

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
 Data File : VW032320.D
 Acq On : 01 Oct 2025 16:04
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 21:27:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	286648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	542900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	498213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	235528	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	211714	50.638	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 101.280%	
35) Dibromofluoromethane	7.904	113	172657	49.108	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 98.220%	
50) Toluene-d8	10.325	98	645322	49.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.617	95	236491	48.218	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 96.440%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	84688	47.081	ug/l	96
3) Chloromethane	2.259	50	138637	49.950	ug/l	96
4) Vinyl Chloride	2.405	62	159289	48.072	ug/l	97
5) Bromomethane	2.826	94	115275	47.340	ug/l	97
6) Chloroethane	2.972	64	106181	48.536	ug/l	97
7) Trichlorofluoromethane	3.314	101	123819	49.907	ug/l	98
8) Diethyl Ether	3.722	74	106705	49.634	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.094	101	143716	48.296	ug/l	93
10) Methyl Iodide	4.320	142	201132	47.371	ug/l	100
11) Tert butyl alcohol	5.228	59	77891	246.126	ug/l	97
12) 1,1-Dichloroethene	4.082	96	160883	49.800	ug/l	95
13) Acrolein	3.930	56	119840	233.328	ug/l	99
14) Allyl chloride	4.704	41	271835	49.818	ug/l	88
15) Acrylonitrile	5.405	53	288801	258.222	ug/l	100
16) Acetone	4.161	43	264871	228.796	ug/l	100
17) Carbon Disulfide	4.429	76	436417	49.511	ug/l	100
18) Methyl Acetate	4.710	43	179271	54.058	ug/l	96
19) Methyl tert-butyl Ether	5.466	73	326683	51.342	ug/l	95
20) Methylene Chloride	4.954	84	194169	50.746	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	180820	50.555	ug/l	98
22) Diisopropyl ether	6.344	45	581042	51.202	ug/l	95
23) Vinyl Acetate	6.283	43	1998017	263.598	ug/l	100
24) 1,1-Dichloroethane	6.246	63	344370	49.949	ug/l	99
25) 2-Butanone	7.197	43	399441	253.341	ug/l	97
26) 2,2-Dichloropropane	7.191	77	171137	48.528	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	218943	50.954	ug/l	94
28) Bromochloromethane	7.533	49	164051	50.575	ug/l	85
29) Tetrahydrofuran	7.551	42	265382	267.648	ug/l	94
30) Chloroform	7.691	83	356459	50.980	ug/l	98
31) Cyclohexane	7.971	56	283574	48.179	ug/l	99
32) 1,1,1-Trichloroethane	7.892	97	247681	49.989	ug/l	98
36) 1,1-Dichloropropene	8.100	75	246414	49.661	ug/l	98
37) Ethyl Acetate	7.276	43	171315	51.871	ug/l	100
38) Carbon Tetrachloride	8.081	117	231677	49.617	ug/l	96
39) Methylcyclohexane	9.343	83	308455	51.537	ug/l	96
40) Benzene	8.337	78	758892	48.794	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	101959	57.284	ug/l #	85
42) 1,2-Dichloroethane	8.416	62	247842	48.701	ug/l	99
43) Isopropyl Acetate	8.435	43	303946	51.877	ug/l	100
44) Trichloroethene	9.105	130	178095	48.904	ug/l	87
45) 1,2-Dichloropropane	9.374	63	191384	49.299	ug/l	97
46) Dibromomethane	9.465	93	118979	49.841	ug/l	94
47) Bromodichloromethane	9.654	83	273884	50.162	ug/l	99
48) Methyl methacrylate	9.441	41	150648	52.884	ug/l #	91
49) 1,4-Dioxane	9.465	88	34528	1058.229	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	878208	258.790	ug/l	100
52) Toluene	10.392	92	484871	50.061	ug/l	95
53) t-1,3-Dichloropropene	10.611	75	271391	51.234	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	306358	50.209	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	159106	49.869	ug/l	99
56) Ethyl methacrylate	10.648	69	233853	52.367	ug/l	93
57) 1,3-Dichloropropane	10.934	76	278336	49.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	658757	277.181	ug/l	96
59) 2-Hexanone	10.971	43	627586	262.215	ug/l	99
60) Dibromochloromethane	11.136	129	181813	50.187	ug/l	98
61) 1,2-Dibromoethane	11.239	107	154714	49.732	ug/l	99
64) Tetrachloroethene	10.867	164	147899	49.611	ug/l	96
65) Chlorobenzene	11.660	112	535619	48.862	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	166082	48.644	ug/l	99
67) Ethyl Benzene	11.733	91	922981	50.513	ug/l	100
68) m/p-Xylenes	11.837	106	699490	99.276	ug/l	99
69) o-Xylene	12.166	106	332905	50.523	ug/l	100
70) Styrene	12.178	104	594393	51.667	ug/l	97
71) Bromoform	12.349	173	100214	51.207	ug/l #	97
73) Isopropylbenzene	12.465	105	839135	52.076	ug/l	100
74) N-amyl acetate	12.269	43	276033	53.697	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	203339	50.822	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	261754	84.452	ug/l	40
77) Bromobenzene	12.745	156	196776	50.659	ug/l	87
78) n-propylbenzene	12.800	91	1039770	51.657	ug/l	98
79) 2-Chlorotoluene	12.891	91	631196	51.287	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	729628	52.365	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	66508	54.360	ug/l	91
82) 4-Chlorotoluene	12.989	91	663842	50.734	ug/l	100
83) tert-Butylbenzene	13.202	119	611748	53.510	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	729966	51.522	ug/l	99
85) sec-Butylbenzene	13.379	105	904532	51.774	ug/l	99
86) p-Isopropyltoluene	13.495	119	763912	52.697	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	397346	50.518	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	380433	48.372	ug/l	97
89) n-Butylbenzene	13.818	91	748452	52.880	ug/l	99
90) Hexachloroethane	14.086	117	134862	51.903	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	347039	48.810	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	36524	52.139	ug/l	88
93) 1,2,4-Trichlorobenzene	15.129	180	218198	51.178	ug/l	93
94) Hexachlorobutadiene	15.232	225	90599	46.478	ug/l	87
95) Naphthalene	15.360	128	572147	55.881	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	206623	51.417	ug/l	98

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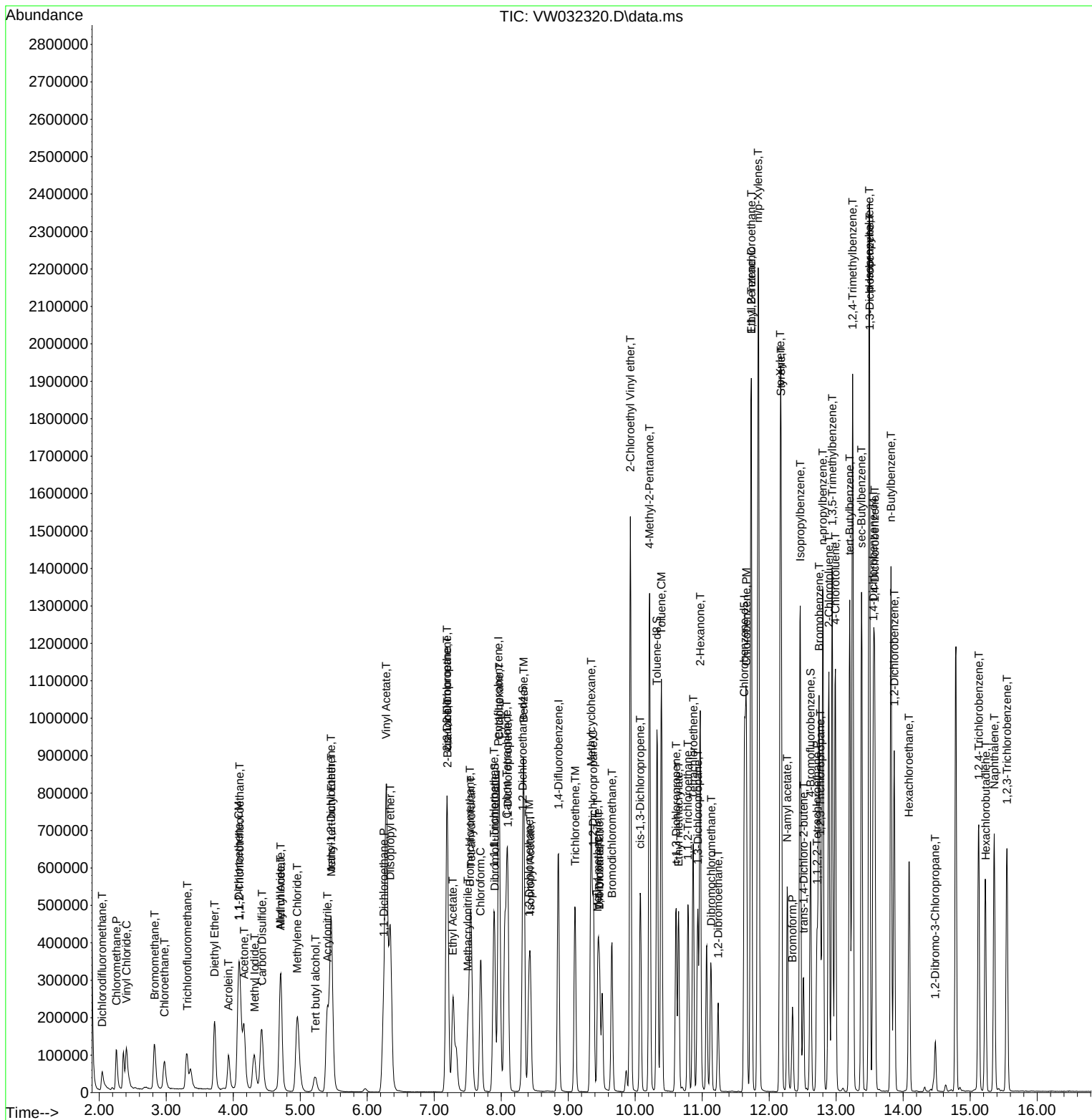
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MSVOA_W
ClientSampleId :

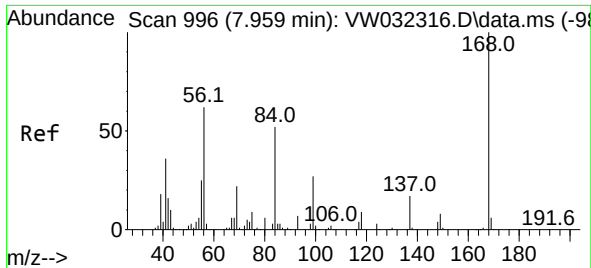
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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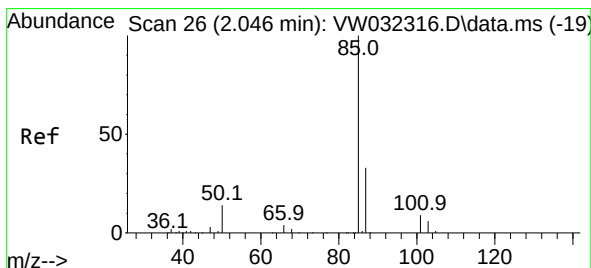
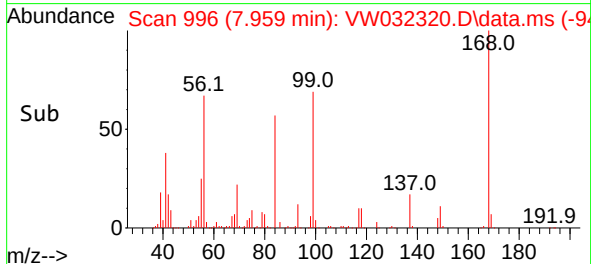
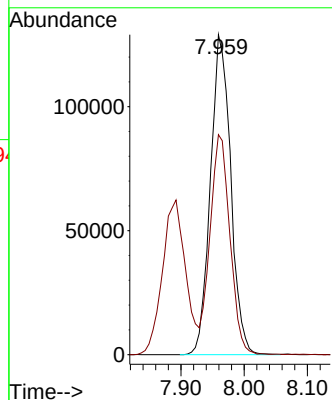
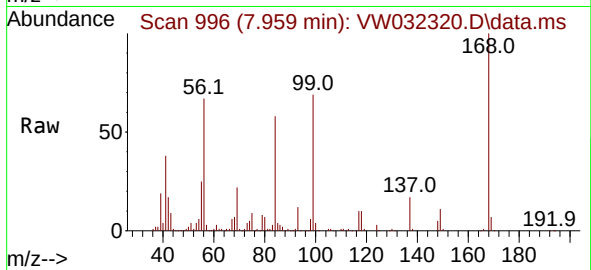




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032320.D
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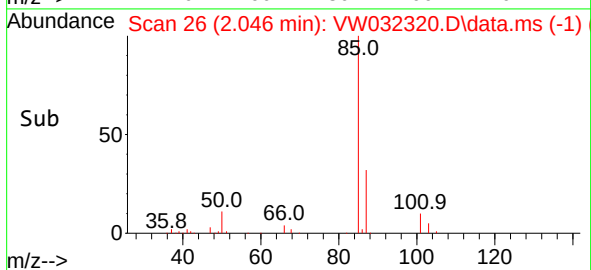
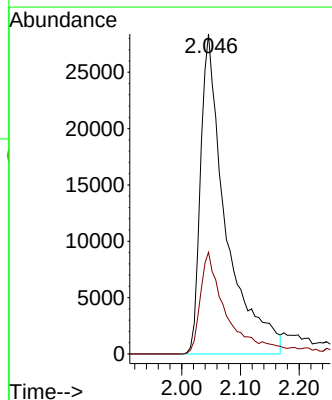
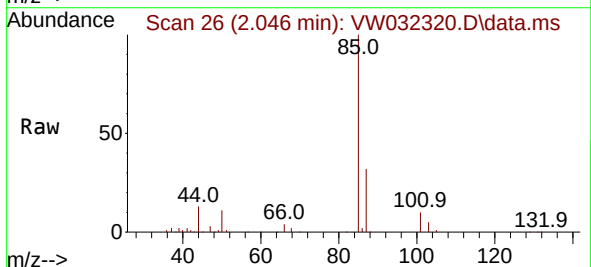
Instrument :
MSVOA_W
ClientSampleId :

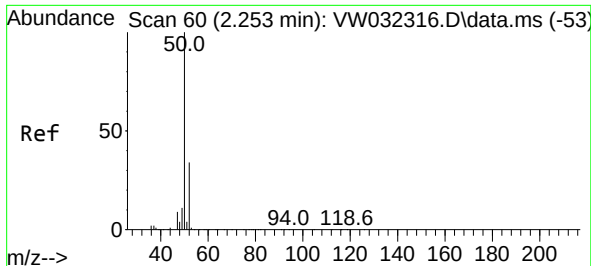
Tgt Ion:168 Resp: 286648
Ion Ratio Lower Upper
168 100
99 68.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 47.081 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 85 Resp: 84688
Ion Ratio Lower Upper
85 100
87 31.8 17.2 51.6

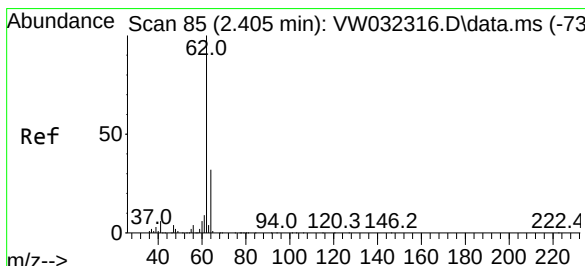
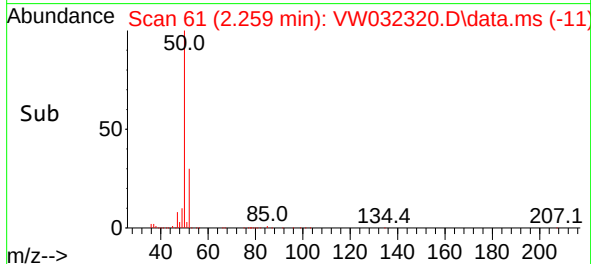
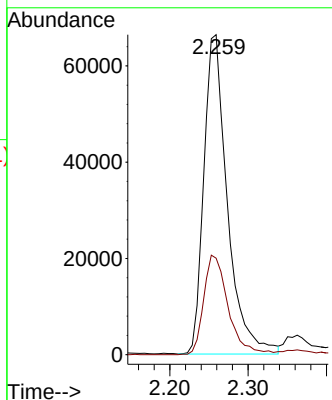
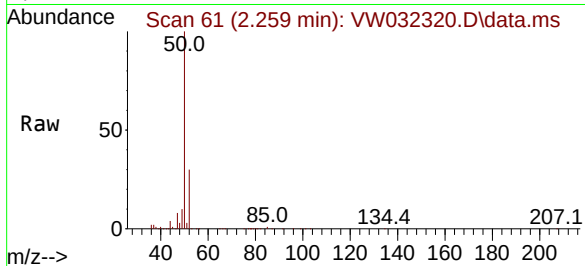




#3
Chloromethane
Concen: 49.950 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

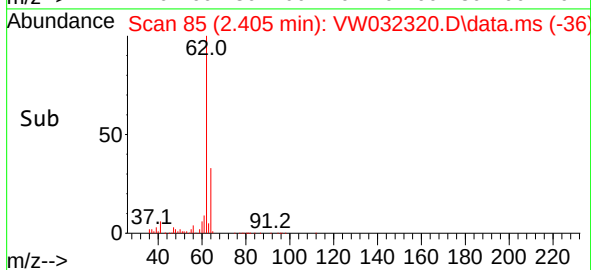
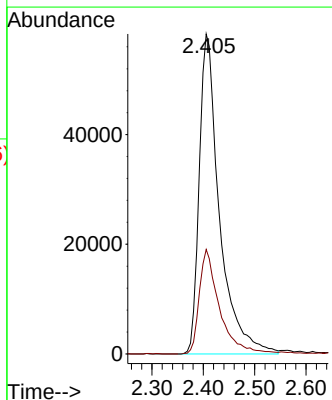
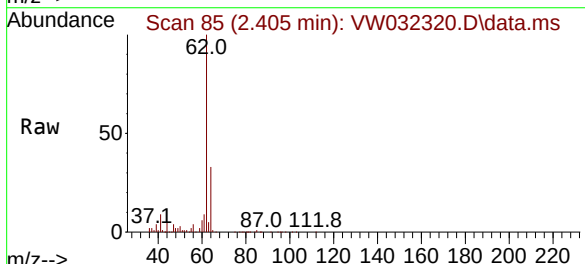
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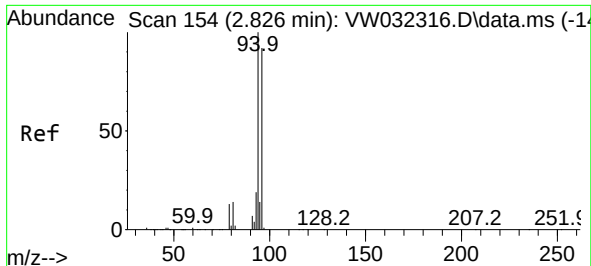
Tgt Ion: 50 Resp: 138637
Ion Ratio Lower Upper
50 100
52 30.2 26.1 39.1



#4
Vinyl Chloride
Concen: 48.072 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 62 Resp: 159289
Ion Ratio Lower Upper
62 100
64 32.7 24.8 37.2

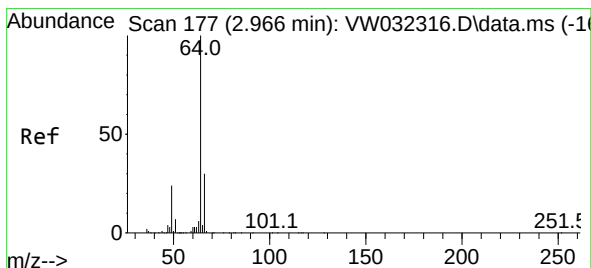
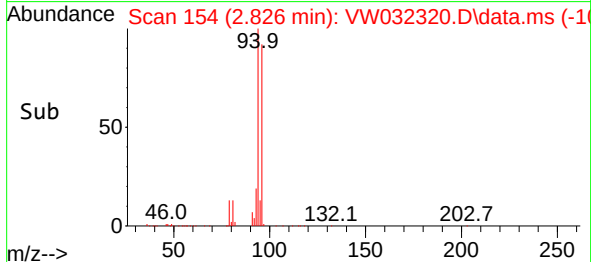
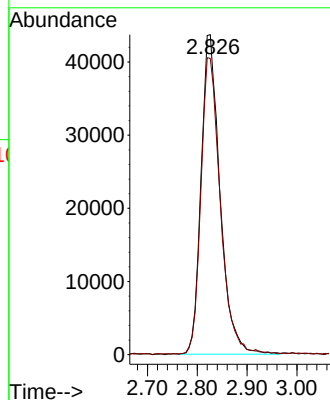
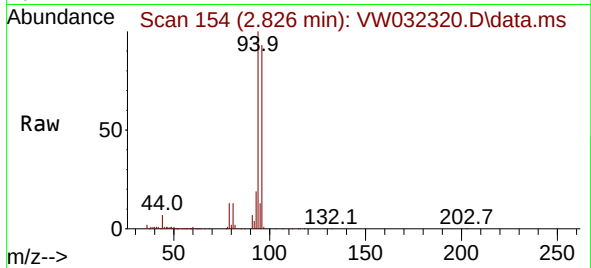




#5
Bromomethane
Concen: 47.340 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

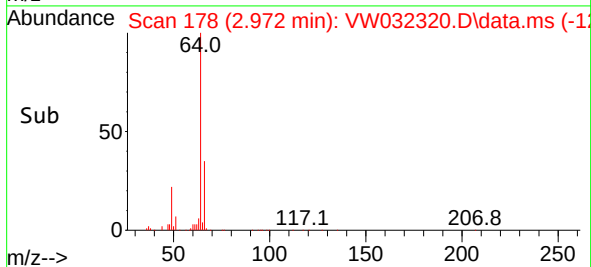
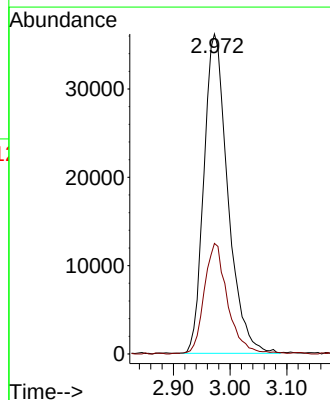
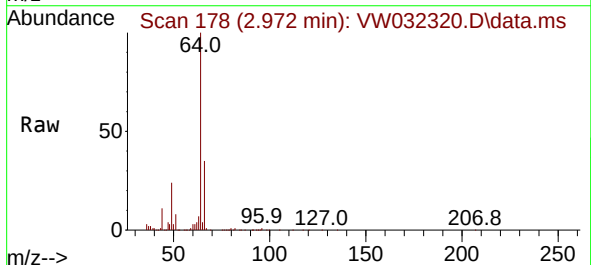
Instrument :
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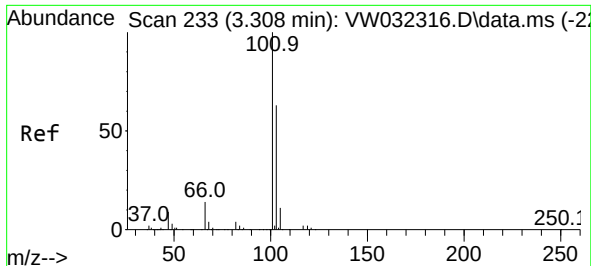
Tgt Ion: 94 Resp: 115275
Ion Ratio Lower Upper
94 100
96 92.5 76.6 115.0



#6
Chloroethane
Concen: 48.536 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 64 Resp: 106181
Ion Ratio Lower Upper
64 100
66 34.4 26.2 39.4

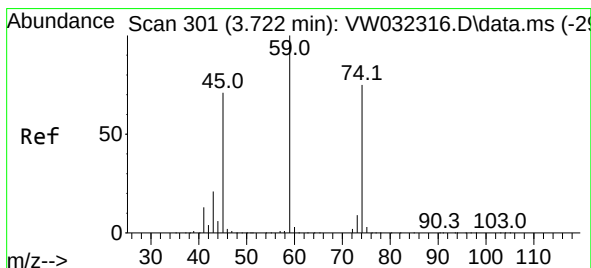
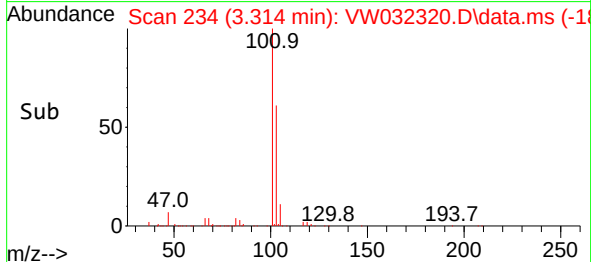
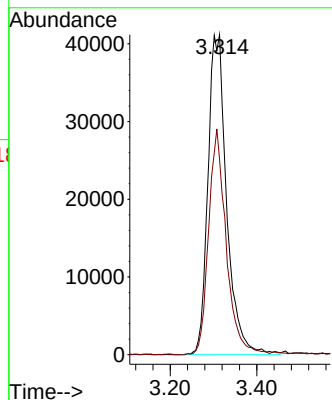
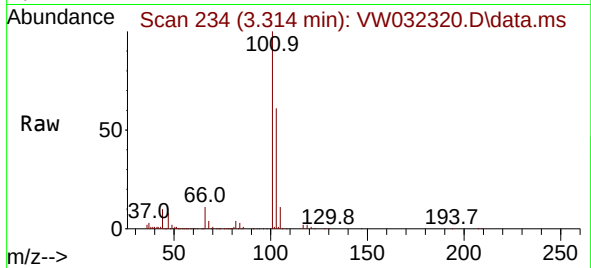




#7
 Trichlorofluoromethane
 Concen: 49.907 ug/l
 RT: 3.314 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW032320.D
 Acq: 01 Oct 2025 16:04

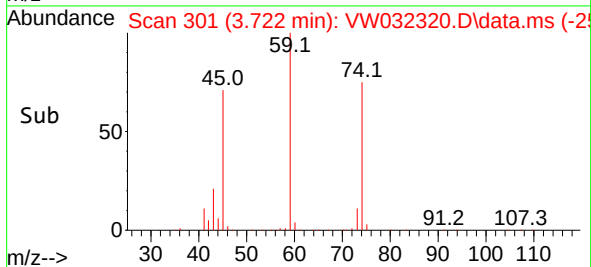
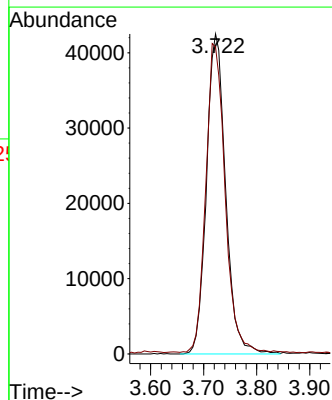
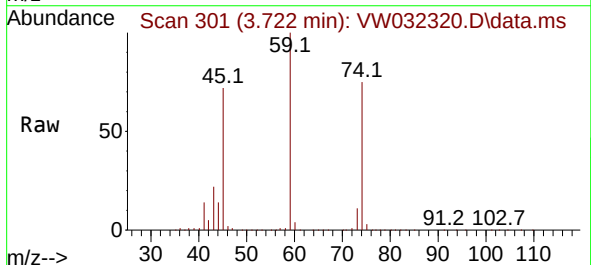
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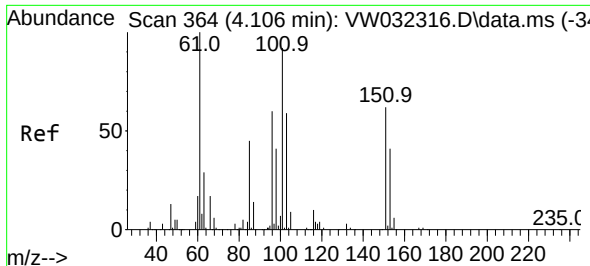
Tgt Ion:101 Resp: 123819
 Ion Ratio Lower Upper
 101 100
 103 61.1 47.8 71.8



#8
 Diethyl Ether
 Concen: 49.634 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032320.D
 Acq: 01 Oct 2025 16:04

Tgt Ion: 74 Resp: 106705
 Ion Ratio Lower Upper
 74 100
 45 96.8 43.1 129.4

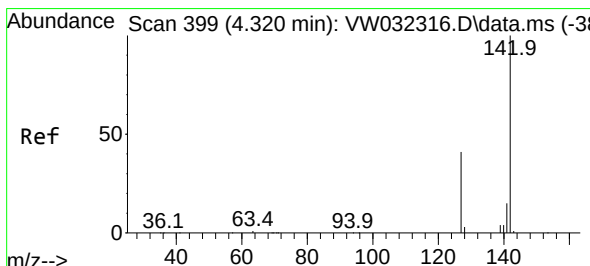
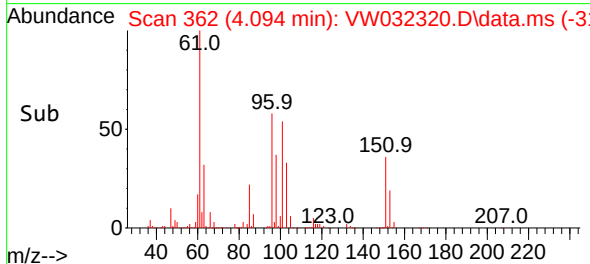
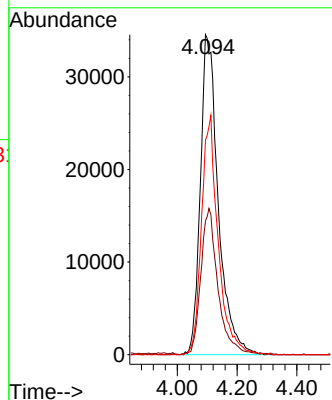
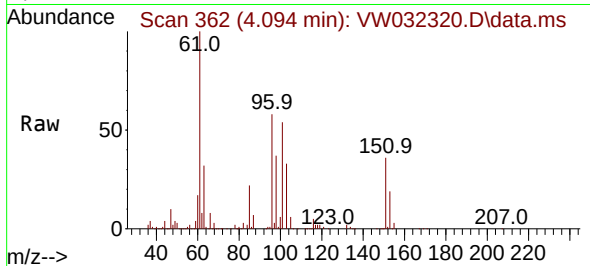




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.296 ug/l
RT: 4.094 min Scan# 362
Delta R.T. -0.012 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

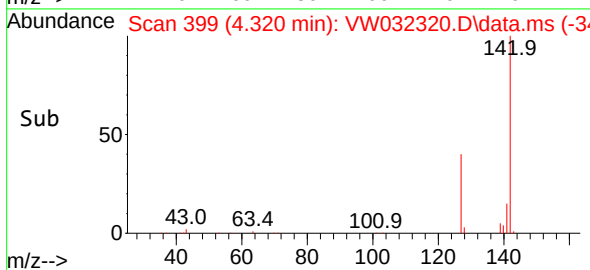
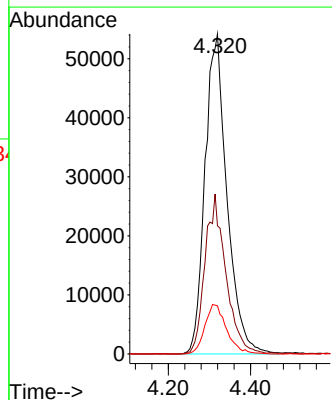
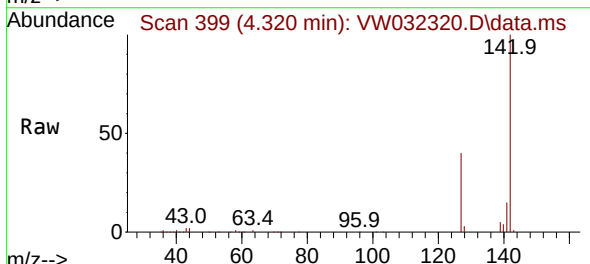
Instrument :
MSVOA_W
ClientSampleId :

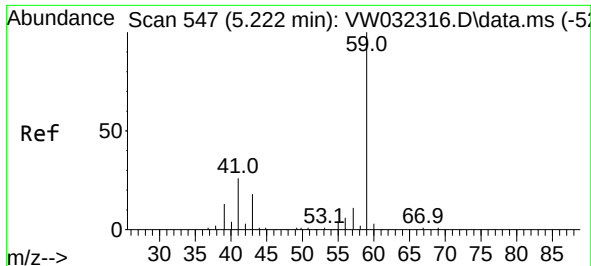
Tgt Ion:101 Resp: 143716
Ion Ratio Lower Upper
101 100
85 43.7 37.1 55.7
151 69.6 61.5 92.3



#10
Methyl Iodide
Concen: 47.371 ug/l
RT: 4.320 min Scan# 399
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion:142 Resp: 201132
Ion Ratio Lower Upper
142 100
127 47.4 38.2 57.2
141 15.3 12.2 18.2

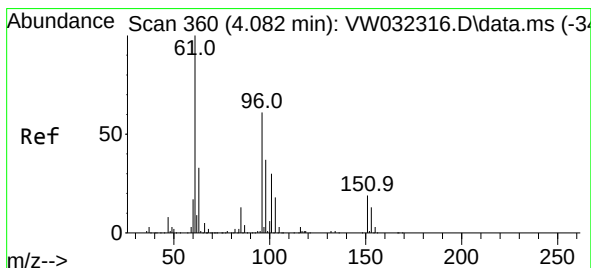
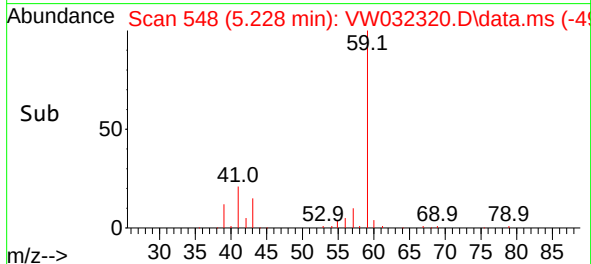
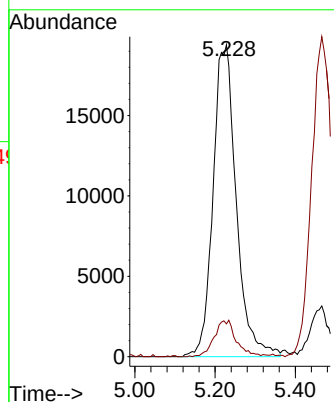
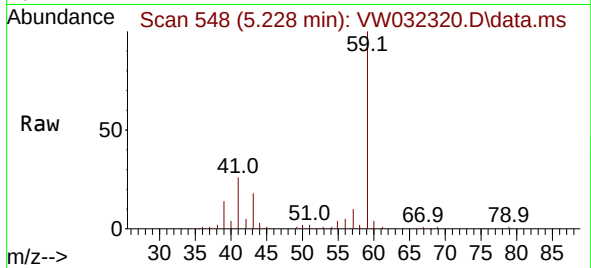




#11
Tert butyl alcohol
Concen: 246.126 ug/l
RT: 5.228 min Scan# 54
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

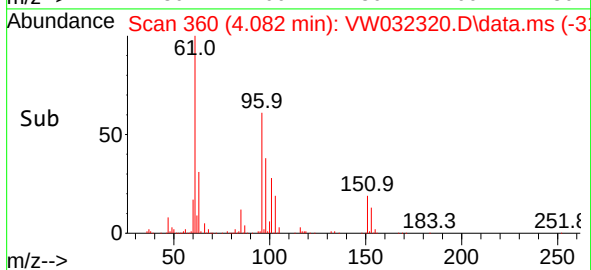
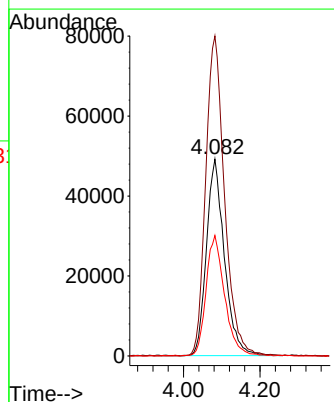
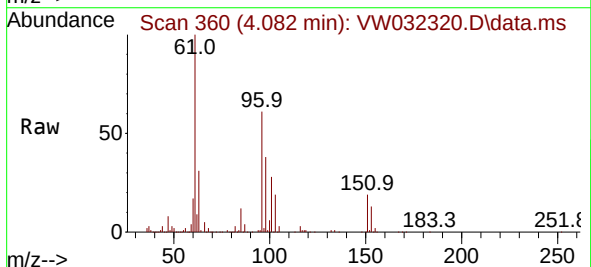
Instrument :
MSVOA_W
ClientSampleId :

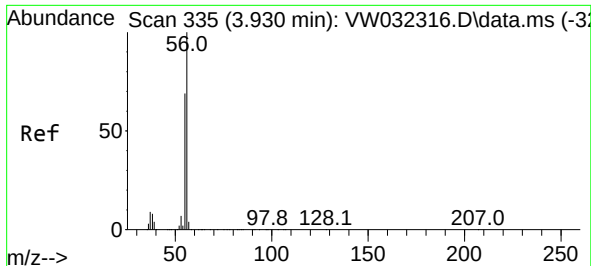
Tgt Ion: 59 Resp: 77891
Ion Ratio Lower Upper
59 100
57 11.0 9.8 14.6



#12
1,1-Dichloroethene
Concen: 49.800 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 96 Resp: 160883
Ion Ratio Lower Upper
96 100
61 162.9 123.0 184.4
98 61.4 48.5 72.7

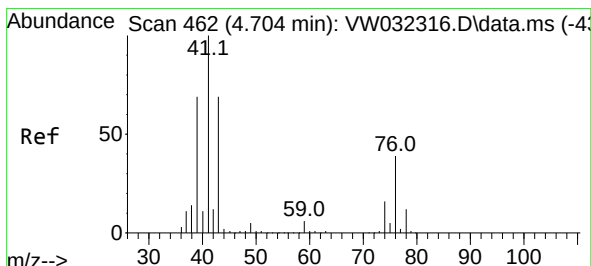
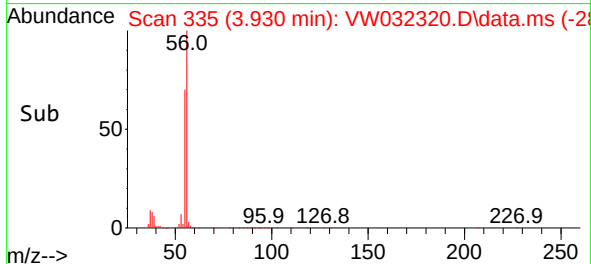
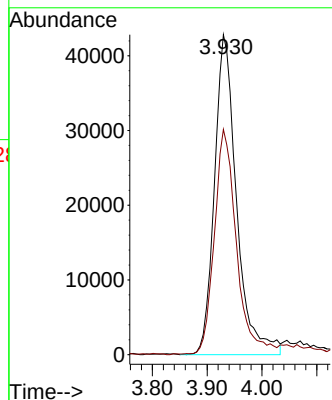
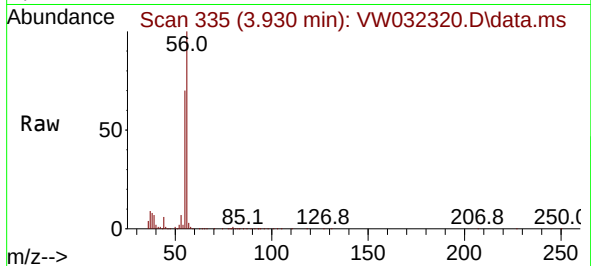




#13
Acrolein
Concen: 233.328 ug/l
RT: 3.930 min Scan# 313
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

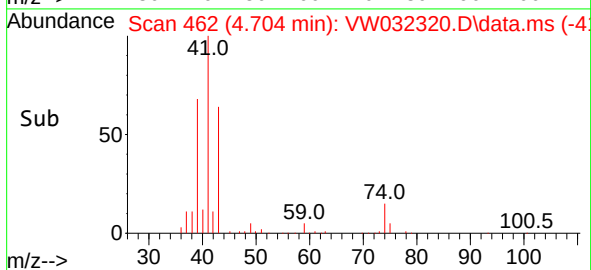
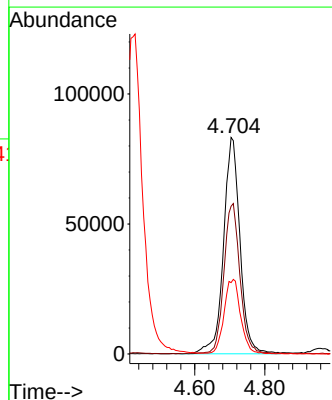
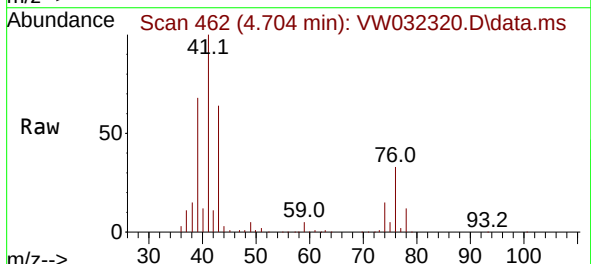
Instrument :
MSVOA_W
ClientSampleId :

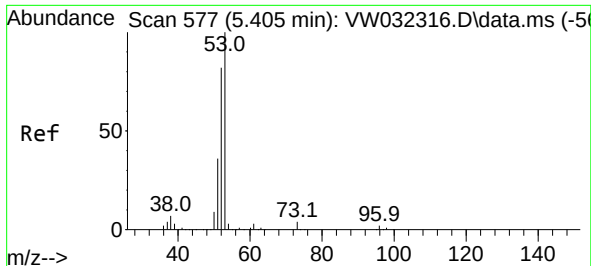
Tgt Ion: 56 Resp: 119840
Ion Ratio Lower Upper
56 100
55 70.0 56.4 84.6



#14
Allyl chloride
Concen: 49.818 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 41 Resp: 271835
Ion Ratio Lower Upper
41 100
39 67.6 64.1 96.1
76 34.3 31.4 47.2

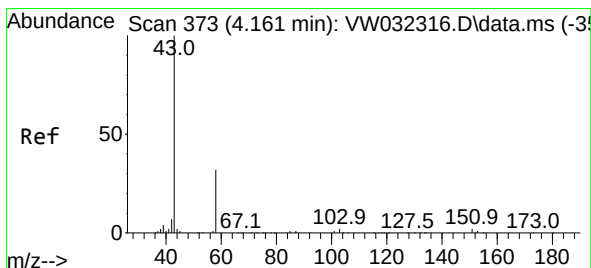
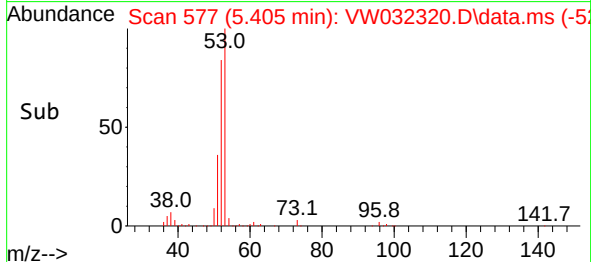
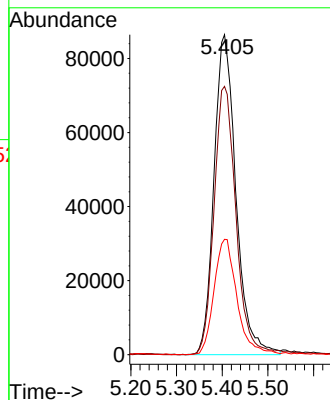
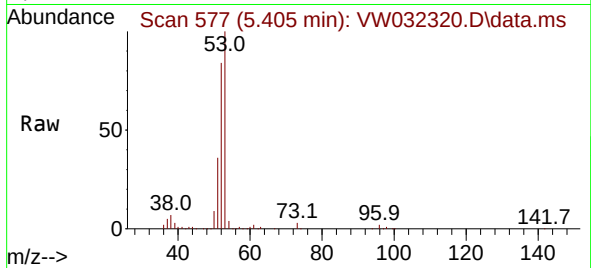




#15
Acrylonitrile
Concen: 258.222 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

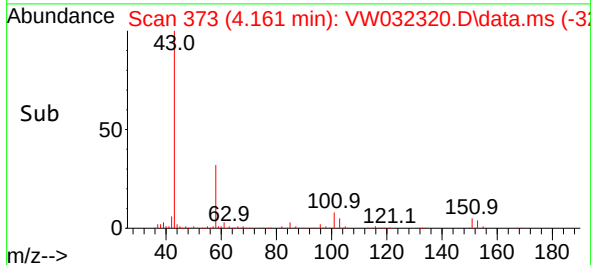
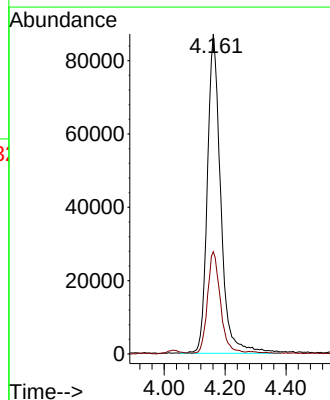
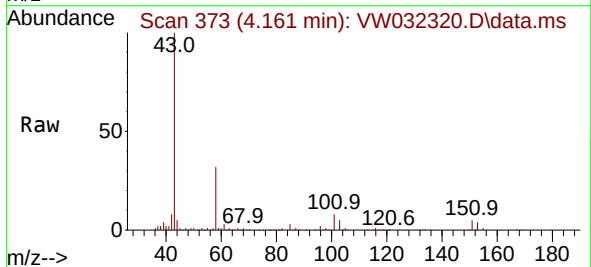
Instrument :
MSVOA_W
ClientSampleId :

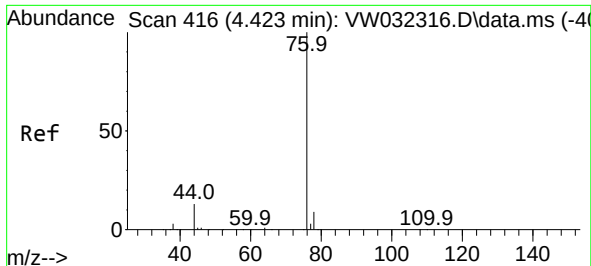
Tgt Ion: 53 Resp: 288801
Ion Ratio Lower Upper
53 100
52 84.6 67.4 101.2
51 37.6 30.3 45.5



#16
Acetone
Concen: 228.796 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 43 Resp: 264871
Ion Ratio Lower Upper
43 100
58 31.8 25.3 37.9

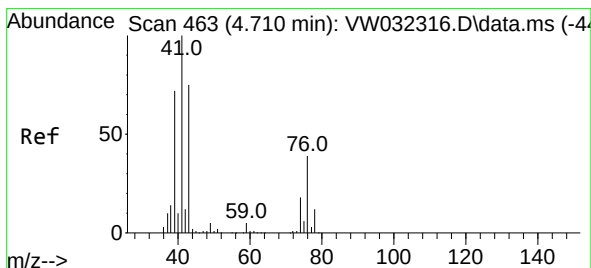
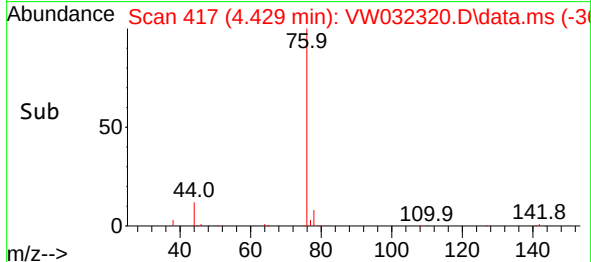
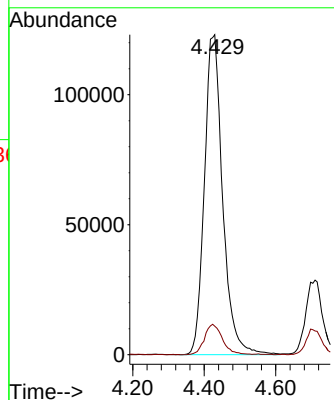
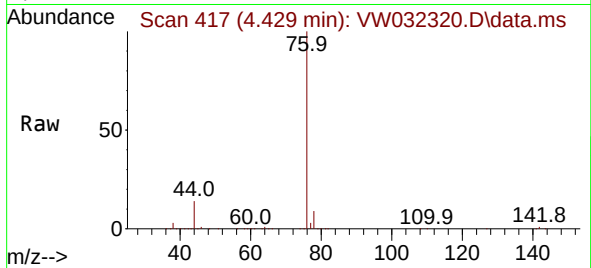




#17
Carbon Disulfide
Concen: 49.511 ug/l
RT: 4.429 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

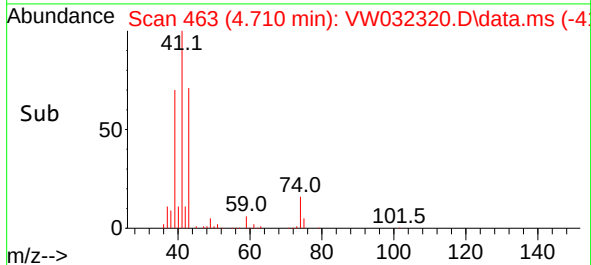
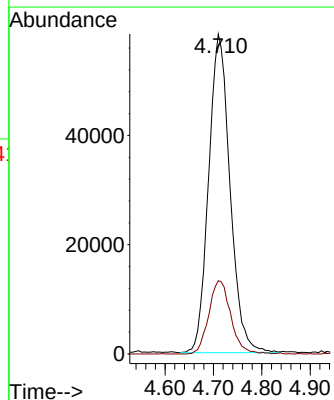
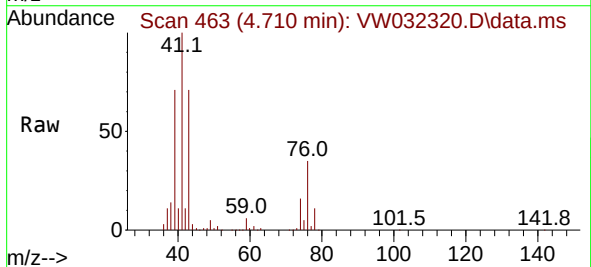
Instrument :
MSVOA_W
ClientSampleId :

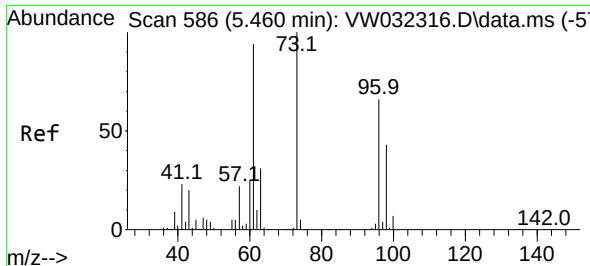
Tgt Ion: 76 Resp: 436417
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 54.058 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 43 Resp: 179271
Ion Ratio Lower Upper
43 100
74 23.4 20.2 30.4

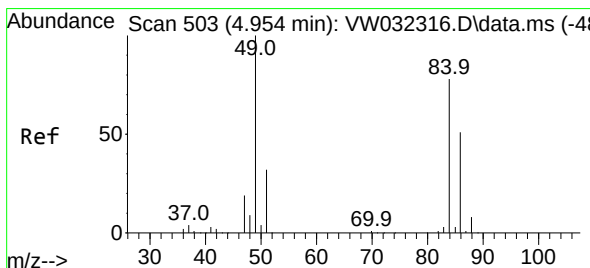
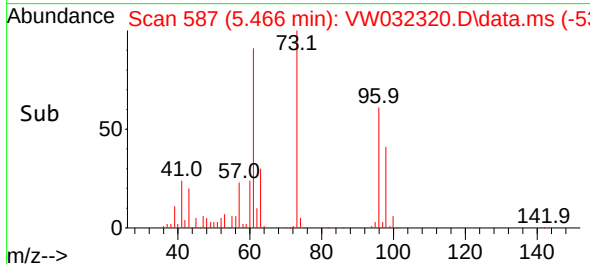
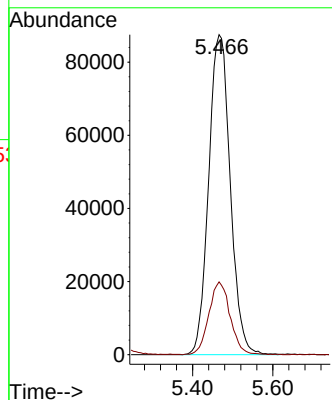
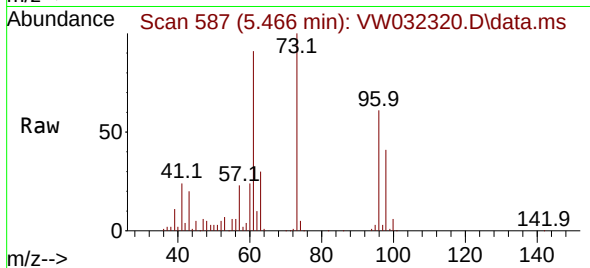




#19
Methyl tert-butyl Ether
Concen: 51.342 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

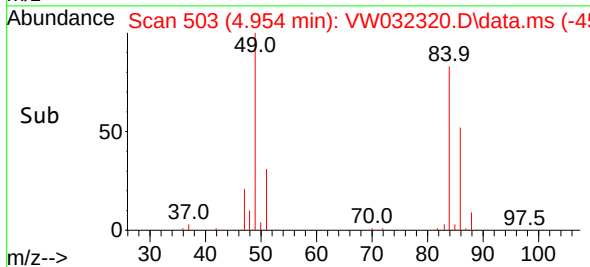
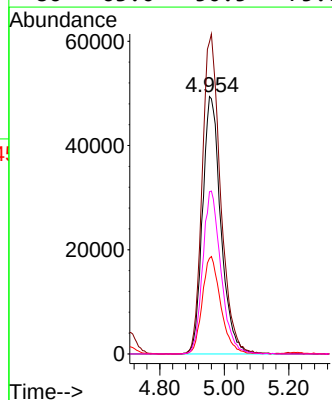
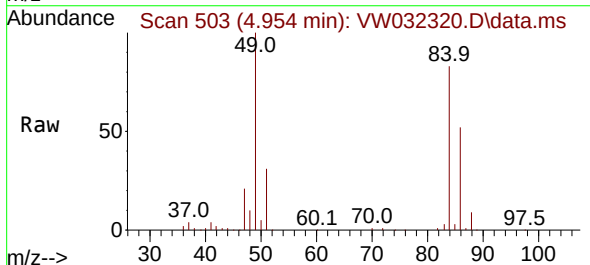
Instrument :
MSVOA_W
ClientSampleId :

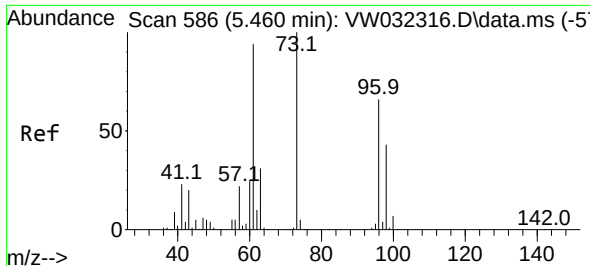
Tgt Ion: 73 Resp: 326683
Ion Ratio Lower Upper
73 100
57 22.7 16.2 24.4



#20
Methylene Chloride
Concen: 50.746 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 84 Resp: 194169
Ion Ratio Lower Upper
84 100
49 121.2 92.2 138.4
51 37.1 31.0 46.6
86 63.0 50.5 75.7

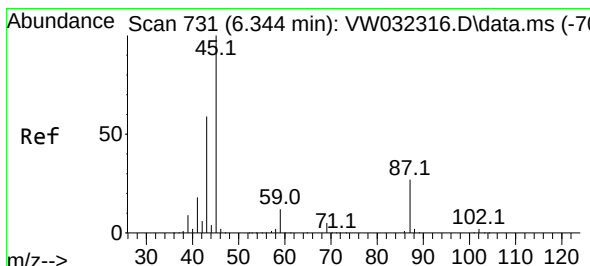
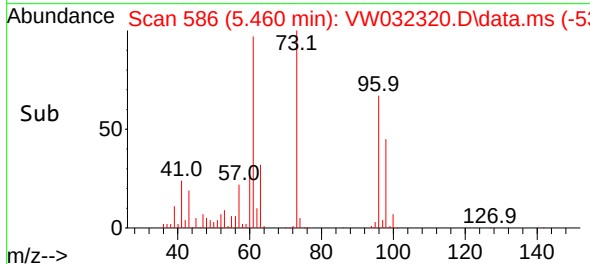
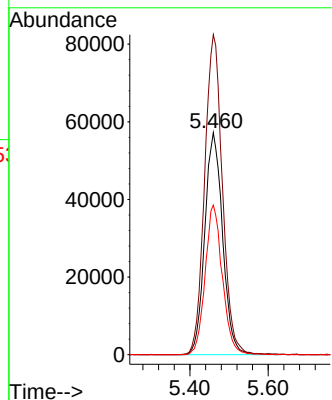
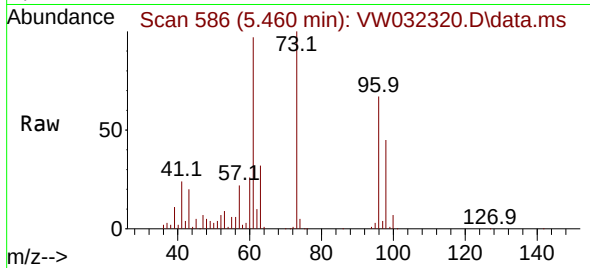




#21
trans-1,2-Dichloroethene
Concen: 50.555 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

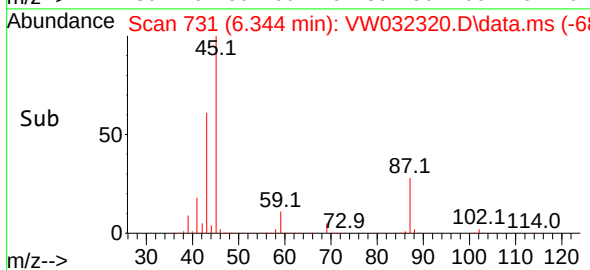
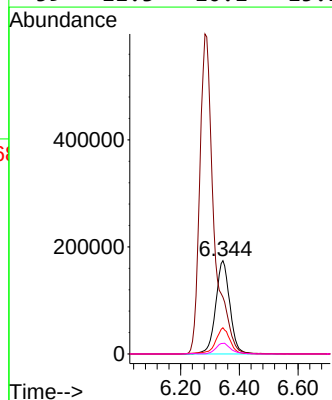
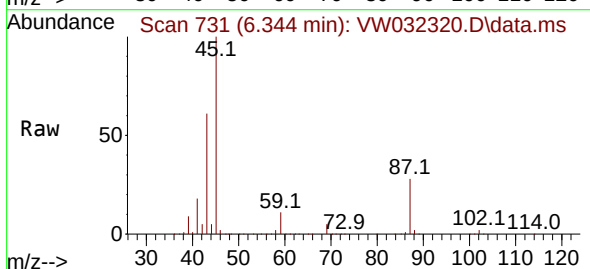
Instrument :
MSVOA_W
ClientSampleId :

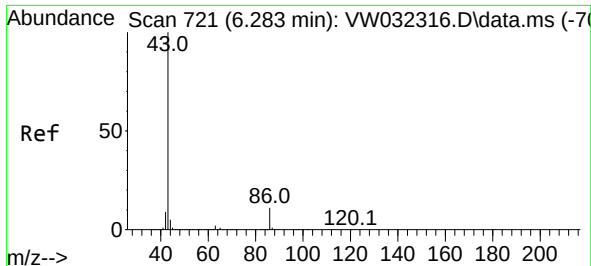
Tgt Ion: 96 Resp: 180820
Ion Ratio Lower Upper
96 100
61 144.0 112.5 168.7
98 67.4 54.2 81.4



#22
Diisopropyl ether
Concen: 51.202 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 45 Resp: 581042
Ion Ratio Lower Upper
45 100
43 60.9 51.4 77.2
87 28.2 25.9 38.9
59 11.3 10.1 15.1

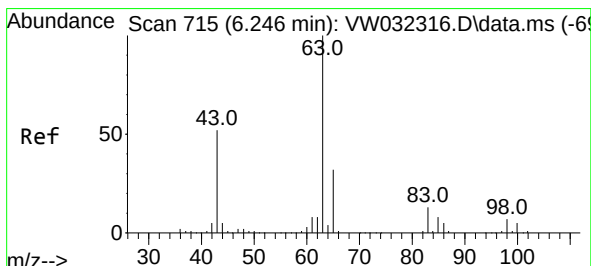
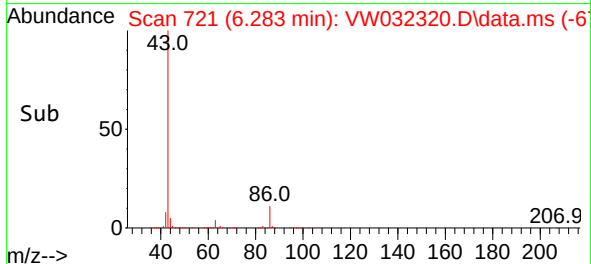
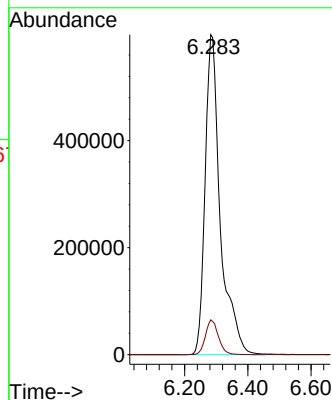
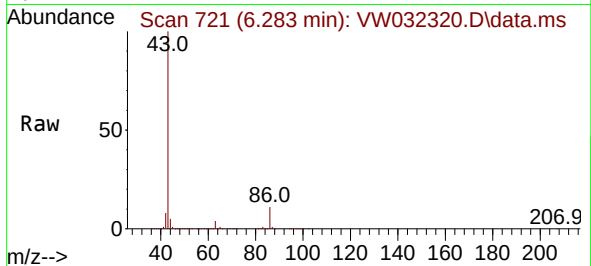




#23
 Vinyl Acetate
 Concen: 263.598 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032320.D
 Acq: 01 Oct 2025 16:04

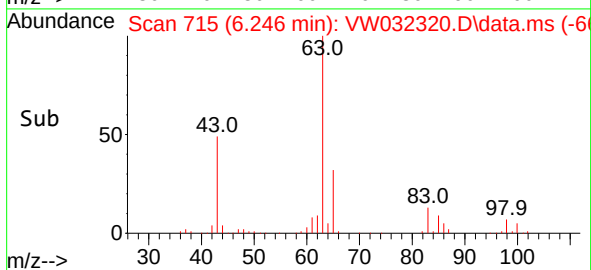
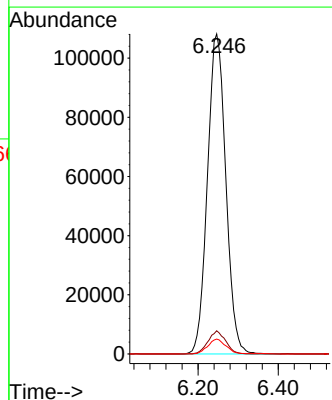
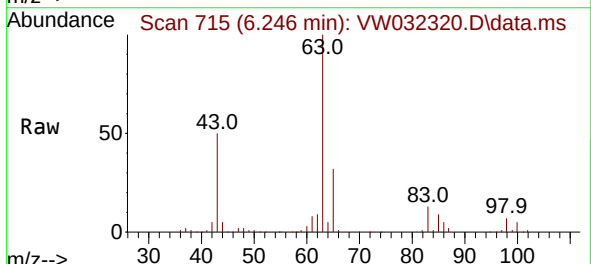
Instrument :
 MSVOA_W
 ClientSampleId :

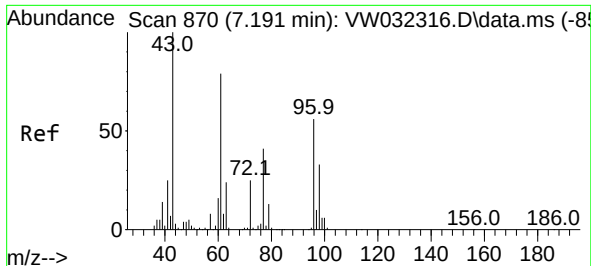
Tgt Ion: 43 Resp: 1998017
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 49.949 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032320.D
 Acq: 01 Oct 2025 16:04

Tgt Ion: 63 Resp: 344370
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.7 2.5 7.5

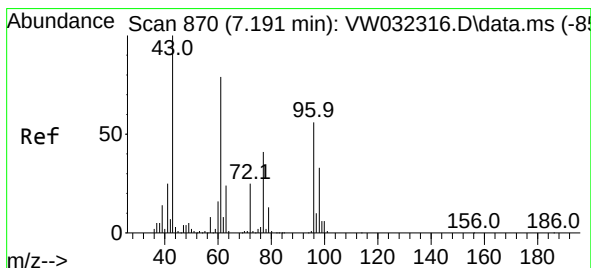
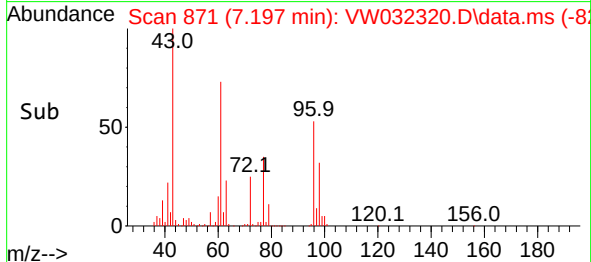
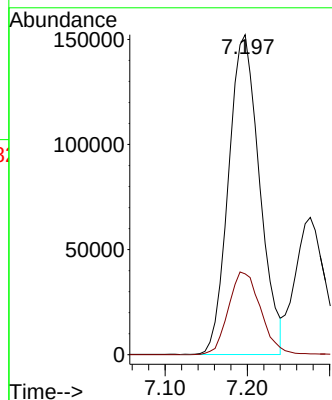
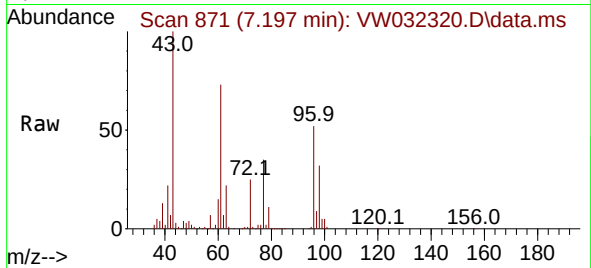




#25
2-Butanone
Concen: 253.341 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

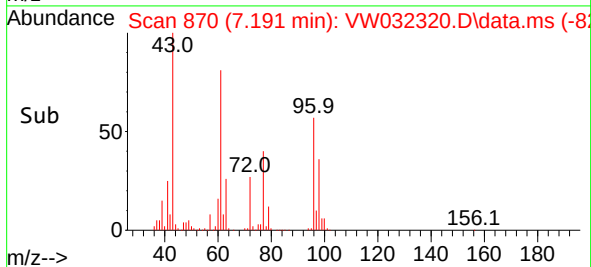
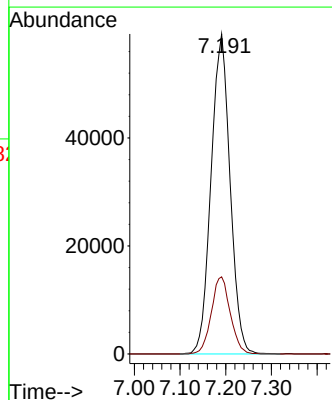
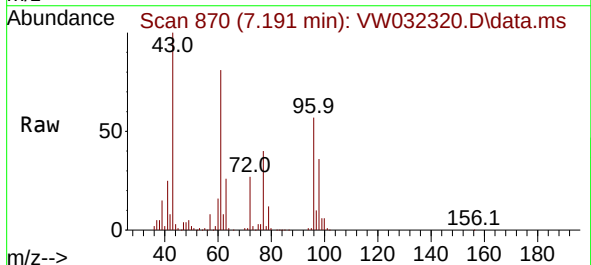
Instrument :
MSVOA_W
ClientSampleId :

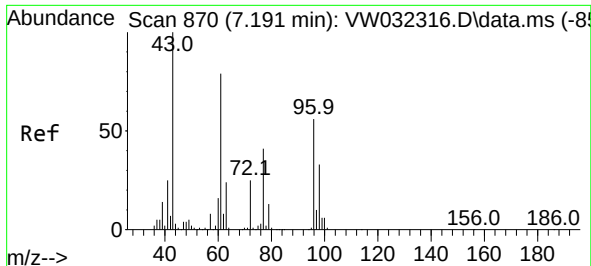
Tgt Ion: 43 Resp: 399441
Ion Ratio Lower Upper
43 100
72 25.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 48.528 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 77 Resp: 171137
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5



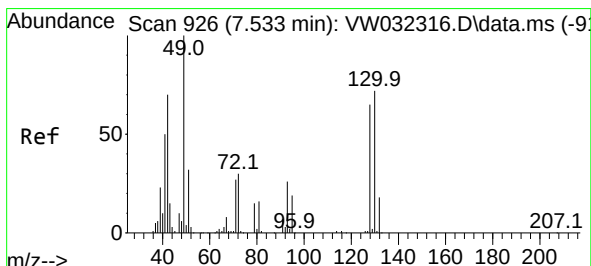
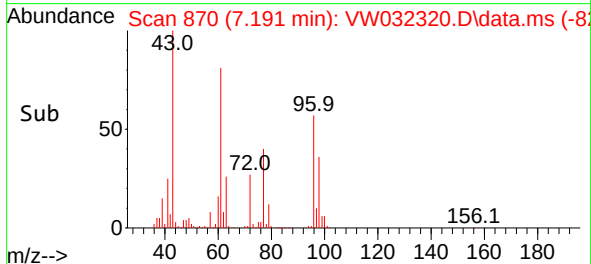
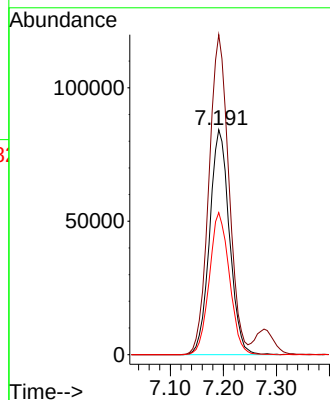
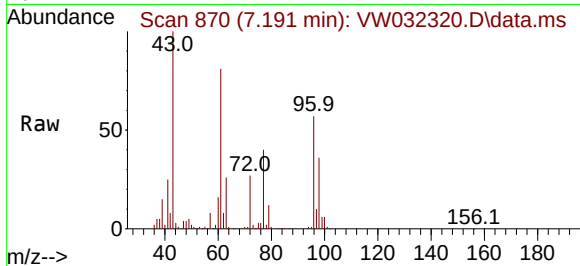


#27
 cis-1,2-Dichloroethene
 Concen: 50.954 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032320.D
 Acq: 01 Oct 2025 16:04

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 218943

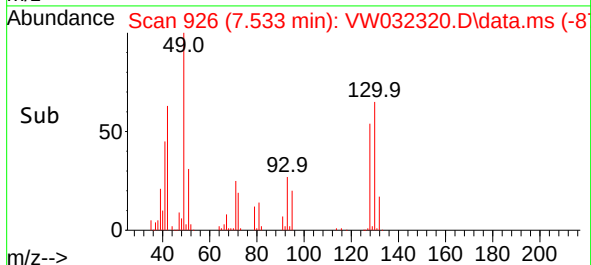
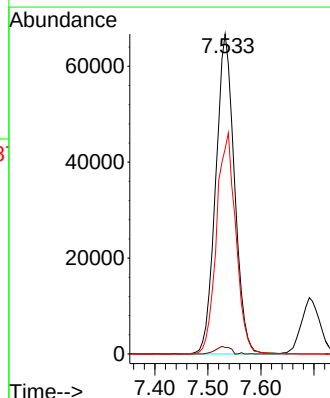
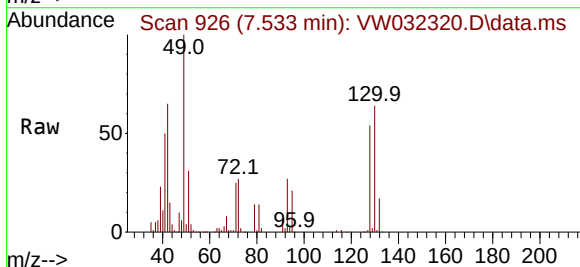
Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	268.0
98	63.9	0.0	130.8

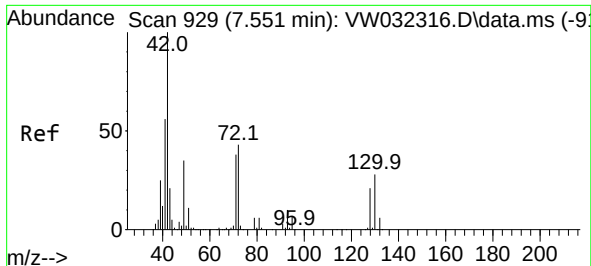


#28
 Bromochloromethane
 Concen: 50.575 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032320.D
 Acq: 01 Oct 2025 16:04

Tgt Ion: 49 Resp: 164051

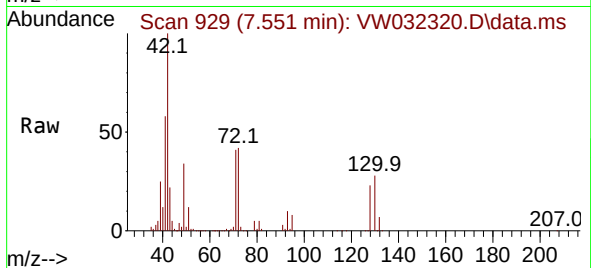
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	70.8	67.5	101.3



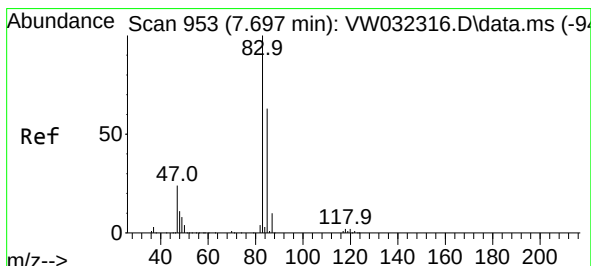
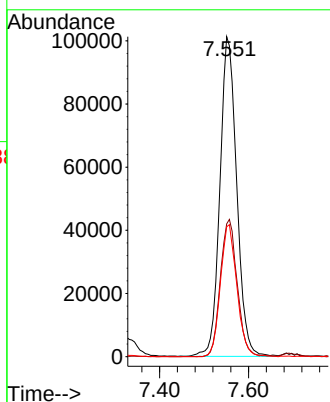
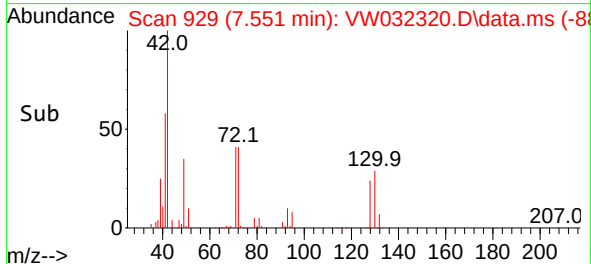


#29
Tetrahydrofuran
Concen: 267.648 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Instrument :
MSVOA_W
ClientSampleId :

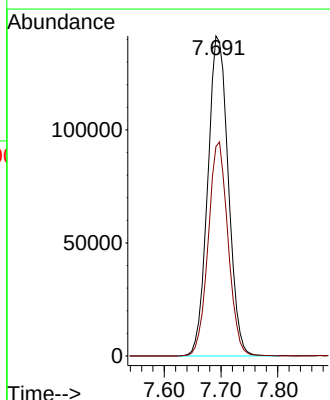
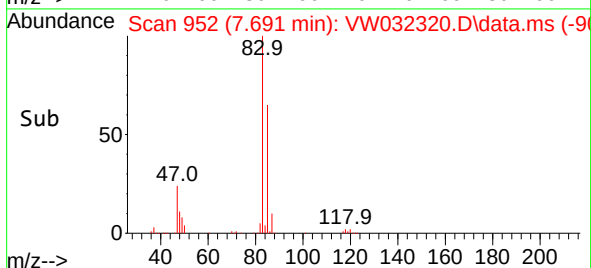
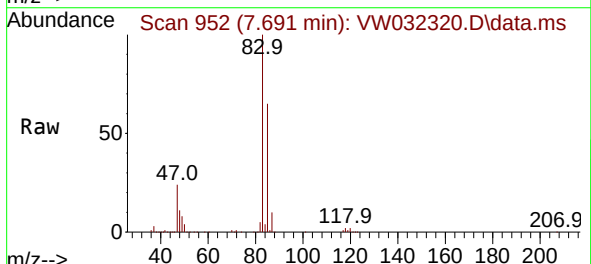


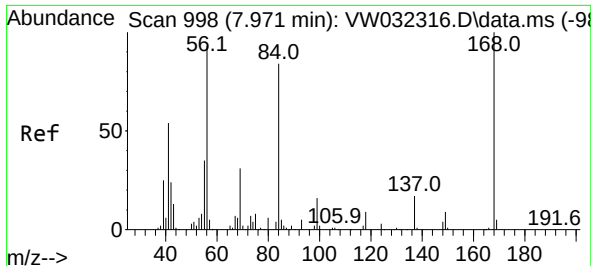
Tgt Ion: 42 Resp: 265382
Ion Ratio Lower Upper
42 100
72 42.9 37.4 56.2
71 40.4 36.0 54.0



#30
Chloroform
Concen: 50.980 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 83 Resp: 356459
Ion Ratio Lower Upper
83 100
85 65.4 51.2 76.8

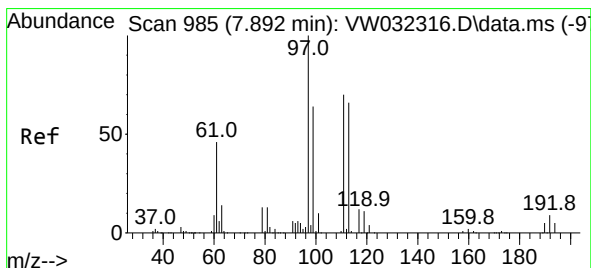
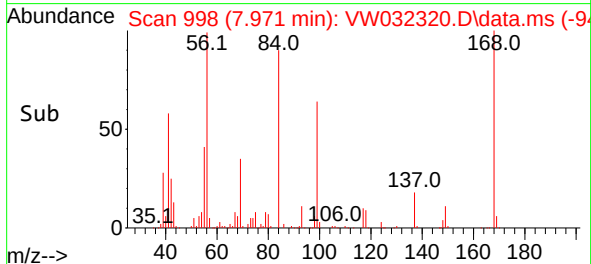
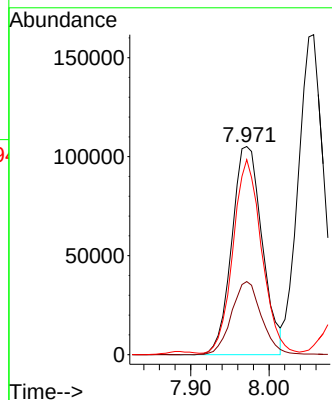
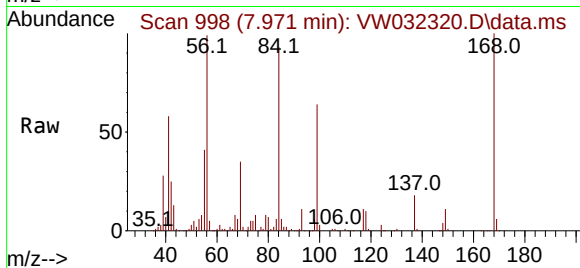




#31
Cyclohexane
Concen: 48.179 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

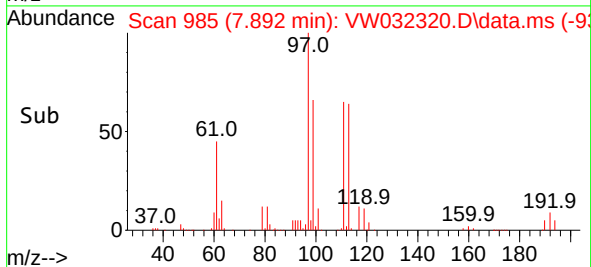
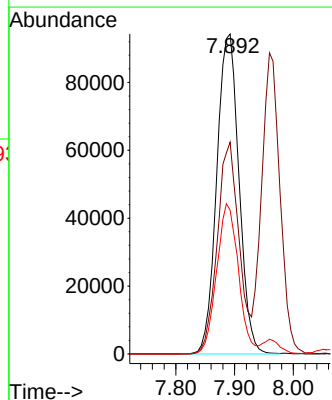
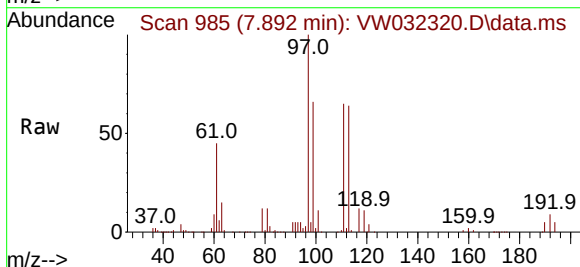
Instrument :
MSVOA_W
ClientSampleId :

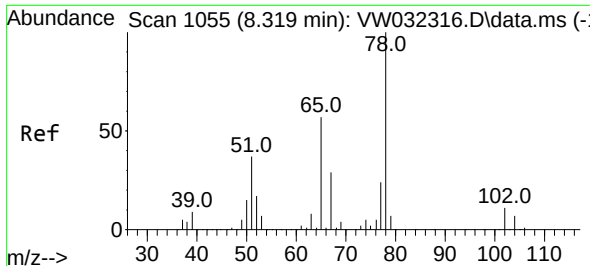
Tgt Ion: 56 Resp: 283574
Ion Ratio Lower Upper
56 100
69 35.2 27.7 41.5
84 92.2 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 49.989 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 97 Resp: 247681
Ion Ratio Lower Upper
97 100
99 65.0 50.9 76.3
61 46.2 36.2 54.4

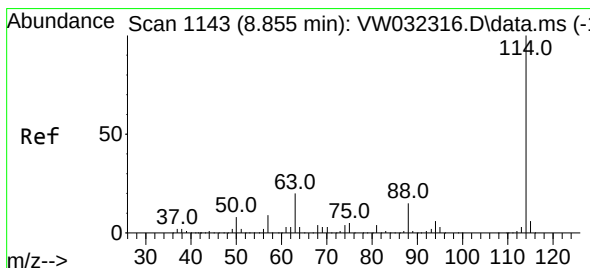
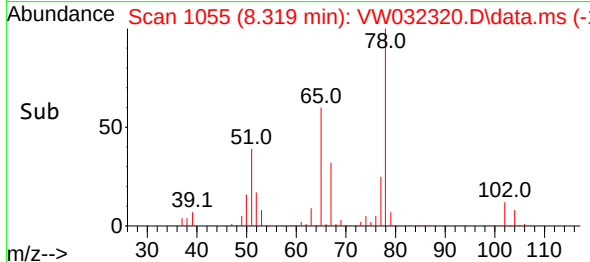
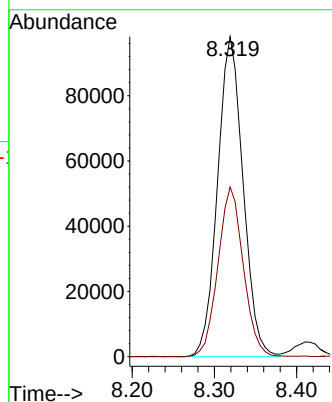
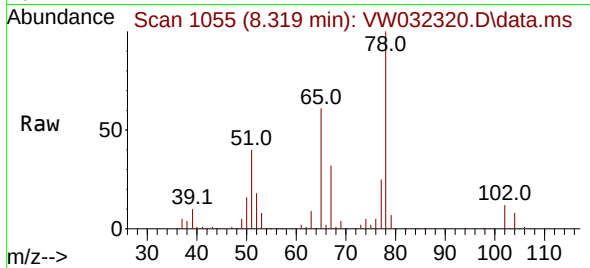




#33
 1,2-Dichloroethane-d4
 Concen: 50.638 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032320.D
 Acq: 01 Oct 2025 16:04

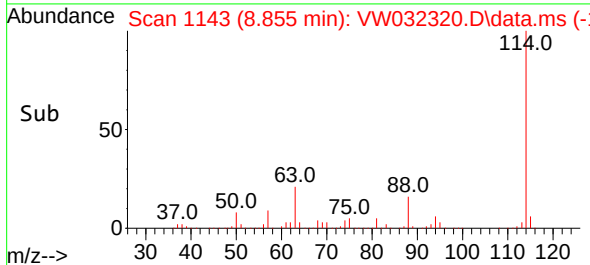
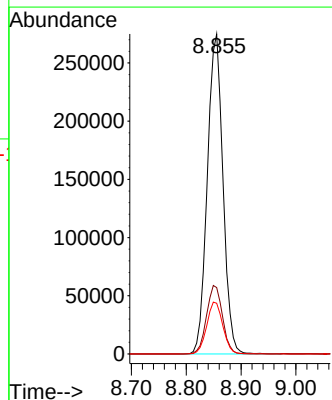
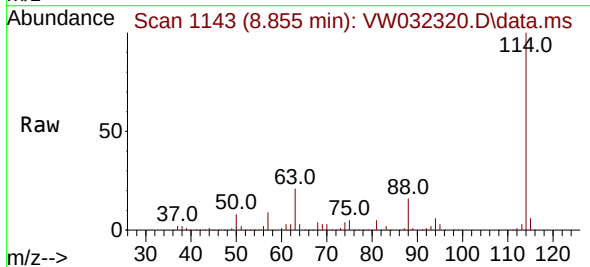
Instrument :
 MSVOA_W
 ClientSampleId :

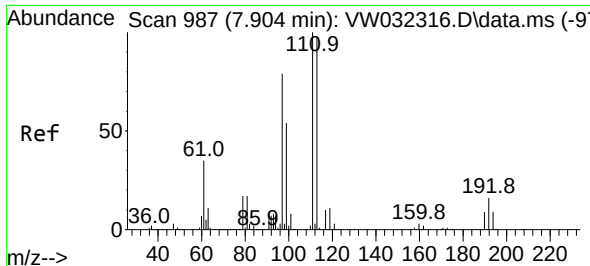
Tgt Ion: 65 Resp: 211714
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032320.D
 Acq: 01 Oct 2025 16:04

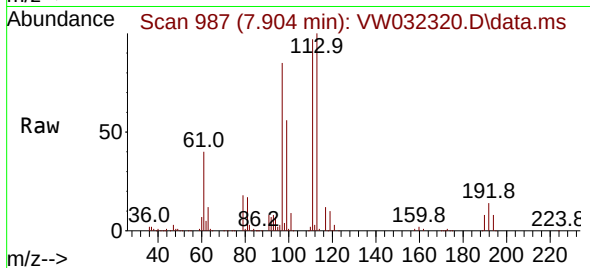
Tgt Ion: 114 Resp: 542900
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.4
 88 15.9 0.0 32.0



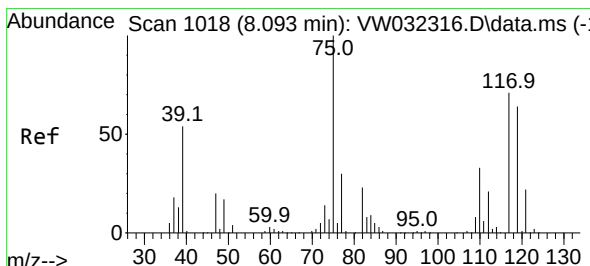
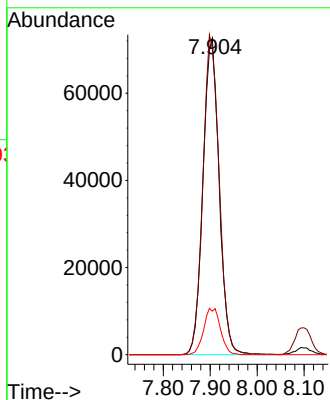
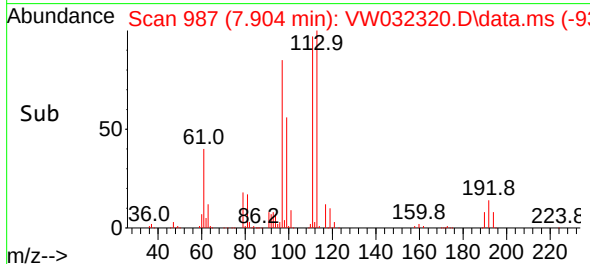


#35
Dibromofluoromethane
Concen: 49.108 ug/l
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

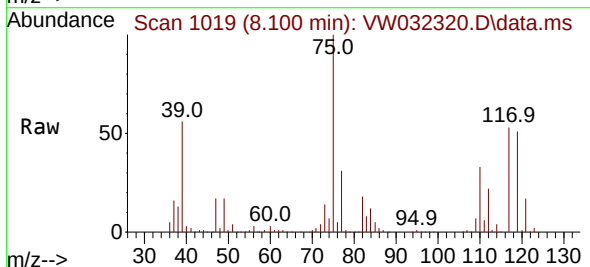
Instrument :
MSVOA_W
ClientSampleId :



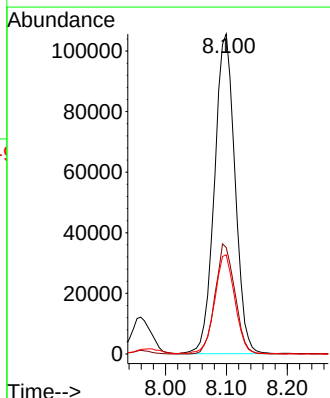
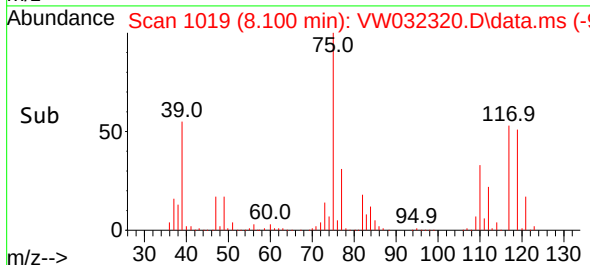
Tgt Ion:113 Resp: 172657
Ion Ratio Lower Upper
113 100
111 102.1 83.9 125.9
192 15.3 14.6 21.8

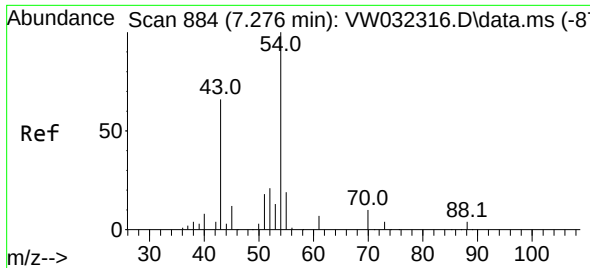


#36
1,1-Dichloropropene
Concen: 49.661 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04



Tgt Ion: 75 Resp: 246414
Ion Ratio Lower Upper
75 100
110 33.2 17.5 52.5
77 30.9 24.1 36.1

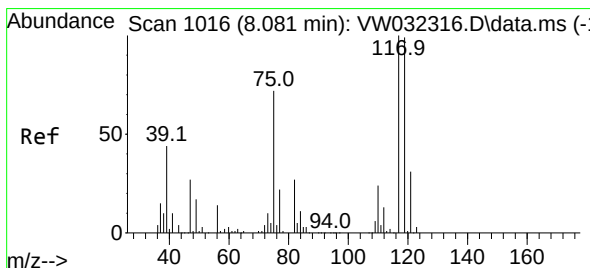
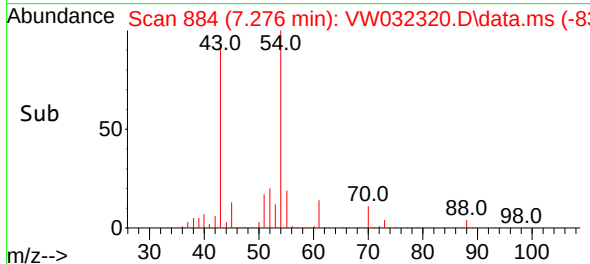
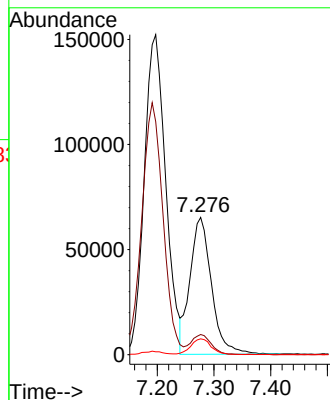
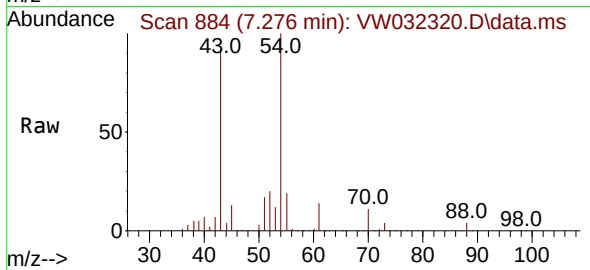




#37
Ethyl Acetate
Concen: 51.871 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

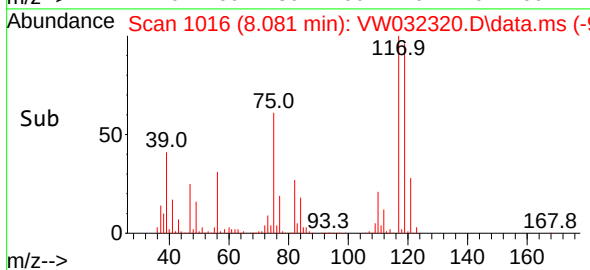
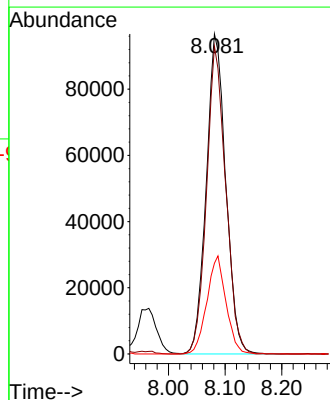
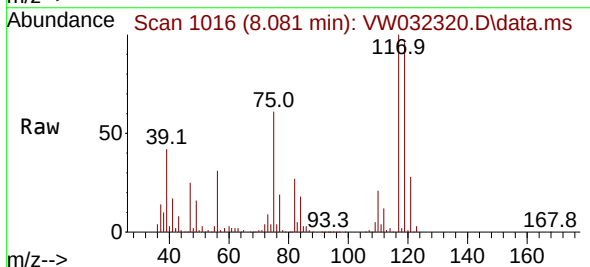
Instrument :
MSVOA_W
ClientSampleId :

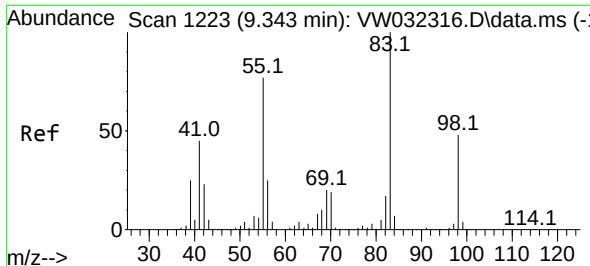
Tgt Ion: 43 Resp: 171315
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 11.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.617 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 117 Resp: 231677
Ion Ratio Lower Upper
117 100
119 96.2 74.2 111.2
121 28.3 25.6 38.4

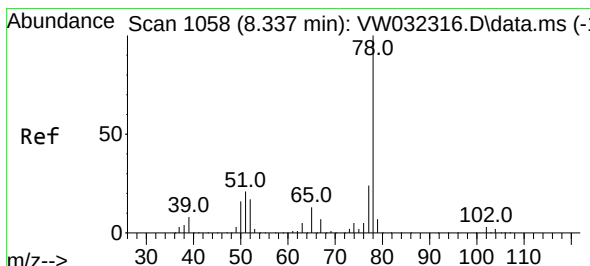
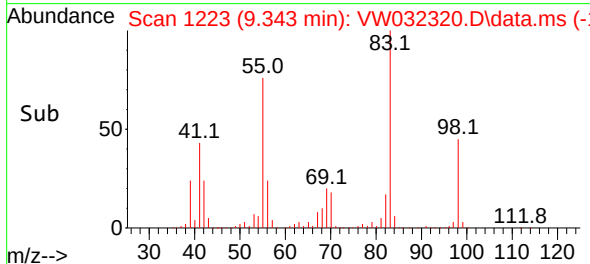
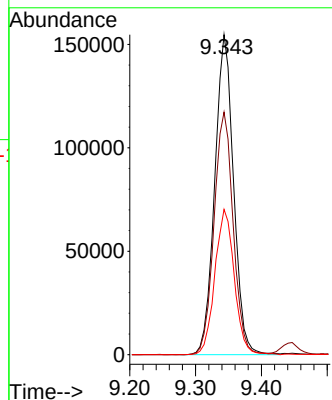
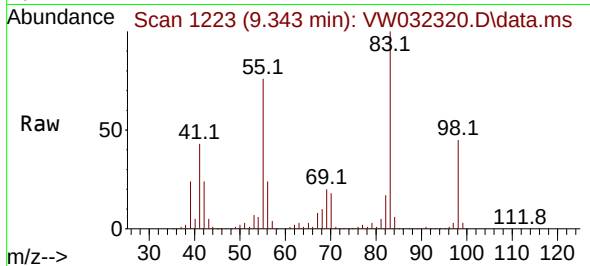




#39
Methylcyclohexane
Concen: 51.537 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

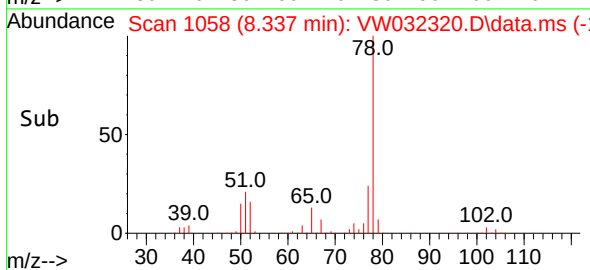
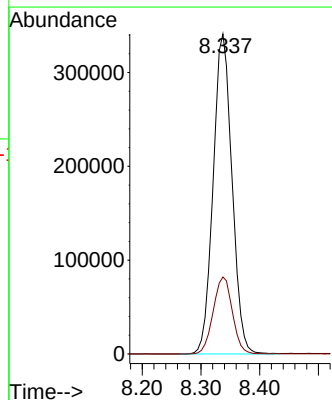
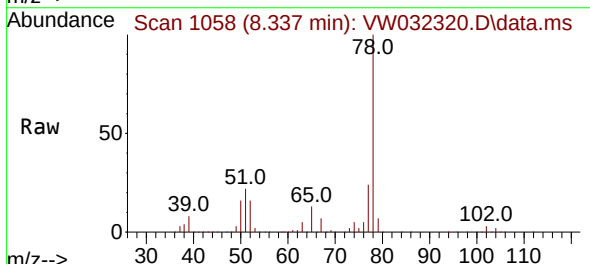
Instrument :
MSVOA_W
ClientSampleId :

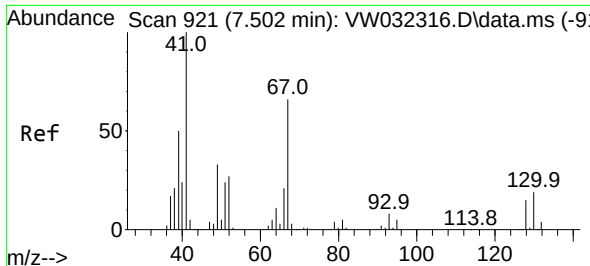
Tgt Ion: 83 Resp: 308455
Ion Ratio Lower Upper
83 100
55 75.8 58.4 87.6
98 45.4 39.4 59.2



#40
Benzene
Concen: 48.794 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 78 Resp: 758892
Ion Ratio Lower Upper
78 100
77 24.0 20.7 31.1



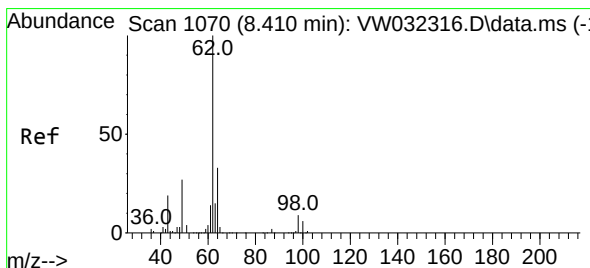
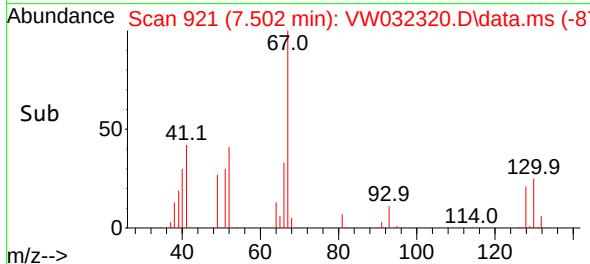
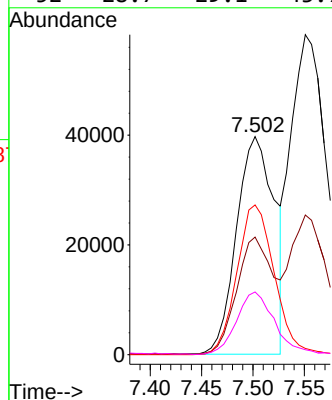
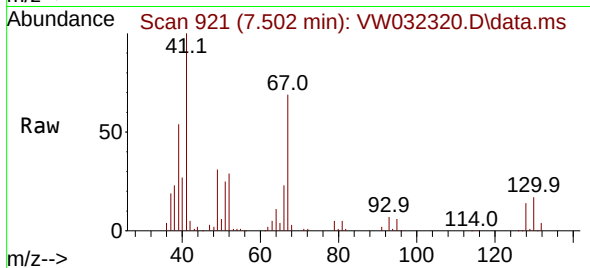


#41
Methacrylonitrile
Concen: 57.284 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 101959

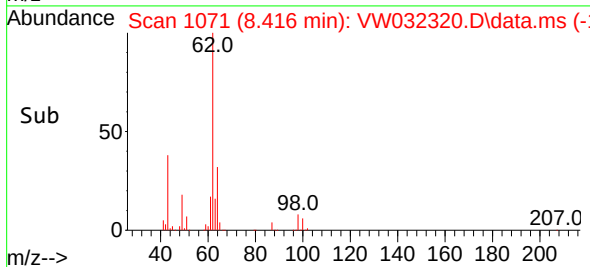
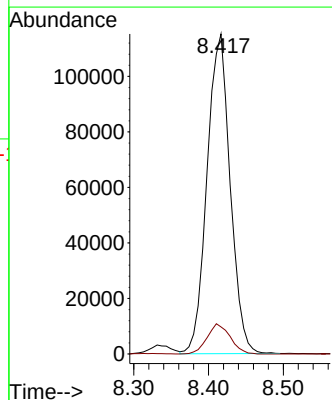
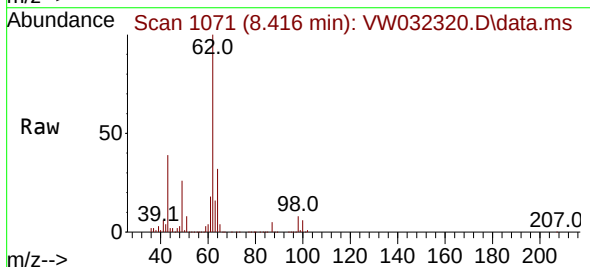
Ion	Ratio	Lower	Upper
41	100		
39	52.3	50.9	76.3
67	68.2	65.6	98.4
52	28.7	29.1	43.7#

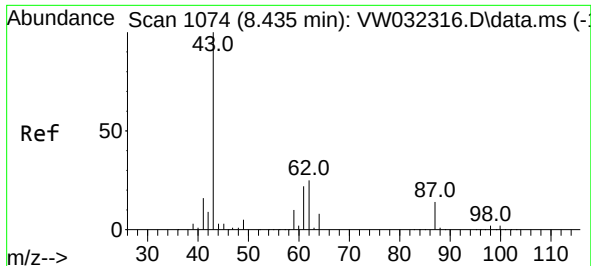


#42
1,2-Dichloroethane
Concen: 48.701 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 62 Resp: 247842

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

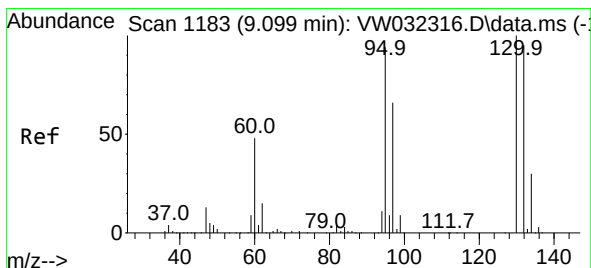
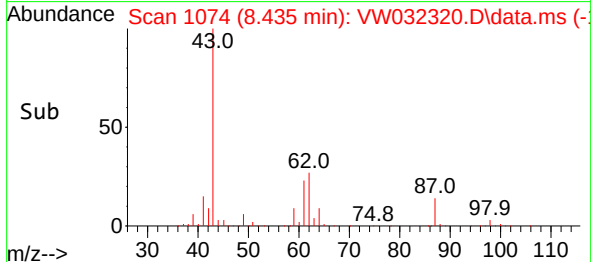
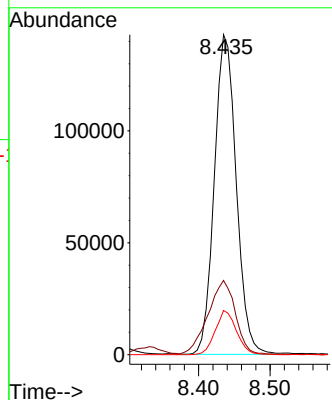
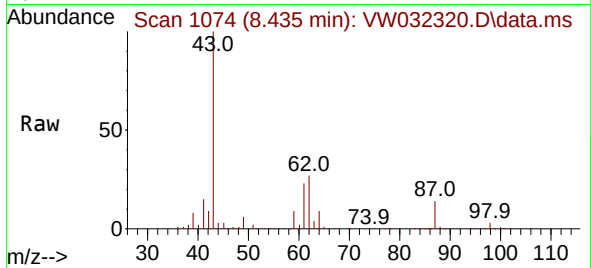




#43
Isopropyl Acetate
Concen: 51.877 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

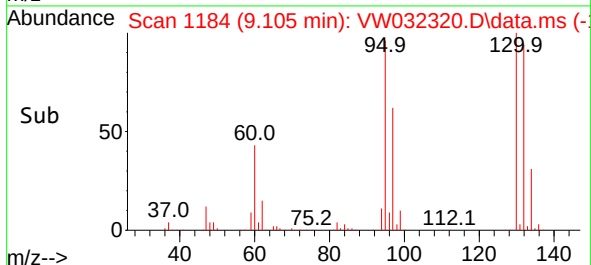
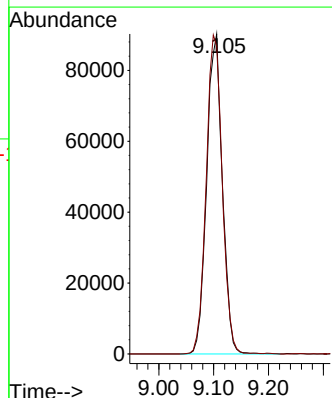
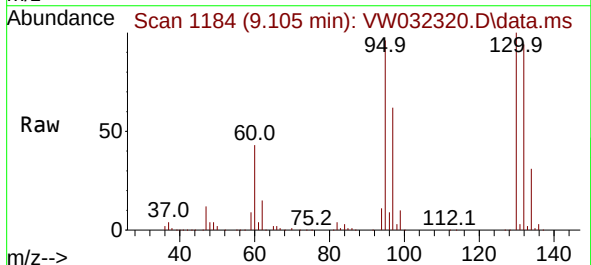
Instrument :
MSVOA_W
ClientSampleId :

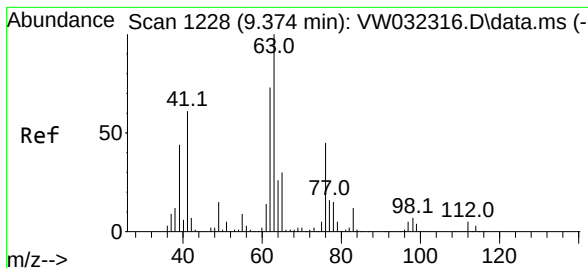
Tgt Ion: 43 Resp: 303946
Ion Ratio Lower Upper
43 100
61 29.1 23.3 34.9
87 13.4 11.1 16.7



#44
Trichloroethene
Concen: 48.904 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion:130 Resp: 178095
Ion Ratio Lower Upper
130 100
95 96.2 0.0 220.0





#45

1,2-Dichloropropane

Concen: 49.299 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

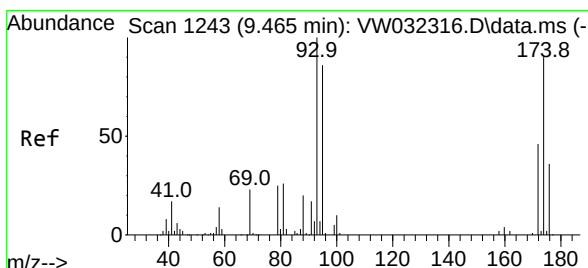
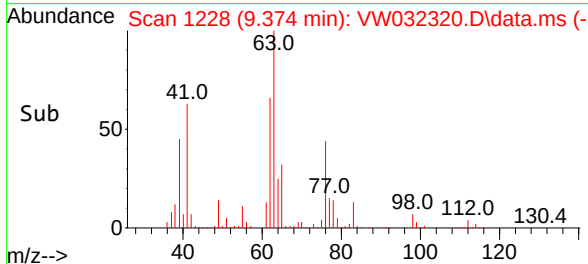
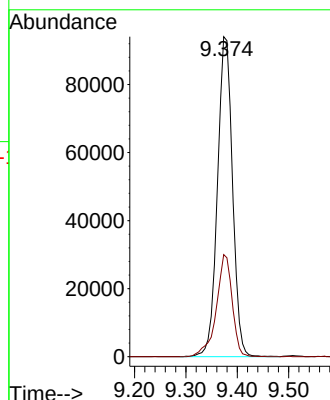
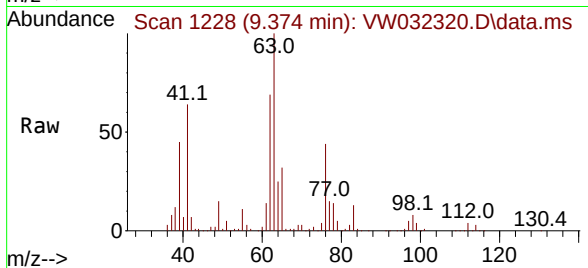
ClientSampleId :

Tgt Ion: 63 Resp: 191384

Ion Ratio Lower Upper

63 100

65 31.9 24.3 36.5



#46

Dibromomethane

Concen: 49.841 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

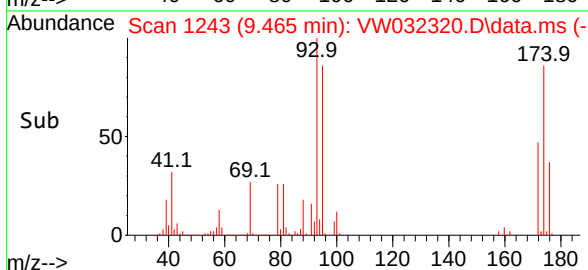
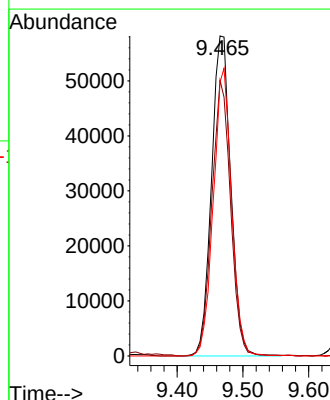
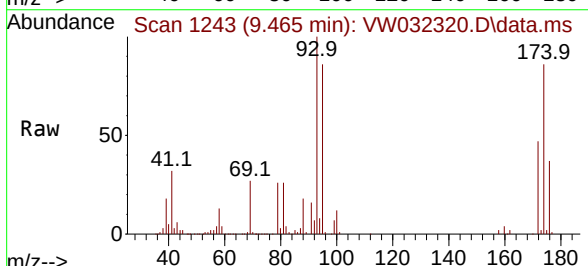
Tgt Ion: 93 Resp: 118979

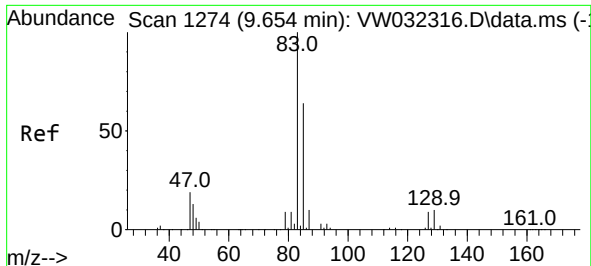
Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.2

174 84.9 75.7 113.5

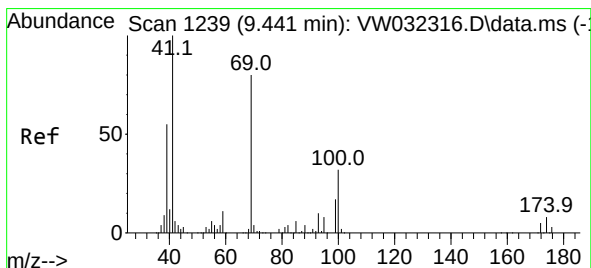
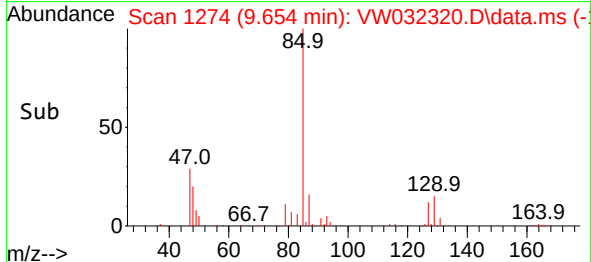
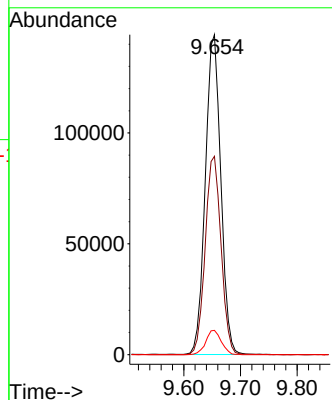
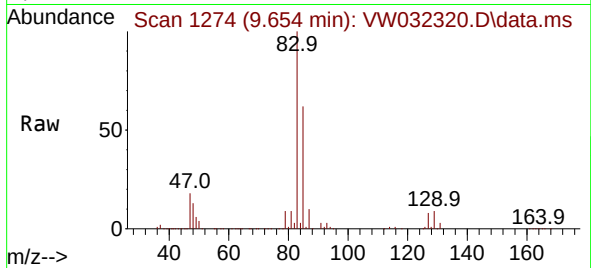




#47
Bromodichloromethane
Concen: 50.162 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

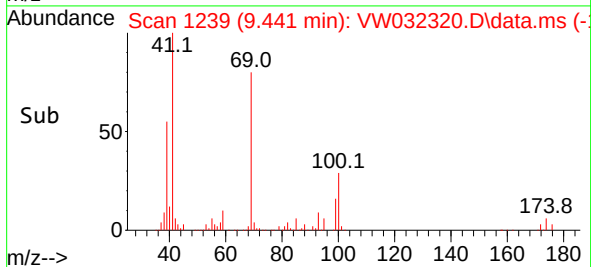
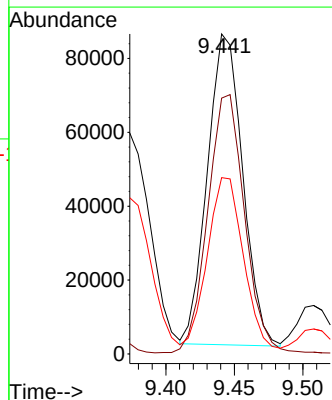
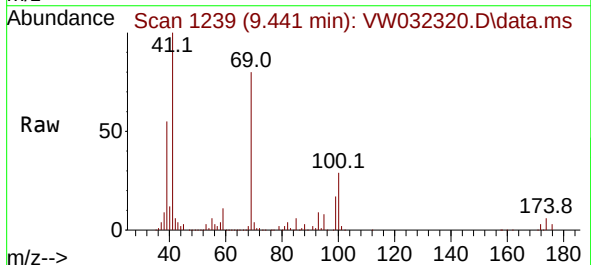
Instrument :
MSVOA_W
ClientSampleId :

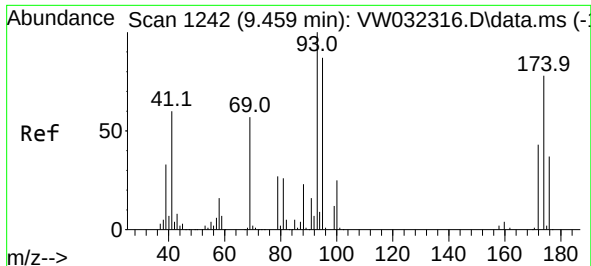
Tgt Ion: 83 Resp: 273884
Ion Ratio Lower Upper
83 100
85 62.0 48.7 73.1
127 7.6 6.4 9.6



#48
Methyl methacrylate
Concen: 52.884 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 41 Resp: 150648
Ion Ratio Lower Upper
41 100
69 87.7 71.5 107.3
39 55.2 55.9 83.9#





#49

1,4-Dioxane

Concen: 1058.229 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

ClientSampleId :

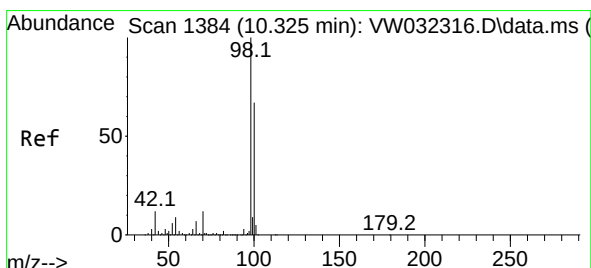
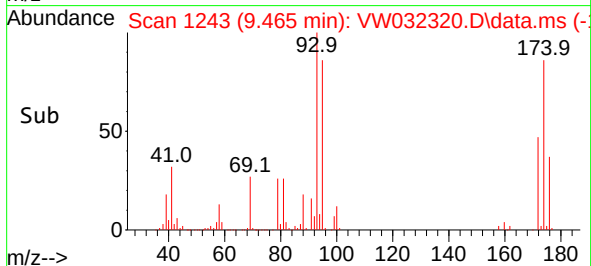
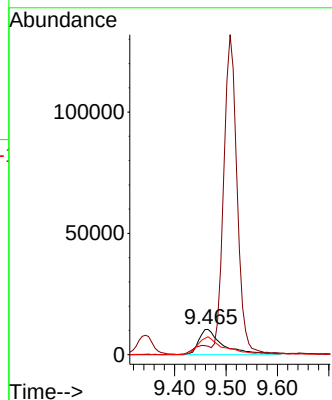
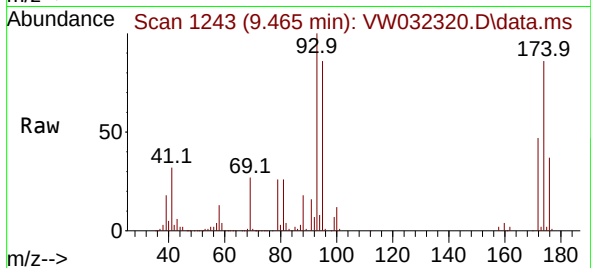
Tgt Ion: 88 Resp: 34528

Ion Ratio Lower Upper

88 100

43 25.4 18.0 27.0

58 70.1 55.4 83.0



#50

Toluene-d8

Concen: 49.731 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032320.D

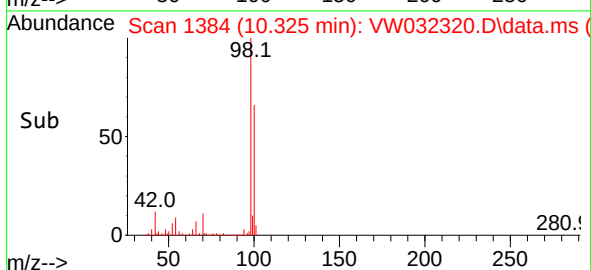
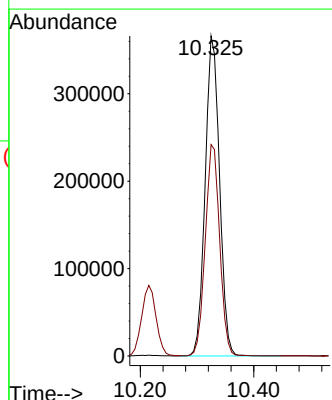
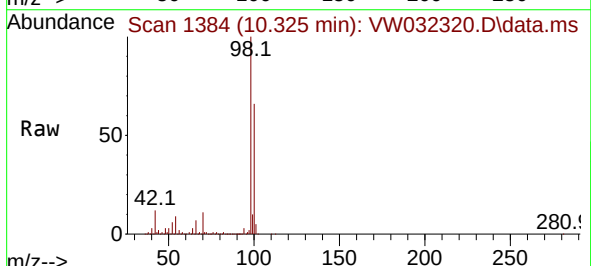
Acq: 01 Oct 2025 16:04

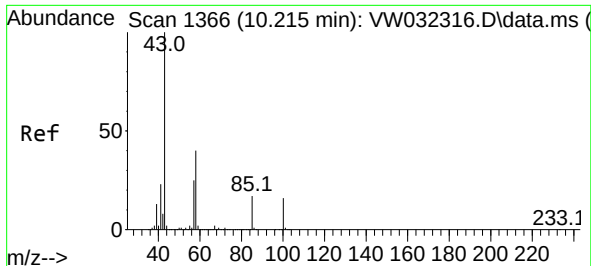
Tgt Ion: 98 Resp: 645322

Ion Ratio Lower Upper

98 100

100 66.3 51.4 77.2

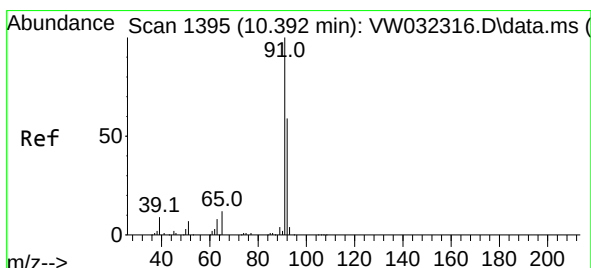
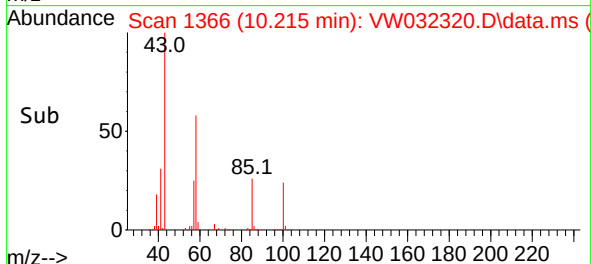
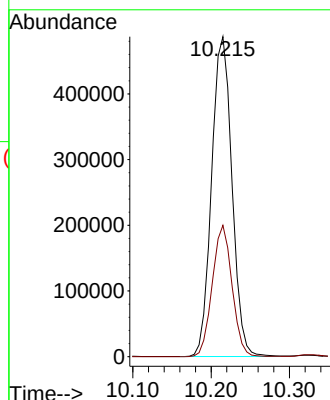
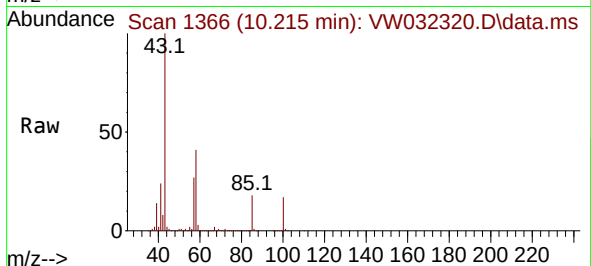




#51
4-Methyl-2-Pentanone
Concen: 258.790 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

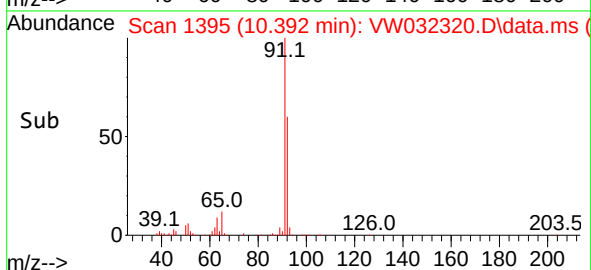
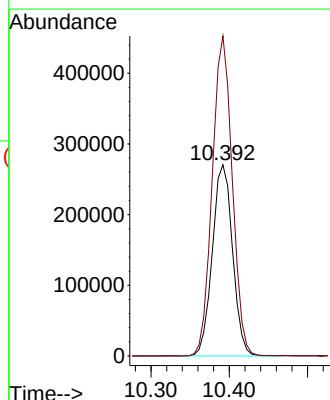
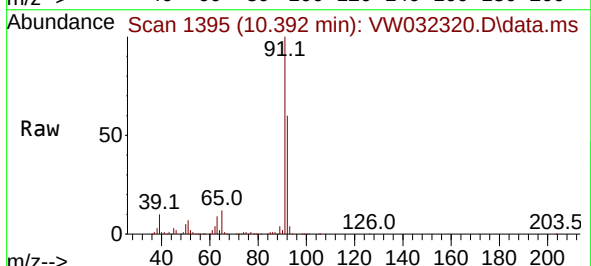
Instrument :
MSVOA_W
ClientSampleId :

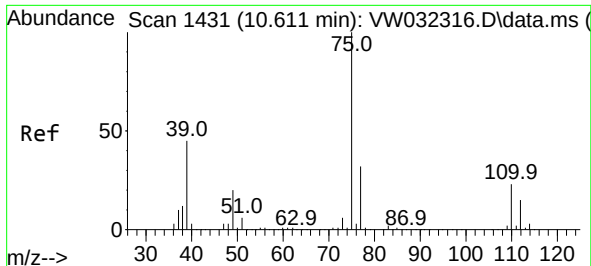
Tgt Ion: 43 Resp: 878208
Ion Ratio Lower Upper
43 100
58 39.9 32.0 48.0



#52
Toluene
Concen: 50.061 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 92 Resp: 484871
Ion Ratio Lower Upper
92 100
91 165.7 137.5 206.3

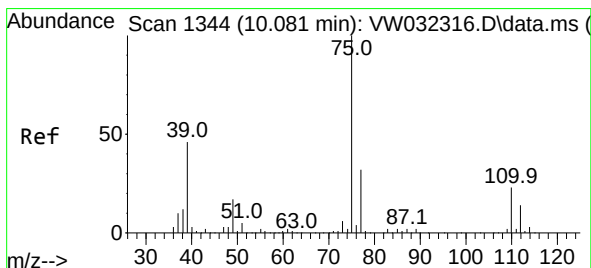
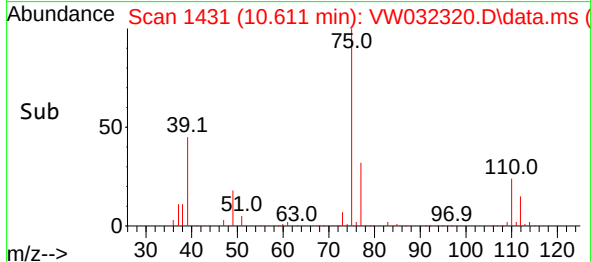
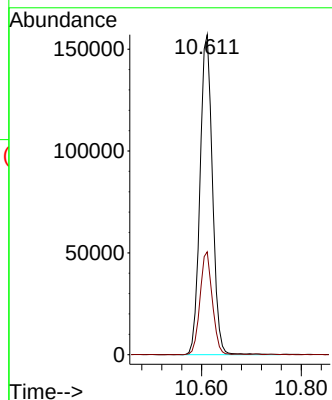
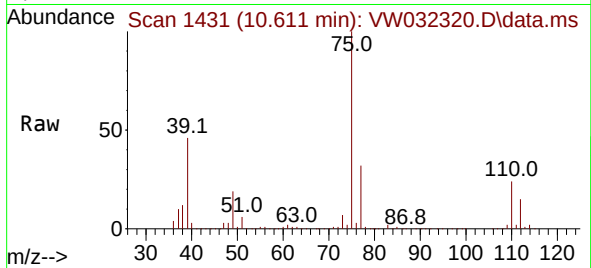




#53
t-1,3-Dichloropropene
Concen: 51.234 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

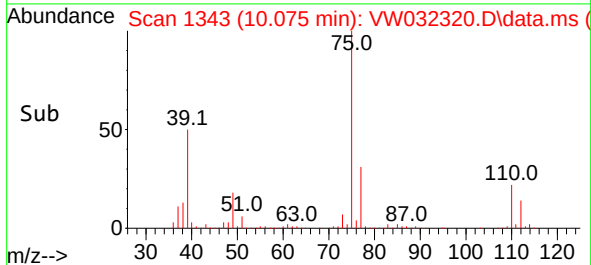
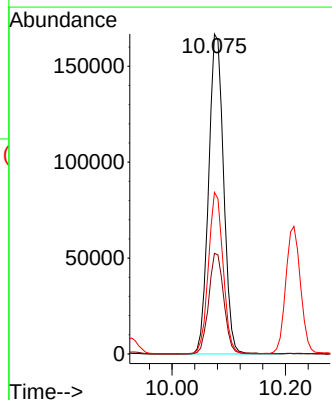
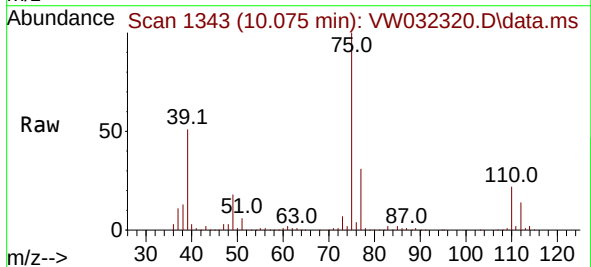
Instrument :
MSVOA_W
ClientSampleId :

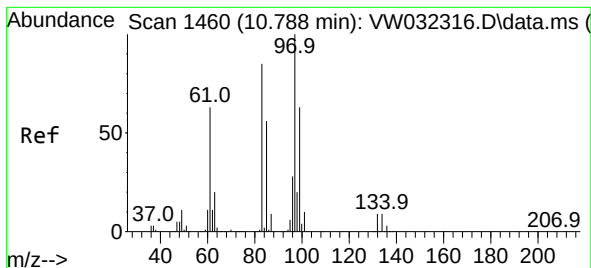
Tgt Ion: 75 Resp: 271391
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 50.209 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 75 Resp: 306358
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7
39 50.4 43.2 64.8



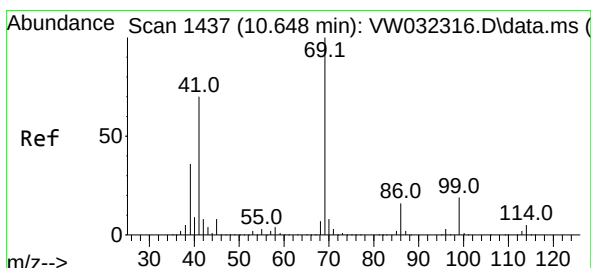
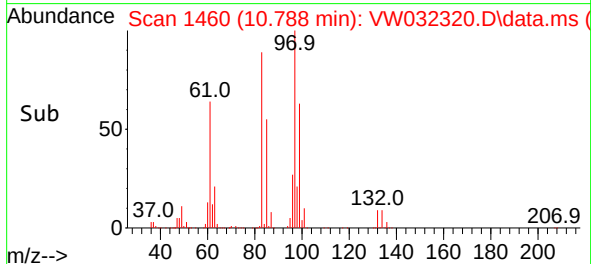
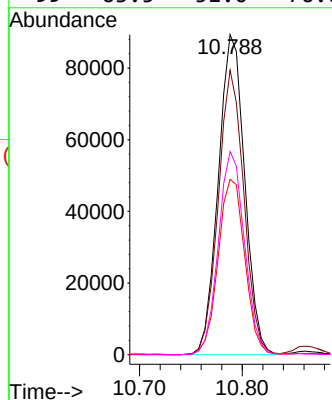
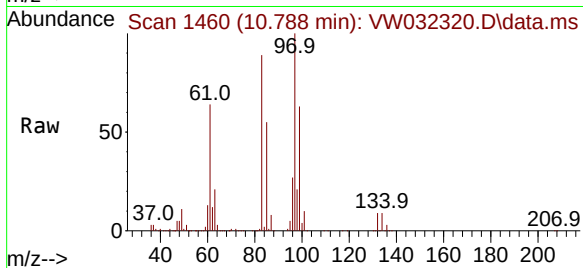


#55
1,1,2-Trichloroethane
Concen: 49.869 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 159106

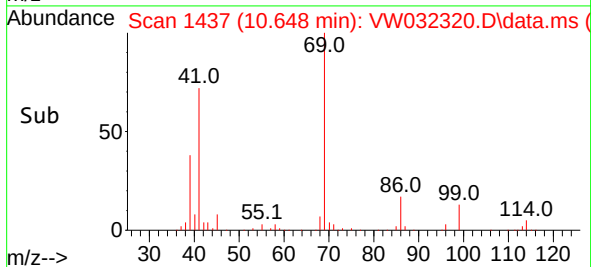
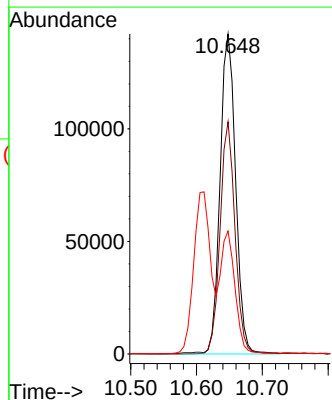
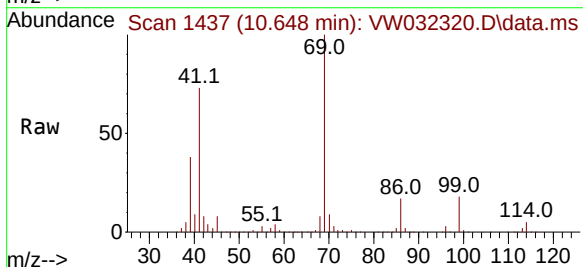
Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.0	106.6
85	54.8	42.8	64.2
99	63.5	51.0	76.6

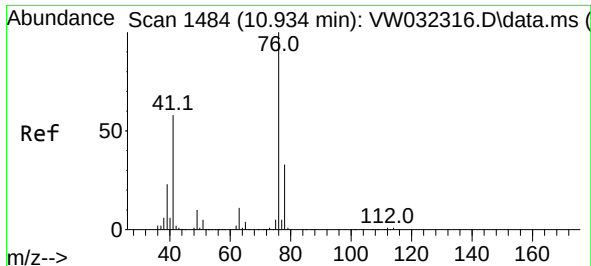


#56
Ethyl methacrylate
Concen: 52.367 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 69 Resp: 233853

Ion	Ratio	Lower	Upper
69	100		
41	70.4	53.2	79.8
39	35.0	32.9	49.3





#57

1,3-Dichloropropane

Concen: 49.394 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

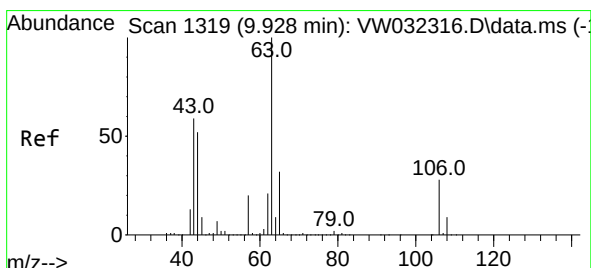
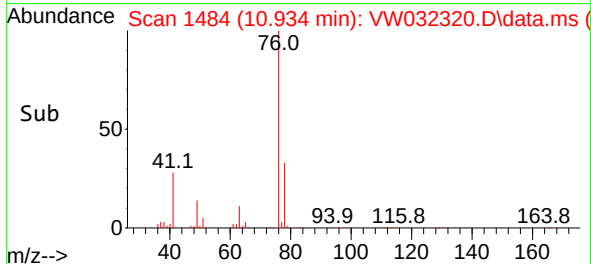
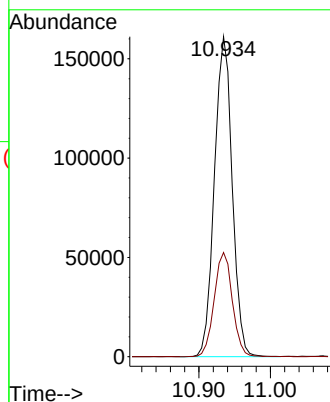
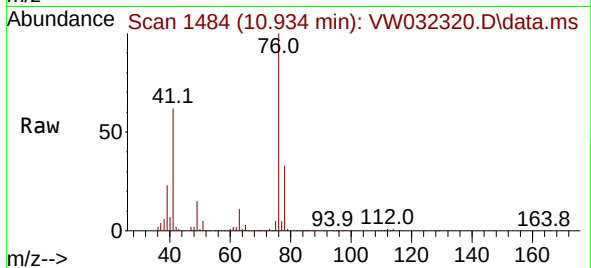
ClientSampleId :

Tgt Ion: 76 Resp: 278336

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 277.181 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032320.D

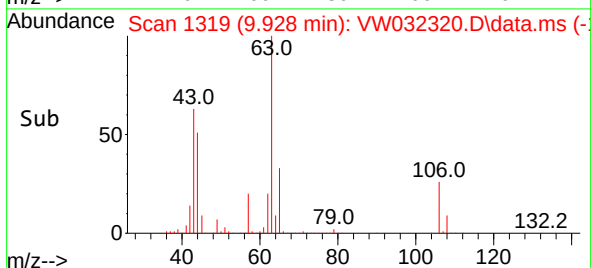
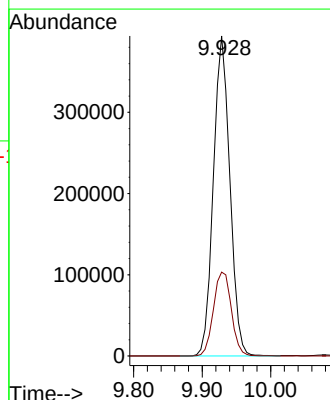
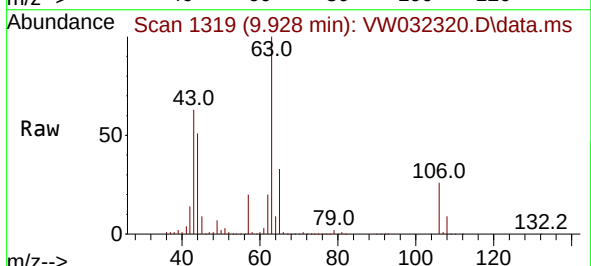
Acq: 01 Oct 2025 16:04

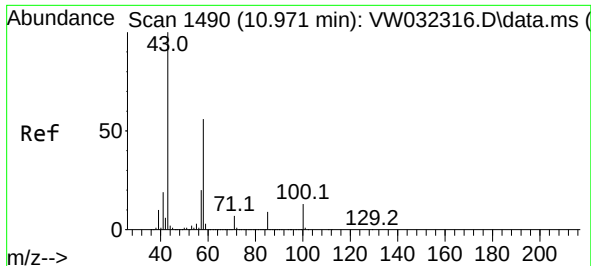
Tgt Ion: 63 Resp: 658757

Ion Ratio Lower Upper

63 100

106 28.4 24.3 36.5

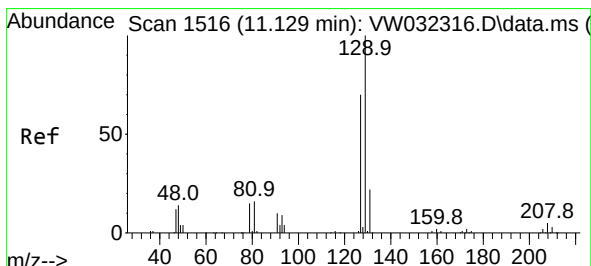
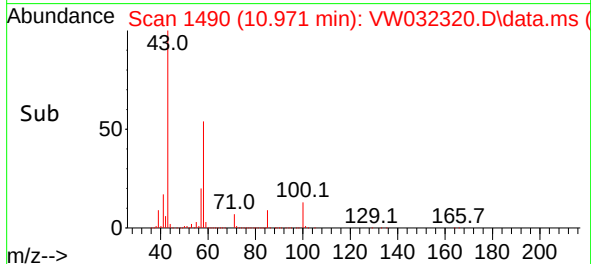
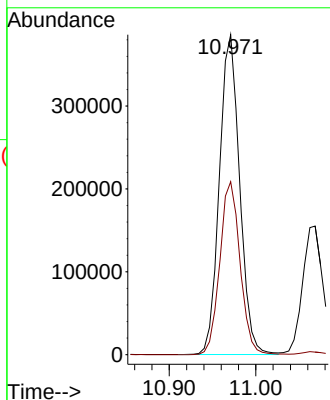
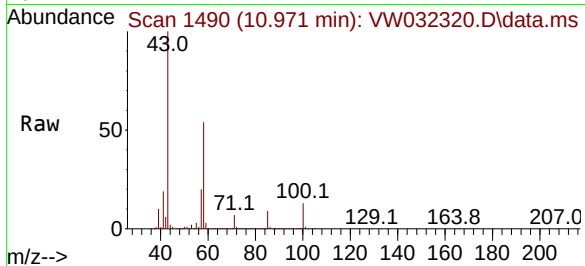




#59
2-Hexanone
Concen: 262.215 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

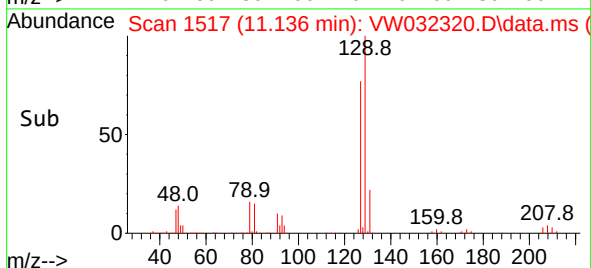
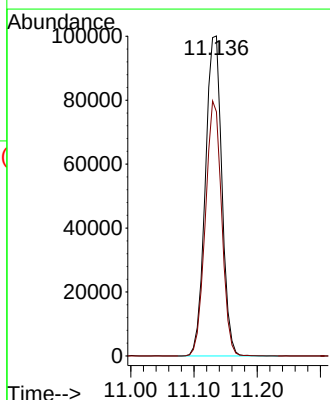
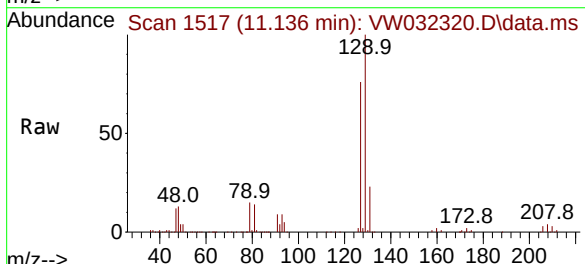
Instrument :
MSVOA_W
ClientSampleId :

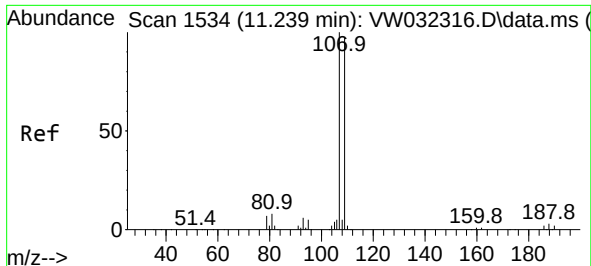
Tgt Ion: 43 Resp: 627586
Ion Ratio Lower Upper
43 100
58 54.0 27.5 82.4



#60
Dibromochloromethane
Concen: 50.187 ug/l
RT: 11.136 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

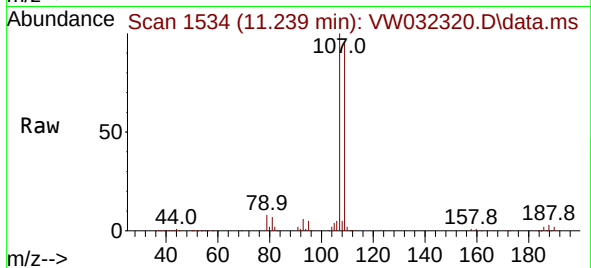
Tgt Ion:129 Resp: 181813
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.5



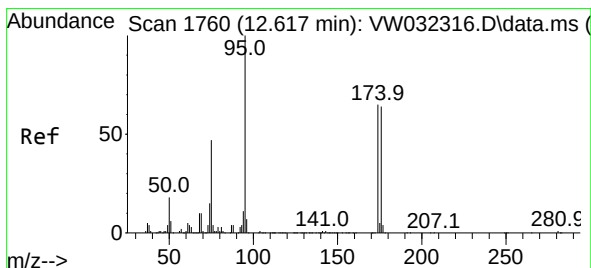
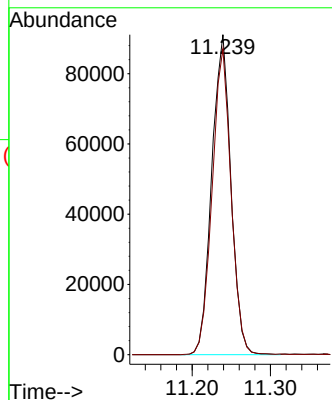
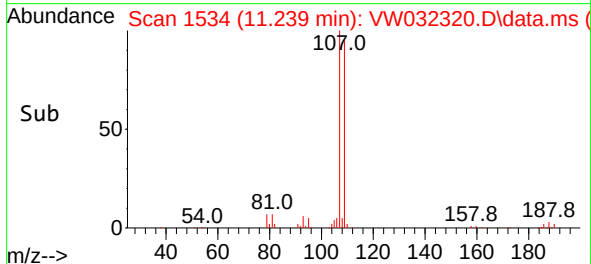


#61
1,2-Dibromoethane
Concen: 49.732 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

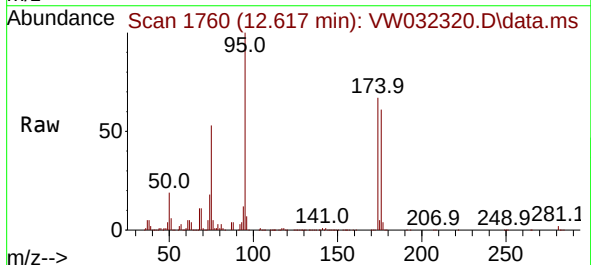
Instrument :
MSVOA_W
ClientSampleId :



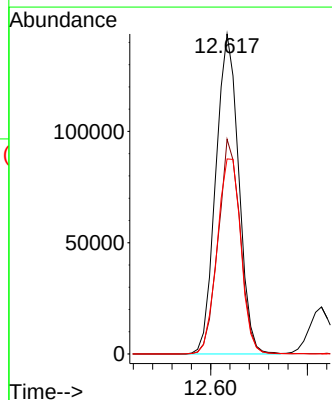
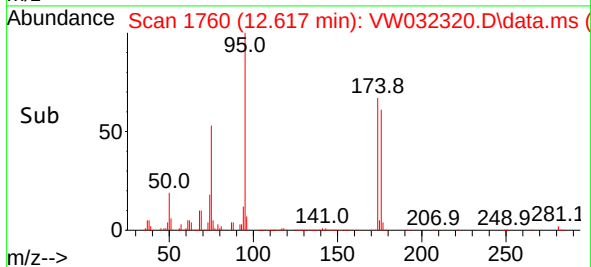
Tgt Ion:107 Resp: 154714
Ion Ratio Lower Upper
107 100
109 94.4 74.5 111.7

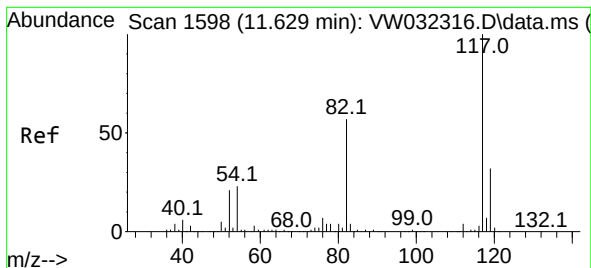


#62
4-Bromofluorobenzene
Concen: 48.218 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04



Tgt Ion: 95 Resp: 236491
Ion Ratio Lower Upper
95 100
174 64.6 0.0 145.6
176 63.3 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: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

ClientSampleId :

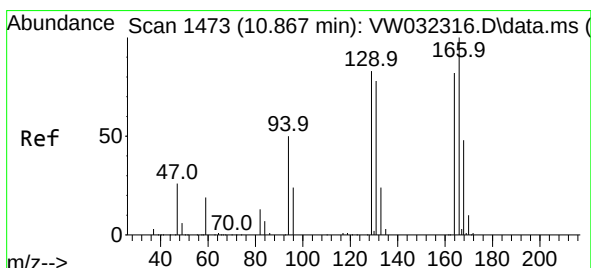
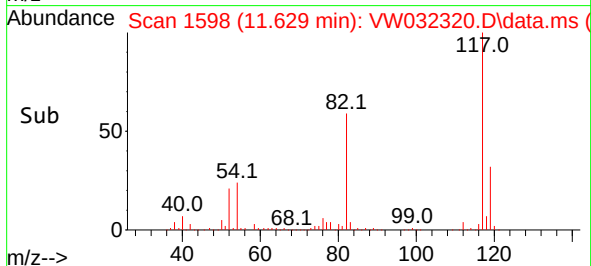
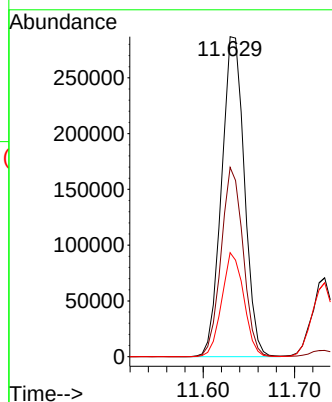
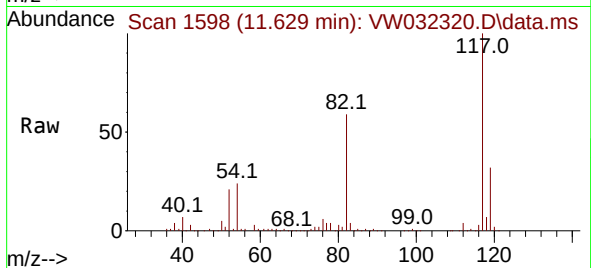
Tgt Ion:117 Resp: 498213

Ion Ratio Lower Upper

117 100

82 59.1 42.7 64.1

119 32.5 25.2 37.8



#64

Tetrachloroethene

Concen: 49.611 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Tgt Ion:164 Resp: 147899

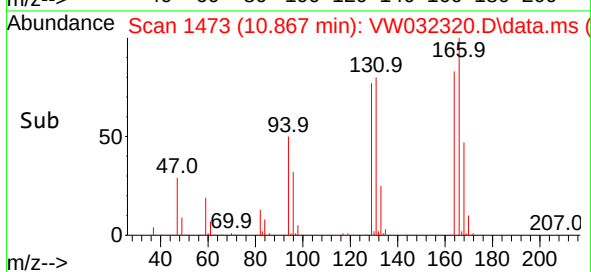
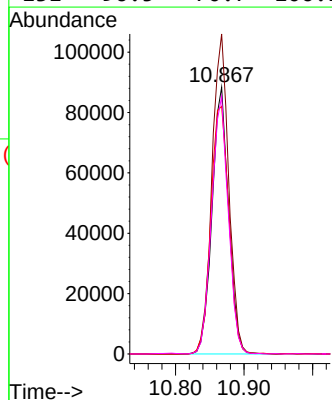
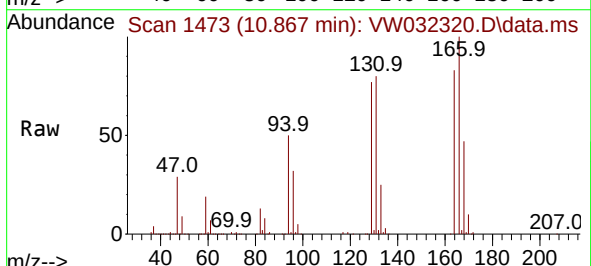
Ion Ratio Lower Upper

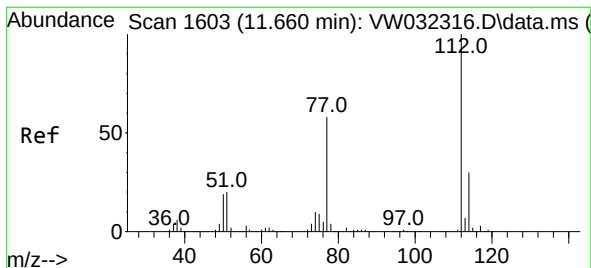
164 100

166 120.0 97.5 146.3

129 92.9 71.2 106.8

131 96.5 70.7 106.1





#65

Chlorobenzene

Concen: 48.862 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

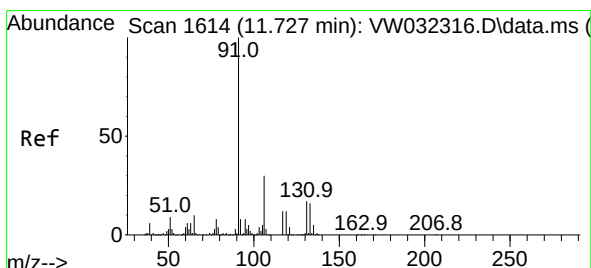
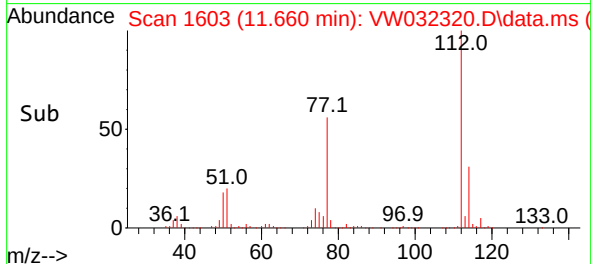
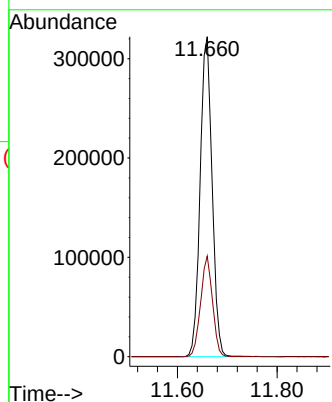
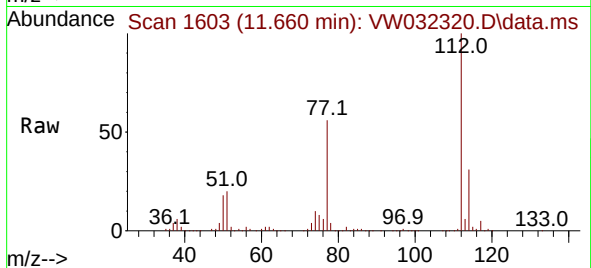
ClientSampleId :

Tgt Ion:112 Resp: 535619

Ion Ratio Lower Upper

112 100

114 31.4 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 48.644 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

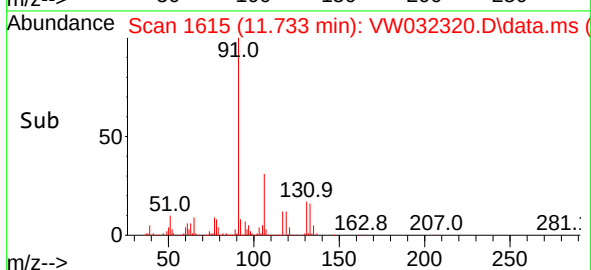
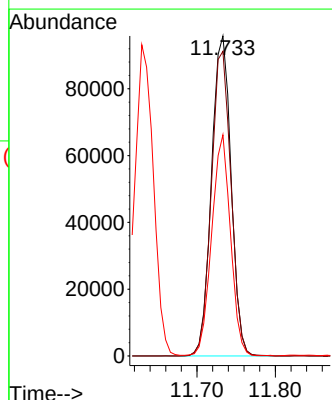
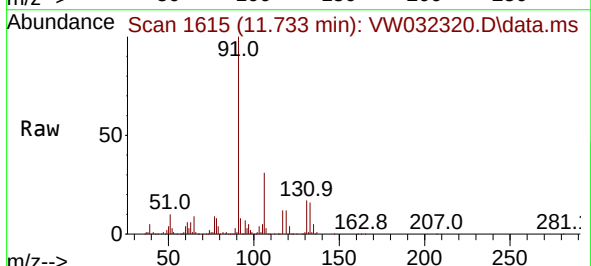
Tgt Ion:131 Resp: 166082

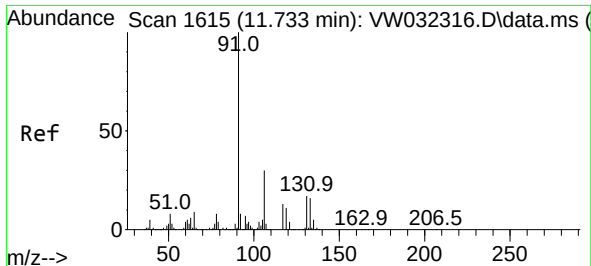
Ion Ratio Lower Upper

131 100

133 95.9 47.7 143.1

119 66.2 32.8 98.3





#67

Ethyl Benzene

Concen: 50.513 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

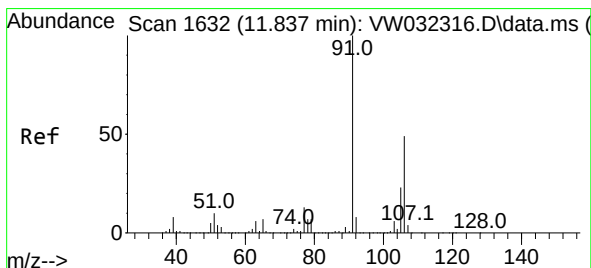
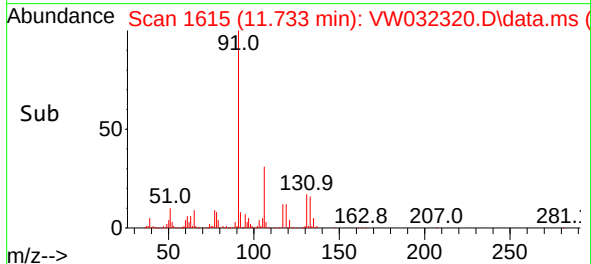
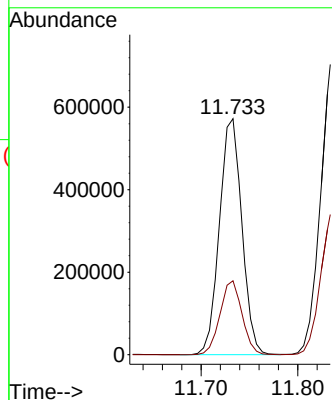
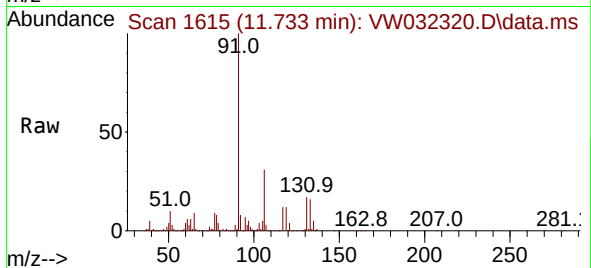
ClientSampleId :

Tgt Ion: 91 Resp: 922981

Ion Ratio Lower Upper

91 100

106 31.3 25.3 37.9



#68

m/p-Xylenes

Concen: 99.276 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032320.D

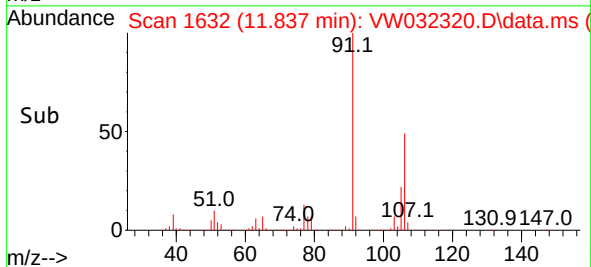
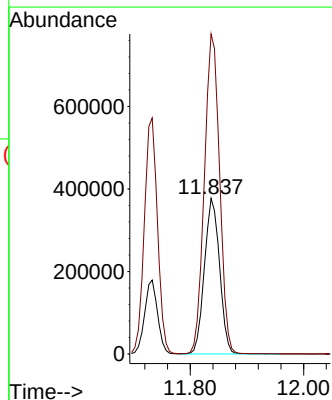
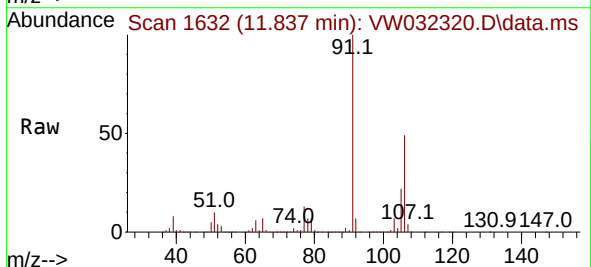
Acq: 01 Oct 2025 16:04

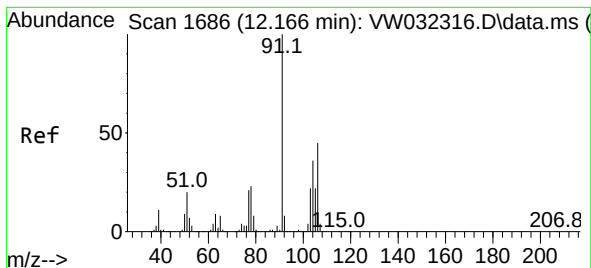
Tgt Ion:106 Resp: 699490

Ion Ratio Lower Upper

106 100

91 207.4 164.2 246.2

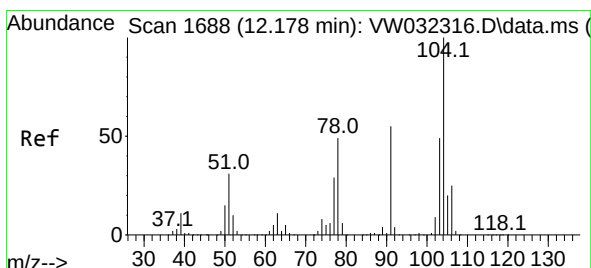
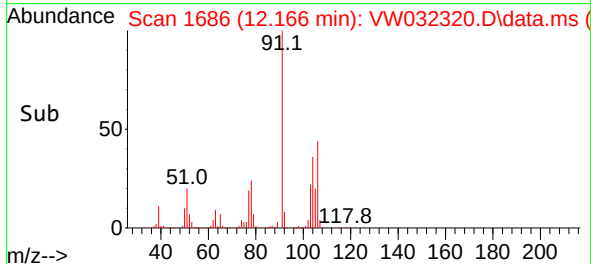
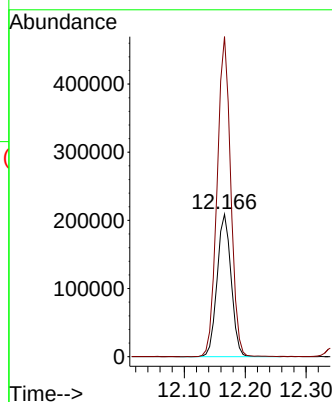
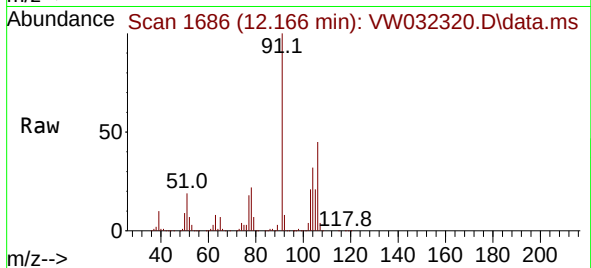




#69
o-Xylene
Concen: 50.523 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

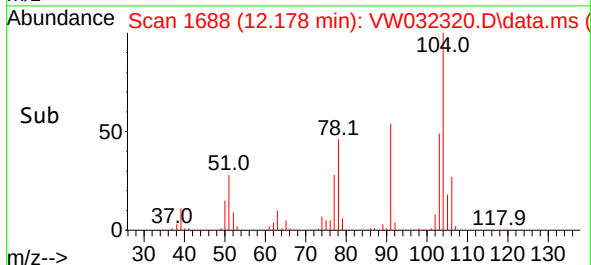
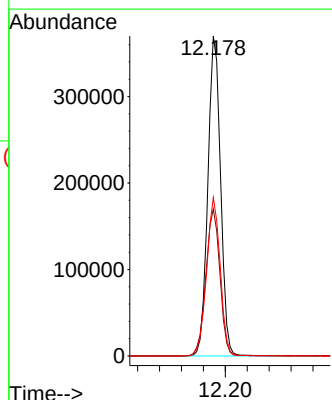
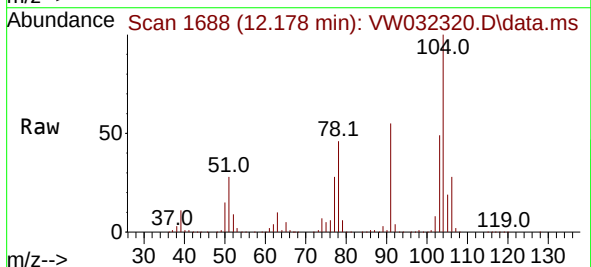
Instrument :
MSVOA_W
ClientSampleId :

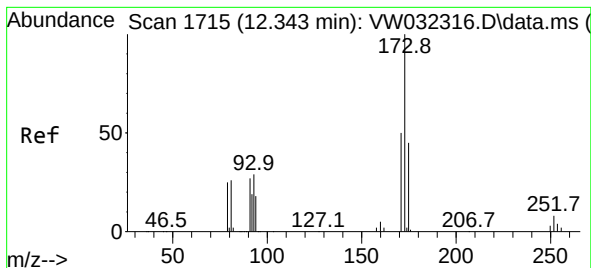
Tgt Ion:106 Resp: 332905
Ion Ratio Lower Upper
106 100
91 218.0 108.7 326.3



#70
Styrene
Concen: 51.667 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion:104 Resp: 594393
Ion Ratio Lower Upper
104 100
78 50.7 41.6 62.4
103 52.9 44.8 67.2





#71

Bromoform

Concen: 51.207 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

ClientSampleId :

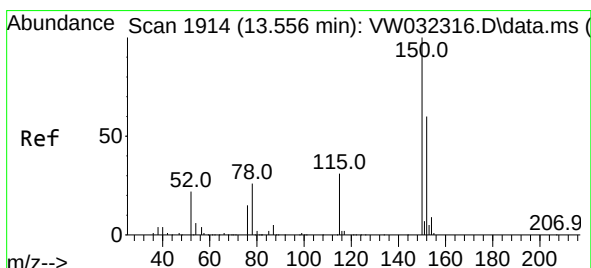
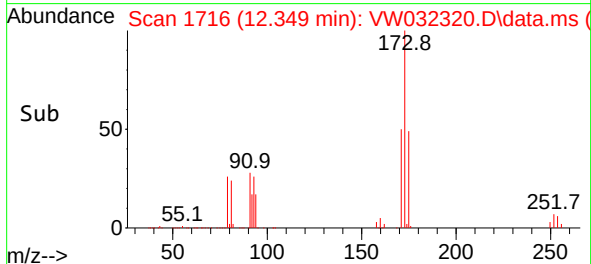
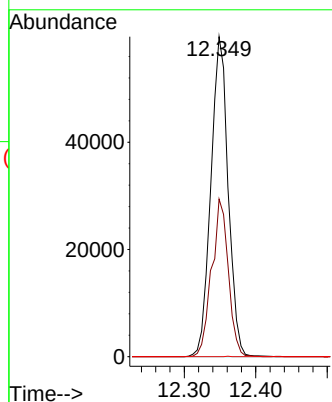
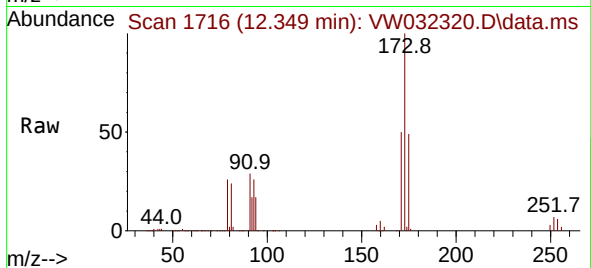
Tgt Ion:173 Resp: 100214

Ion Ratio Lower Upper

173 100

175 47.4 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: VW032320.D

Acq: 01 Oct 2025 16:04

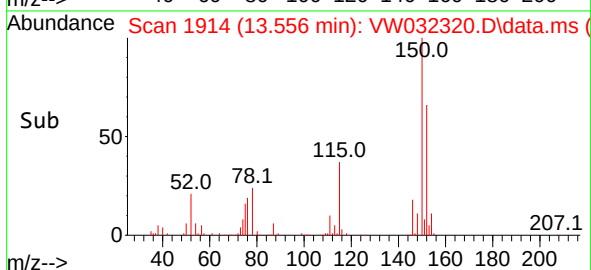
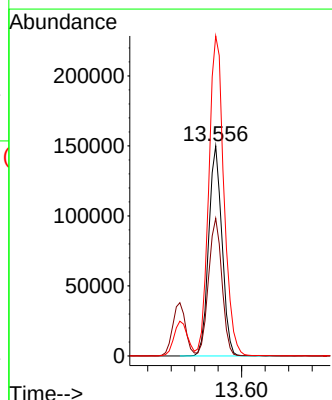
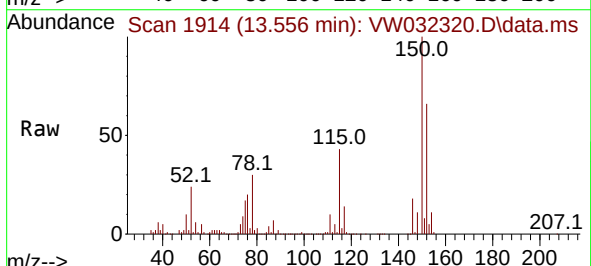
Tgt Ion:152 Resp: 235528

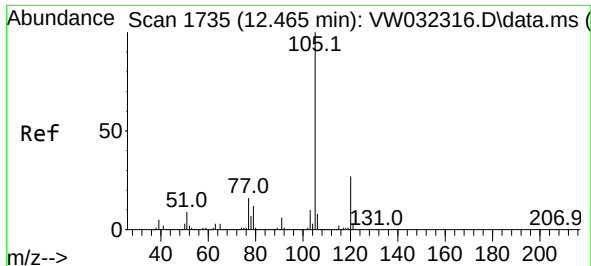
Ion Ratio Lower Upper

152 100

115 66.0 31.8 95.4

150 173.3 0.0 343.0

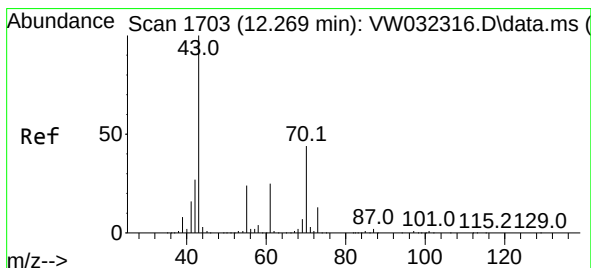
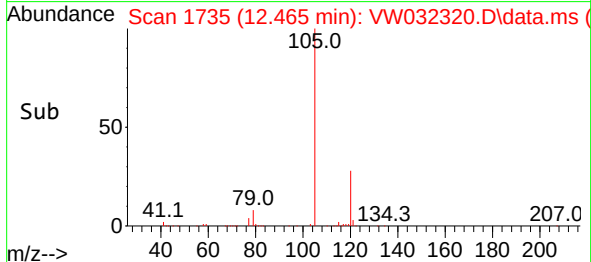
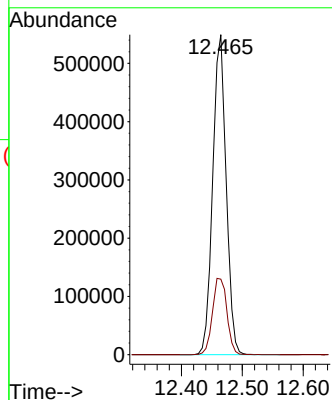
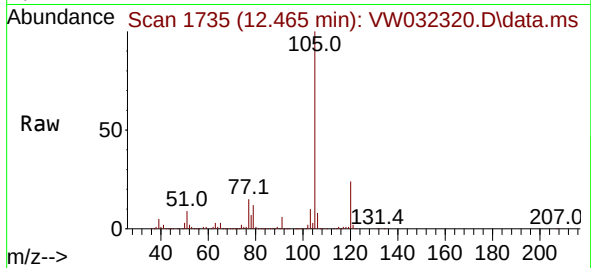




#73
Isopropylbenzene
Concen: 52.076 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

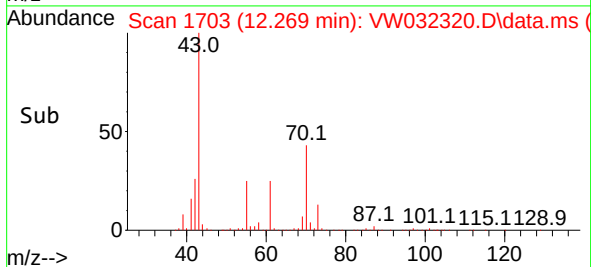
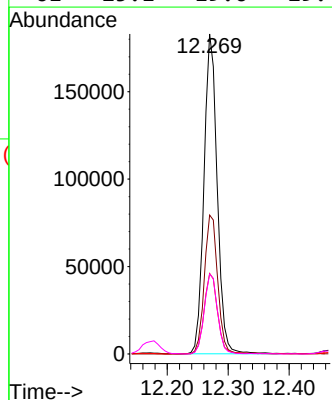
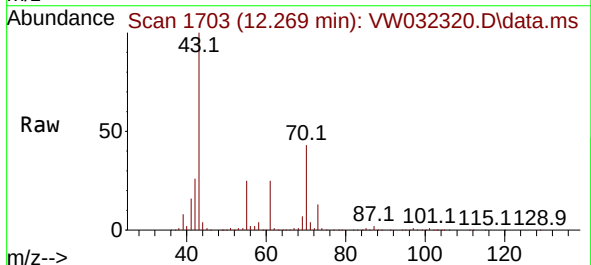
Instrument :
MSVOA_W
ClientSampleId :

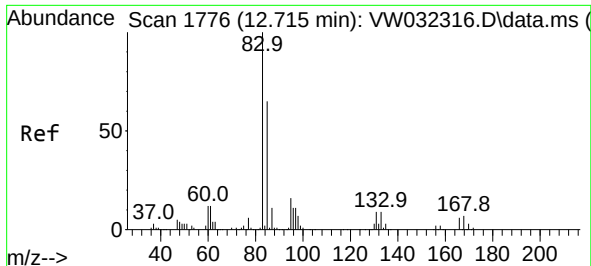
Tgt Ion:105 Resp: 839135
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 53.697 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 43 Resp: 276033
Ion Ratio Lower Upper
43 100
70 44.2 35.3 52.9
55 25.8 19.9 29.9
61 25.1 19.6 29.4

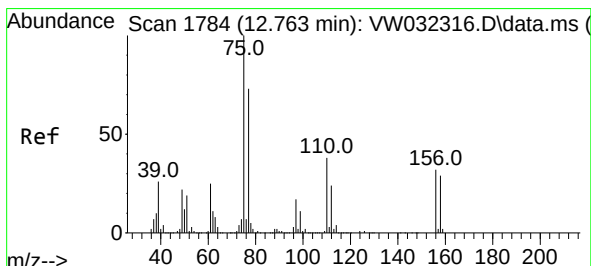
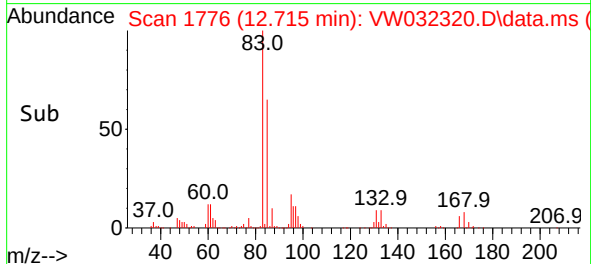
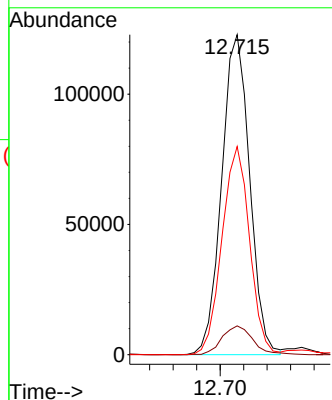
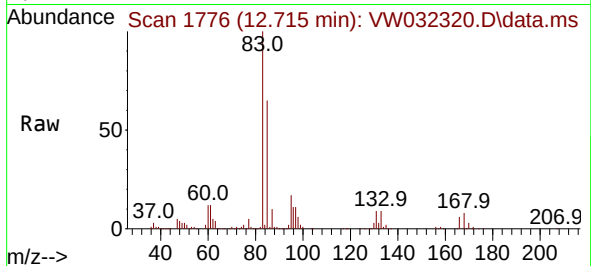




#75
1,1,2,2-Tetrachloroethane
Concen: 50.822 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

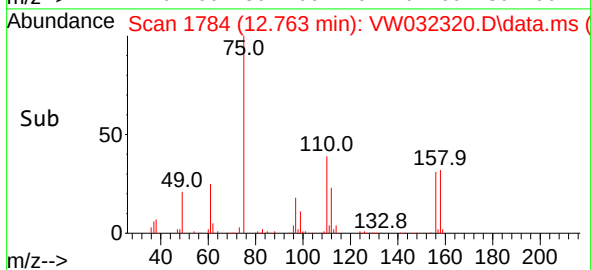
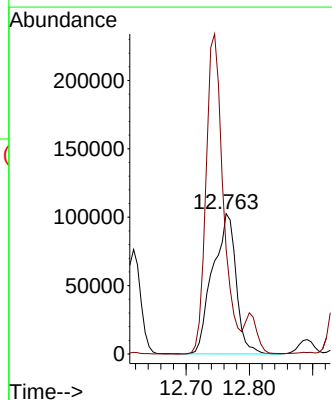
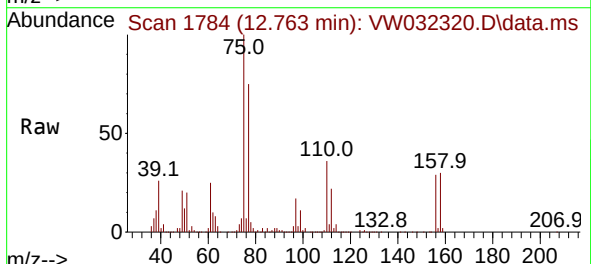
Instrument :
MSVOA_W
ClientSampleId :

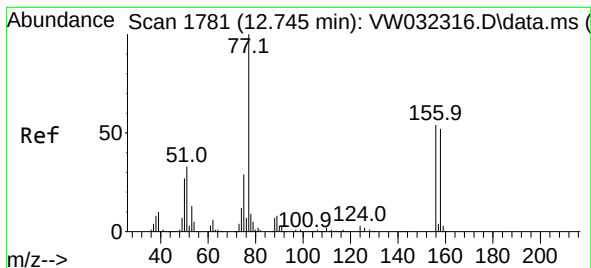
Tgt Ion: 83 Resp: 203339
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.4
85 64.1 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 84.452 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion: 75 Resp: 261754
Ion Ratio Lower Upper
75 100
77 170.1 141.7 425.1





#77

Bromobenzene

Concen: 50.659 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

ClientSampleId :

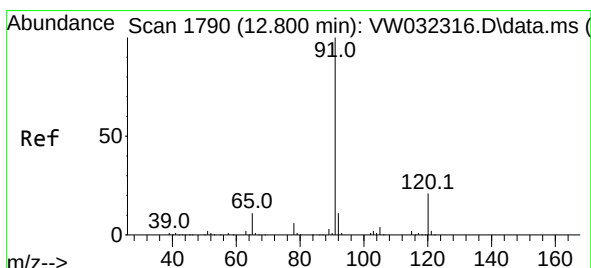
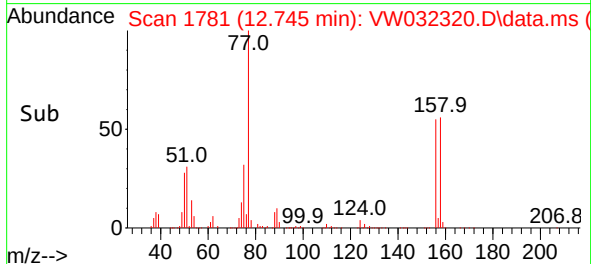
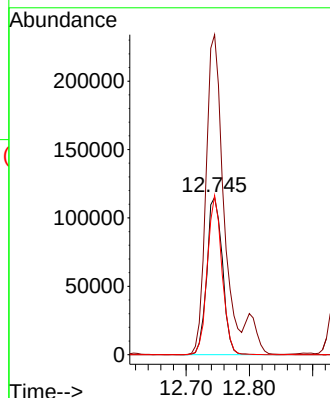
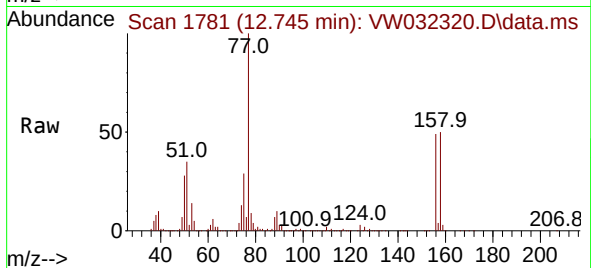
Tgt Ion:156 Resp: 196776

Ion Ratio Lower Upper

156 100

77 226.3 98.6 295.7

158 95.6 48.4 145.0



#78

n-propylbenzene

Concen: 51.657 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032320.D

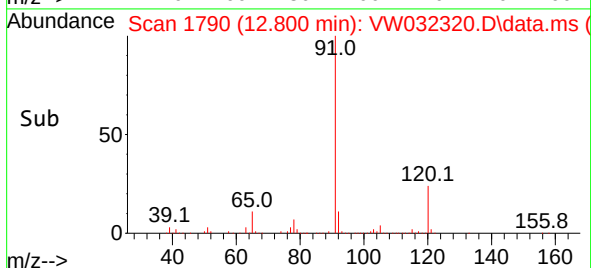
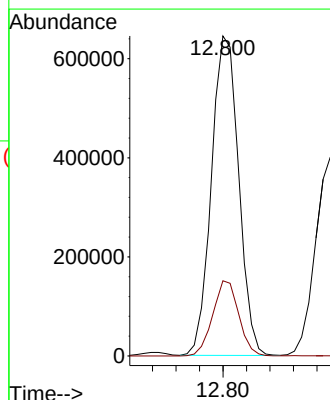
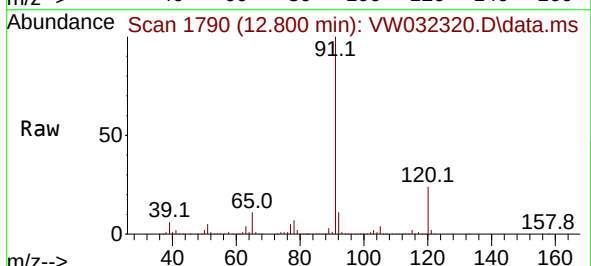
Acq: 01 Oct 2025 16:04

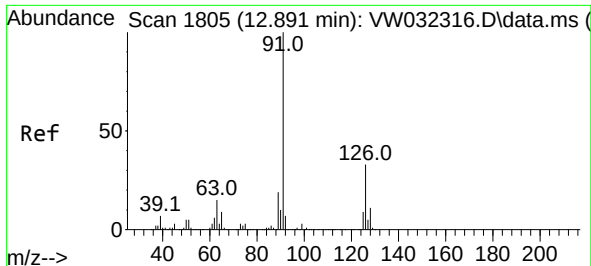
Tgt Ion: 91 Resp: 1039770

Ion Ratio Lower Upper

91 100

120 22.5 11.8 35.4

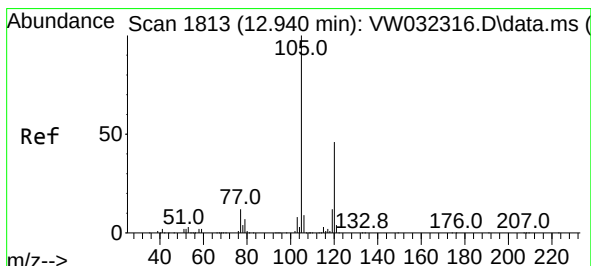
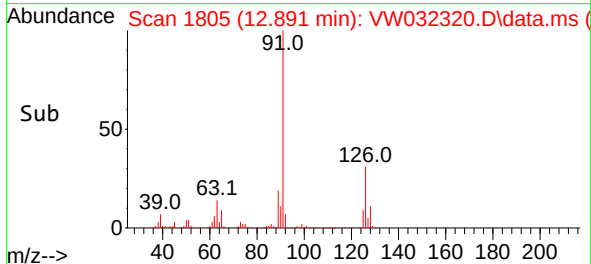
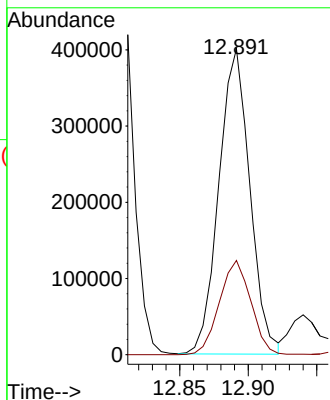
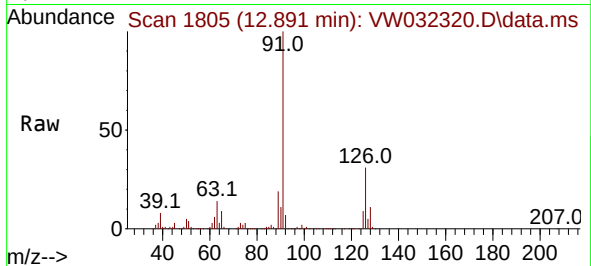




#79
2-Chlorotoluene
Concen: 51.287 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

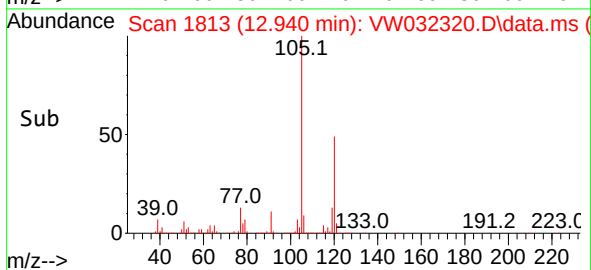
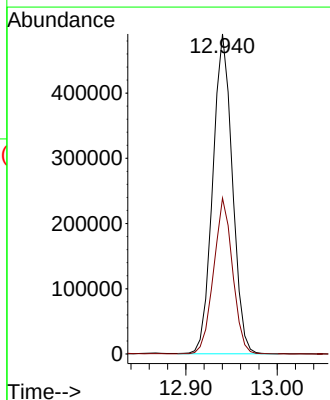
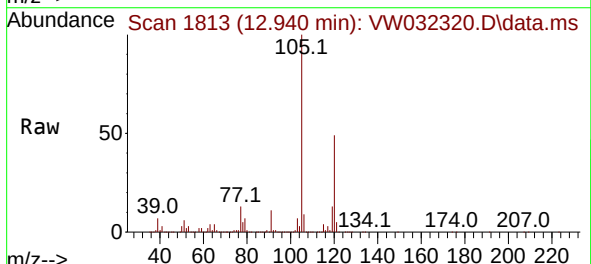
Instrument :
MSVOA_W
ClientSampleId :

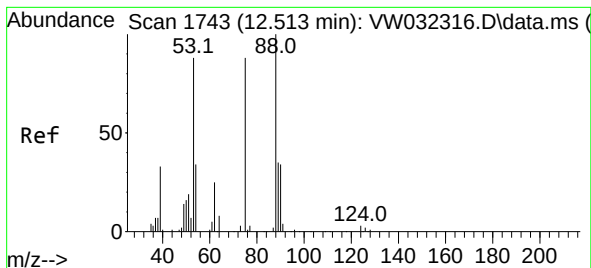
Tgt Ion: 91 Resp: 631196
Ion Ratio Lower Upper
91 100
126 31.3 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 52.365 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Tgt Ion:105 Resp: 729628
Ion Ratio Lower Upper
105 100
120 47.2 24.8 74.4

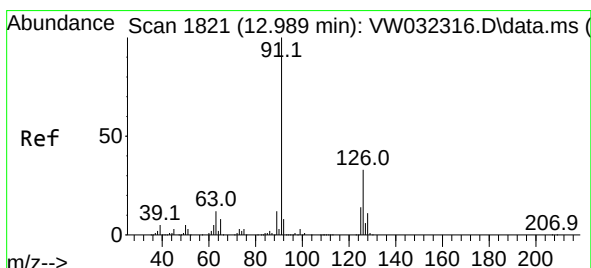
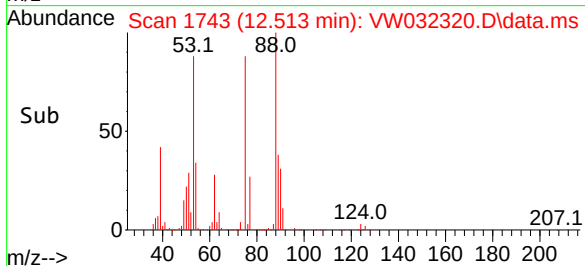
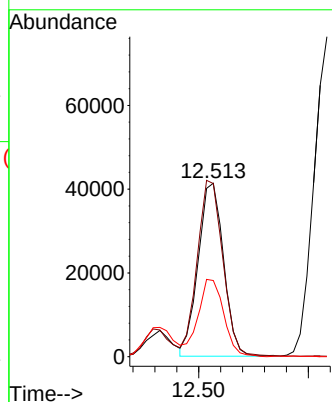
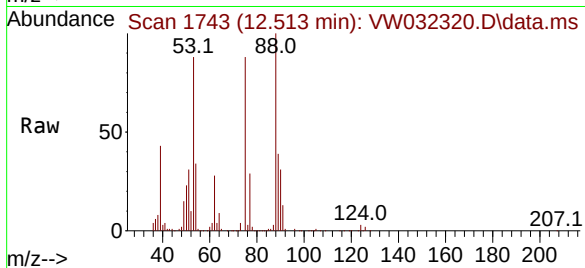




#81
trans-1,4-Dichloro-2-butene
Concen: 54.360 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

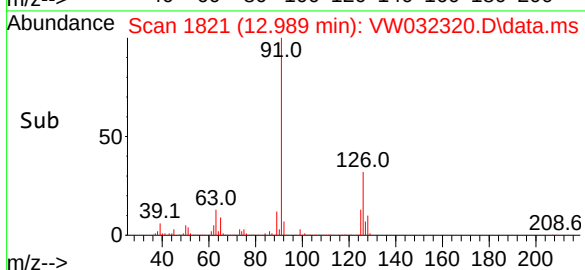
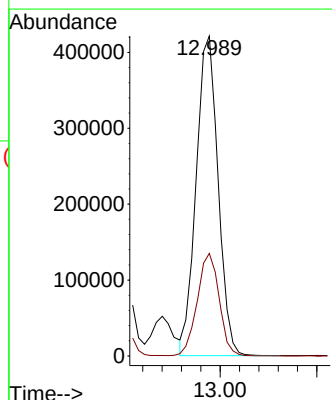
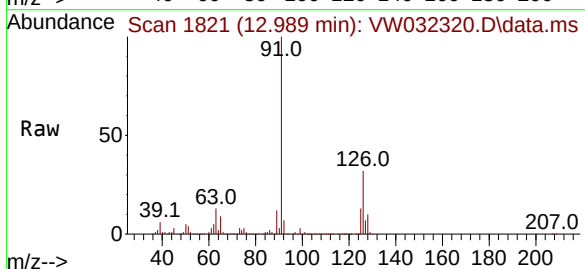
Instrument :
MSVOA_W
ClientSampleId :

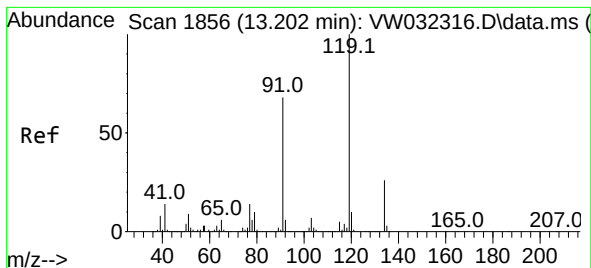
Tgt Ion: 75 Resp: 66508
Ion Ratio Lower Upper
75 100
53 102.7 91.0 136.6
89 45.6 39.4 59.2



#82
4-Chlorotoluene
Concen: 50.734 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

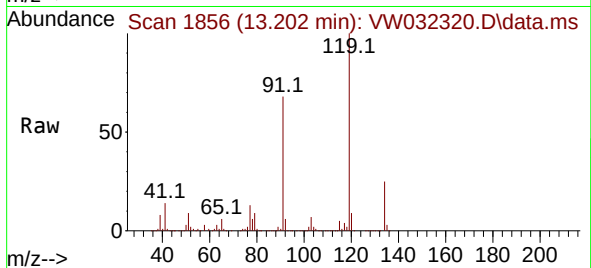
Tgt Ion: 91 Resp: 663842
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.2



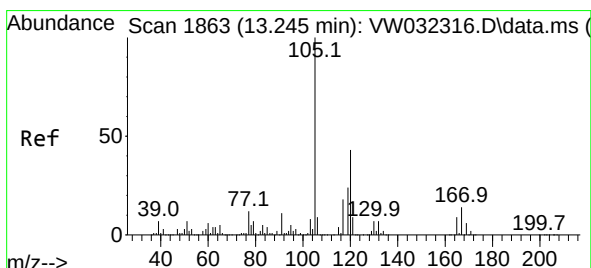
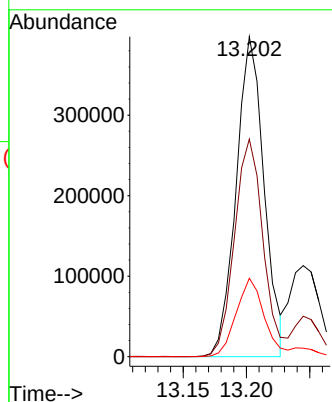
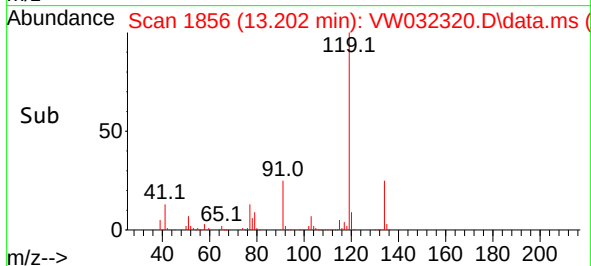


#83
tert-Butylbenzene
Concen: 53.510 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

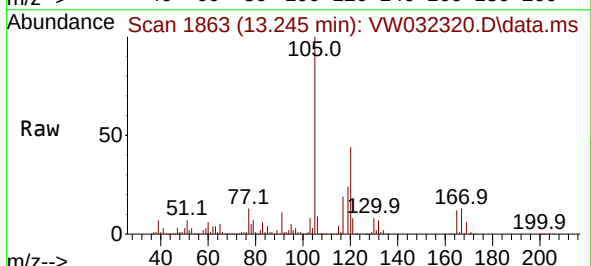
Instrument :
MSVOA_W
ClientSampleId :



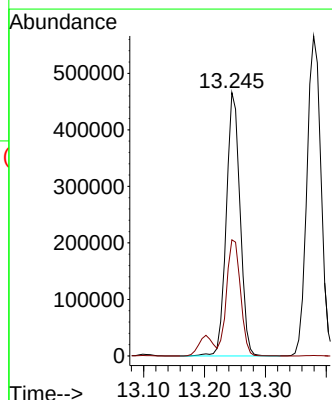
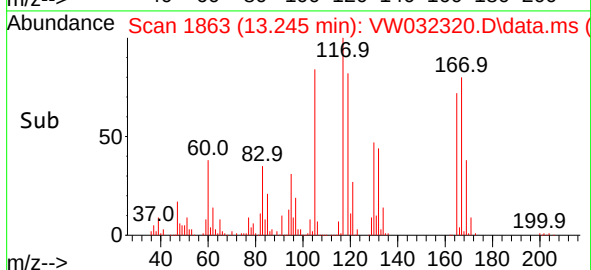
Tgt Ion:119 Resp: 611748
Ion Ratio Lower Upper
119 100
91 70.3 33.8 101.3
134 24.6 12.5 37.5

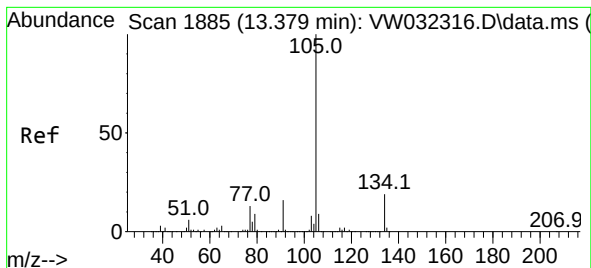


#84
1,2,4-Trimethylbenzene
Concen: 51.522 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04



Tgt Ion:105 Resp: 729966
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.774 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

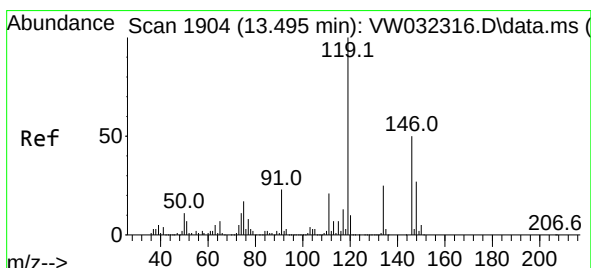
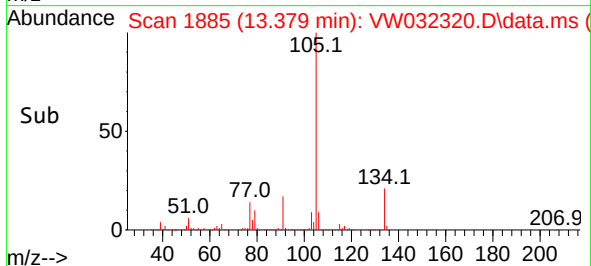
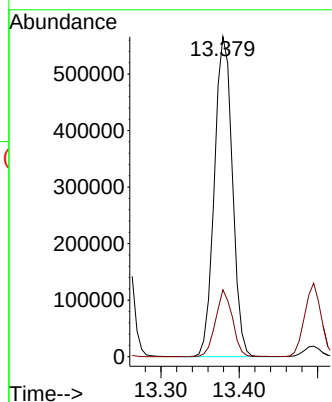
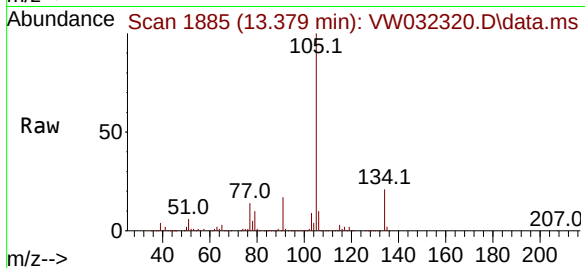
ClientSampleId :

Tgt Ion:105 Resp: 904532

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.697 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

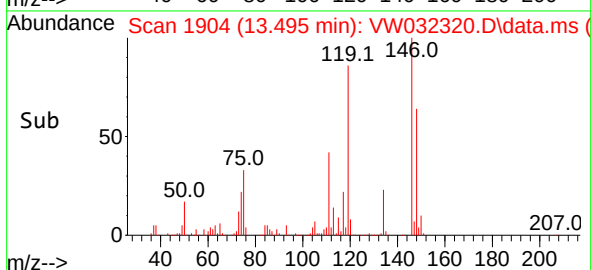
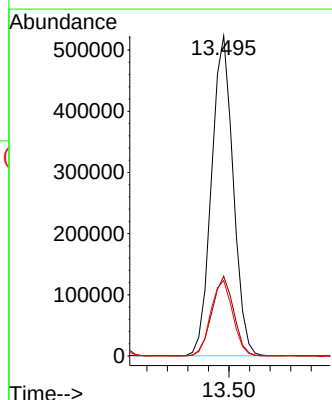
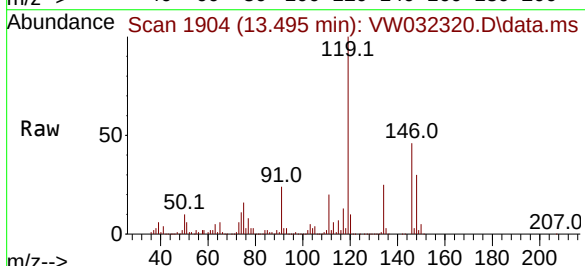
Tgt Ion:119 Resp: 763912

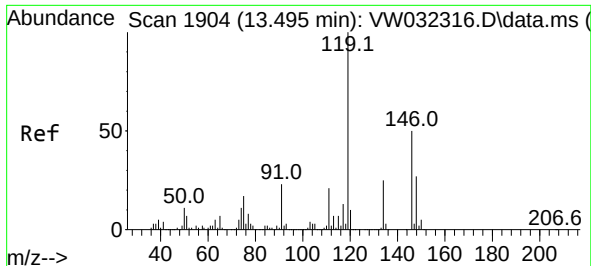
Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.6

91 24.0 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 50.518 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

ClientSampleId :

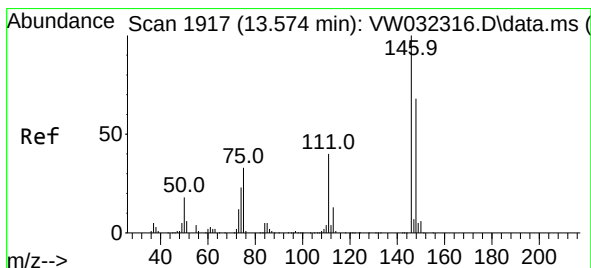
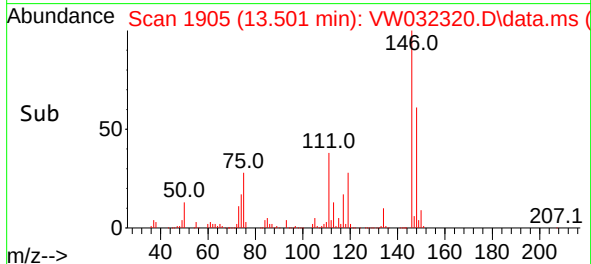
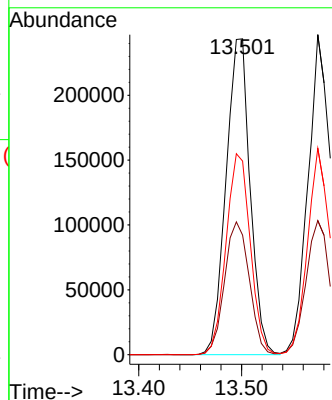
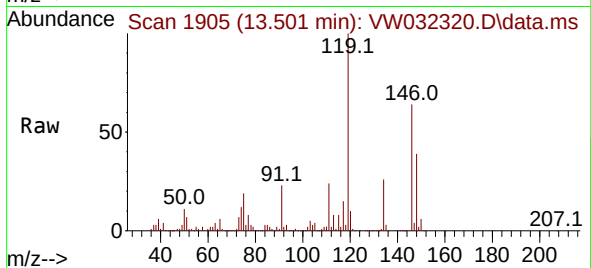
Tgt Ion:146 Resp: 397346

Ion Ratio Lower Upper

146 100

111 43.0 20.6 61.9

148 64.0 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 48.372 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

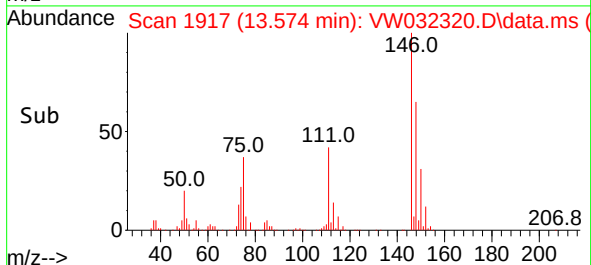
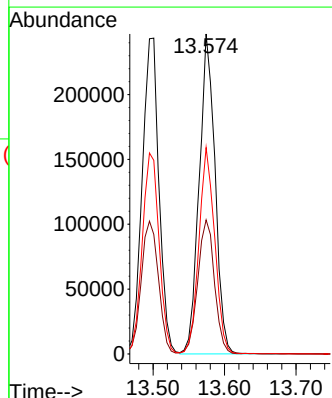
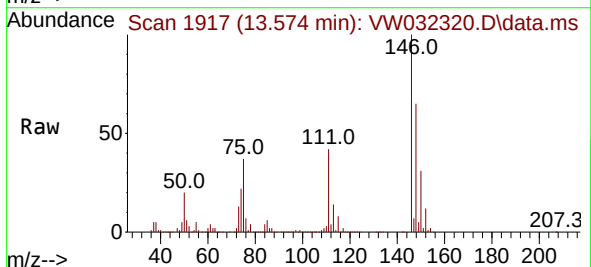
Tgt Ion:146 Resp: 380433

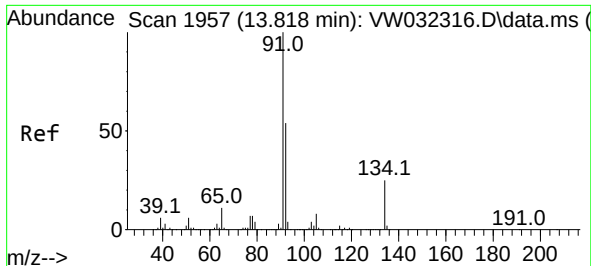
Ion Ratio Lower Upper

146 100

111 43.9 21.3 63.7

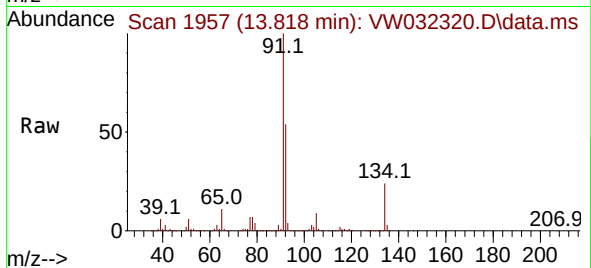
148 64.2 33.4 100.1



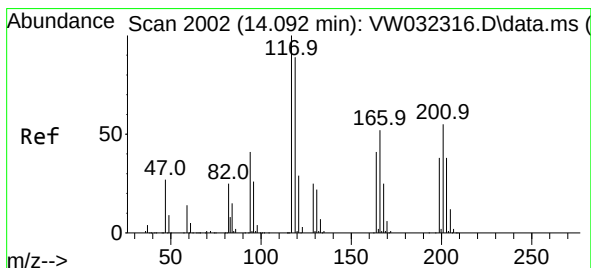
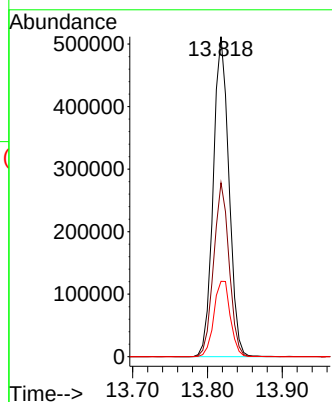
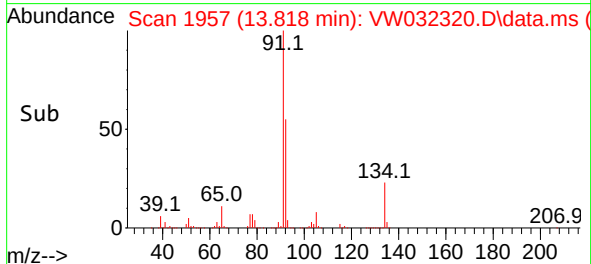


#89
n-Butylbenzene
Concen: 52.880 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

Instrument :
MSVOA_W
ClientSampleId :

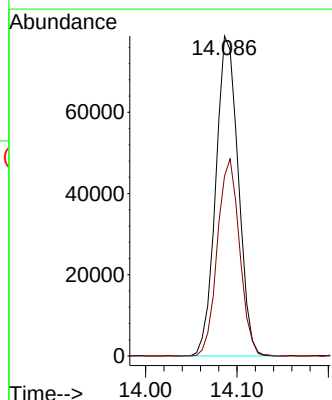
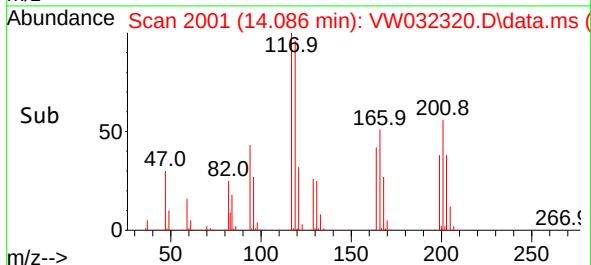
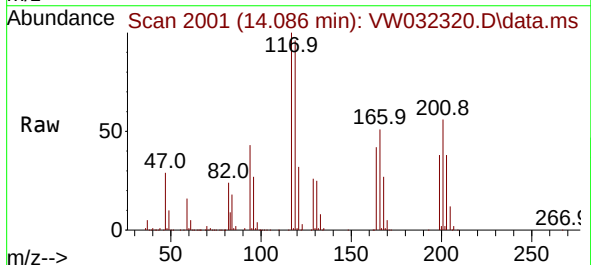


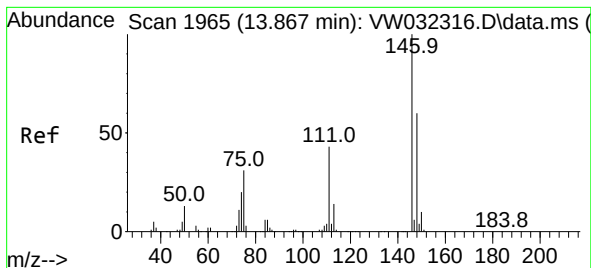
Tgt Ion: 91 Resp: 748452
Ion Ratio Lower Upper
91 100
92 53.6 27.0 81.0
134 24.8 13.1 39.3



#90
Hexachloroethane
Concen: 51.903 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

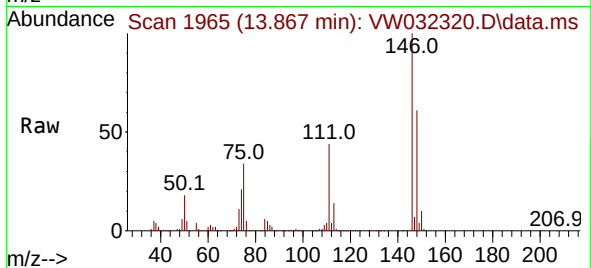
Tgt Ion: 117 Resp: 134862
Ion Ratio Lower Upper
117 100
201 60.5 32.8 98.4



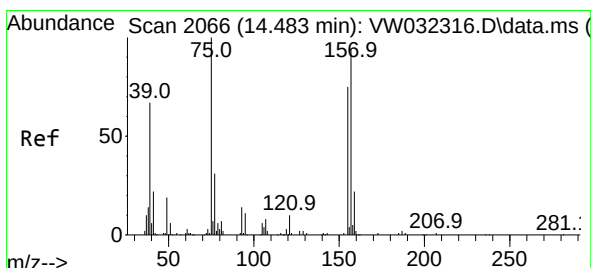
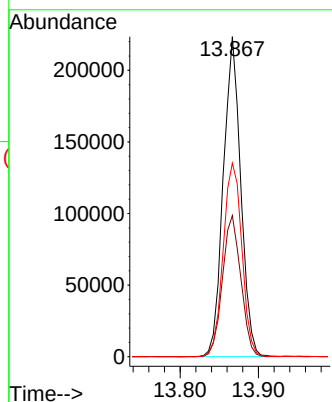
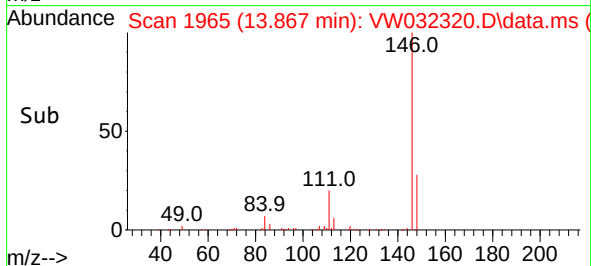


#91
1,2-Dichlorobenzene
Concen: 48.810 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04

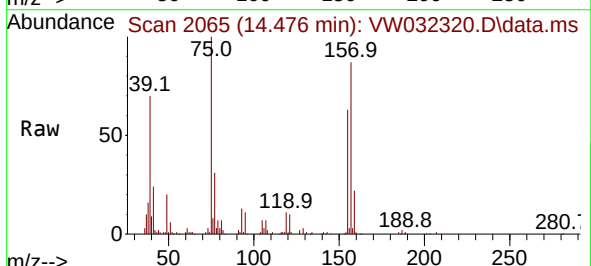
Instrument :
MSVOA_W
ClientSampleId :



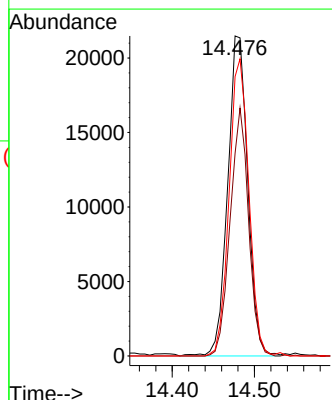
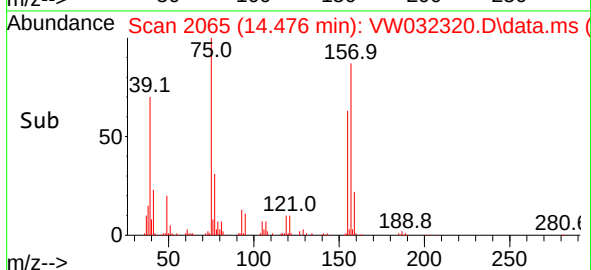
Tgt Ion:146 Resp: 347039
Ion Ratio Lower Upper
146 100
111 46.4 23.4 70.0
148 64.5 34.1 102.3

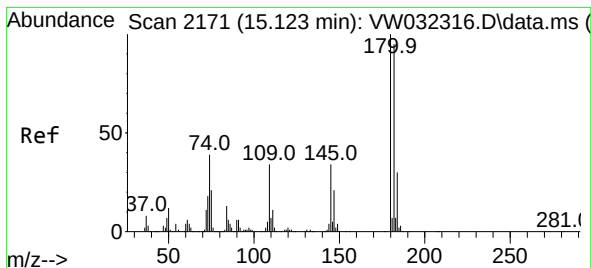


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.139 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032320.D
Acq: 01 Oct 2025 16:04



Tgt Ion: 75 Resp: 36524
Ion Ratio Lower Upper
75 100
155 71.1 40.8 122.5
157 91.4 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 51.178 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

ClientSampleId :

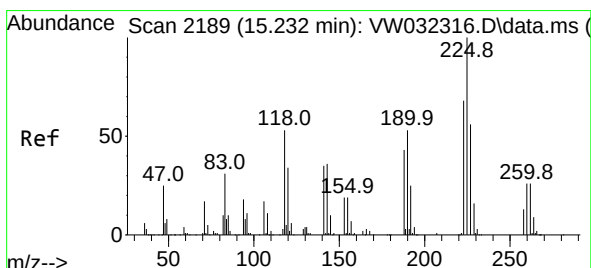
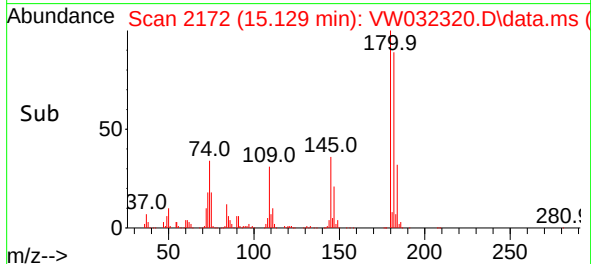
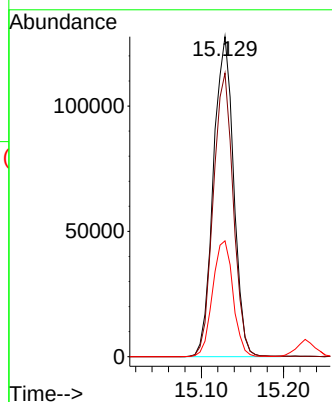
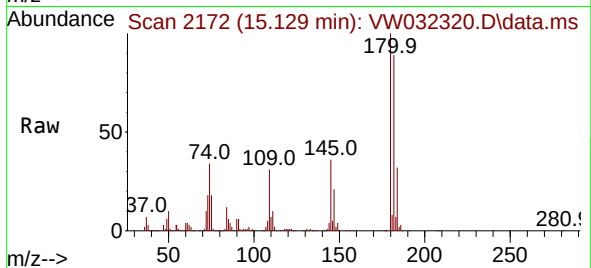
Tgt Ion:180 Resp: 218198

Ion Ratio Lower Upper

180 100

182 87.8 47.4 142.2

145 36.6 16.4 49.1



#94

Hexachlorobutadiene

Concen: 46.478 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

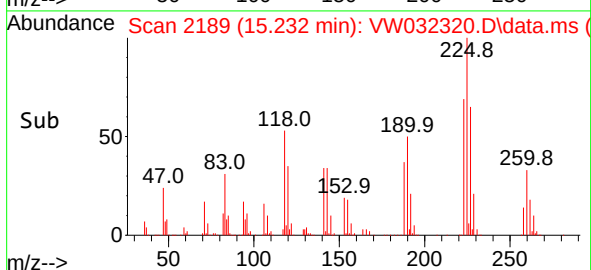
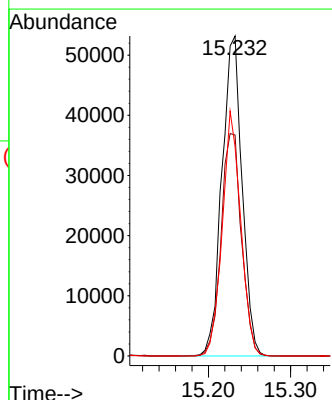
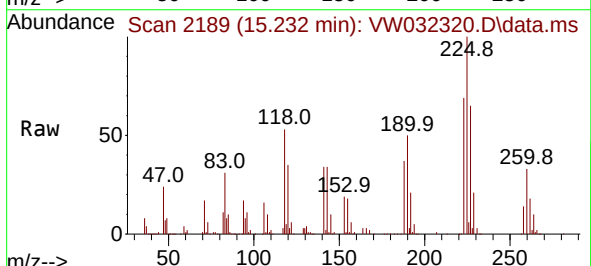
Tgt Ion:225 Resp: 90599

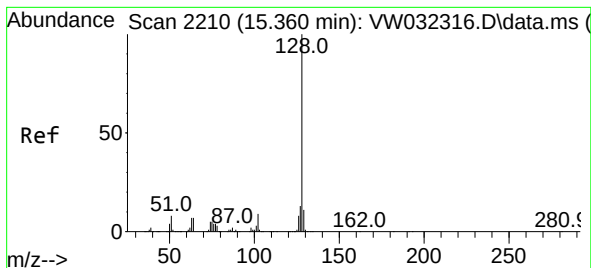
Ion Ratio Lower Upper

225 100

223 70.3 29.8 89.3

227 70.0 30.5 91.5





#95

Naphthalene

Concen: 55.881 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032320.D

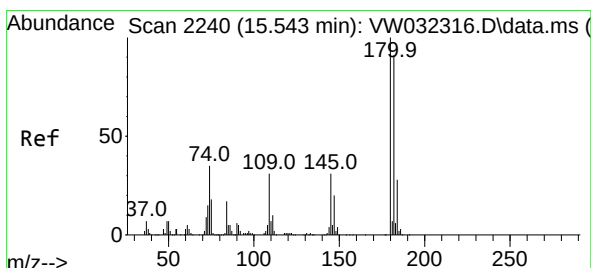
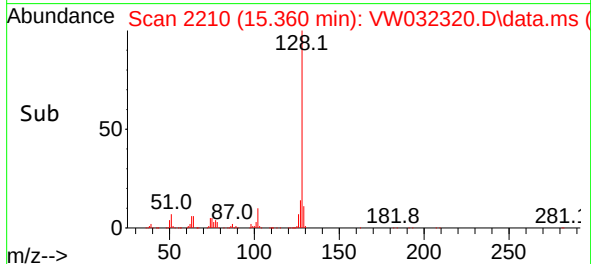
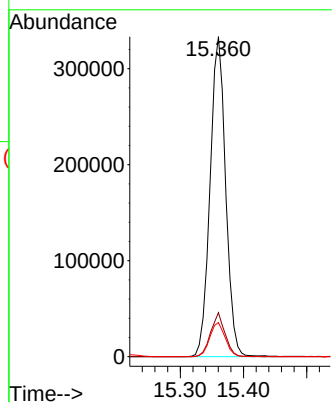
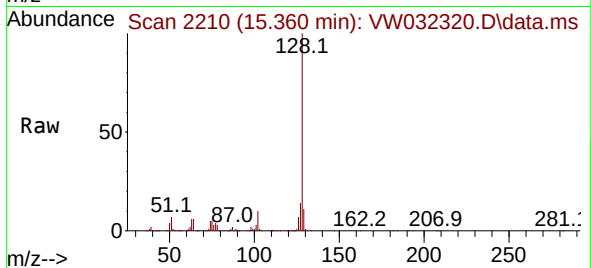
Acq: 01 Oct 2025 16:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	572147
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.6	8.4	12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.417 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032320.D

Acq: 01 Oct 2025 16:04

Tgt Ion:	180	Resp:	206623
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.7	143.1
145	35.4	17.2	51.6

