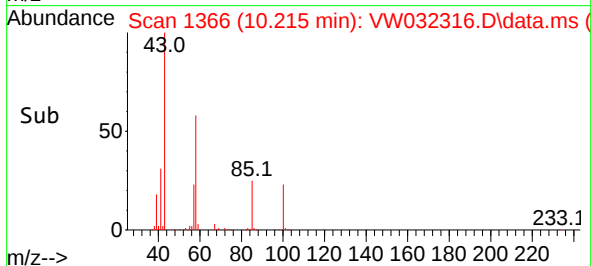
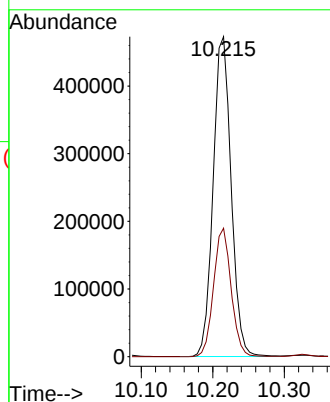
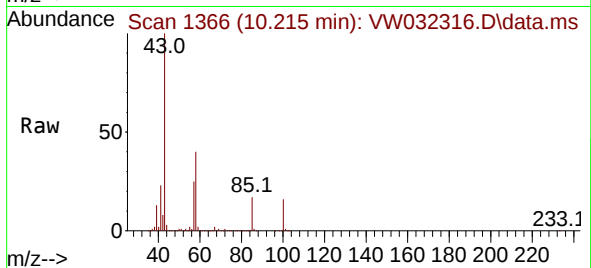




#51
4-Methyl-2-Pentanone
Concen: 249.195 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

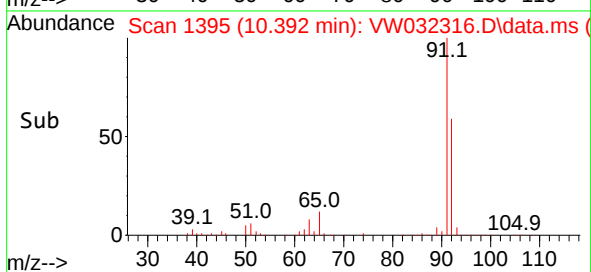
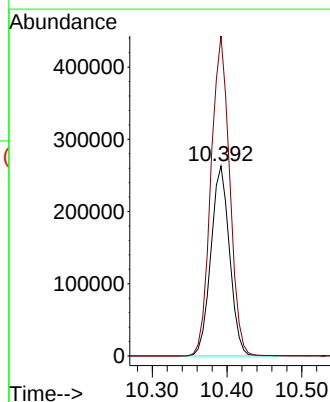
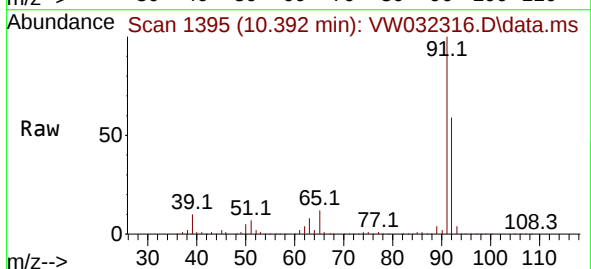
Instrument :
MSVOA_W
ClientSampleId :

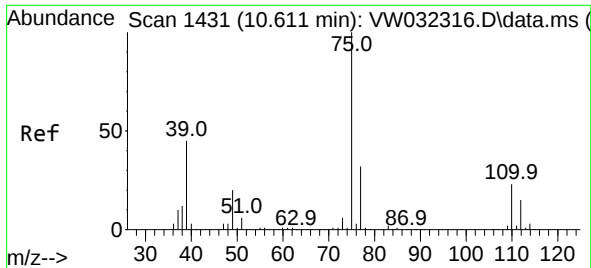
Tgt Ion: 43 Resp: 825948
Ion Ratio Lower Upper
43 100
58 39.3 32.0 48.0



#52
Toluene
Concen: 48.052 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 92 Resp: 454566
Ion Ratio Lower Upper
92 100
91 170.0 137.5 206.3

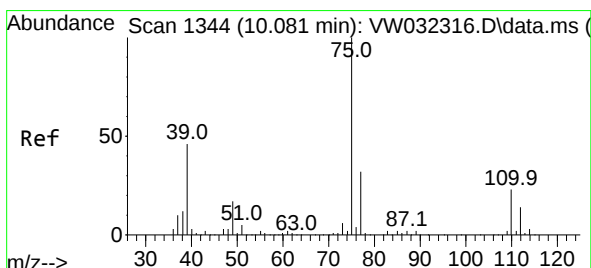
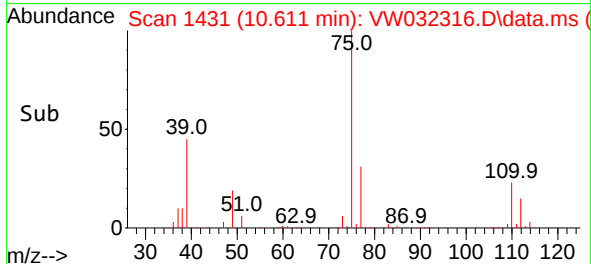
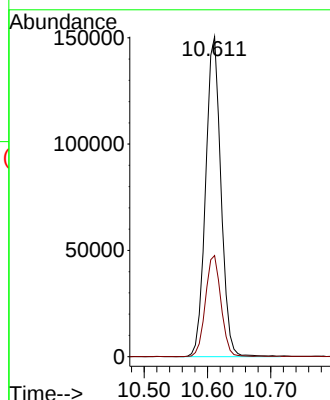
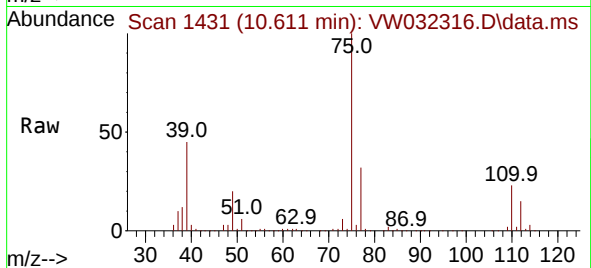




#53
 t-1,3-Dichloropropene
 Concen: 49.001 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VW032316.D
 Acq: 01 Oct 2025 14:37

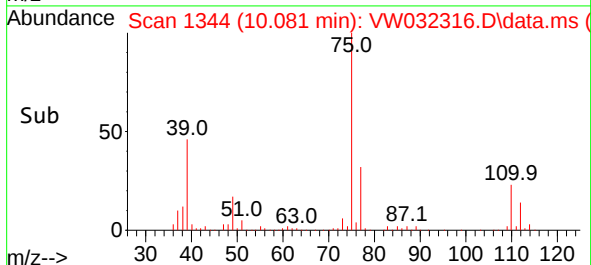
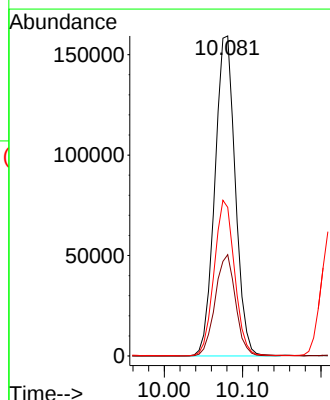
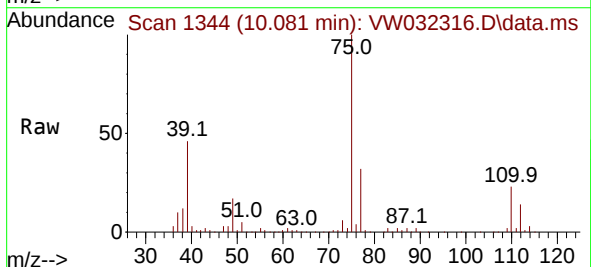
Instrument :
 MSVOA_W
 ClientSampleId :

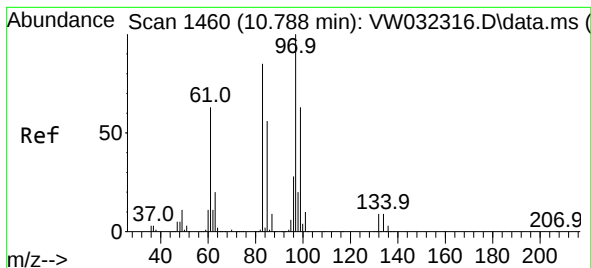
Tgt Ion: 75 Resp: 253517
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.447 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032316.D
 Acq: 01 Oct 2025 14:37

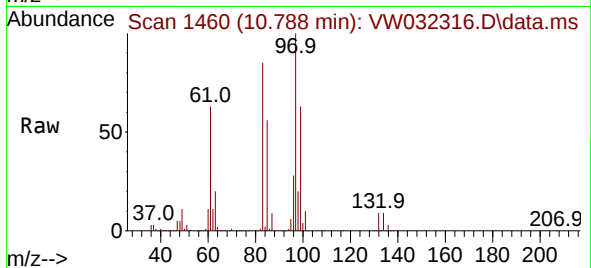
Tgt Ion: 75 Resp: 288719
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7
 39 46.4 43.2 64.8



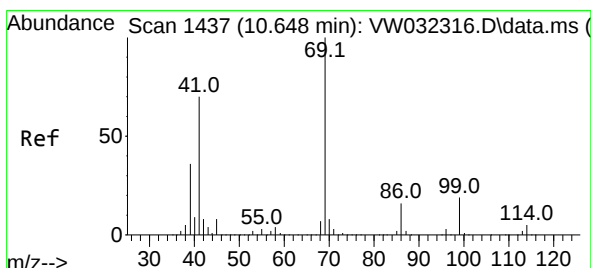
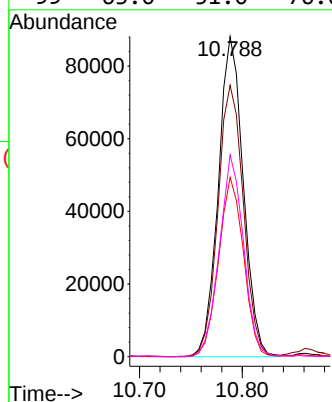
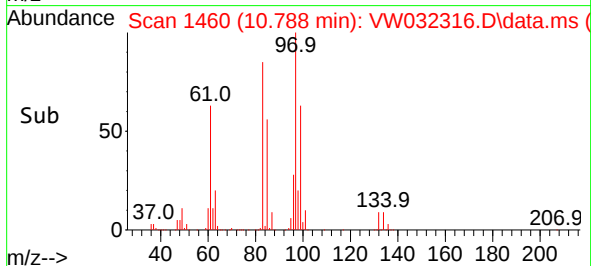


#55
1,1,2-Trichloroethane
Concen: 47.671 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

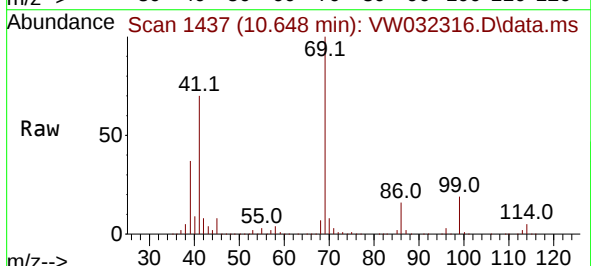
Instrument :
MSVOA_W
ClientSampleId :



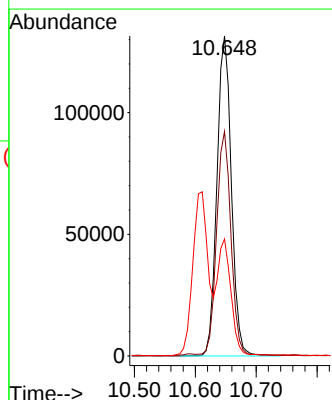
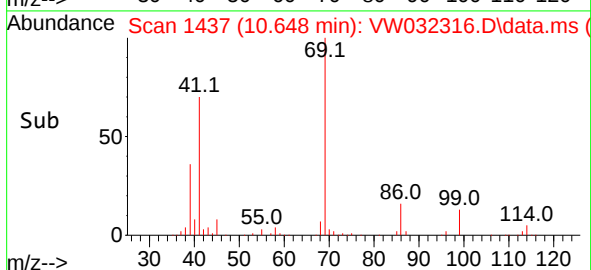
Tgt Ion:	97	Resp:	148551
Ion Ratio	100	Lower	Upper
83	84.7	71.0	106.6
85	56.0	42.8	64.2
99	63.0	51.0	76.6

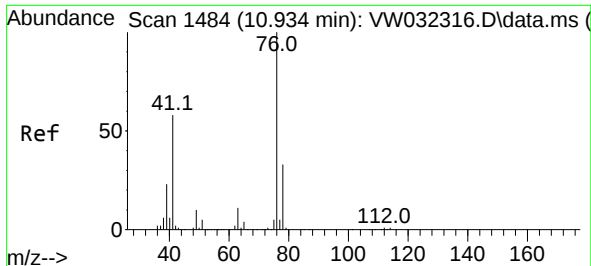


#56
Ethyl methacrylate
Concen: 49.633 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37



Tgt Ion:	69	Resp:	216484
Ion Ratio	100	Lower	Upper
41	69.2	53.2	79.8
39	34.1	32.9	49.3





#57

1,3-Dichloropropane

Concen: 47.992 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

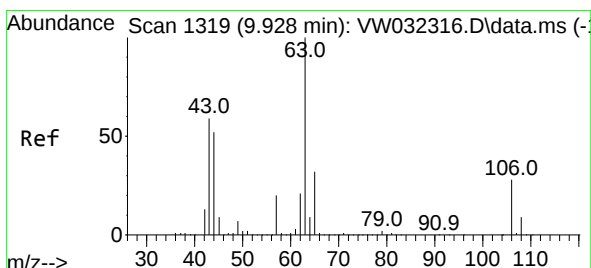
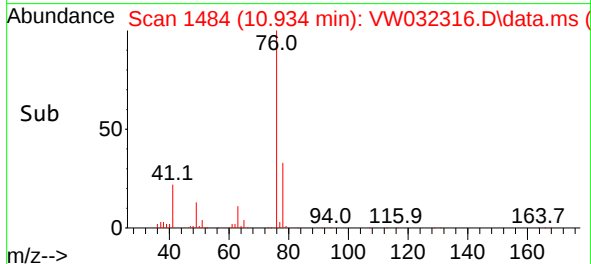
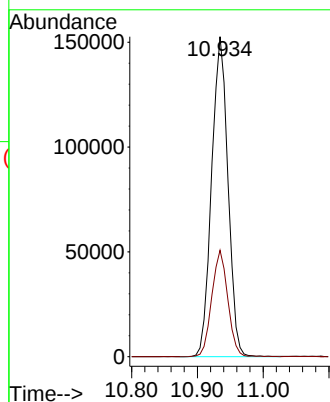
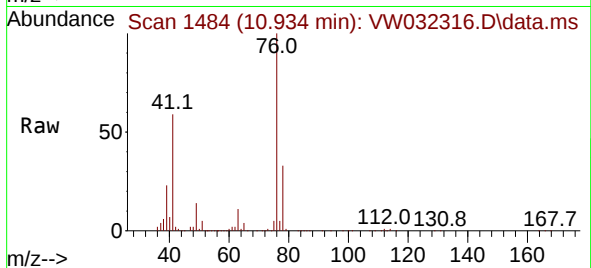
ClientSampleId :

Tgt Ion: 76 Resp: 264139

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 275.675 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032316.D

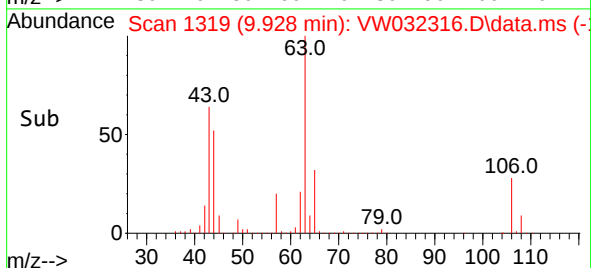
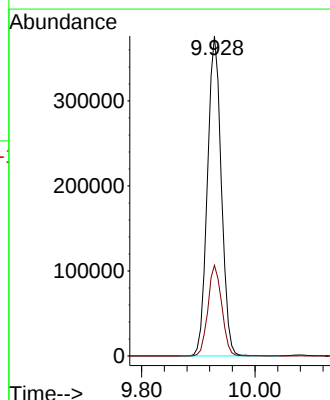
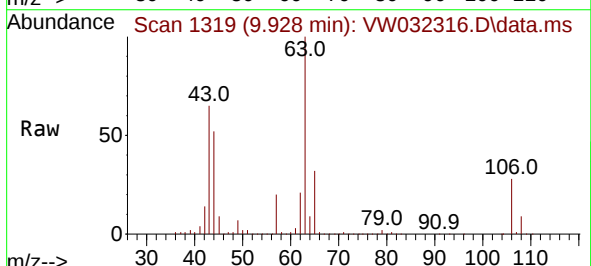
Acq: 01 Oct 2025 14:37

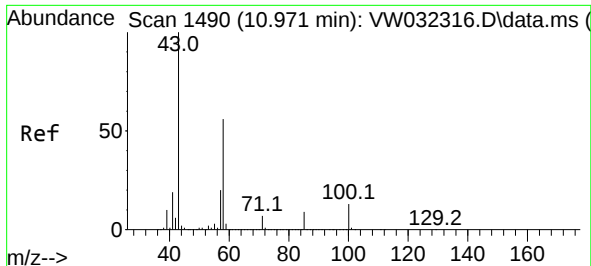
Tgt Ion: 63 Resp: 639919

Ion Ratio Lower Upper

63 100

106 28.1 24.3 36.5

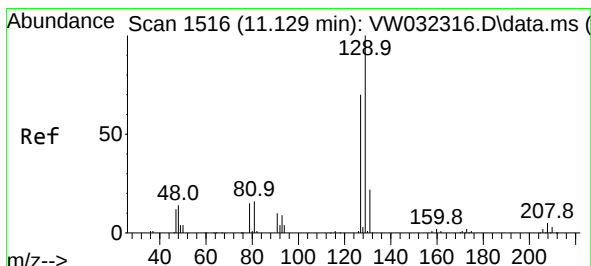
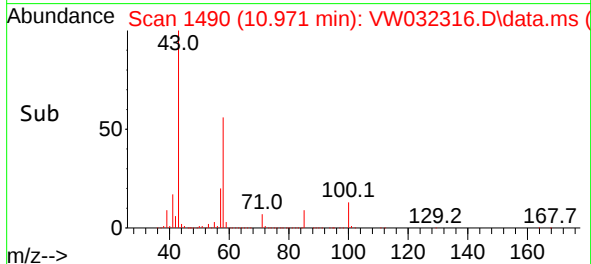
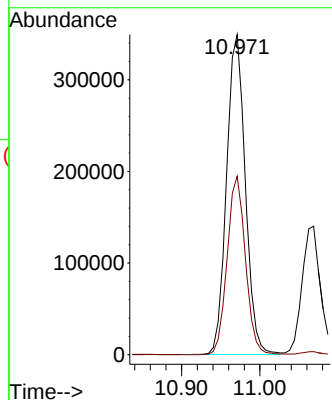
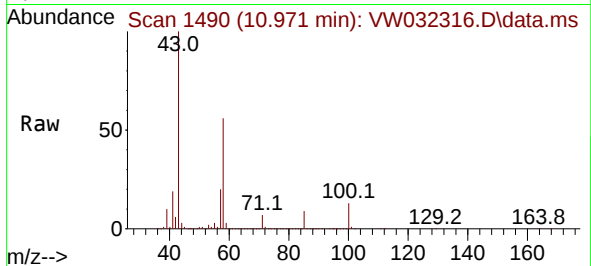




#59
2-Hexanone
Concen: 248.758 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

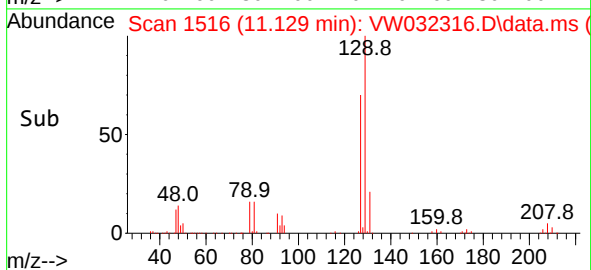
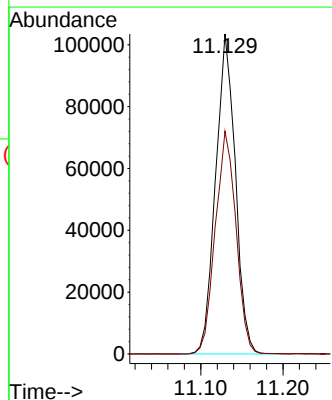
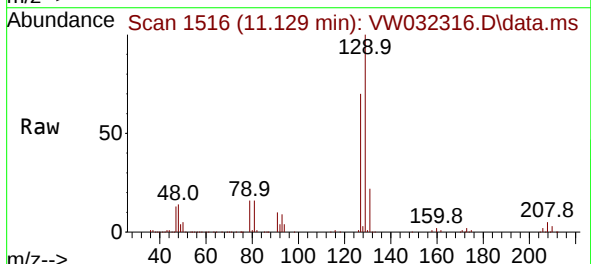
Instrument :
MSVOA_W
ClientSampleId :

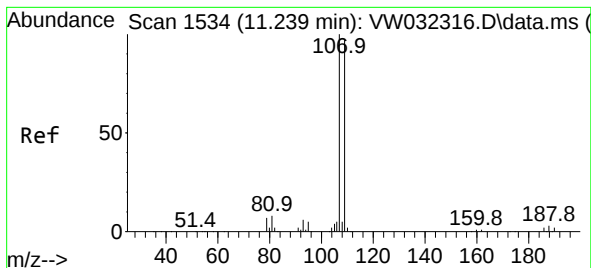
Tgt Ion: 43 Resp: 581510
Ion Ratio Lower Upper
43 100
58 54.4 27.5 82.4



#60
Dibromochloromethane
Concen: 48.878 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

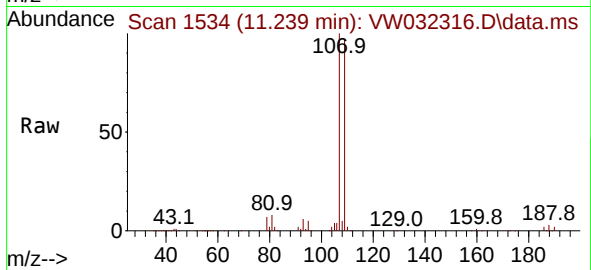
Tgt Ion:129 Resp: 172945
Ion Ratio Lower Upper
129 100
127 73.1 38.1 114.5



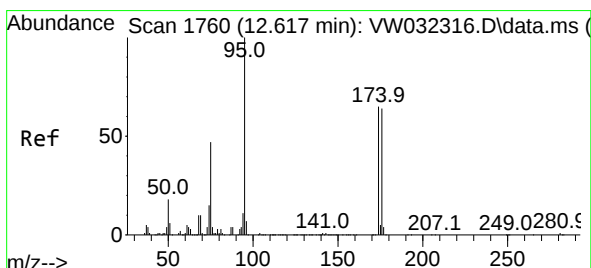
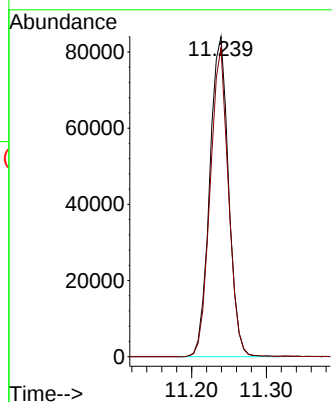
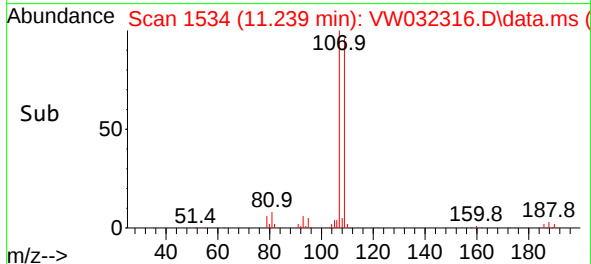


#61
1,2-Dibromoethane
Concen: 48.427 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

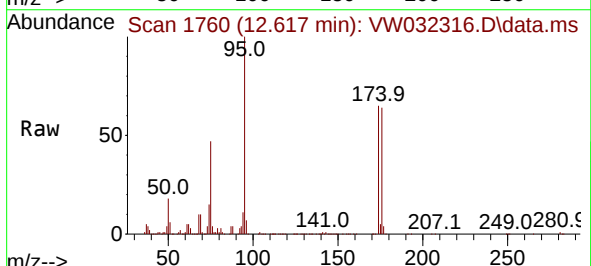
Instrument :
MSVOA_W
ClientSampleId :



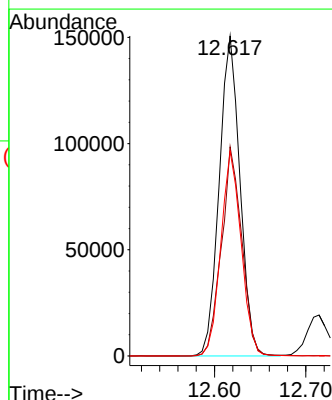
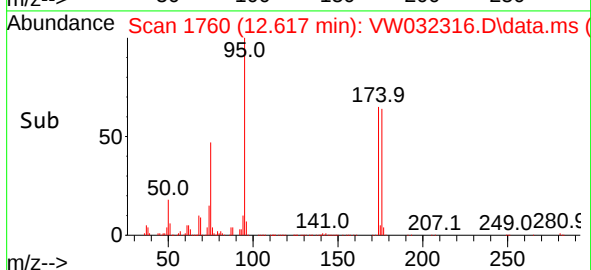
Tgt Ion:107 Resp: 147146
Ion Ratio Lower Upper
107 100
109 93.5 74.5 111.7

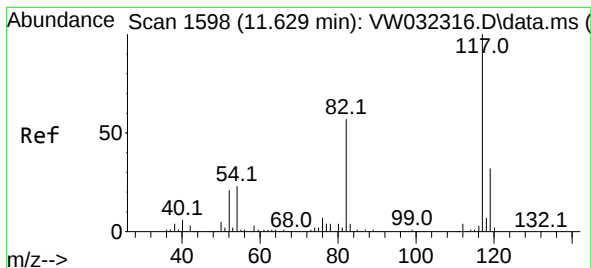


#62
4-Bromofluorobenzene
Concen: 49.609 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37



Tgt Ion: 95 Resp: 237645
Ion Ratio Lower Upper
95 100
174 64.4 0.0 145.6
176 62.8 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

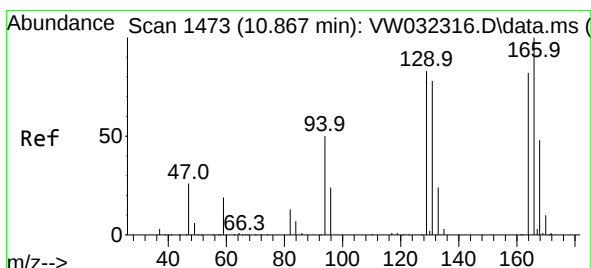
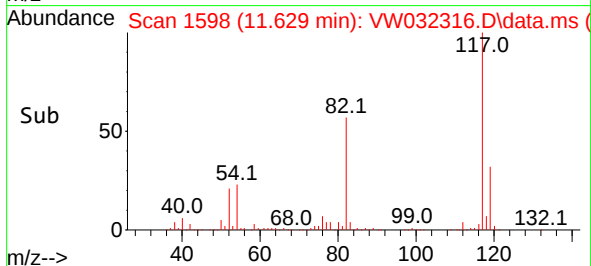
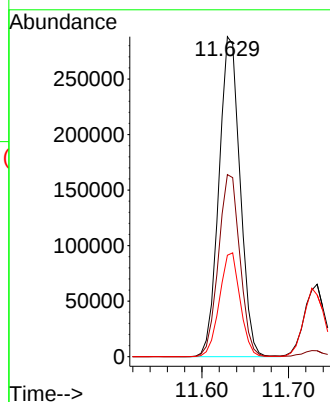
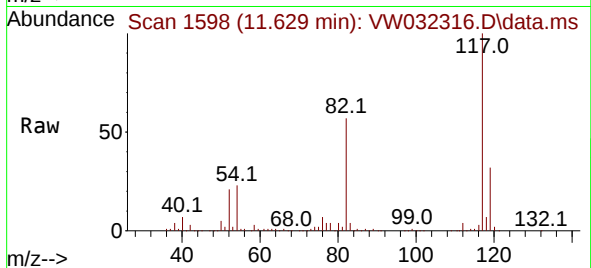
Tgt Ion:117 Resp: 489049

Ion Ratio Lower Upper

117 100

82 56.9 42.7 64.1

119 31.7 25.2 37.8



#64

Tetrachloroethene

Concen: 46.522 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Tgt Ion:164 Resp: 136139

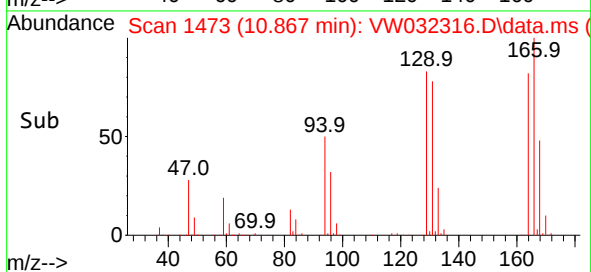
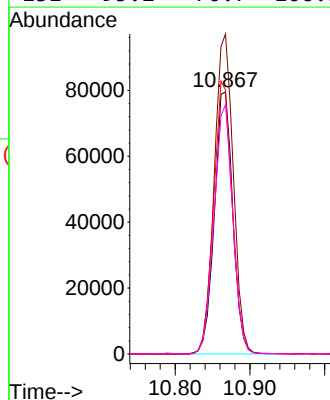
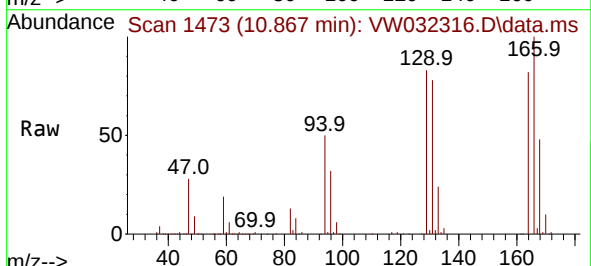
Ion Ratio Lower Upper

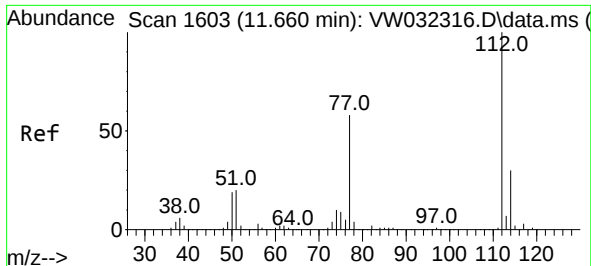
164 100

166 122.1 97.5 146.3

129 100.8 71.2 106.8

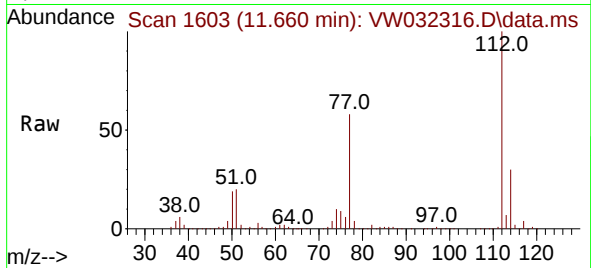
131 95.2 70.7 106.1



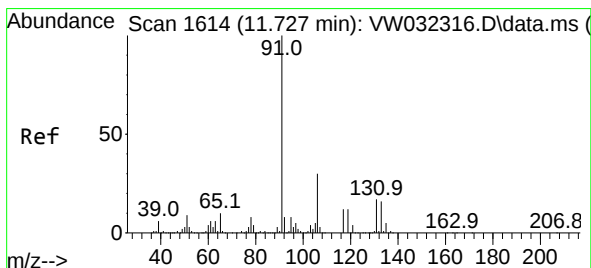
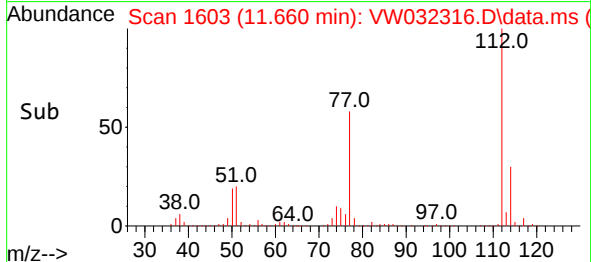
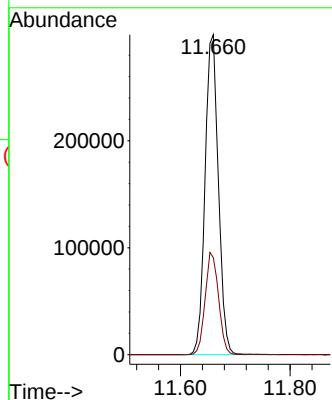


#65
Chlorobenzene
Concen: 46.707 ug/l
RT: 11.660 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Instrument :
MSVOA_W
ClientSampleId :

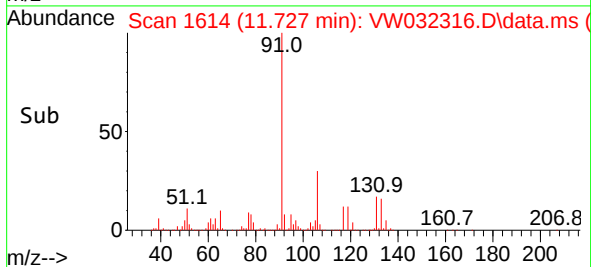
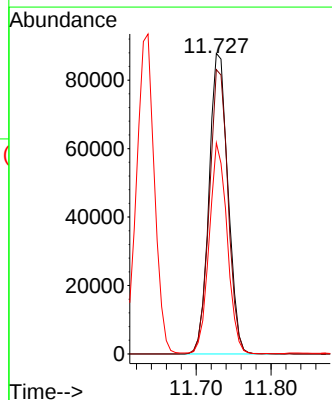
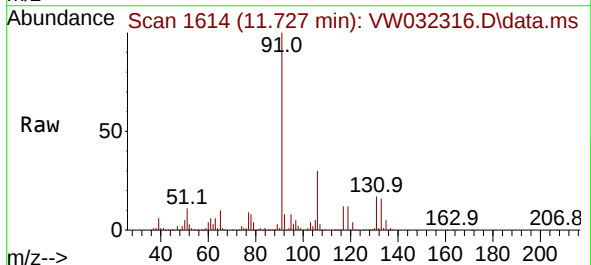


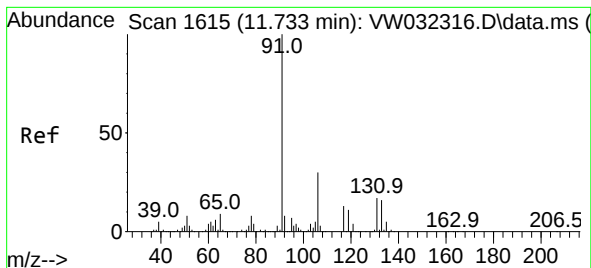
Tgt Ion:112 Resp: 502586
Ion Ratio Lower Upper
112 100
114 30.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 46.199 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion:131 Resp: 154835
Ion Ratio Lower Upper
131 100
133 93.4 47.7 143.1
119 66.6 32.8 98.3

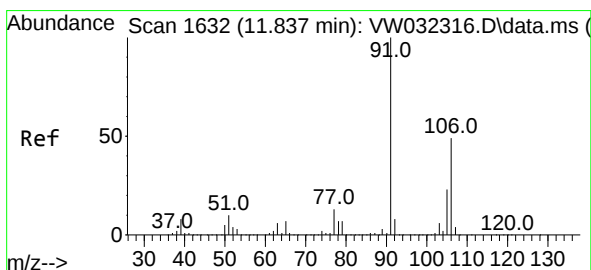
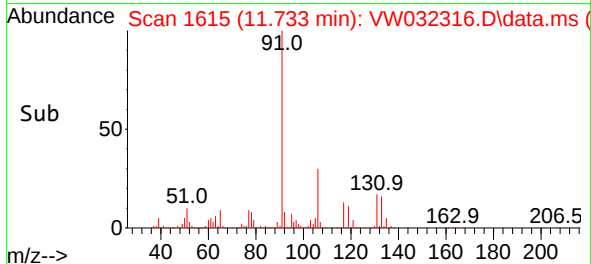
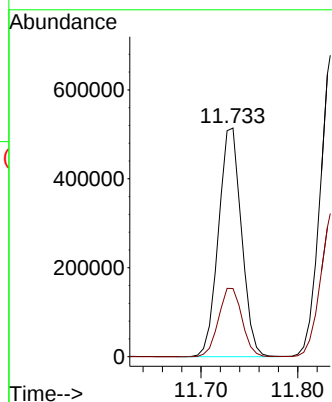
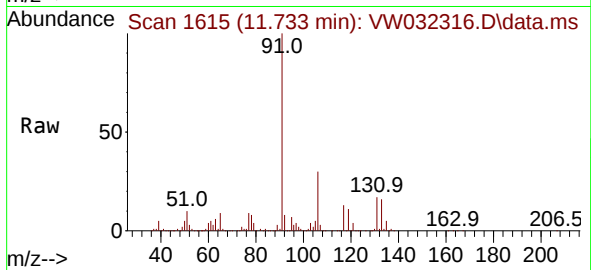




#67
Ethyl Benzene
Concen: 47.287 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

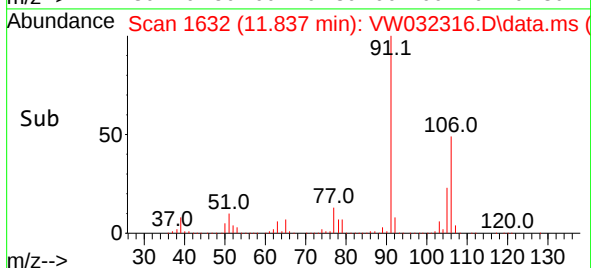
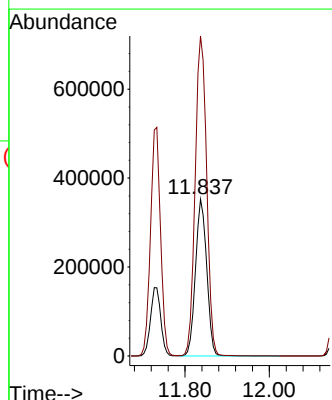
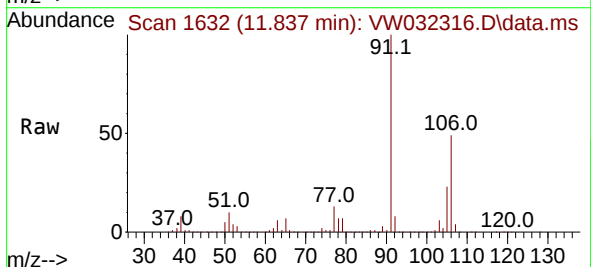
Instrument :
MSVOA_W
ClientSampleId :

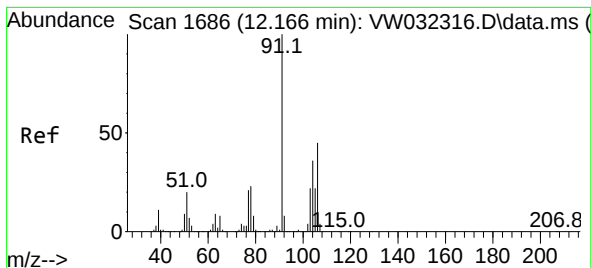
Tgt Ion: 91 Resp: 848140
Ion Ratio Lower Upper
91 100
106 29.8 25.3 37.9



#68
m/p-Xylenes
Concen: 94.476 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion:106 Resp: 653426
Ion Ratio Lower Upper
106 100
91 208.4 164.2 246.2

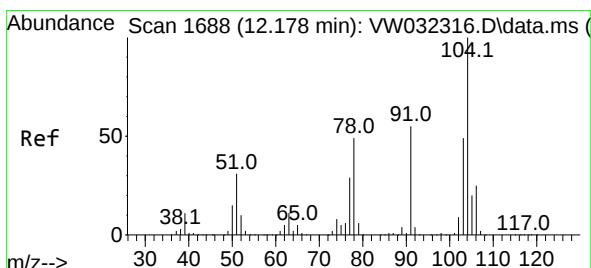
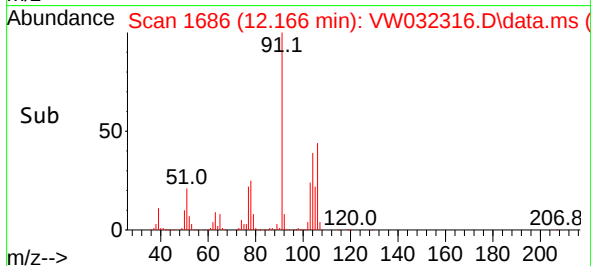
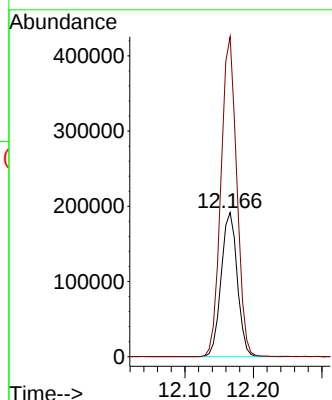
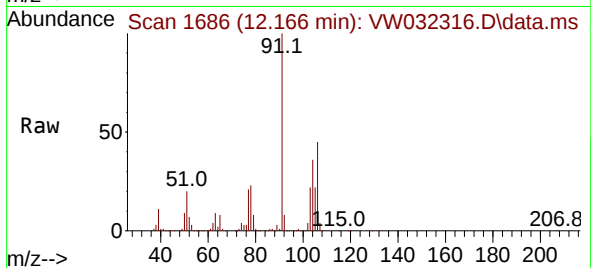




#69
o-Xylene
Concen: 48.200 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

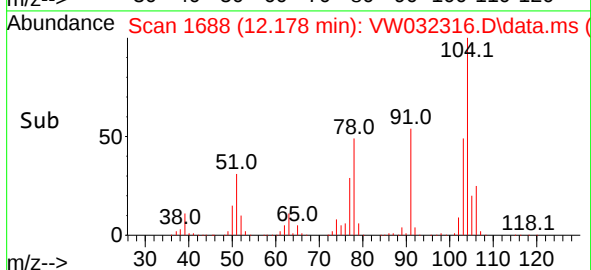
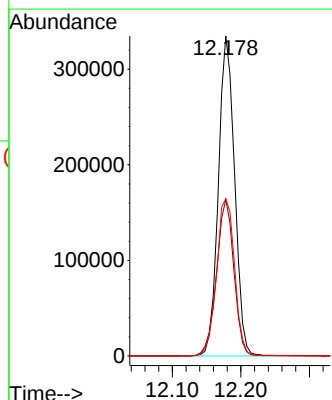
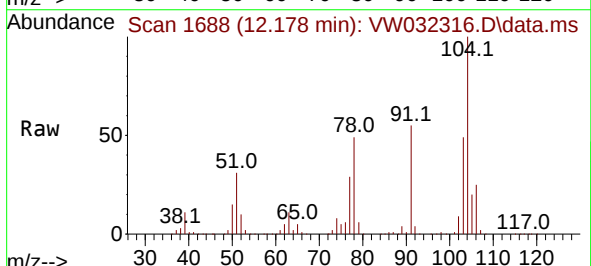
Instrument :
MSVOA_W
ClientSampleId :

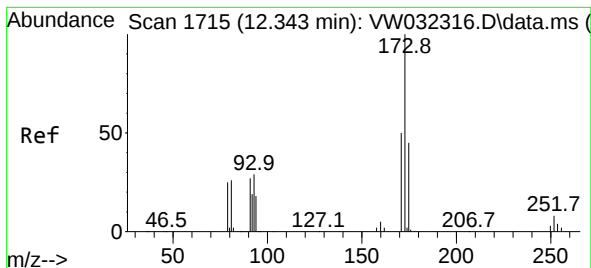
Tgt Ion:106 Resp: 311759
Ion Ratio Lower Upper
106 100
91 218.0 108.7 326.3



#70
Styrene
Concen: 48.664 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion:104 Resp: 549550
Ion Ratio Lower Upper
104 100
78 52.4 41.6 62.4
103 54.5 44.8 67.2





#71

Bromoform

Concen: 48.043 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032316.D

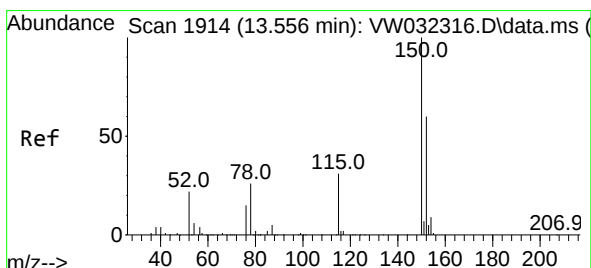
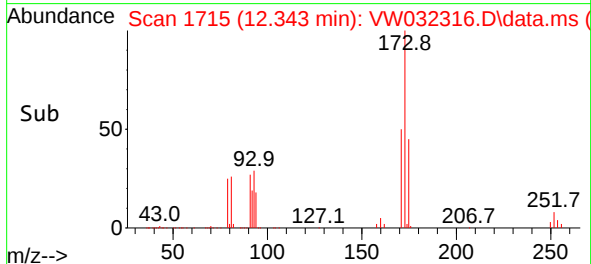
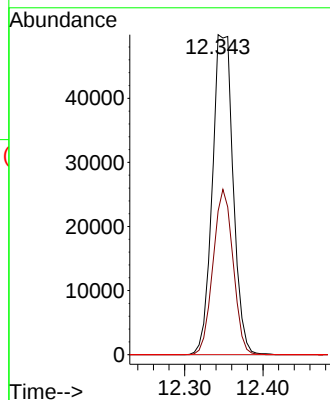
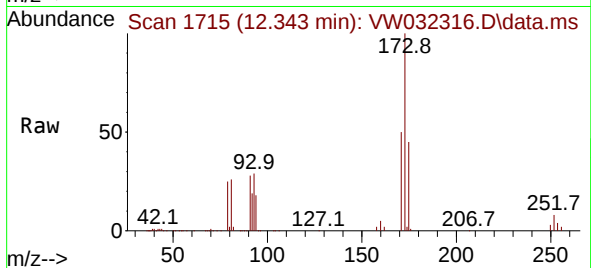
Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	92293
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.9 74.7
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

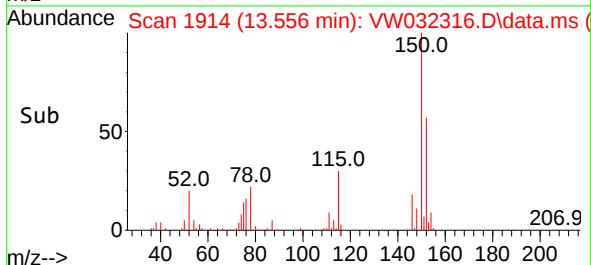
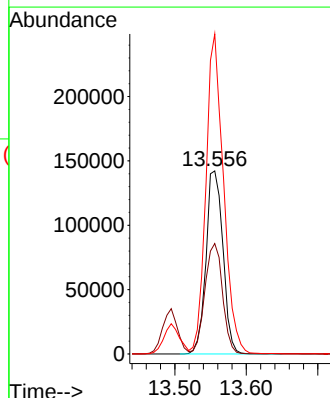
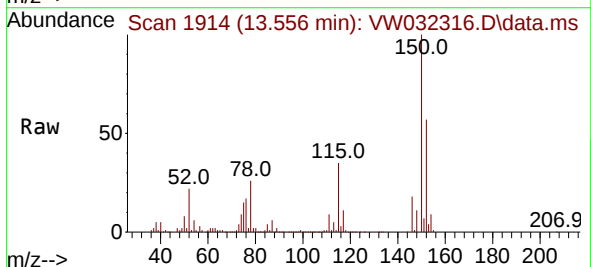
RT: 13.556 min Scan# 1914

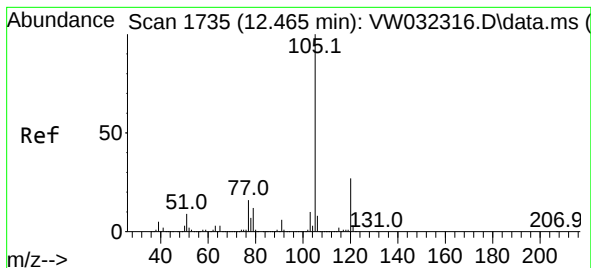
Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Tgt Ion:152	Resp:	234466
Ion Ratio	Lower	Upper
152	100	
115	62.5	31.8 95.4
150	180.7	0.0 343.0

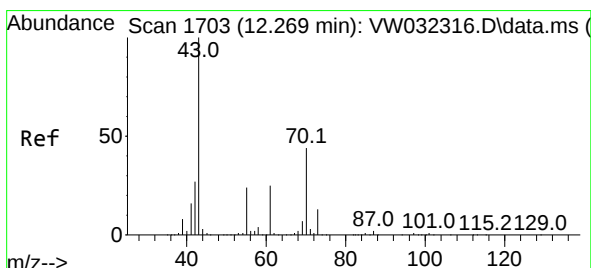
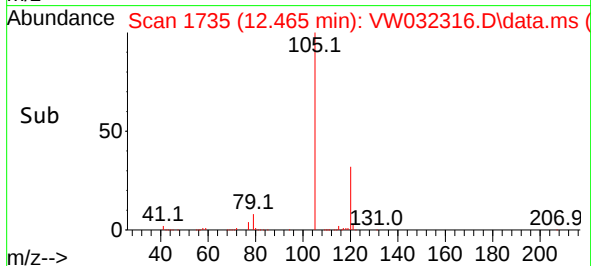
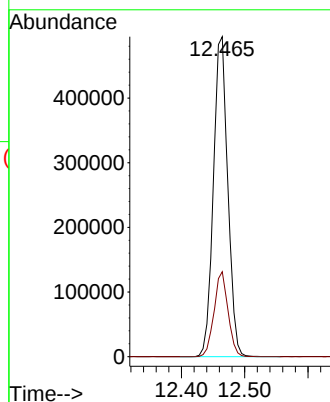
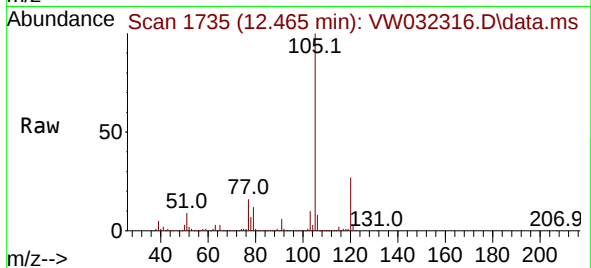




#73
Isopropylbenzene
Concen: 48.634 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

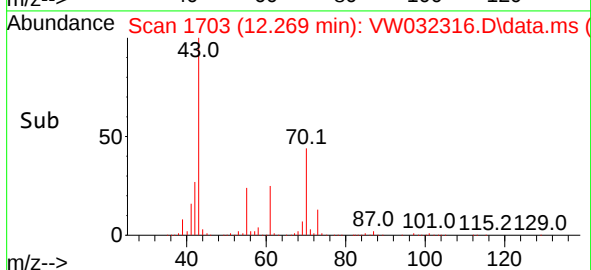
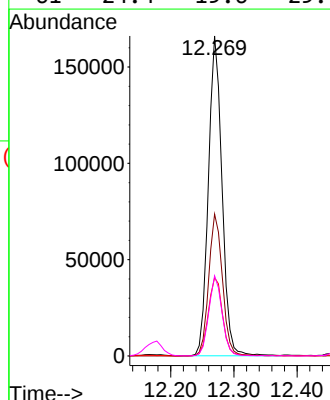
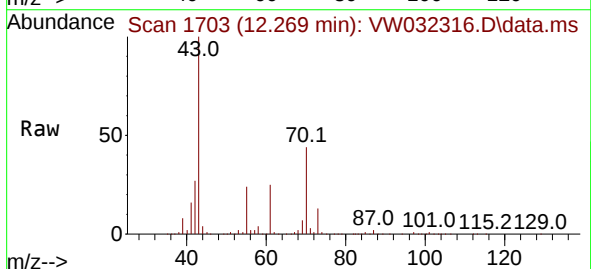
Instrument :
MSVOA_W
ClientSampleId :

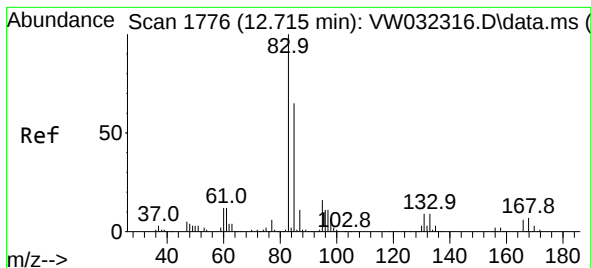
Tgt Ion:105 Resp: 780146
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 48.711 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 43 Resp: 249273
Ion Ratio Lower Upper
43 100
70 44.8 35.3 52.9
55 25.7 19.9 29.9
61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.568 ug/l

RT: 12.715 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

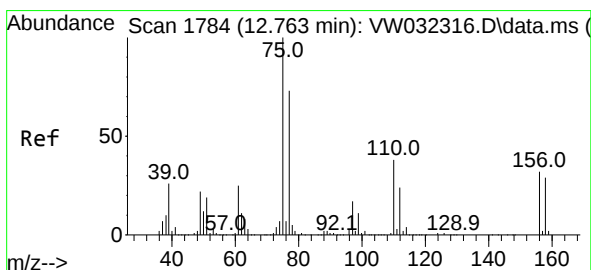
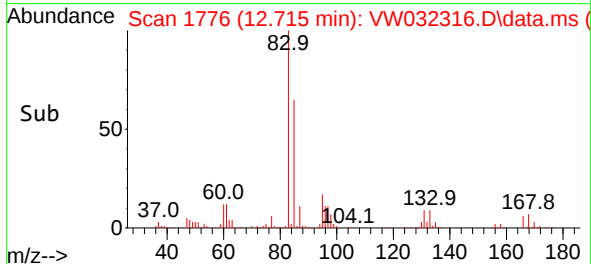
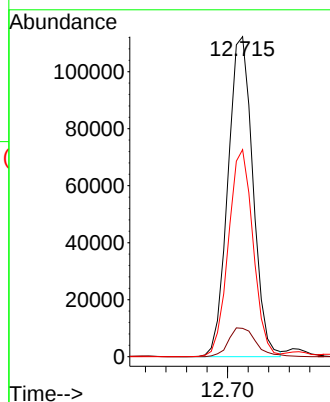
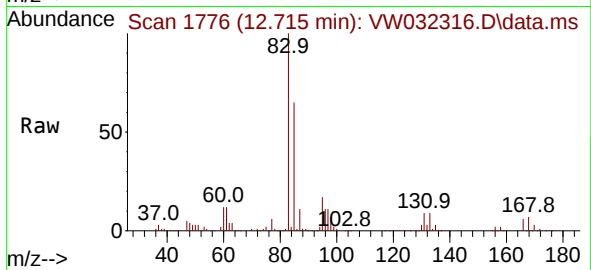
Tgt Ion: 83 Resp: 189461

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 64.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 78.478 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW032316.D

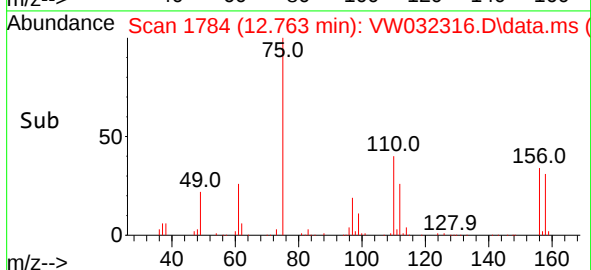
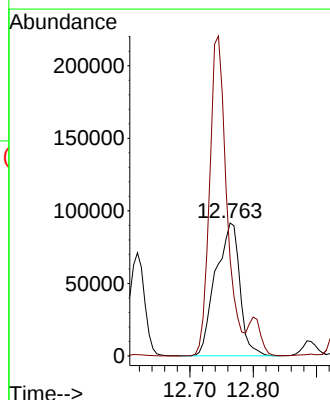
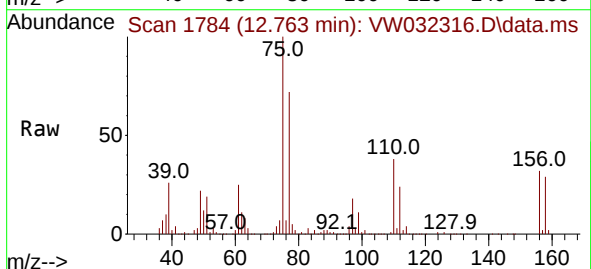
Acq: 01 Oct 2025 14:37

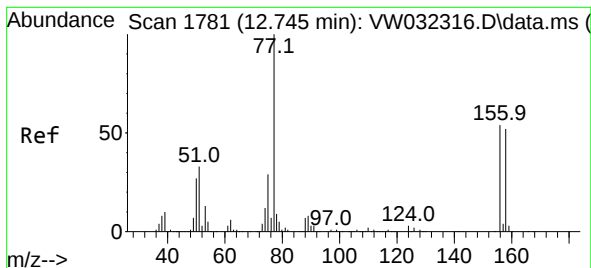
Tgt Ion: 75 Resp: 242808

Ion Ratio Lower Upper

75 100

77 172.1 141.7 425.1





#77

Bromobenzene

Concen: 49.560 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

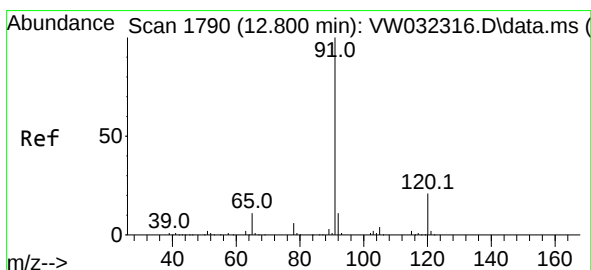
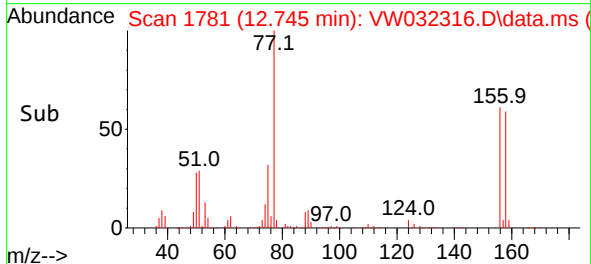
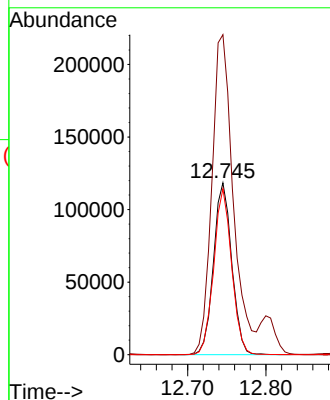
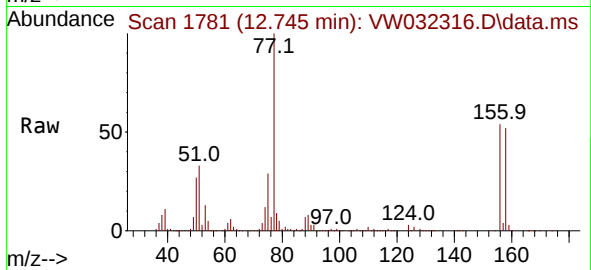
Tgt Ion:156 Resp: 191637

Ion Ratio Lower Upper

156 100

77 218.1 98.6 295.7

158 94.8 48.4 145.0



#78

n-propylbenzene

Concen: 47.974 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032316.D

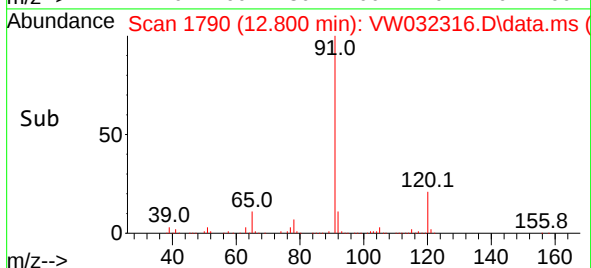
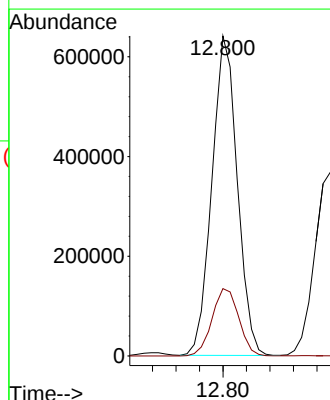
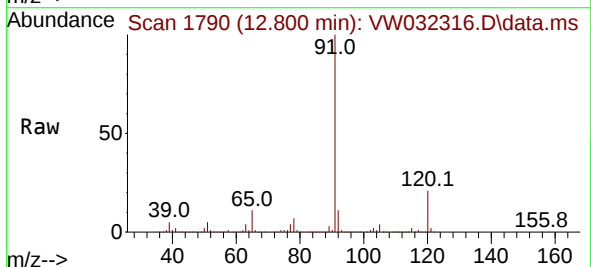
Acq: 01 Oct 2025 14:37

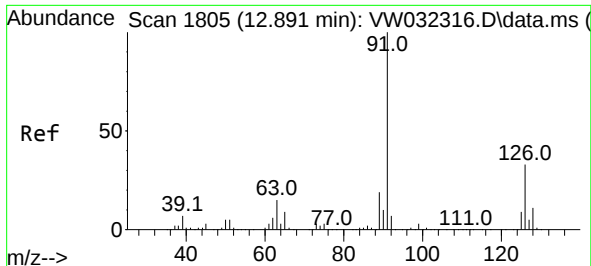
Tgt Ion: 91 Resp: 961286

Ion Ratio Lower Upper

91 100

120 22.2 11.8 35.4

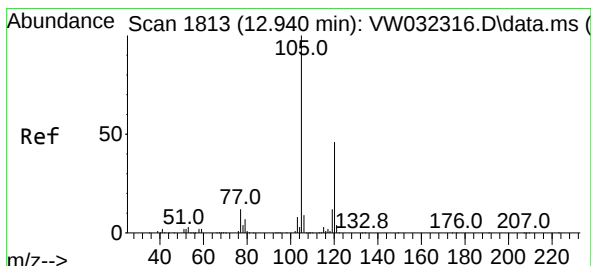
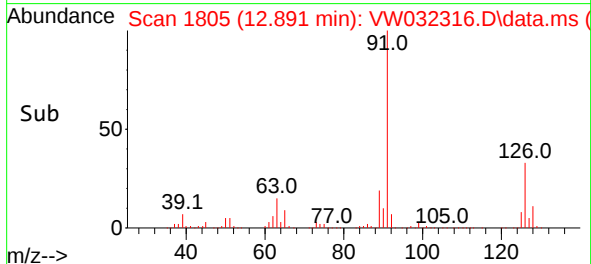
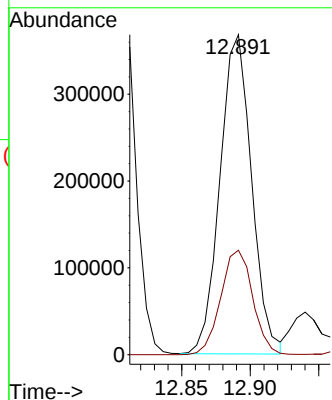
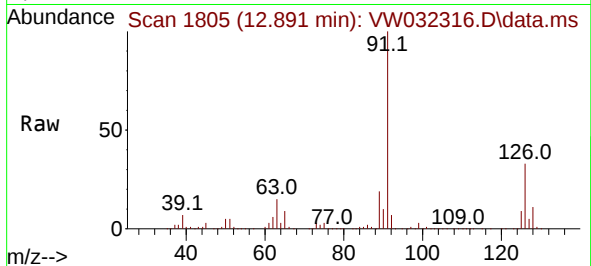




#79
2-Chlorotoluene
Concen: 48.227 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

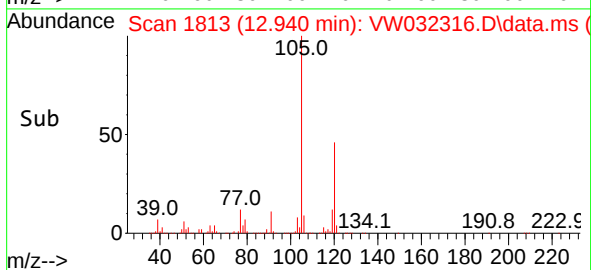
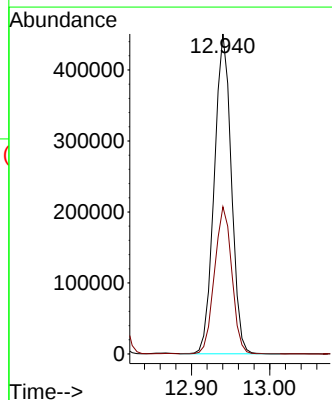
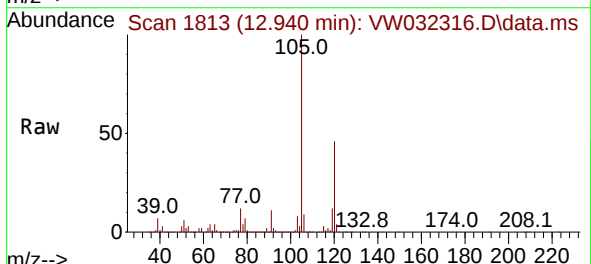
Instrument :
MSVOA_W
ClientSampleId :

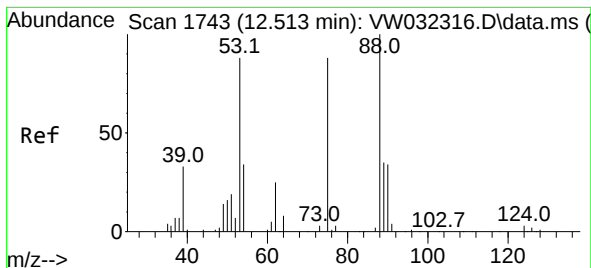
Tgt Ion: 91 Resp: 590868
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 49.221 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 105 Resp: 682722
Ion Ratio Lower Upper
105 100
120 46.6 24.8 74.4

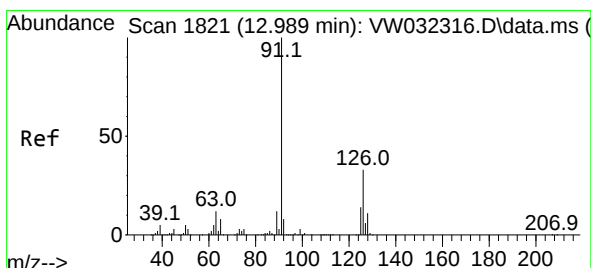
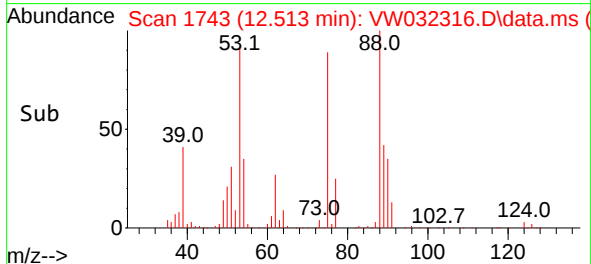
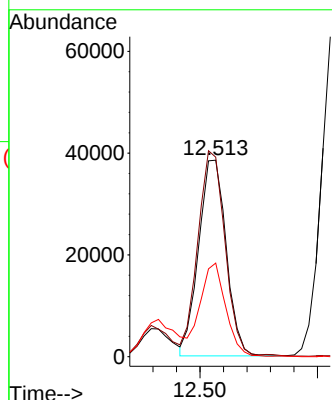
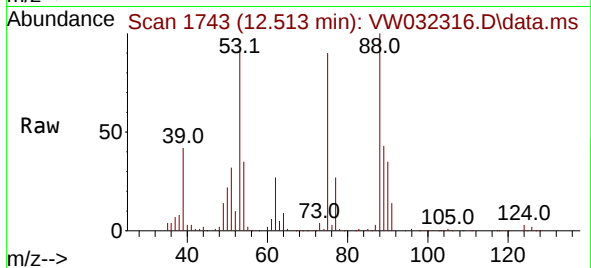




#81
trans-1,4-Dichloro-2-butene
Concen: 51.537 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

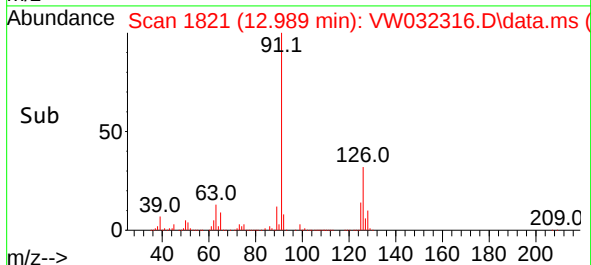
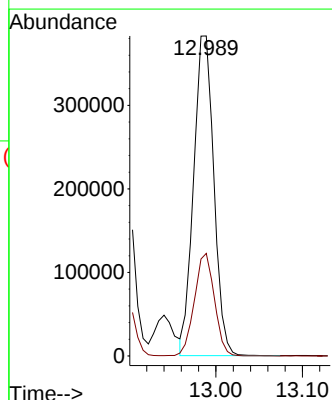
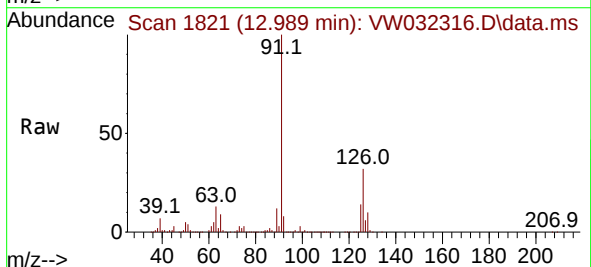
Instrument :
MSVOA_W
ClientSampleId :

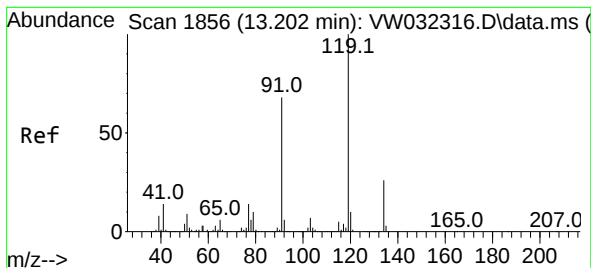
Tgt Ion: 75 Resp: 62771
Ion Ratio Lower Upper
75 100
53 103.9 91.0 136.6
89 43.6 39.4 59.2



#82
4-Chlorotoluene
Concen: 47.694 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032316.D
Acq: 01 Oct 2025 14:37

Tgt Ion: 91 Resp: 621247
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.2





#83

tert-Butylbenzene

Concen: 48.551 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

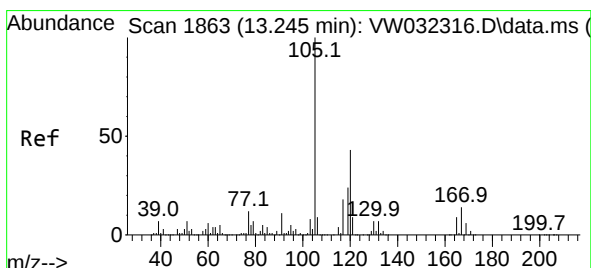
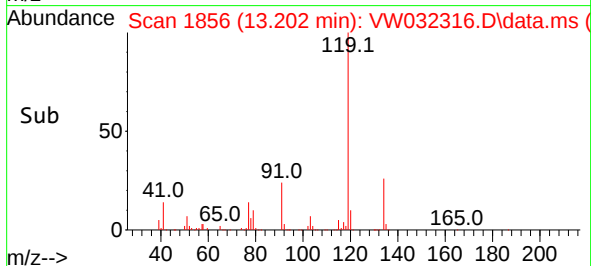
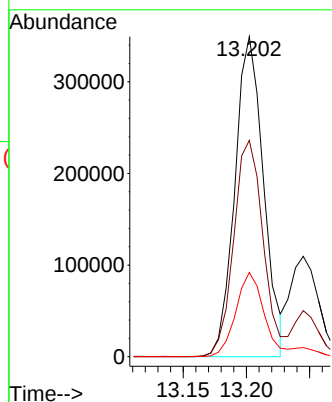
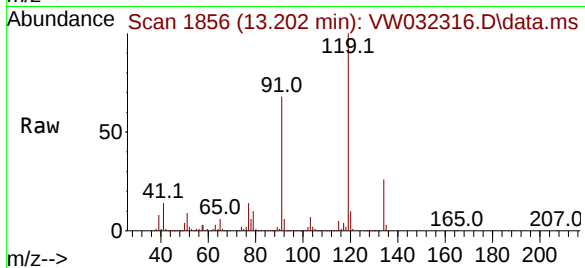
Tgt Ion:119 Resp: 552559

Ion Ratio Lower Upper

119 100

91 68.6 33.8 101.3

134 25.8 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 49.283 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032316.D

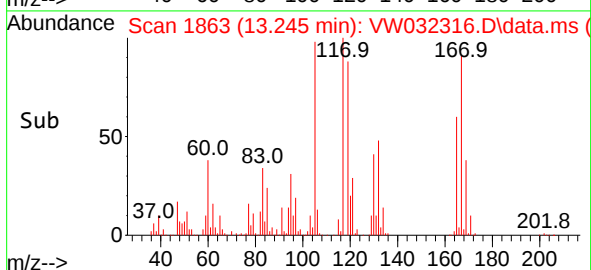
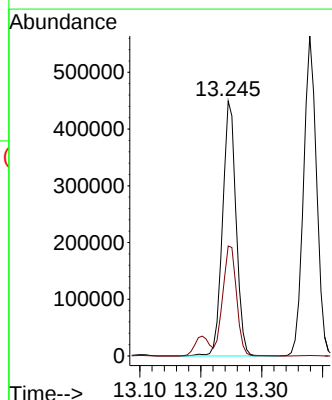
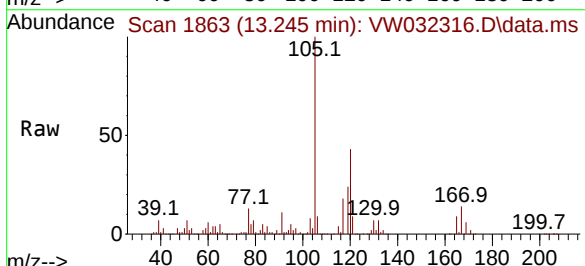
Acq: 01 Oct 2025 14:37

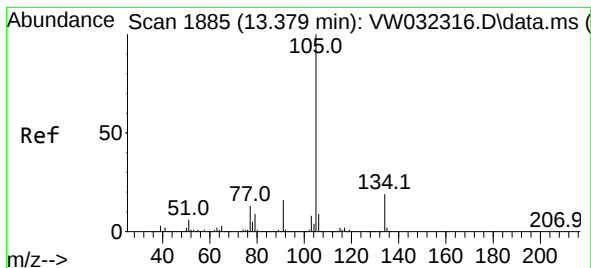
Tgt Ion:105 Resp: 695101

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 48.102 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

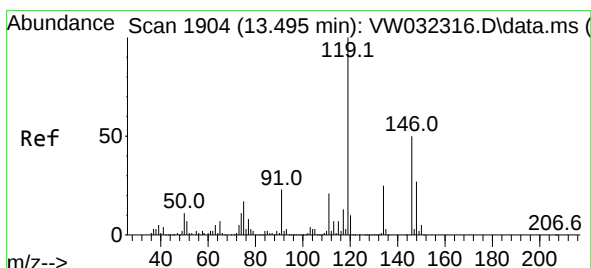
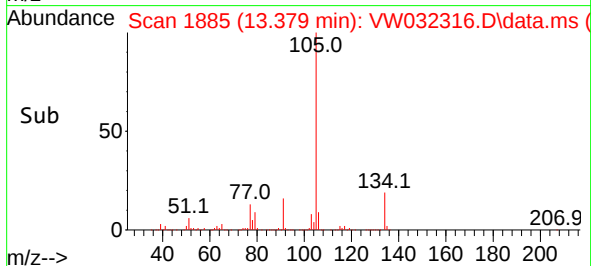
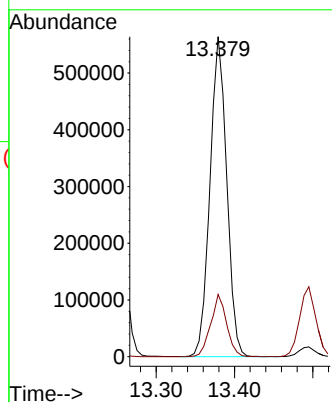
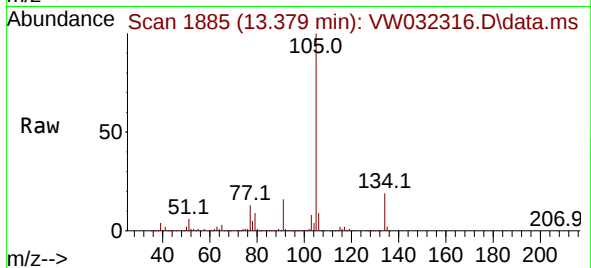
ClientSampleId :

Tgt Ion:105 Resp: 836597

Ion Ratio Lower Upper

105 100

134 18.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.747 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

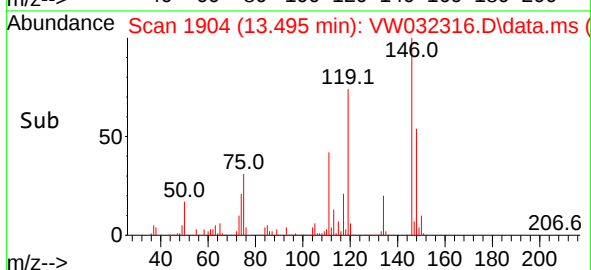
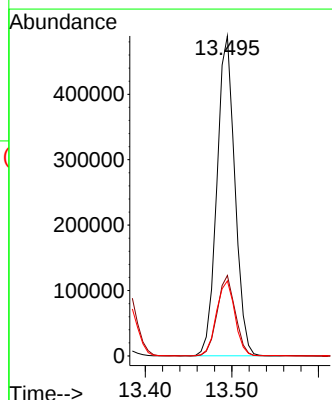
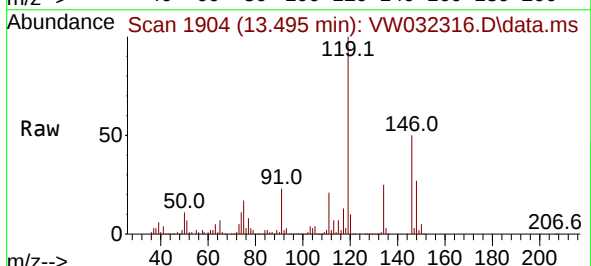
Tgt Ion:119 Resp: 703465

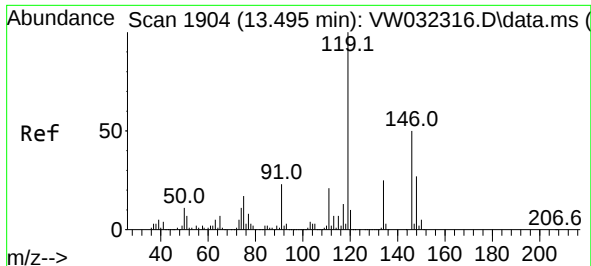
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

91 24.1 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 47.901 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

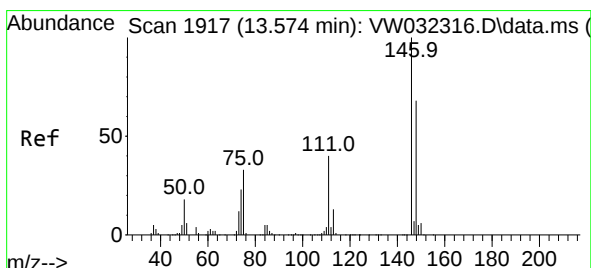
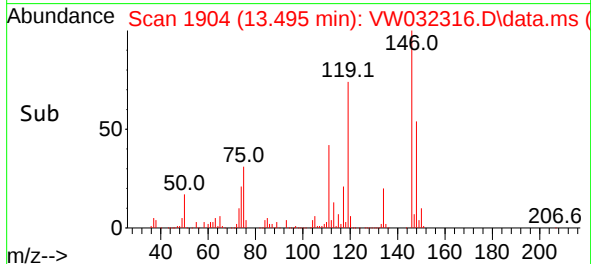
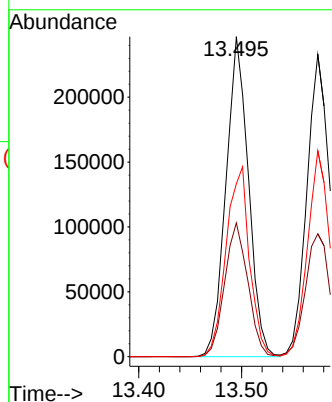
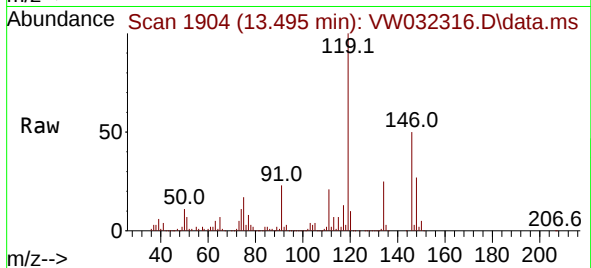
Tgt Ion:146 Resp: 375062

Ion Ratio Lower Upper

146 100

111 43.1 20.6 61.9

148 61.9 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 46.354 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

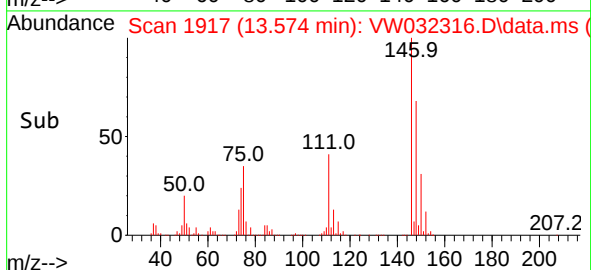
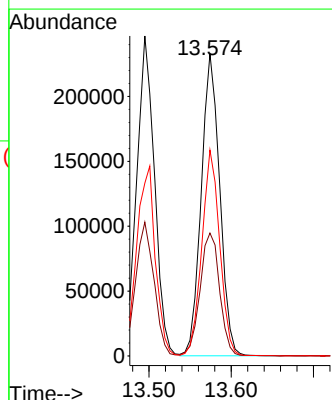
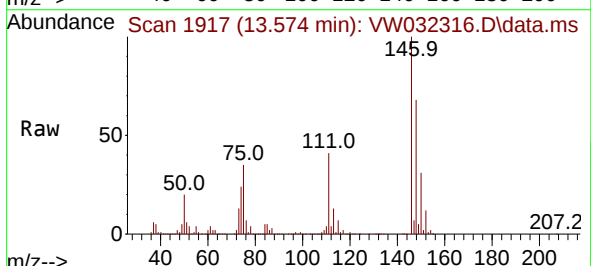
Tgt Ion:146 Resp: 362915

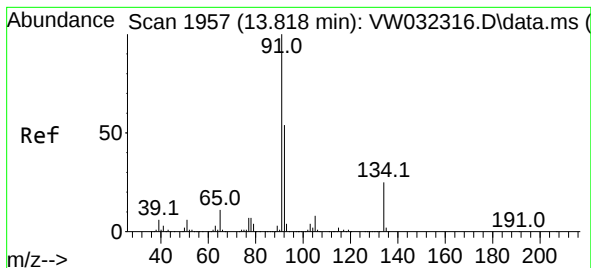
Ion Ratio Lower Upper

146 100

111 43.3 21.3 63.7

148 66.1 33.4 100.1





#89

n-Butylbenzene

Concen: 48.100 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032316.D

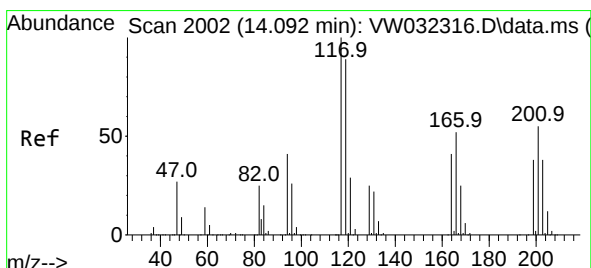
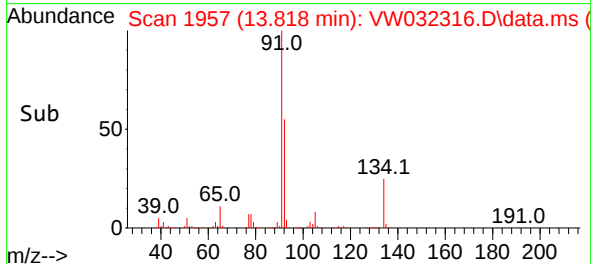
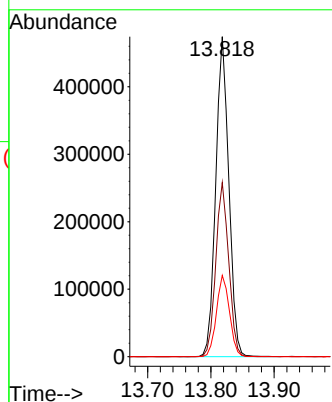
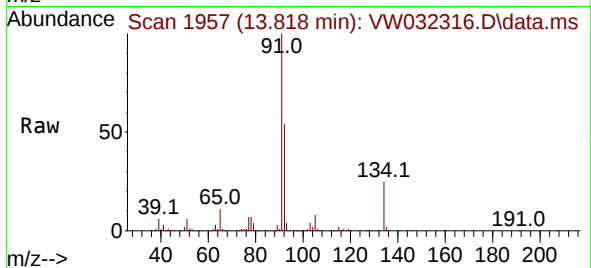
Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	677726
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.0	81.0
134	25.4	13.1	39.3



#90

Hexachloroethane

Concen: 47.269 ug/l

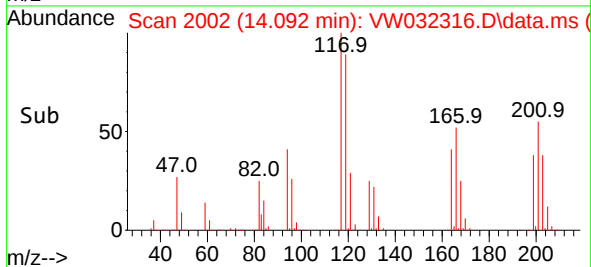
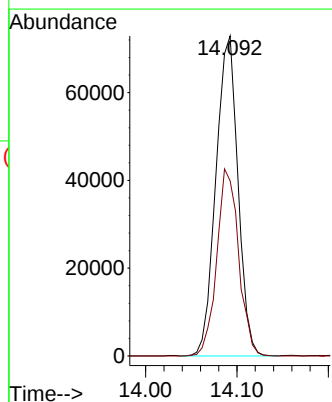
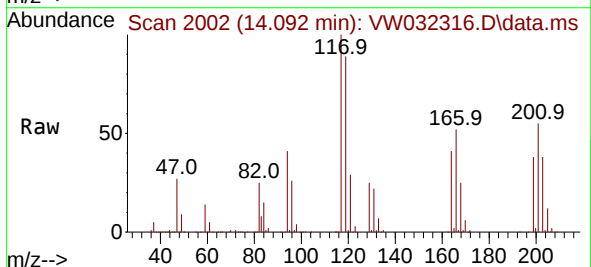
RT: 14.092 min Scan# 2002

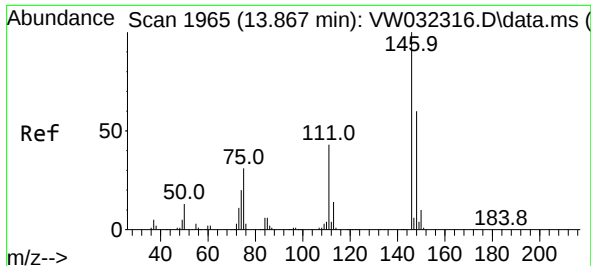
Delta R.T. 0.006 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Tgt Ion:	117	Resp:	122267
Ion	Ratio	Lower	Upper
117	100		
201	57.9	32.8	98.4





#91

1,2-Dichlorobenzene

Concen: 46.437 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

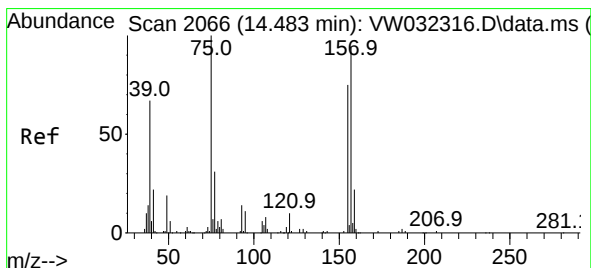
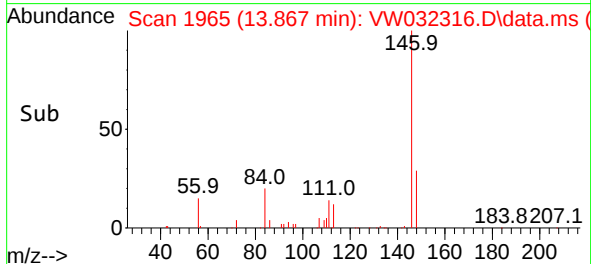
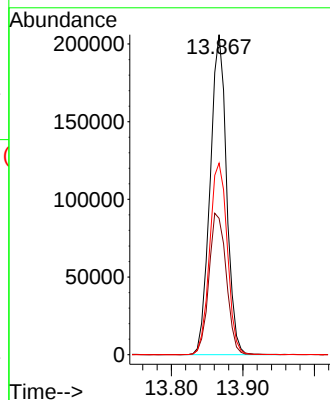
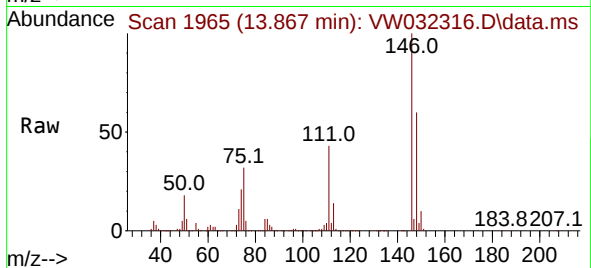
Tgt Ion:146 Resp: 328681

Ion Ratio Lower Upper

146 100

111 46.8 23.4 70.0

148 64.0 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.219 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

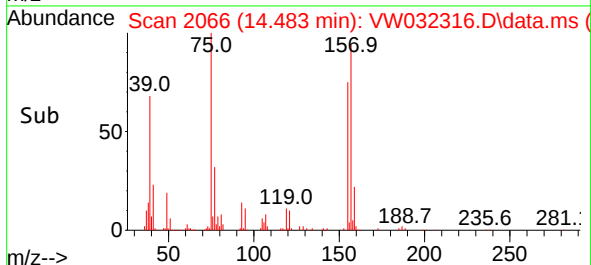
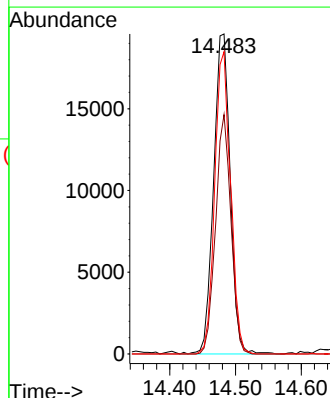
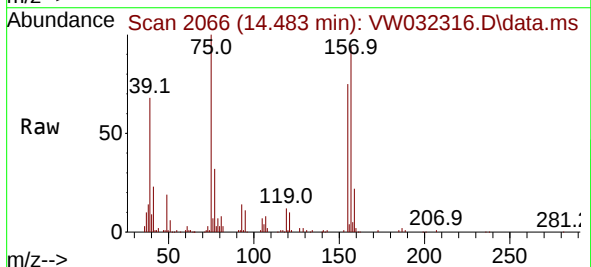
Tgt Ion: 75 Resp: 34323

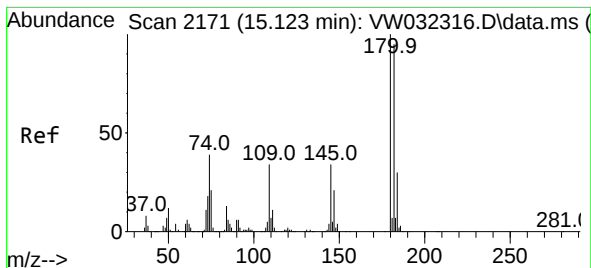
Ion Ratio Lower Upper

75 100

155 69.4 40.8 122.5

157 90.3 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 46.003 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

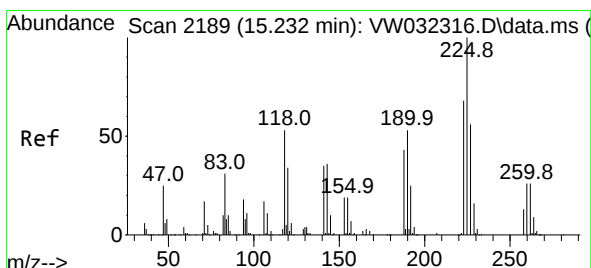
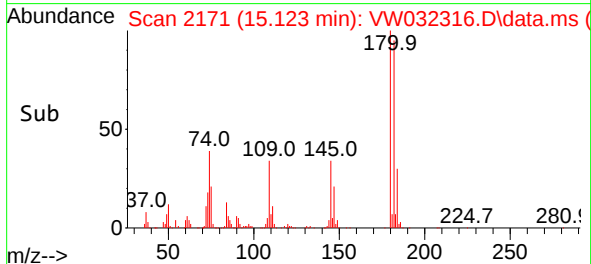
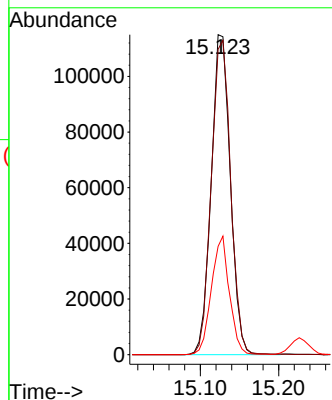
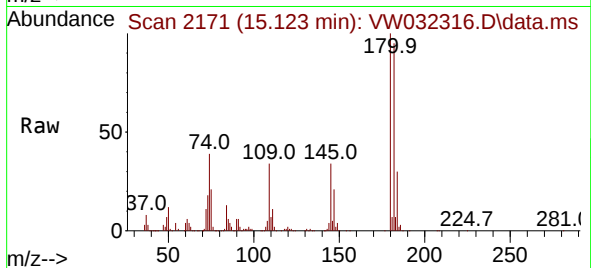
Tgt Ion:180 Resp: 195251

Ion Ratio Lower Upper

180 100

182 99.3 47.4 142.2

145 34.9 16.4 49.1



#94

Hexachlorobutadiene

Concen: 43.703 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

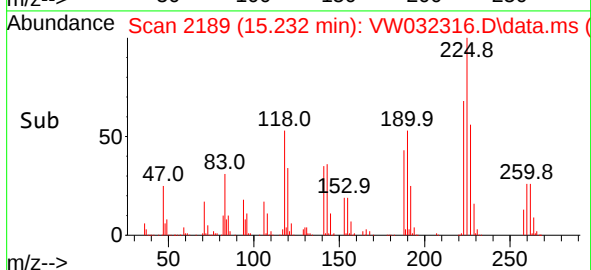
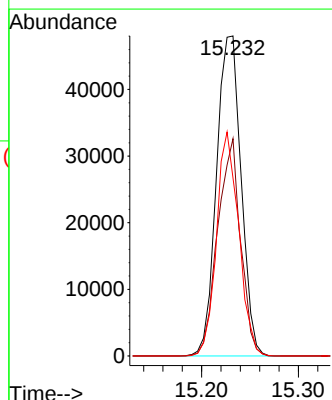
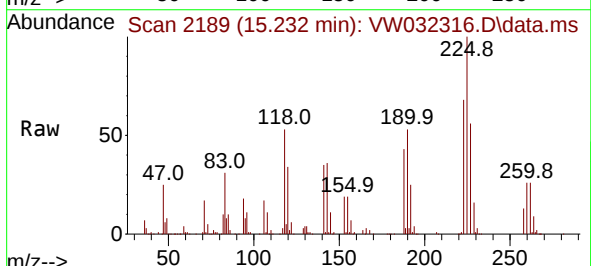
Tgt Ion:225 Resp: 84805

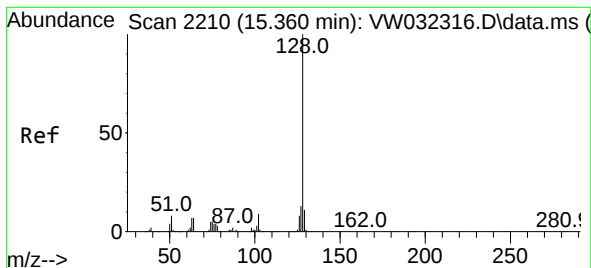
Ion Ratio Lower Upper

225 100

223 63.2 29.8 89.3

227 63.4 30.5 91.5





#95

Naphthalene

Concen: 50.483 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Instrument :

MSVOA_W

ClientSampleId :

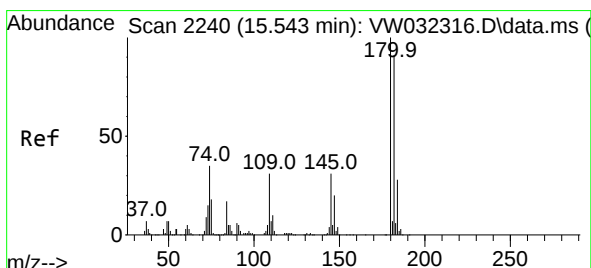
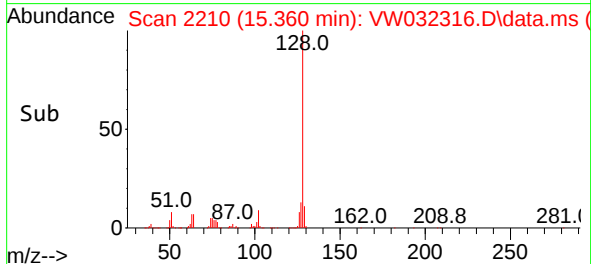
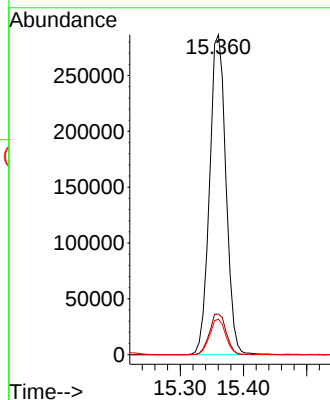
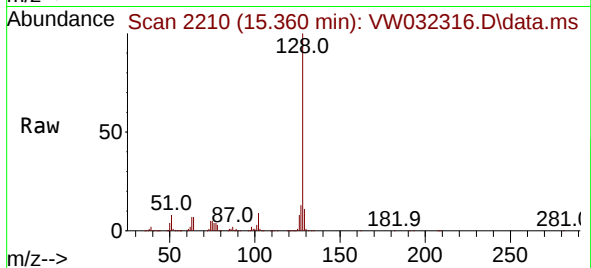
Tgt Ion:128 Resp: 514556

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.458 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW032316.D

Acq: 01 Oct 2025 14:37

Tgt Ion:180 Resp: 189852

Ion Ratio Lower Upper

180 100

182 91.3 47.7 143.1

145 35.1 17.2 51.6

