

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032080.D
 Acq On : 14 Aug 2025 09:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 18 03:44:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	209331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	369087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	337227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	152426	50.347	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 100.700%	
35) Dibromofluoromethane	7.904	113	127528	53.483	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 106.960%	
50) Toluene-d8	10.324	98	452920	51.355	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.617	95	163398	50.275	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 100.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	74536	49.784	ug/l	98
3) Chloromethane	2.253	50	89872	44.563	ug/l	95
4) Vinyl Chloride	2.405	62	116200	47.634	ug/l	98
5) Bromomethane	2.820	94	98568	53.858	ug/l	100
6) Chloroethane	2.972	64	82661	51.208	ug/l	98
7) Trichlorofluoromethane	3.307	101	112860	57.752	ug/l	96
8) Diethyl Ether	3.716	74	86491	54.020	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.106	101	127479	55.292	ug/l	96
10) Methyl Iodide	4.313	142	168357	51.502	ug/l	96
11) Tert butyl alcohol	5.222	59	47413	241.851	ug/l	100
12) 1,1-Dichloroethene	4.076	96	137220	54.052	ug/l	94
13) Acrolein	3.935	56	45869	146.845	ug/l	99
14) Allyl chloride	4.704	41	166676	45.111	ug/l #	87
15) Acrylonitrile	5.405	53	193220	253.370	ug/l	99
16) Acetone	4.161	43	207328	295.783	ug/l	97
17) Carbon Disulfide	4.423	76	306638	45.000	ug/l	97
18) Methyl Acetate	4.710	43	112047	50.516	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	225122	50.329	ug/l	97
20) Methylene Chloride	4.960	84	139212	42.955	ug/l	98
21) trans-1,2-Dichloroethene	5.459	96	134920	50.080	ug/l	98
22) Diisopropyl ether	6.337	45	389232	49.971	ug/l	92
23) Vinyl Acetate	6.282	43	1373340	268.547	ug/l	99
24) 1,1-Dichloroethane	6.246	63	245164	49.263	ug/l	99
25) 2-Butanone	7.197	43	270175	271.199	ug/l	99
26) 2,2-Dichloropropane	7.185	77	124724	49.956	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	163086	51.787	ug/l	97
28) Bromochloromethane	7.532	49	106726	47.126	ug/l	97
29) Tetrahydrofuran	7.557	42	172032	261.846	ug/l	100
30) Chloroform	7.691	83	279930	53.058	ug/l	99
31) Cyclohexane	7.971	56	194201	45.011	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	196892	51.378	ug/l	99
36) 1,1-Dichloropropene	8.093	75	178210	53.016	ug/l	98
37) Ethyl Acetate	7.276	43	115111	58.145	ug/l	96
38) Carbon Tetrachloride	8.081	117	189059	58.281	ug/l	98
39) Methylcyclohexane	9.343	83	213123	52.018	ug/l	96
40) Benzene	8.337	78	563104	53.892	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	67789	60.380	ug/l	95
42) 1,2-Dichloroethane	8.410	62	193320	57.820	ug/l	98
43) Isopropyl Acetate	8.435	43	208154	57.148	ug/l	98
44) Trichloroethene	9.105	130	139933	56.237	ug/l	89
45) 1,2-Dichloropropane	9.373	63	135567	53.705	ug/l	100
46) Dibromomethane	9.465	93	95991	58.920	ug/l	99
47) Bromodichloromethane	9.654	83	214831	57.226	ug/l	100
48) Methyl methacrylate	9.440	41	97630	55.521	ug/l #	88
49) 1,4-Dioxane	9.465	88	23861	1132.752	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	613885	298.600	ug/l	96
52) Toluene	10.392	92	360912	54.839	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	196142	55.768	ug/l	100
54) cis-1,3-Dichloropropene	10.074	75	219444	54.997	ug/l	93
55) 1,1,2-Trichloroethane	10.788	97	122561	56.613	ug/l	98
56) Ethyl methacrylate	10.648	69	164035	56.621	ug/l #	91
57) 1,3-Dichloropropane	10.934	76	206568	54.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	410338	256.070	ug/l	99
59) 2-Hexanone	10.971	43	431742	303.226	ug/l	96
60) Dibromochloromethane	11.129	129	149280	60.364	ug/l	99
61) 1,2-Dibromoethane	11.239	107	122248	58.108	ug/l	98
64) Tetrachloroethene	10.867	164	112551	57.783	ug/l	91
65) Chlorobenzene	11.660	112	410189	55.882	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	133382	58.241	ug/l	98
67) Ethyl Benzene	11.733	91	677681	54.505	ug/l	96
68) m/p-Xylenes	11.836	106	540433	112.646	ug/l	97
69) o-Xylene	12.166	106	257799	58.137	ug/l	97
70) Styrene	12.178	104	455535	57.835	ug/l	99
71) Bromoform	12.348	173	83619	63.831	ug/l #	99
73) Isopropylbenzene	12.464	105	639037	52.307	ug/l	99
74) N-amyl acetate	12.269	43	194883	55.601	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	151408	52.197	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	191760	80.822	ug/l	53
77) Bromobenzene	12.745	156	156846	53.753	ug/l	93
78) n-propylbenzene	12.800	91	803277	53.406	ug/l	100
79) 2-Chlorotoluene	12.891	91	475026	51.172	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	559898	53.983	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	46191	50.402	ug/l	91
82) 4-Chlorotoluene	12.989	91	510140	51.725	ug/l	97
83) tert-Butylbenzene	13.202	119	472615	54.905	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	560238	53.062	ug/l	98
85) sec-Butylbenzene	13.379	105	672760	51.695	ug/l	99
86) p-Isopropyltoluene	13.495	119	580472	53.502	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	326126	56.169	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	320333	54.595	ug/l	97
89) n-Butylbenzene	13.818	91	565150	53.618	ug/l	99
90) Hexachloroethane	14.086	117	102479	51.649	ug/l	96
91) 1,2-Dichlorobenzene	13.866	146	296975	56.464	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	27059	52.473	ug/l	96
93) 1,2,4-Trichlorobenzene	15.128	180	173211	55.052	ug/l	98
94) Hexachlorobutadiene	15.226	225	81528	57.968	ug/l	91
95) Naphthalene	15.360	128	444478	57.653	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	162937	56.917	ug/l	93

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Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

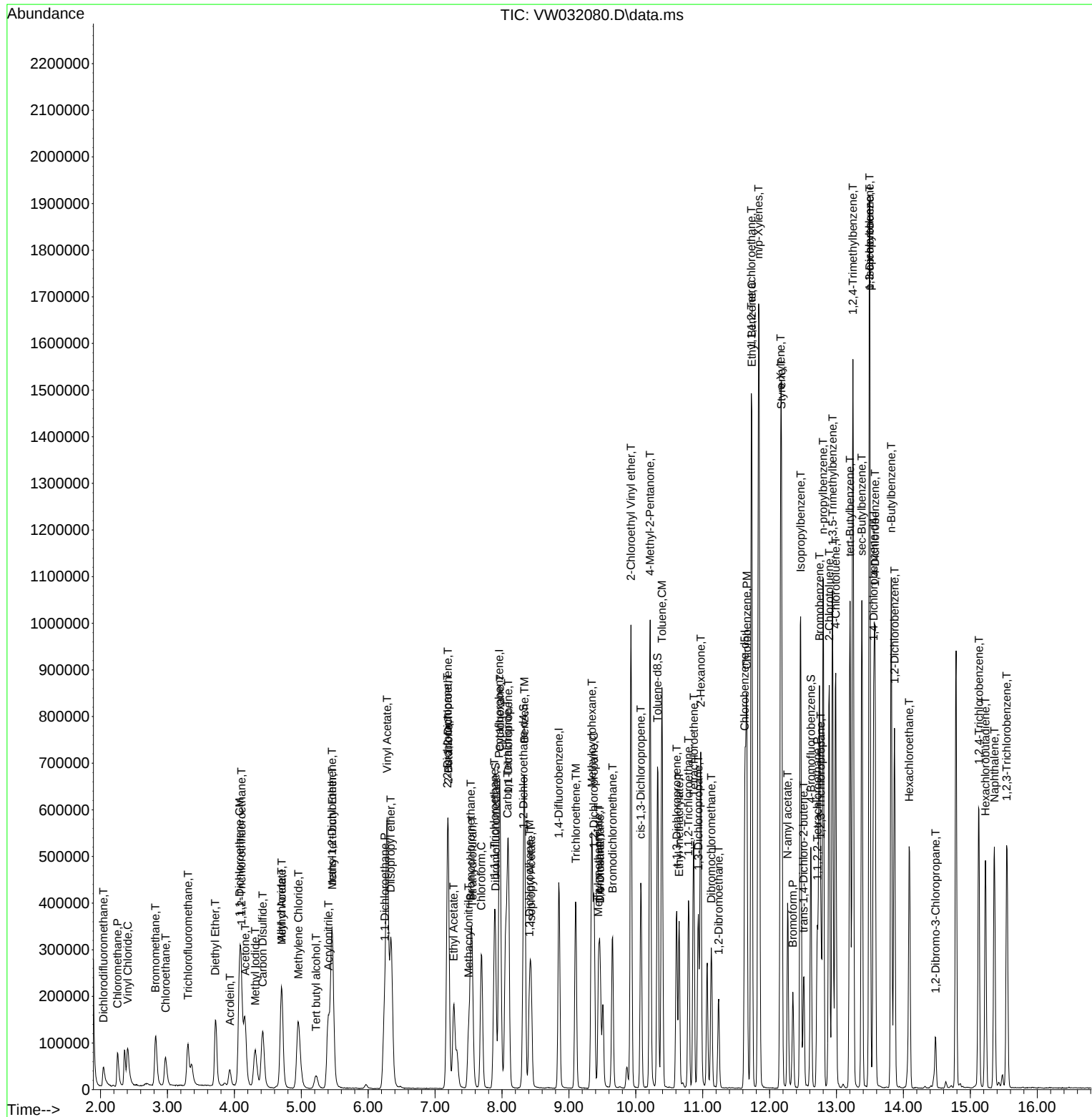
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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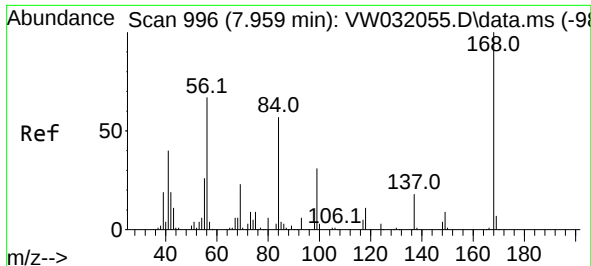
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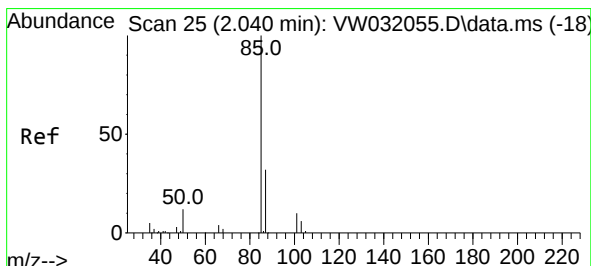
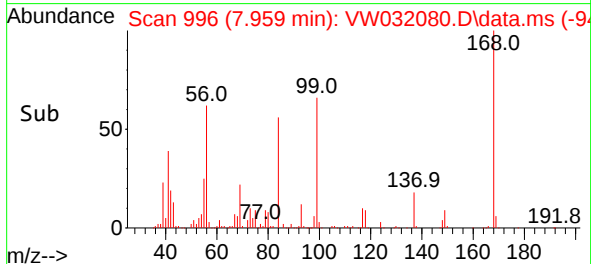
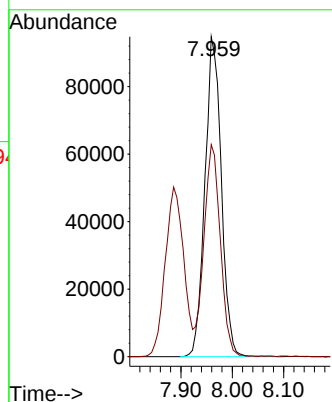
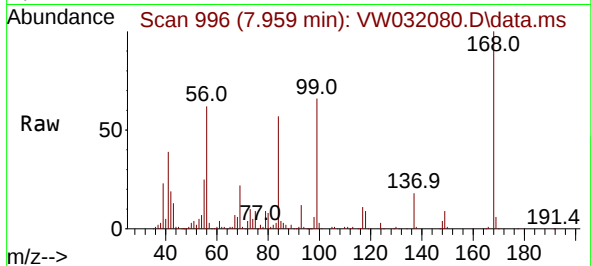




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
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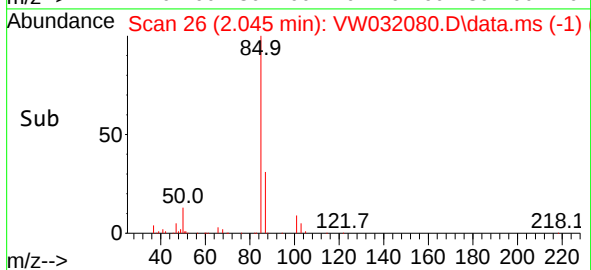
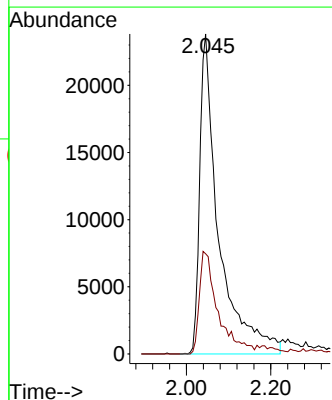
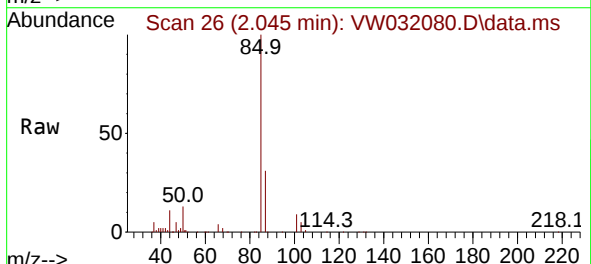
Instrument :
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ClientSampleId :
VSTDCCC050

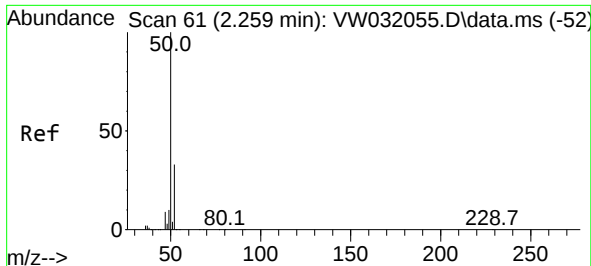
Tgt Ion:168 Resp: 209331
Ion Ratio Lower Upper
168 100
99 66.1 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 49.784 ug/l
RT: 2.045 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 85 Resp: 74536
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.6

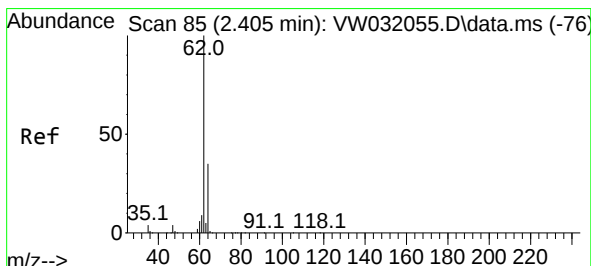
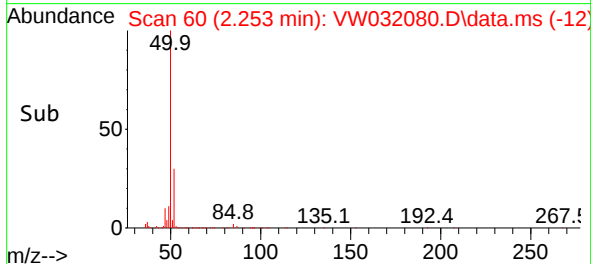
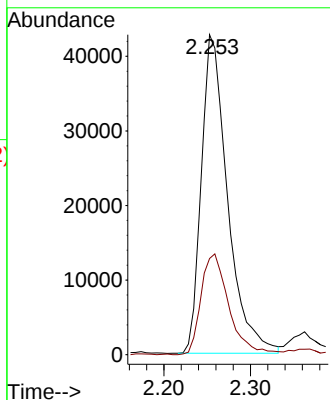
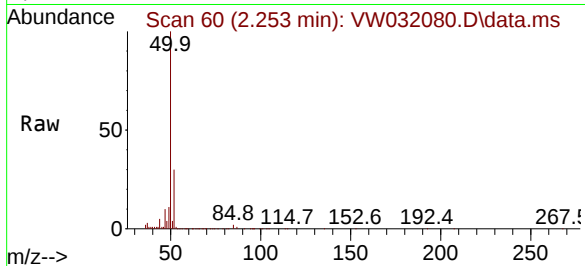




#3
Chloromethane
Concen: 44.563 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

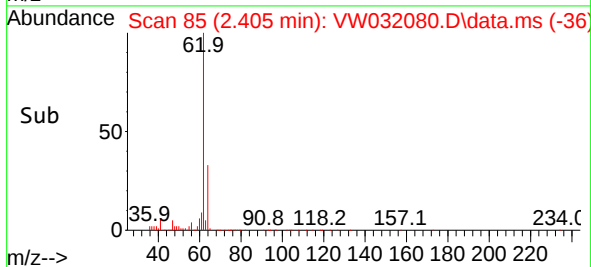
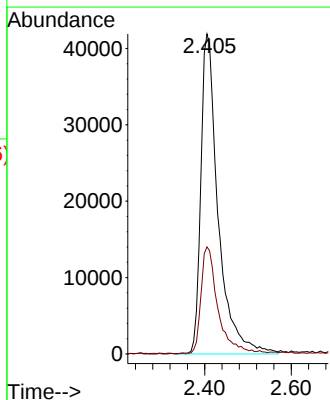
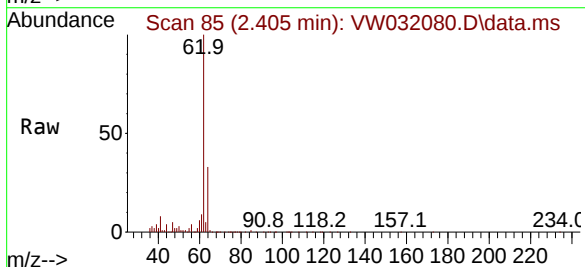
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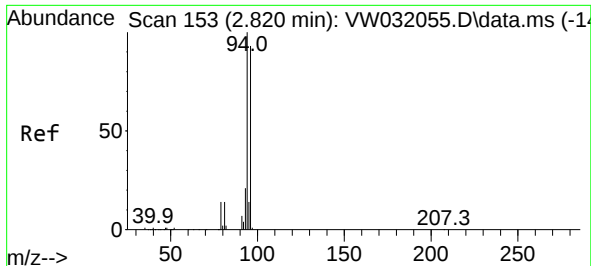
Tgt Ion: 50 Resp: 89872
Ion Ratio Lower Upper
50 100
52 30.2 26.6 39.8



#4
Vinyl Chloride
Concen: 47.634 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 62 Resp: 116200
Ion Ratio Lower Upper
62 100
64 33.3 27.8 41.6

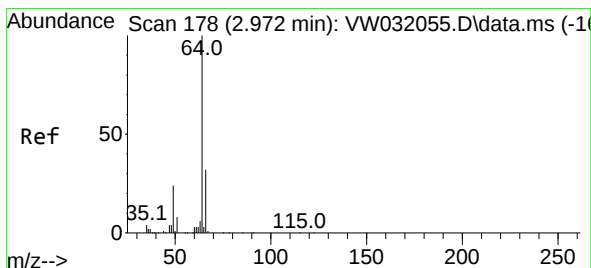
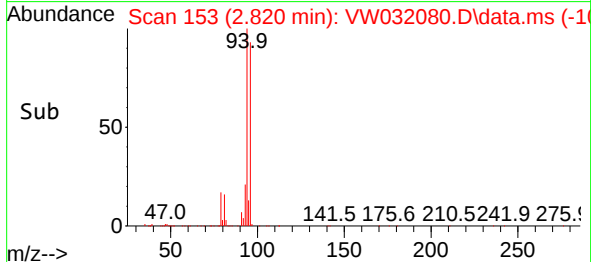
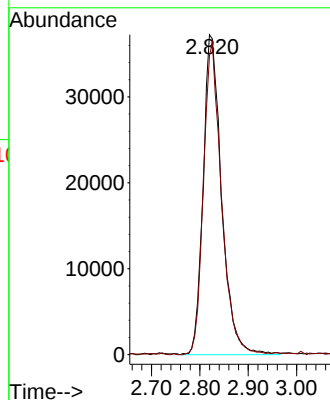
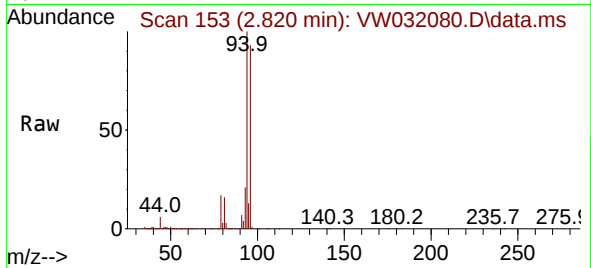




#5
Bromomethane
Concen: 53.858 ug/l
RT: 2.820 min Scan# 153
Delta R.T. -0.000 min
Lab File: VW032080.D
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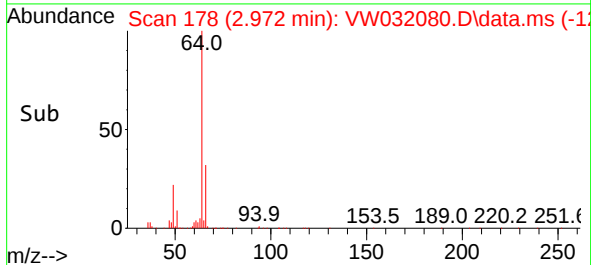
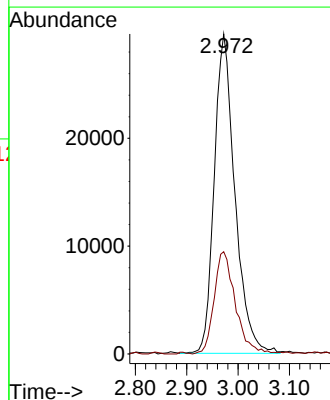
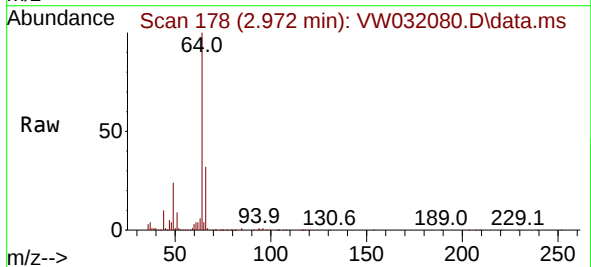
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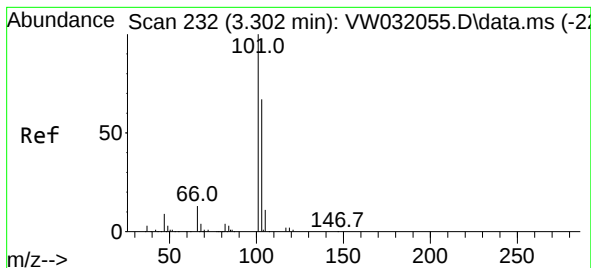
Tgt Ion: 94 Resp: 98568
Ion Ratio Lower Upper
94 100
96 93.5 74.7 112.1



#6
Chloroethane
Concen: 51.208 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032080.D
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Tgt Ion: 64 Resp: 82661
Ion Ratio Lower Upper
64 100
66 31.5 26.0 39.0

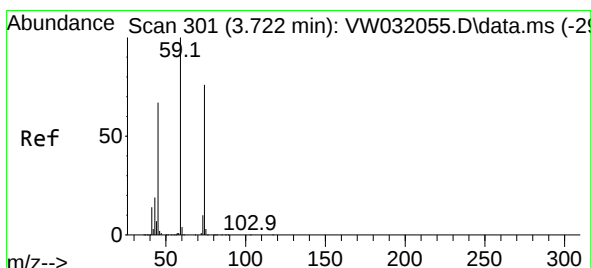
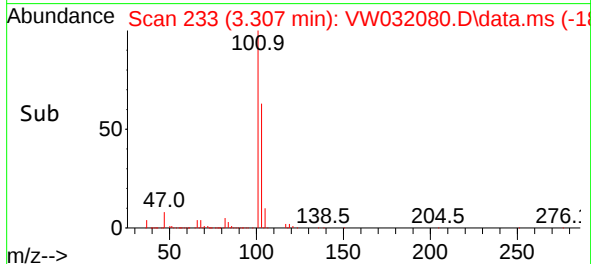
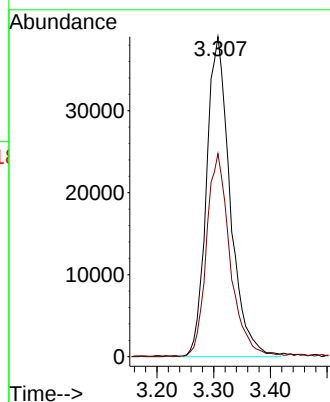
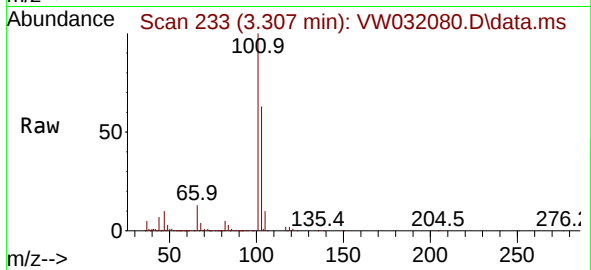




#7
 Trichlorofluoromethane
 Concen: 57.752 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW032080.D
 Acq: 14 Aug 2025 09:27

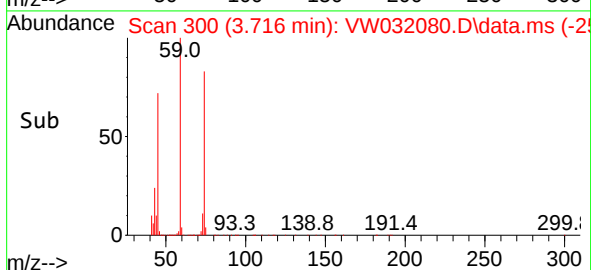
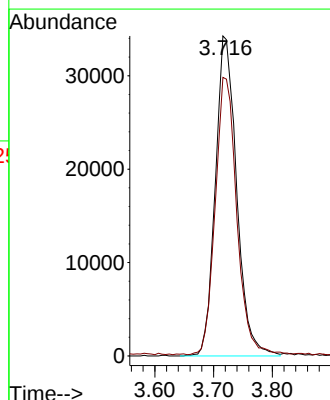
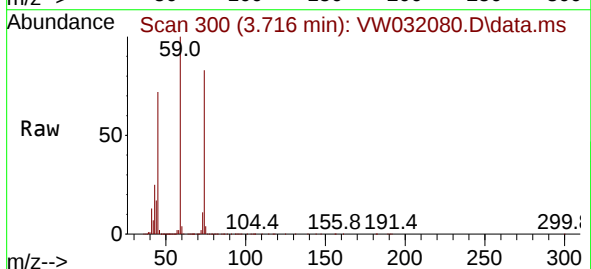
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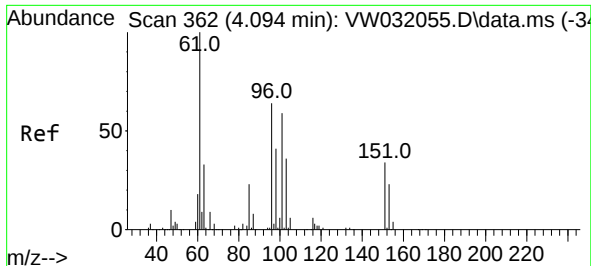
Tgt Ion:101 Resp: 112860
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.4 80.0



#8
 Diethyl Ether
 Concen: 54.020 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032080.D
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Tgt Ion: 74 Resp: 86491
 Ion Ratio Lower Upper
 74 100
 45 87.3 45.4 136.2

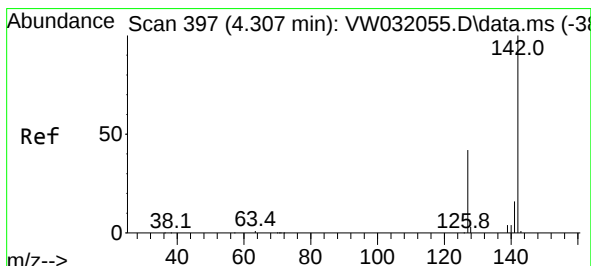
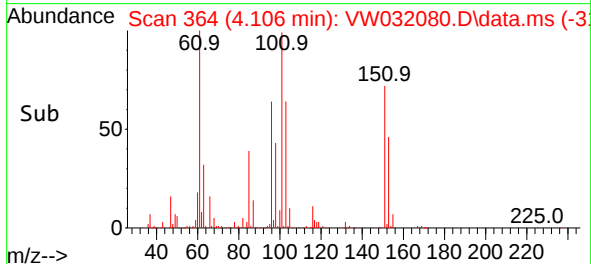
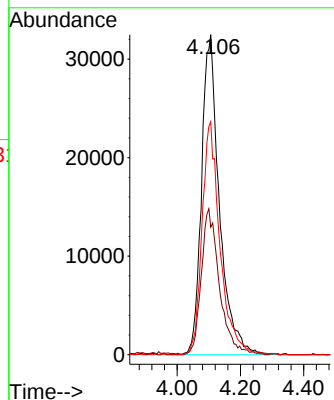
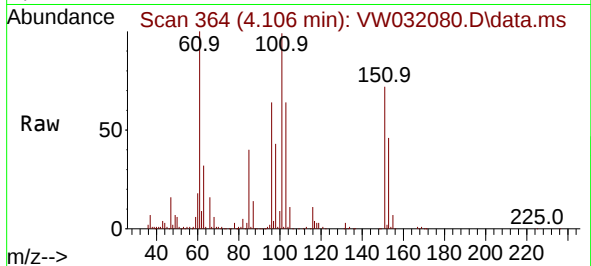




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.292 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.012 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

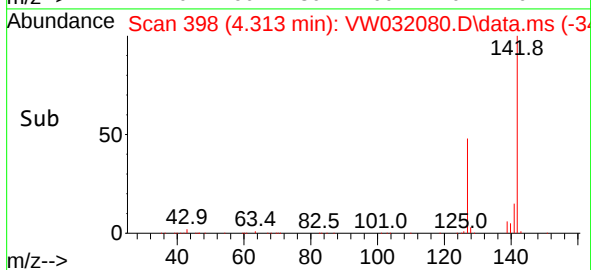
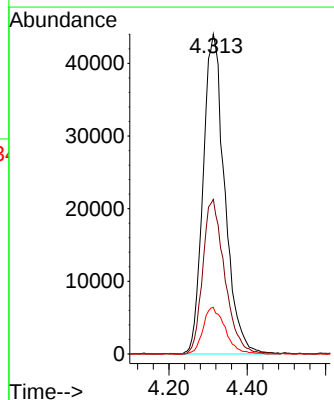
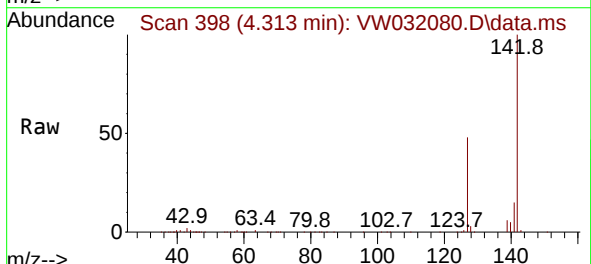
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

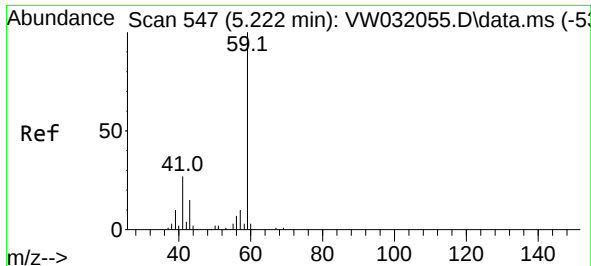
Tgt Ion:101 Resp: 127479
Ion Ratio Lower Upper
101 100
85 46.3 34.9 52.3
151 73.3 56.2 84.4



#10
Methyl Iodide
Concen: 51.502 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion:142 Resp: 168357
Ion Ratio Lower Upper
142 100
127 49.1 36.6 55.0
141 14.9 12.1 18.1

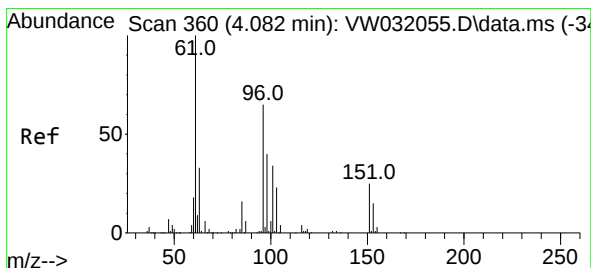
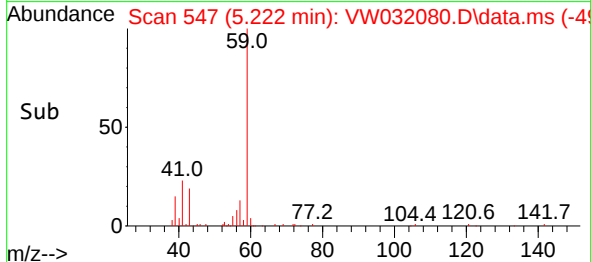
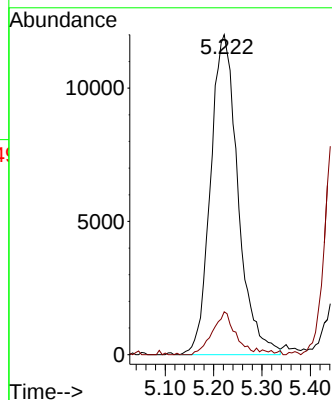
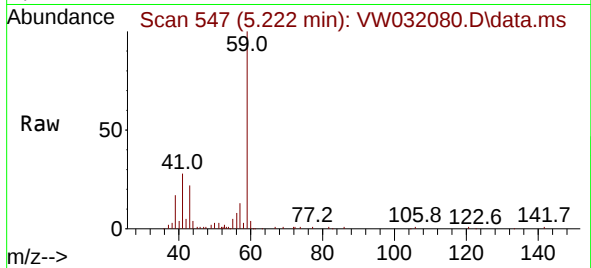




#11
Tert butyl alcohol
Concen: 241.851 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

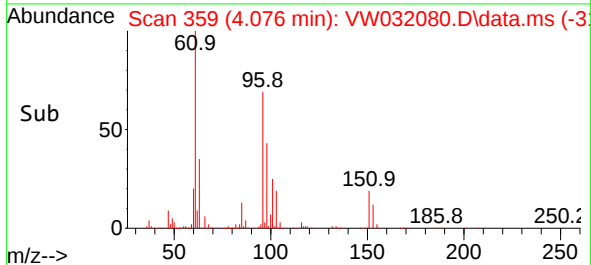
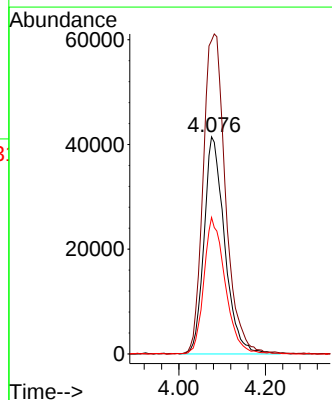
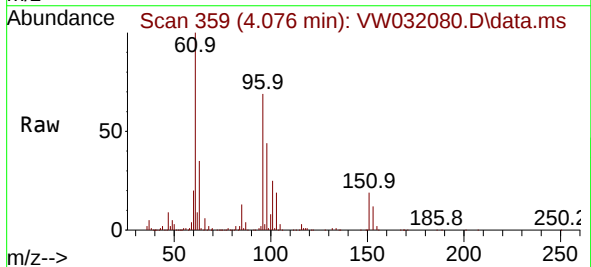
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

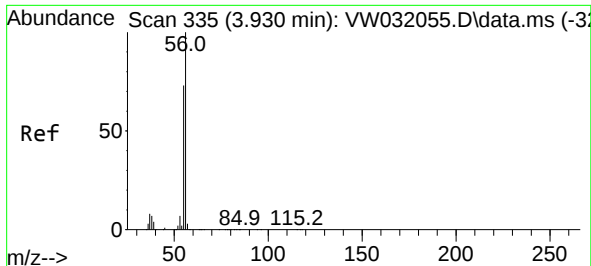
Tgt Ion: 59 Resp: 47413
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1



#12
1,1-Dichloroethene
Concen: 54.052 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 96 Resp: 137220
Ion Ratio Lower Upper
96 100
61 144.2 123.4 185.2
98 62.7 49.5 74.3

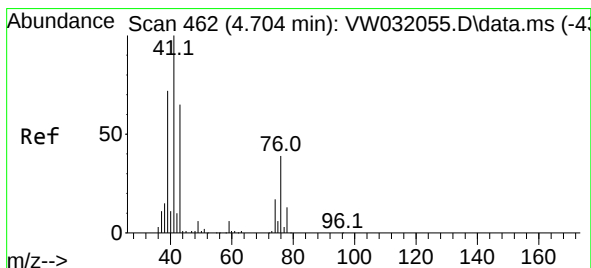
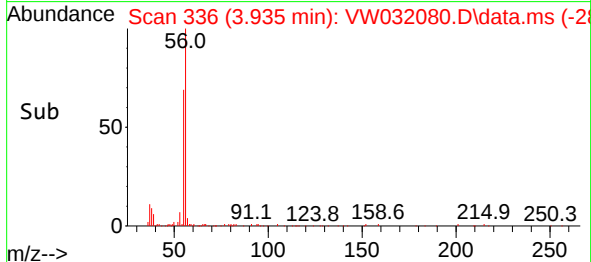
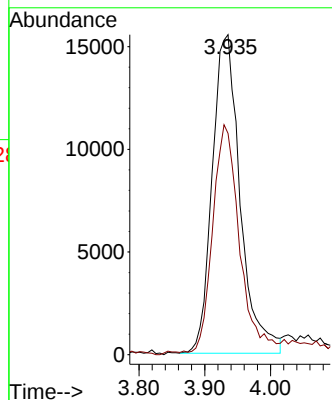
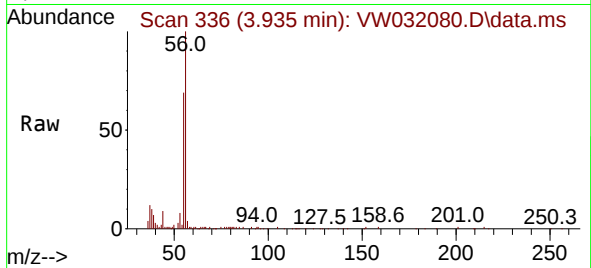




#13
Acrolein
Concen: 146.845 ug/l
RT: 3.935 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

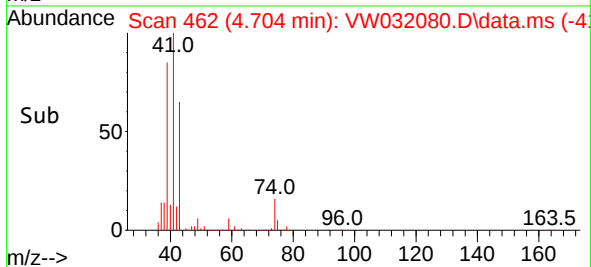
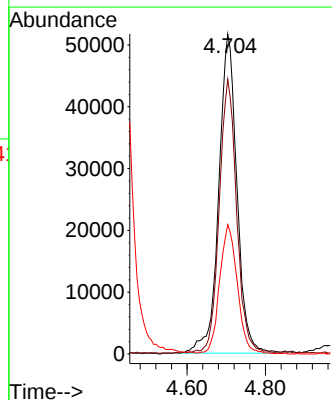
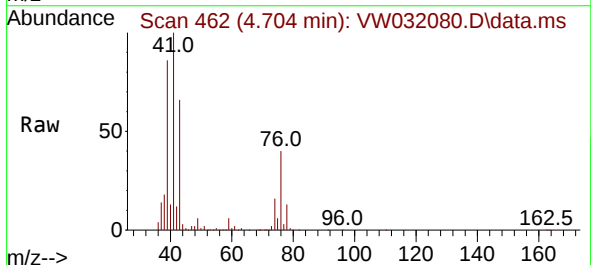
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

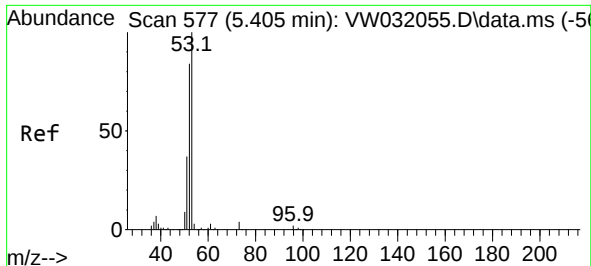
Tgt Ion: 56 Resp: 45869
Ion Ratio Lower Upper
56 100
55 68.2 55.4 83.2



#14
Allyl chloride
Concen: 45.111 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 41 Resp: 166676
Ion Ratio Lower Upper
41 100
39 81.9 54.5 81.7#
76 39.1 29.3 43.9

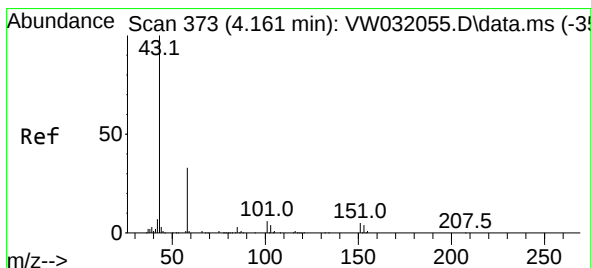
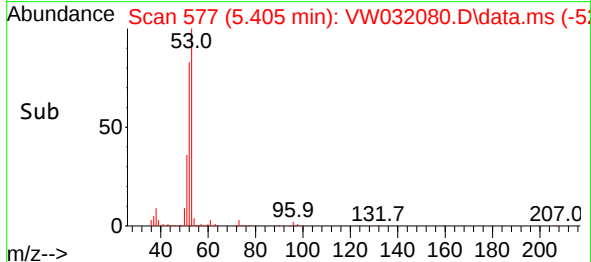
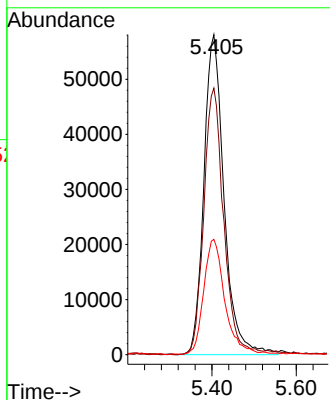
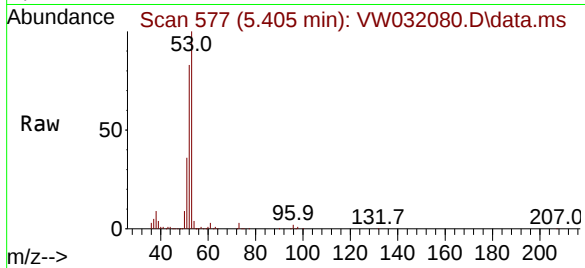




#15
Acrylonitrile
Concen: 253.370 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

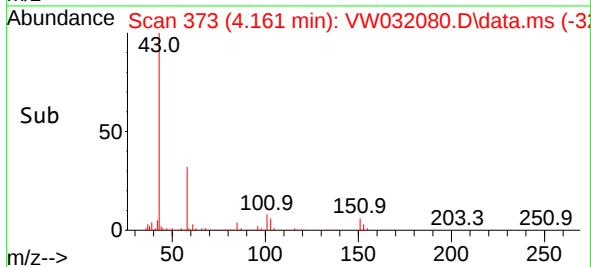
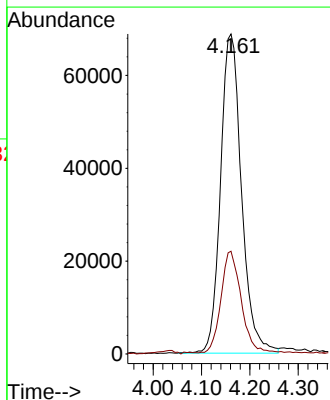
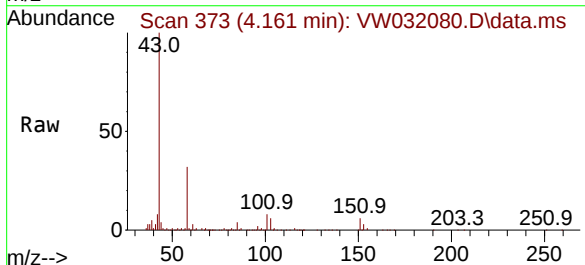
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

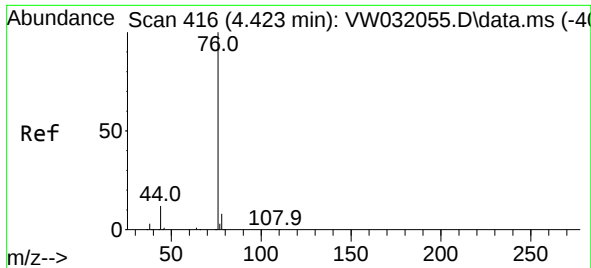
Tgt Ion: 53 Resp: 193220
Ion Ratio Lower Upper
53 100
52 82.1 66.1 99.1
51 37.4 29.2 43.8



#16
Acetone
Concen: 295.783 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 43 Resp: 207328
Ion Ratio Lower Upper
43 100
58 31.7 26.6 39.8

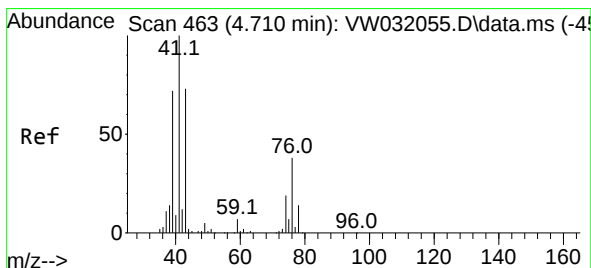
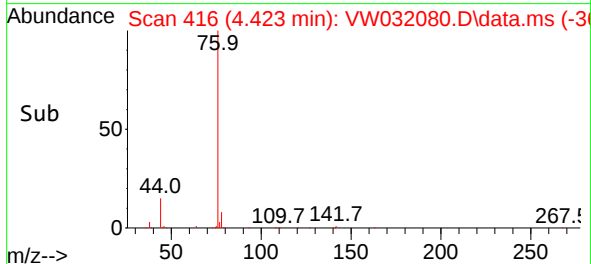
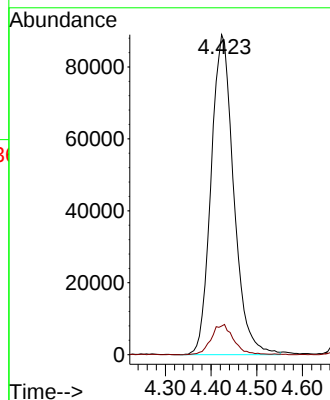
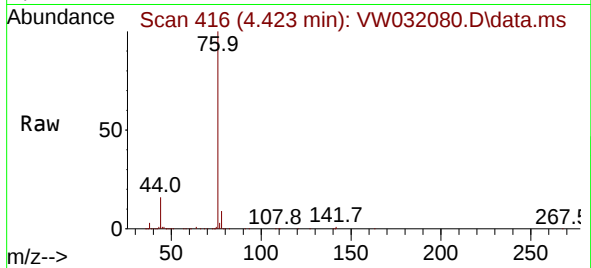




#17
Carbon Disulfide
Concen: 45.000 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

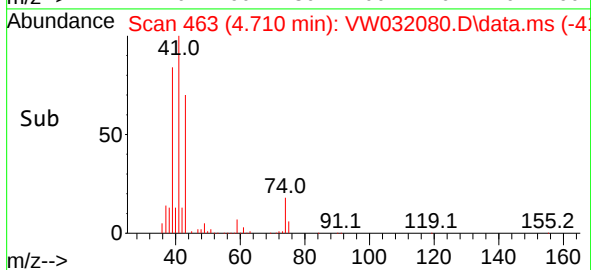
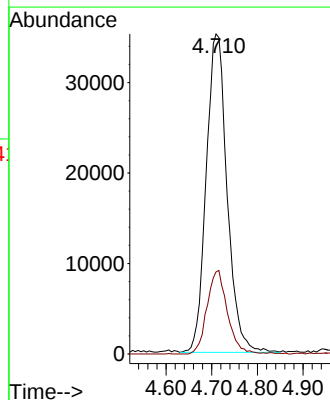
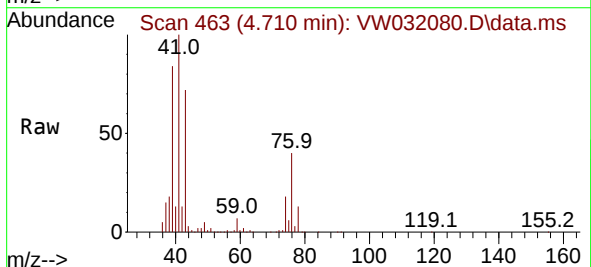
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

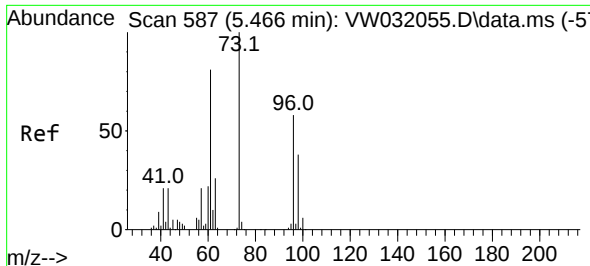
Tgt Ion: 76 Resp: 306638
Ion Ratio Lower Upper
76 100
78 8.9 6.4 9.6



#18
Methyl Acetate
Concen: 50.516 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 43 Resp: 112047
Ion Ratio Lower Upper
43 100
74 25.5 20.6 31.0

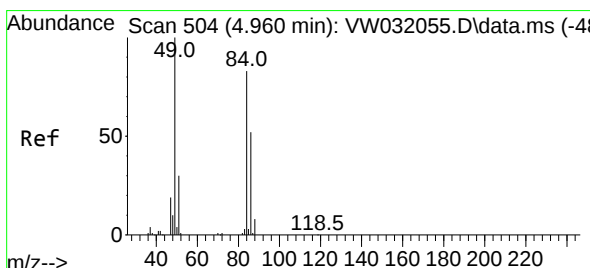
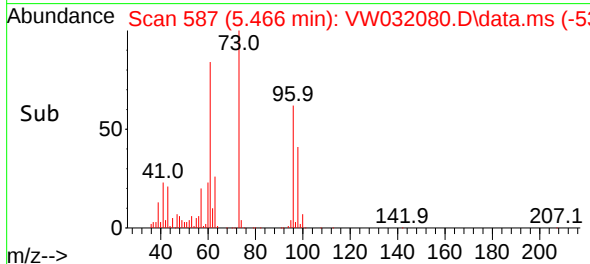
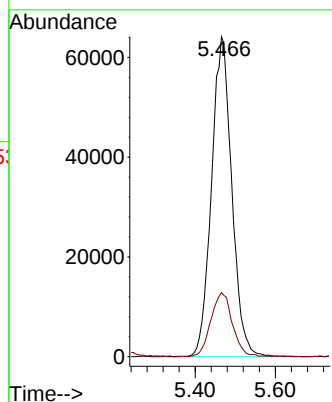
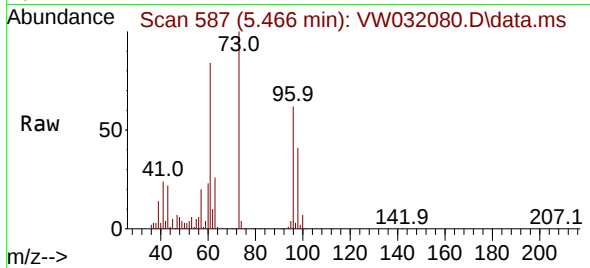




#19
Methyl tert-butyl Ether
Concen: 50.329 ug/l
RT: 5.466 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

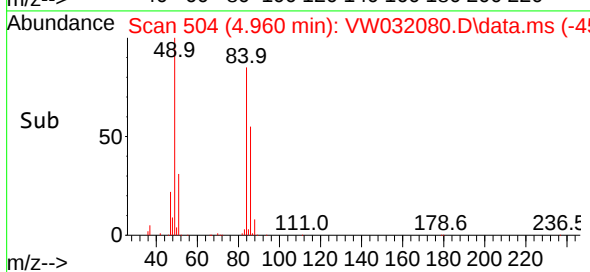
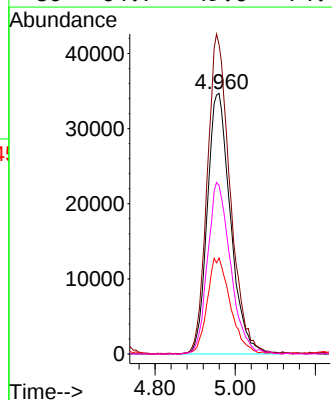
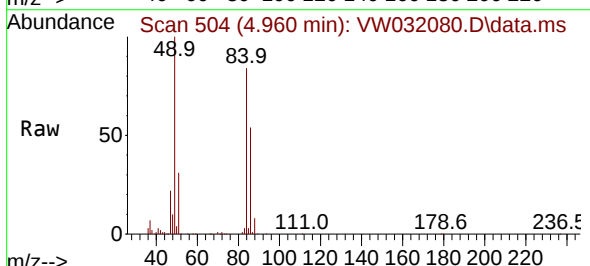
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

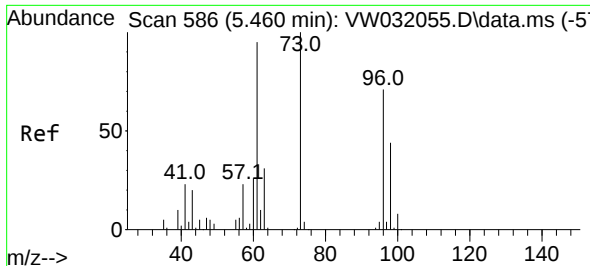
Tgt Ion: 73 Resp: 225122
Ion Ratio Lower Upper
73 100
57 19.9 17.2 25.8



#20
Methylene Chloride
Concen: 42.955 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 84 Resp: 139212
Ion Ratio Lower Upper
84 100
49 118.8 95.9 143.9
51 36.8 28.6 43.0
86 64.7 49.6 74.4

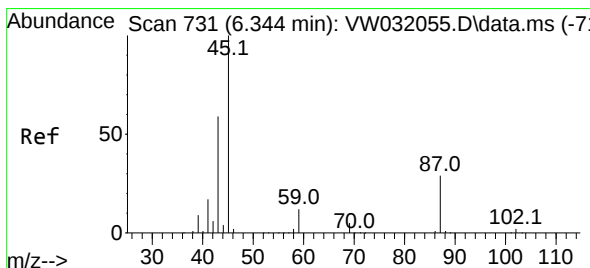
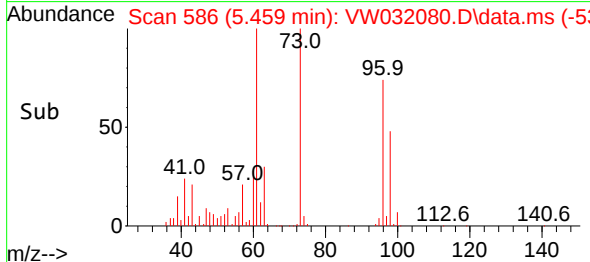
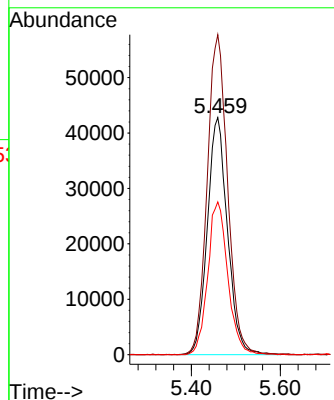
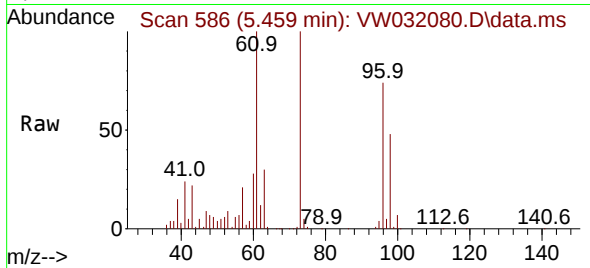




#21
trans-1,2-Dichloroethene
Concen: 50.080 ug/l
RT: 5.459 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

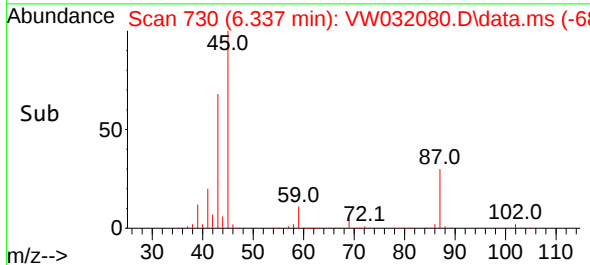
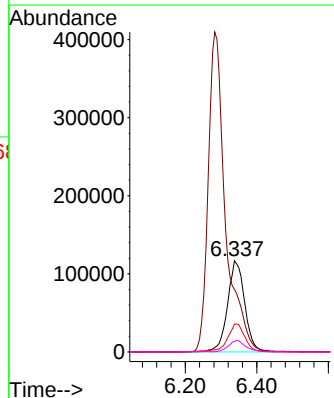
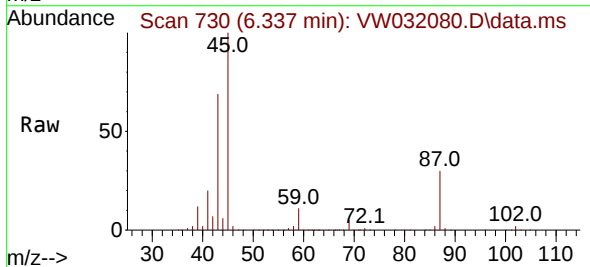
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

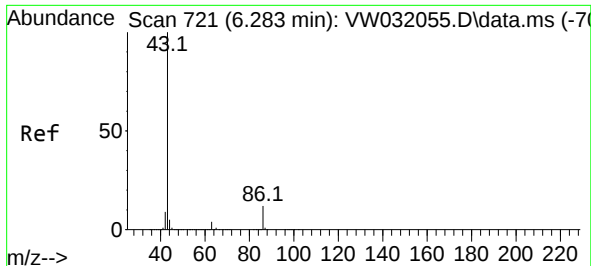
Tgt Ion: 96 Resp: 134920
Ion Ratio Lower Upper
96 100
61 134.8 106.8 160.2
98 64.4 49.6 74.4



#22
Diisopropyl ether
Concen: 49.971 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 45 Resp: 389232
Ion Ratio Lower Upper
45 100
43 68.5 47.0 70.4
87 30.4 23.8 35.8
59 11.4 9.5 14.3

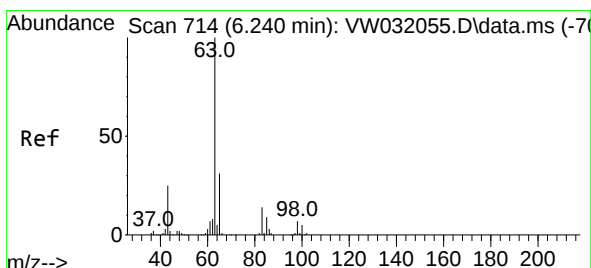
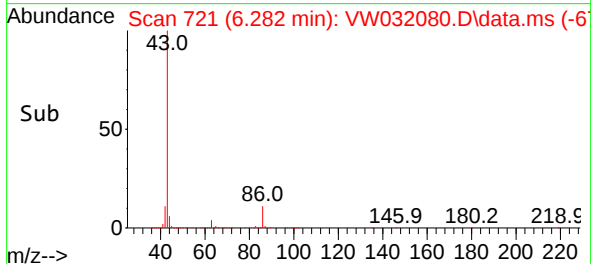
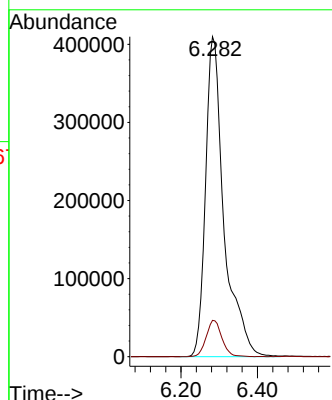
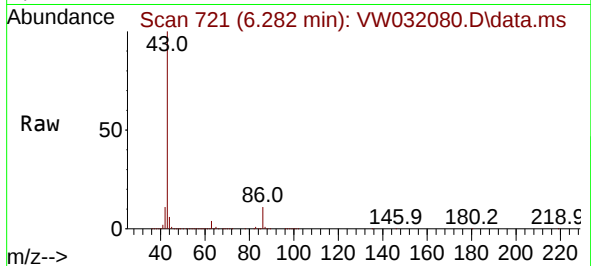




#23
 Vinyl Acetate
 Concen: 268.547 ug/l
 RT: 6.282 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032080.D
 Acq: 14 Aug 2025 09:27

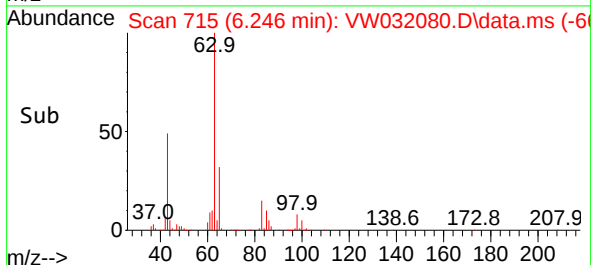
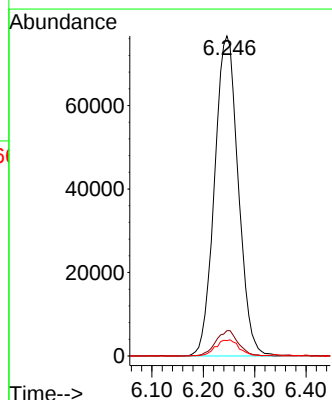
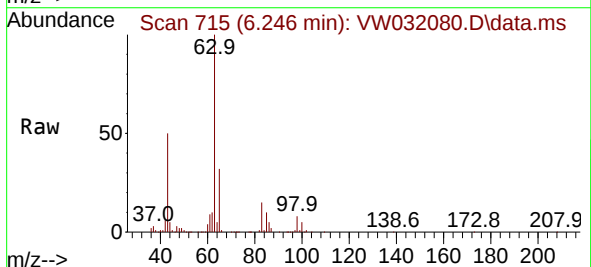
Instrument :
 MSVOA_W
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 VSTDCCC050

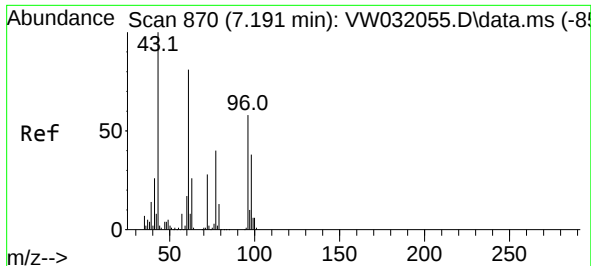
Tgt Ion: 43 Resp: 1373340
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 49.263 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032080.D
 Acq: 14 Aug 2025 09:27

Tgt Ion: 63 Resp: 245164
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 4.8 2.5 7.4

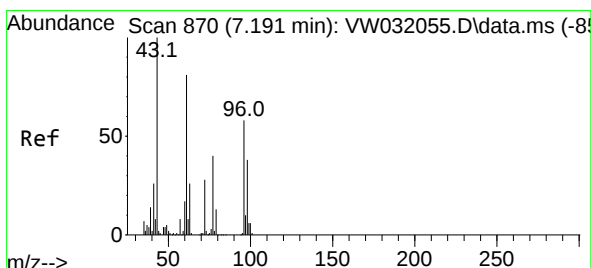
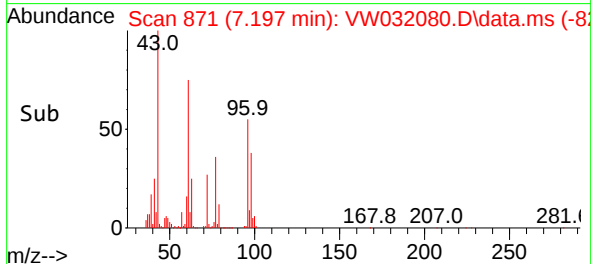
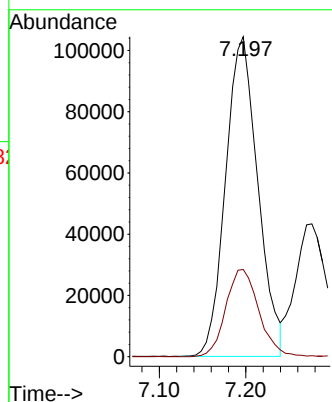
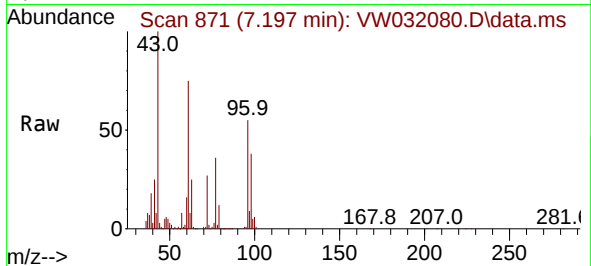




#25
2-Butanone
Concen: 271.199 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

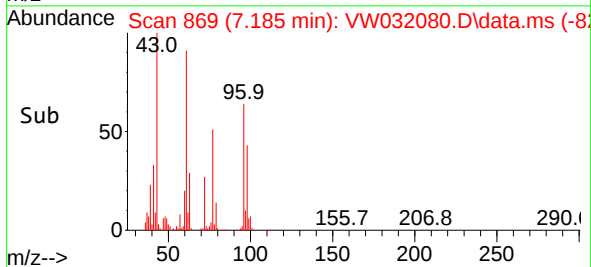
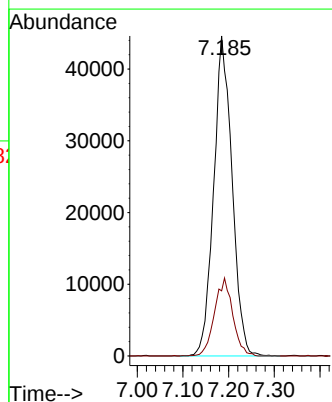
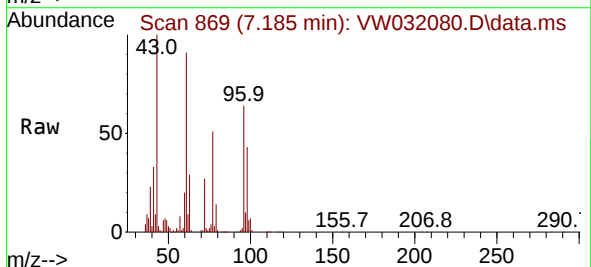
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

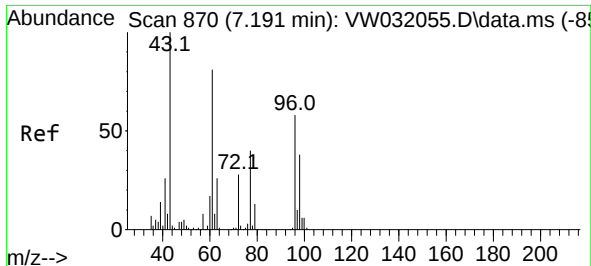
Tgt Ion: 43 Resp: 270175
Ion Ratio Lower Upper
43 100
72 27.3 22.3 33.5



#26
2,2-Dichloropropane
Concen: 49.956 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 77 Resp: 124724
Ion Ratio Lower Upper
77 100
97 24.2 12.3 36.9

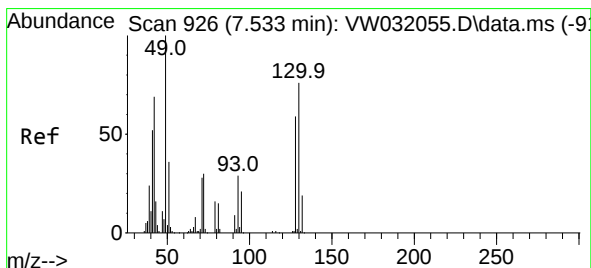
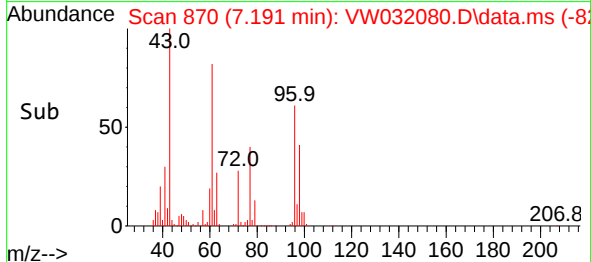
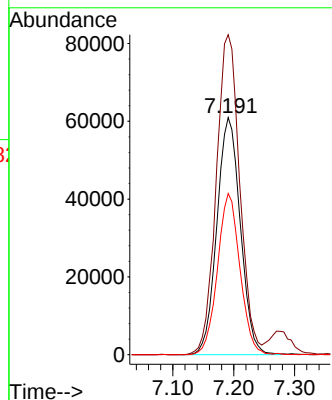
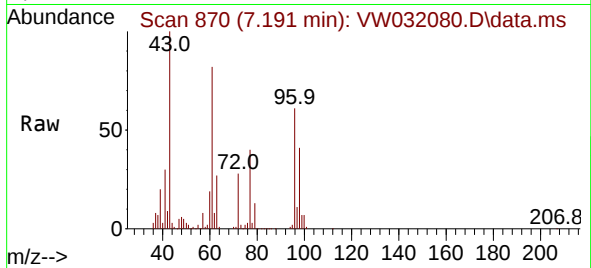




#27
 cis-1,2-Dichloroethene
 Concen: 51.787 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032080.D
 Acq: 14 Aug 2025 09:27

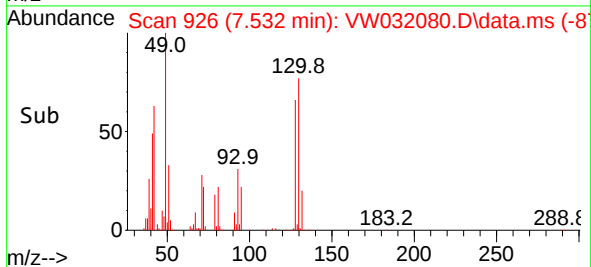
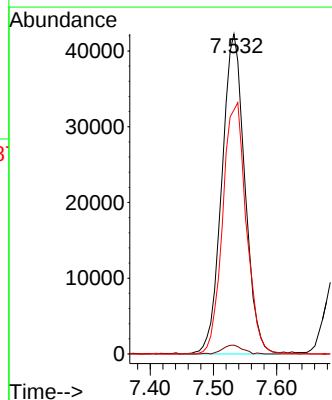
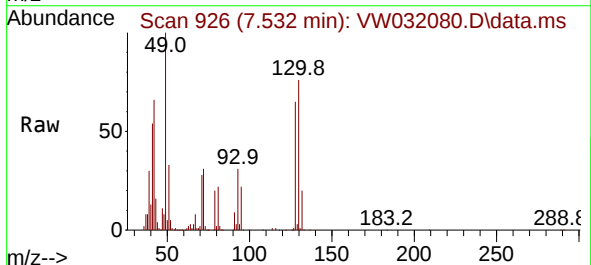
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

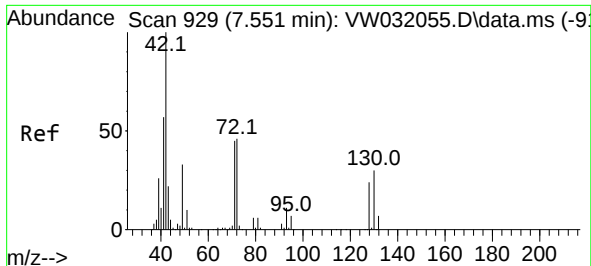
Tgt Ion: 96 Resp: 163086
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 281.2
 98 65.1 0.0 130.8



#28
 Bromochloromethane
 Concen: 47.126 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032080.D
 Acq: 14 Aug 2025 09:27

Tgt Ion: 49 Resp: 106726
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 80.3 61.9 92.9

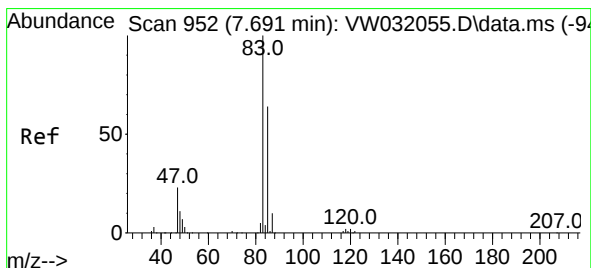
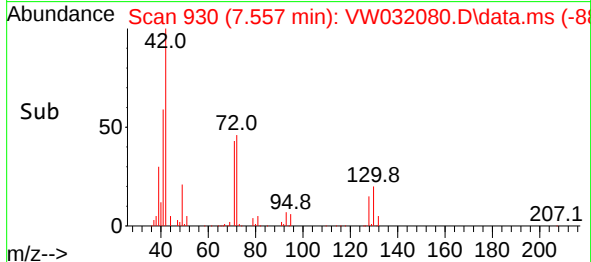
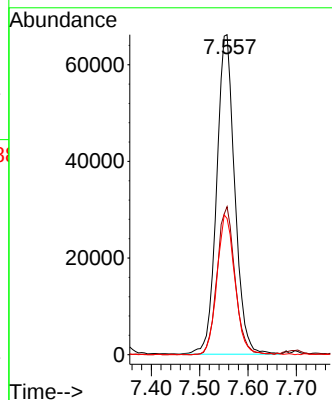
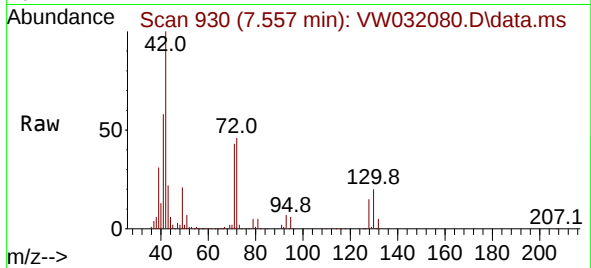




#29
Tetrahydrofuran
Concen: 261.846 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

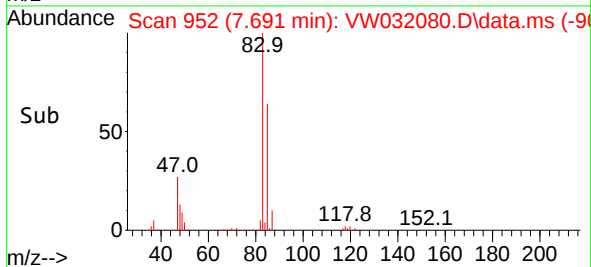
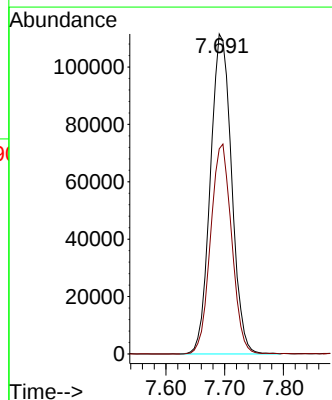
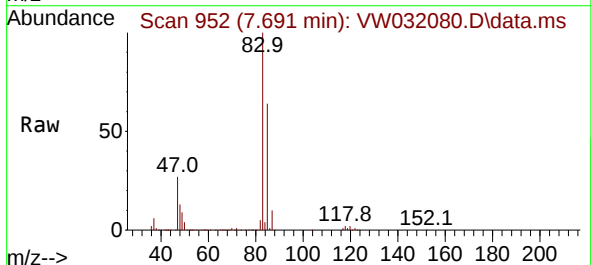
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

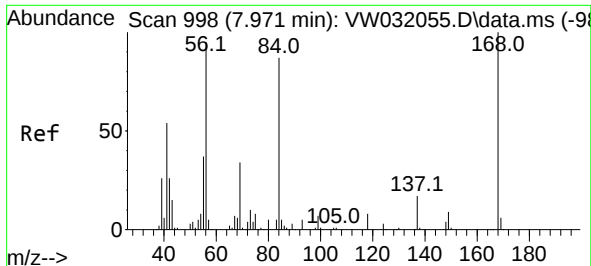
Tgt Ion: 42 Resp: 172032
Ion Ratio Lower Upper
42 100
72 45.9 36.6 55.0
71 43.5 34.7 52.1



#30
Chloroform
Concen: 53.058 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 83 Resp: 279930
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.4

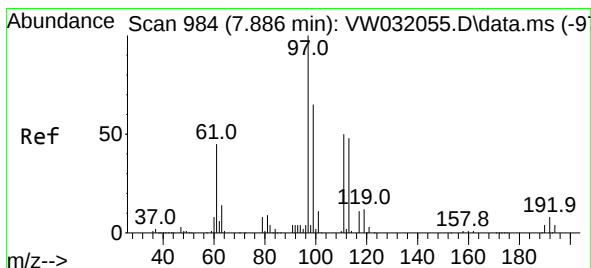
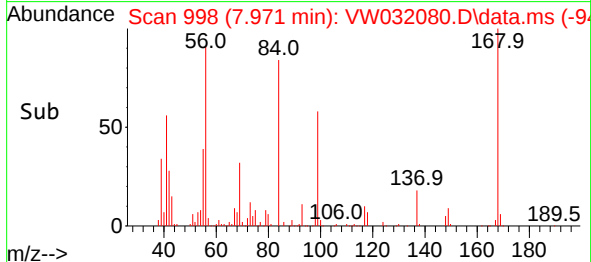
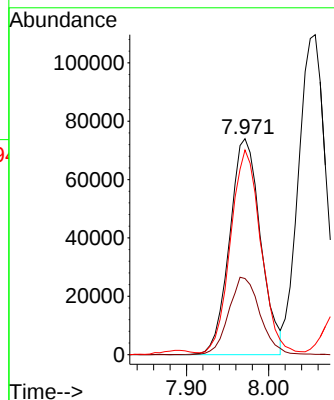
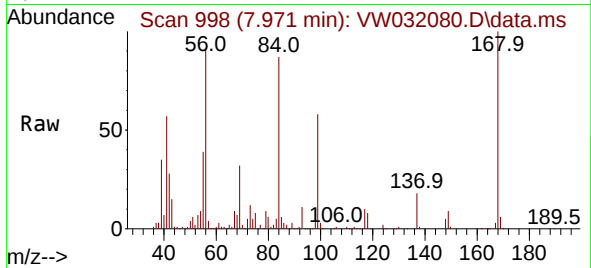




#31
Cyclohexane
Concen: 45.011 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

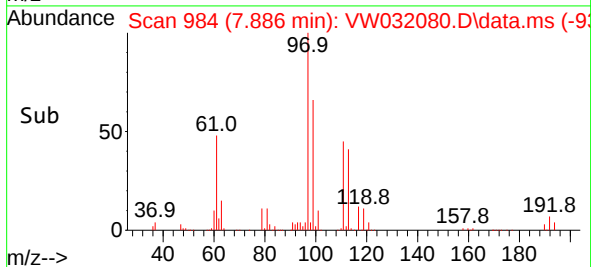
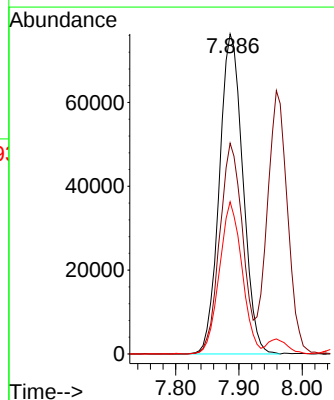
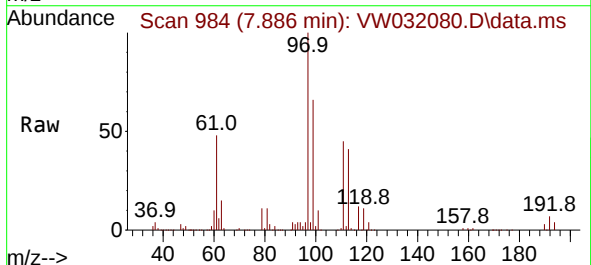
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

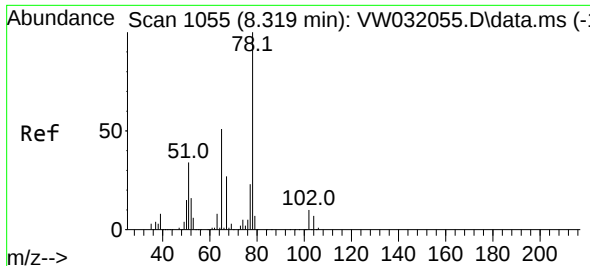
Tgt Ion: 56 Resp: 194201
Ion Ratio Lower Upper
56 100
69 35.1 28.6 42.8
84 92.7 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 51.378 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 97 Resp: 196892
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 45.9 35.9 53.9

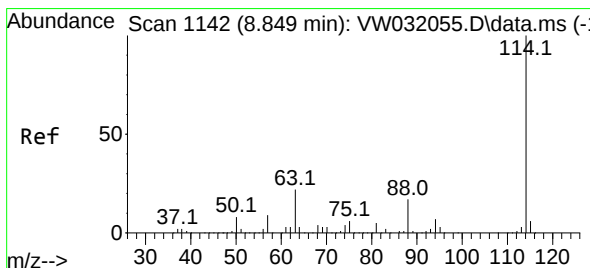
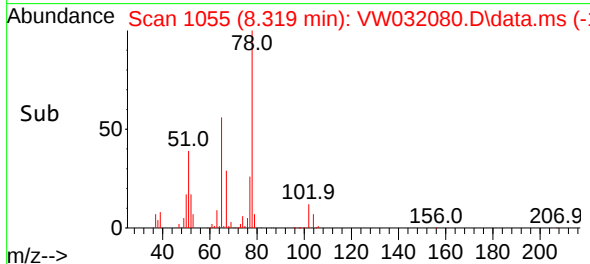
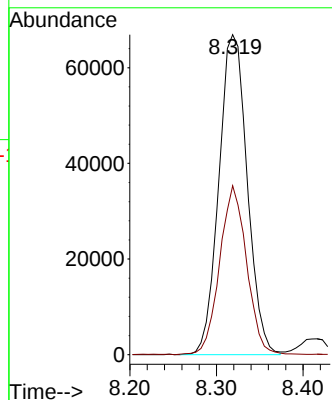
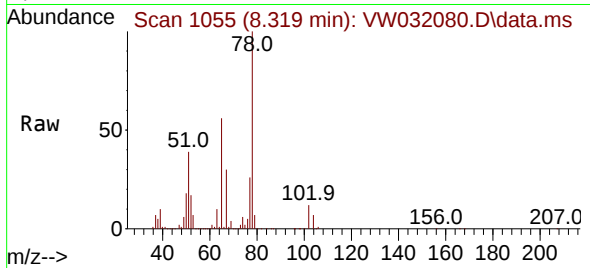




#33
 1,2-Dichloroethane-d4
 Concen: 50.347 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032080.D
 Acq: 14 Aug 2025 09:27

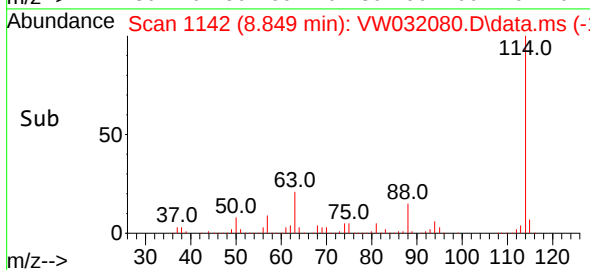
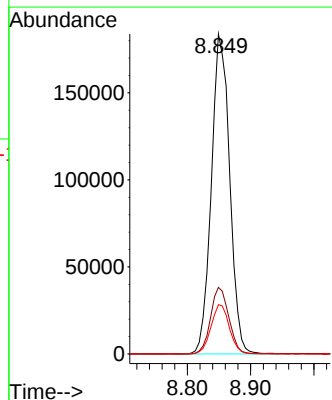
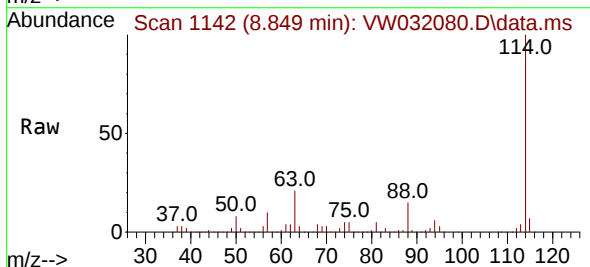
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

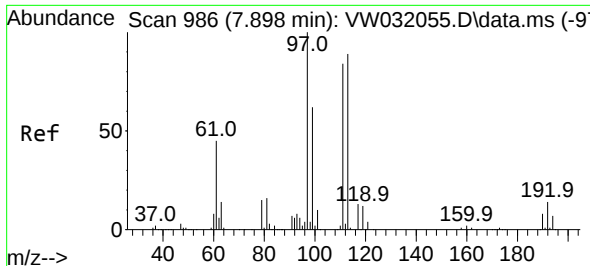
Tgt Ion: 65 Resp: 152426
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032080.D
 Acq: 14 Aug 2025 09:27

Tgt Ion: 114 Resp: 369087
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.0
 88 15.4 0.0 33.8

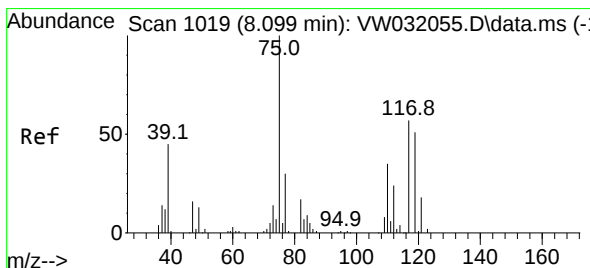
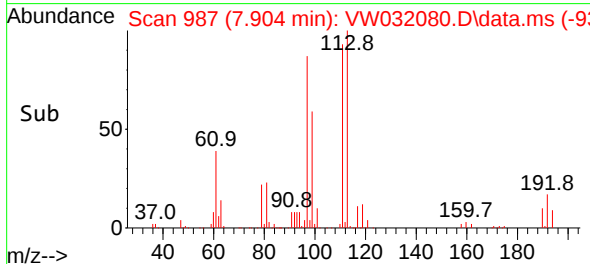
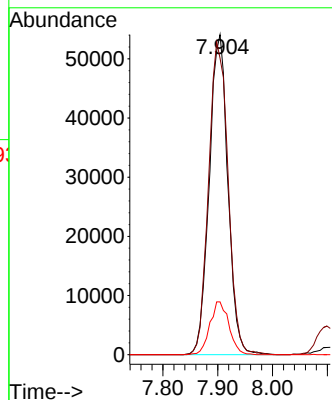
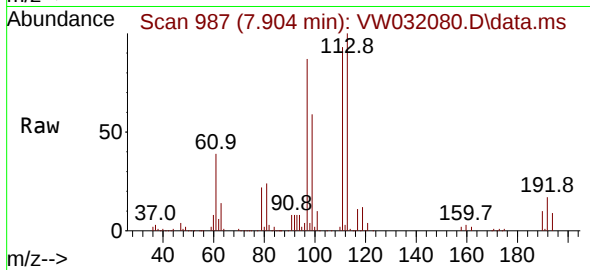




#35
Dibromofluoromethane
Concen: 53.483 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

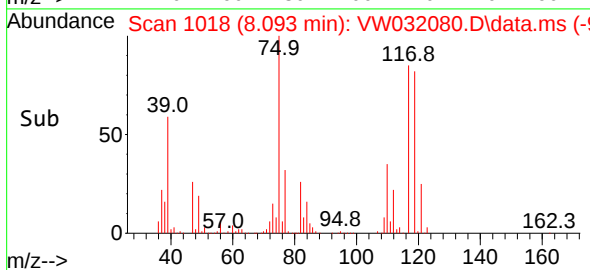
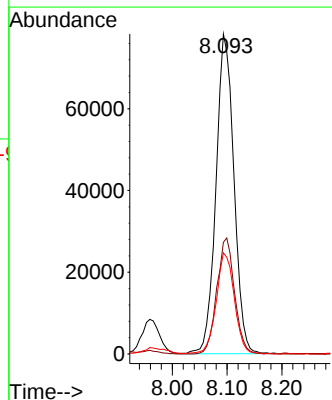
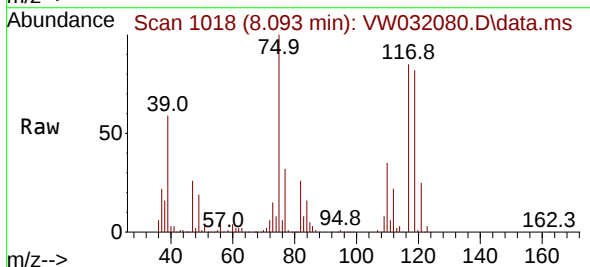
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

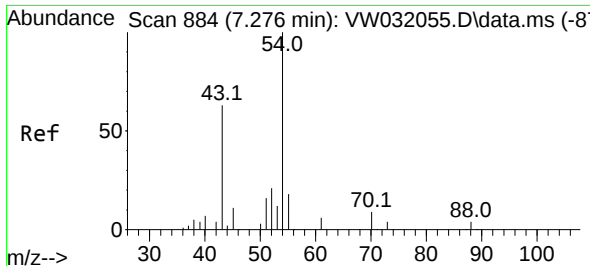
Tgt Ion:113 Resp: 127528
Ion Ratio Lower Upper
113 100
111 102.5 80.1 120.1
192 16.9 13.1 19.7



#36
1,1-Dichloropropene
Concen: 53.016 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 75 Resp: 178210
Ion Ratio Lower Upper
75 100
110 35.8 17.4 52.2
77 32.1 24.7 37.1





#37

Ethyl Acetate

Concen: 58.145 ug/l

RT: 7.276 min Scan# 884

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

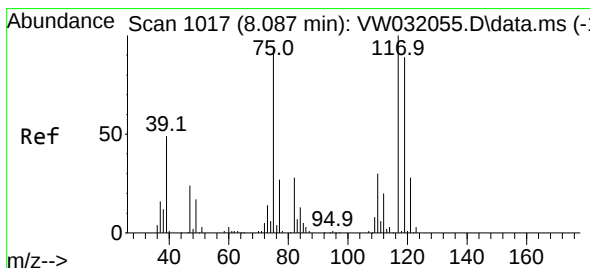
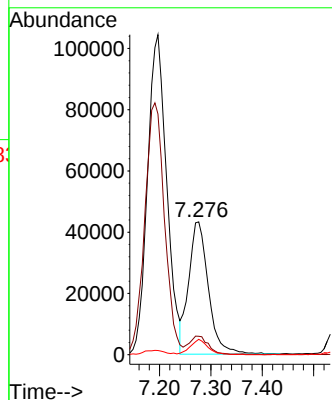
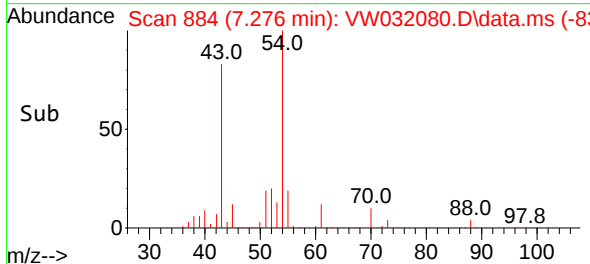
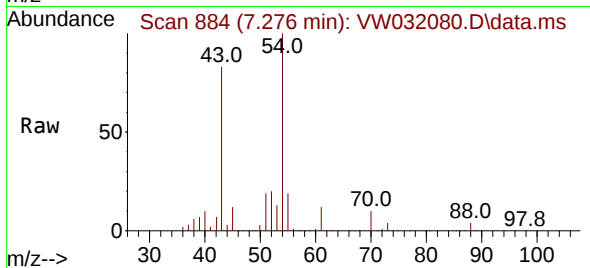
Tgt Ion: 43 Resp: 115111

Ion Ratio Lower Upper

43 100

61 13.0 11.8 17.6

70 10.4 9.4 14.0



#38

Carbon Tetrachloride

Concen: 58.281 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

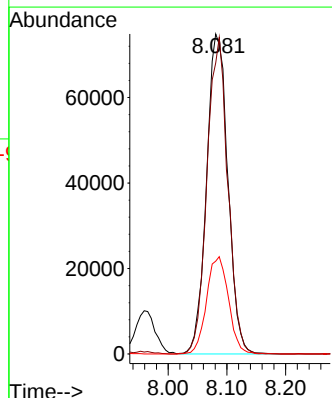
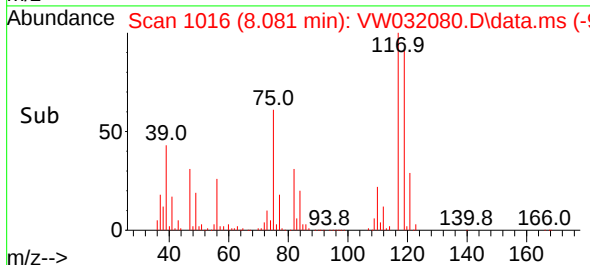
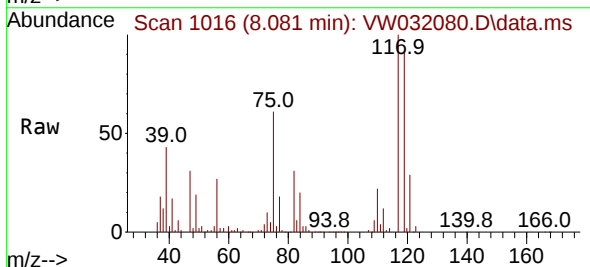
Tgt Ion: 117 Resp: 189059

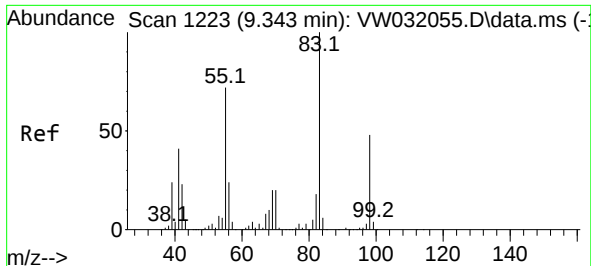
Ion Ratio Lower Upper

117 100

119 90.9 71.4 107.2

121 29.0 22.3 33.5

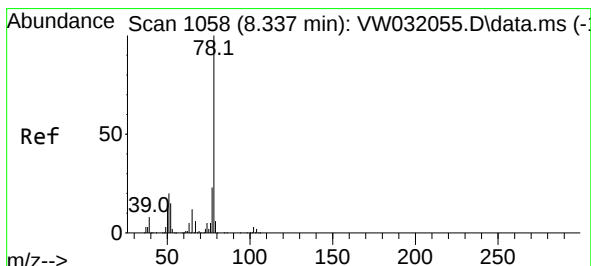
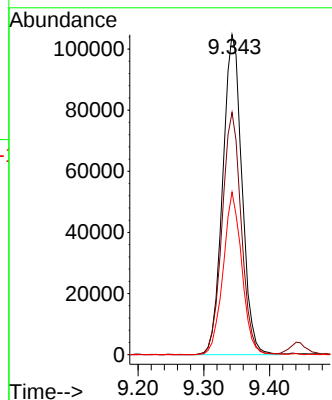
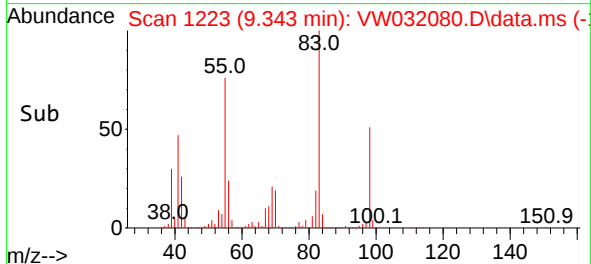
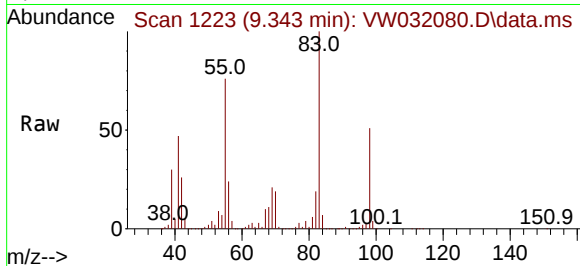




#39
Methylcyclohexane
Concen: 52.018 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

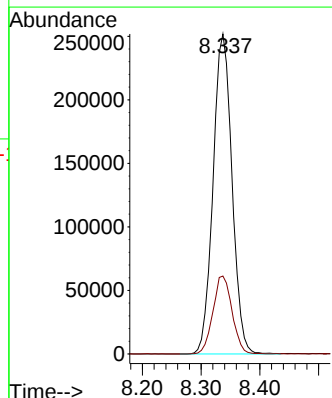
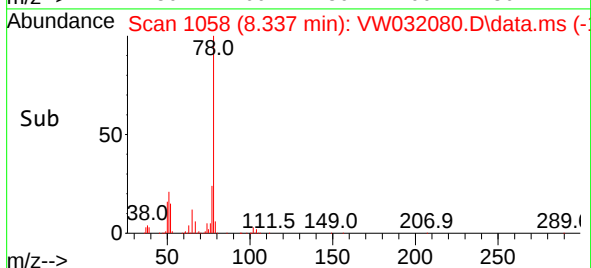
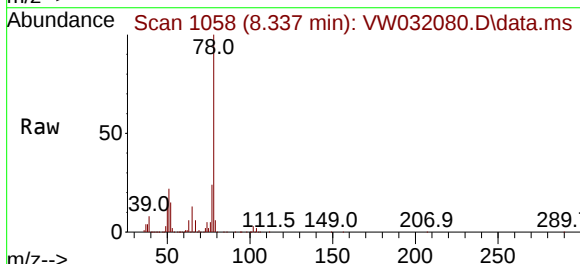
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

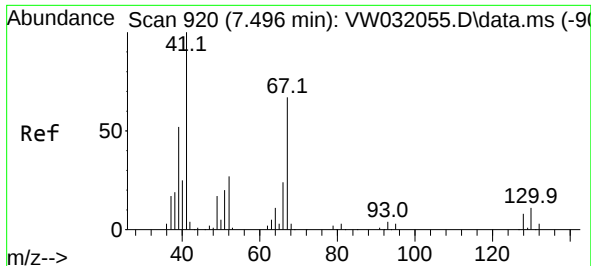
Tgt Ion: 83 Resp: 213123
Ion Ratio Lower Upper
83 100
55 75.6 57.9 86.9
98 50.8 38.3 57.5



#40
Benzene
Concen: 53.892 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 78 Resp: 563104
Ion Ratio Lower Upper
78 100
77 24.4 18.4 27.6

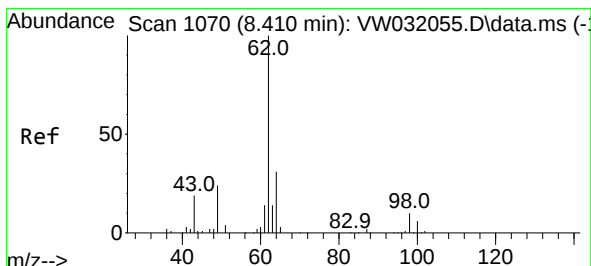
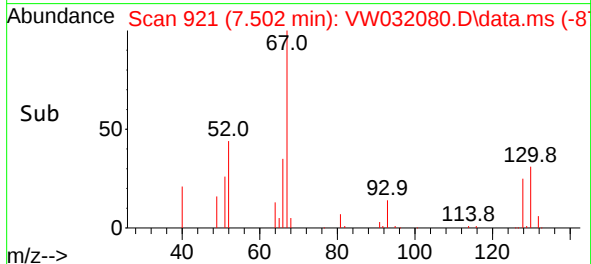
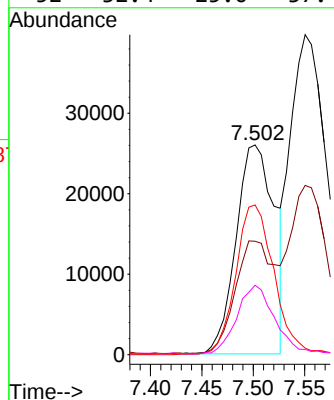
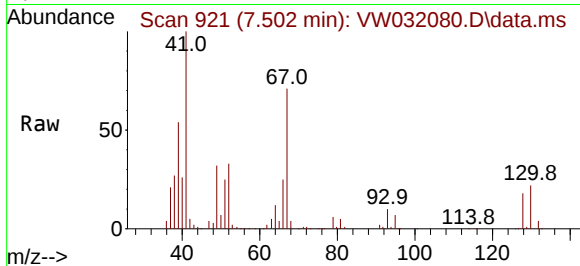




#41
Methacrylonitrile
Concen: 60.380 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

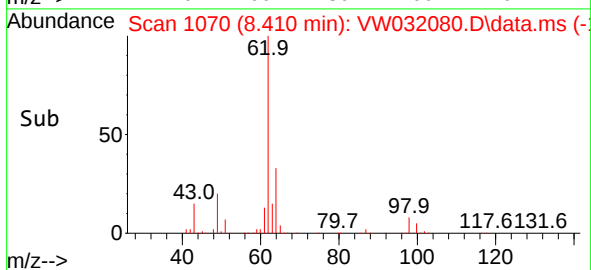
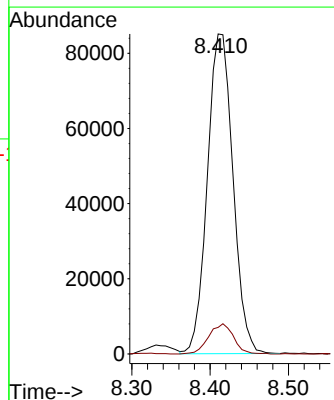
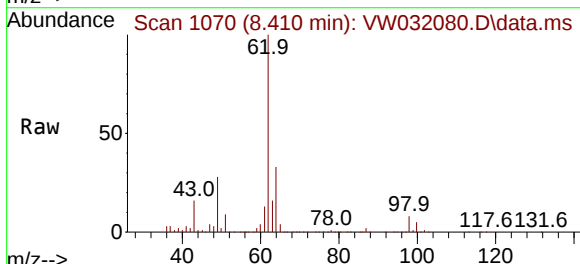
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

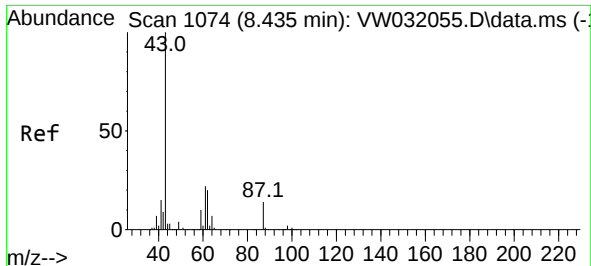
Tgt Ion:	41	Resp:	67789
Ion	Ratio	Lower	Upper
41	100		
39	56.8	42.6	63.8
67	71.2	61.0	91.4
52	32.4	25.0	37.4



#42
1,2-Dichloroethane
Concen: 57.820 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion:	62	Resp:	193320
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

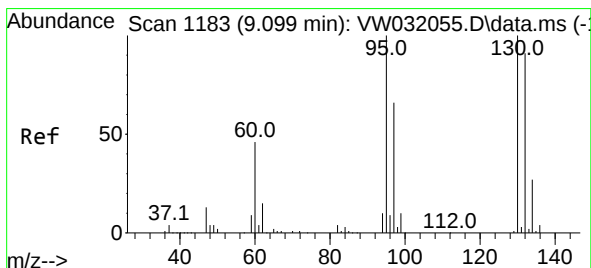
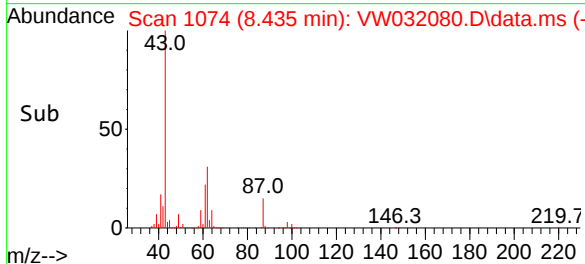
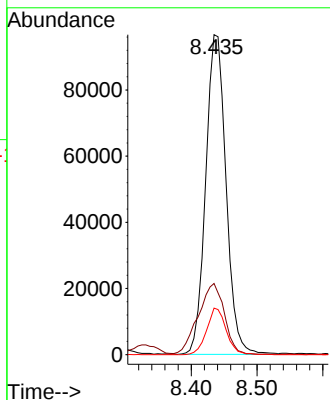
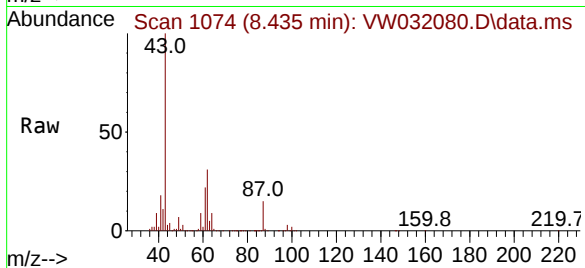




#43
Isopropyl Acetate
Concen: 57.148 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

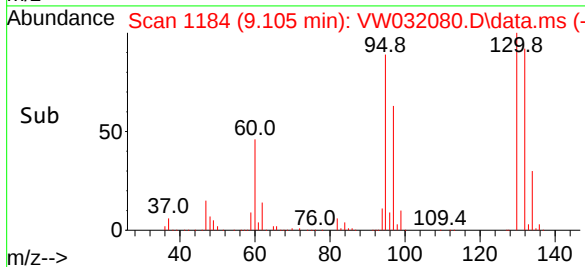
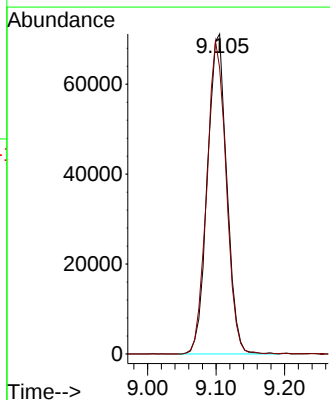
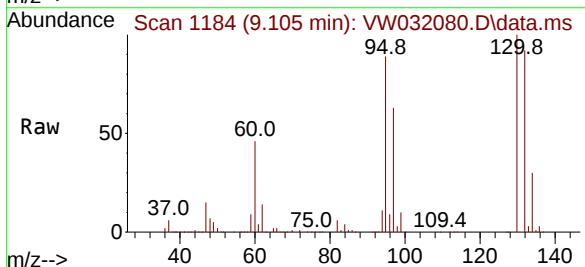
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

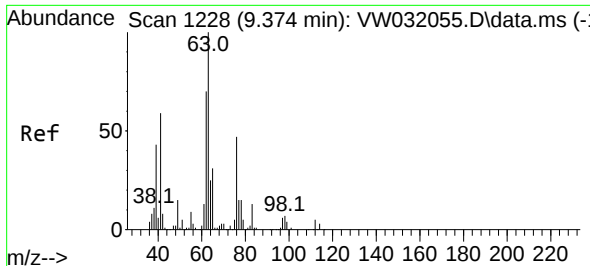
Tgt Ion: 43 Resp: 208154
Ion Ratio Lower Upper
43 100
61 28.3 23.8 35.8
87 14.0 11.7 17.5



#44
Trichloroethene
Concen: 56.237 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion:130 Resp: 139933
Ion Ratio Lower Upper
130 100
95 89.4 0.0 200.6

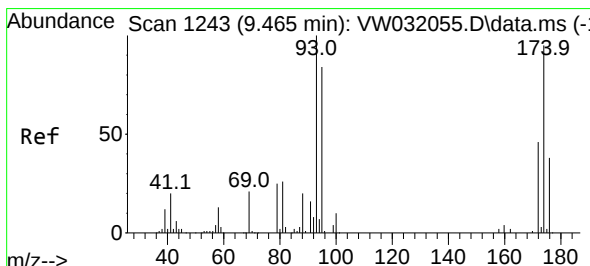
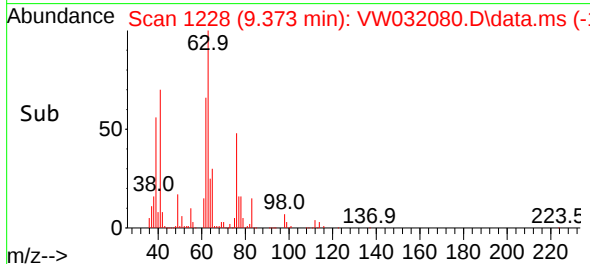
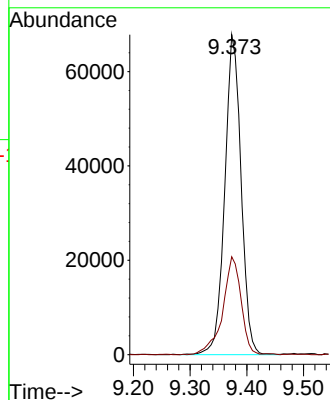
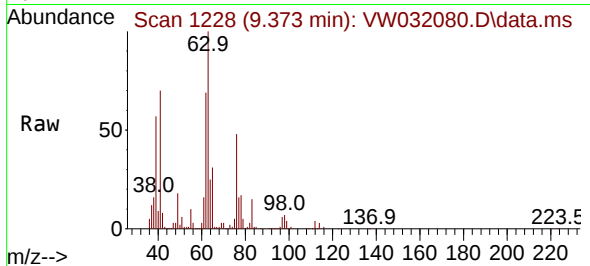




#45
1,2-Dichloropropane
Concen: 53.705 ug/l
RT: 9.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

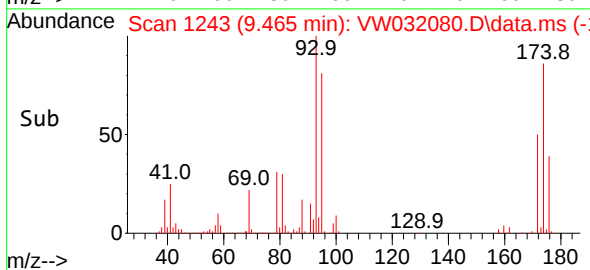
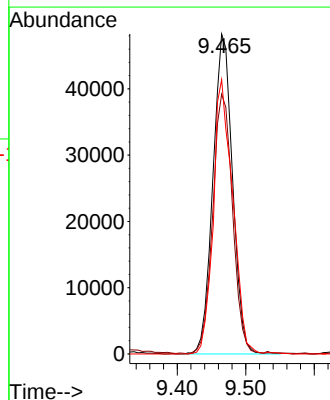
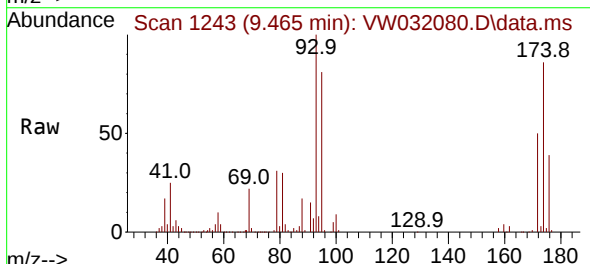
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

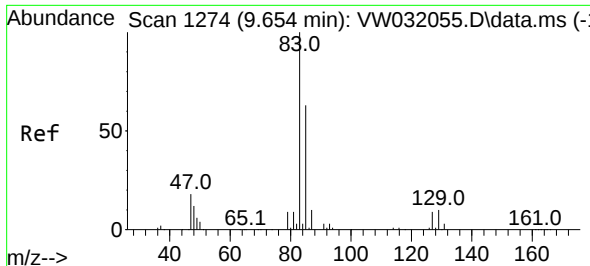
Tgt Ion: 63 Resp: 135567
Ion Ratio Lower Upper
63 100
65 30.6 24.6 36.8



#46
Dibromomethane
Concen: 58.920 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 93 Resp: 95991
Ion Ratio Lower Upper
93 100
95 82.1 65.3 97.9
174 84.8 68.6 102.8

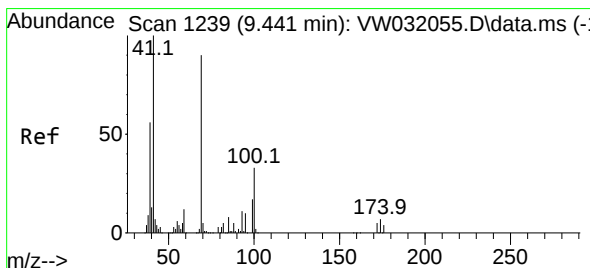
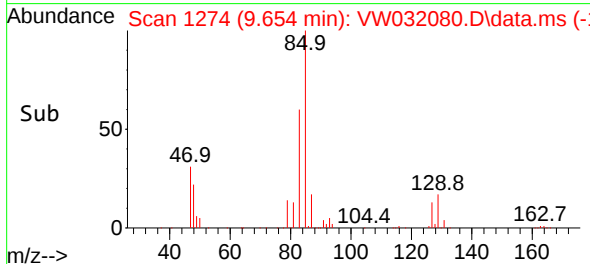
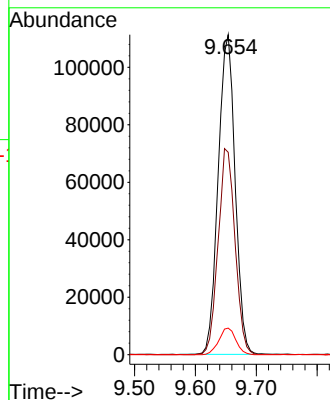
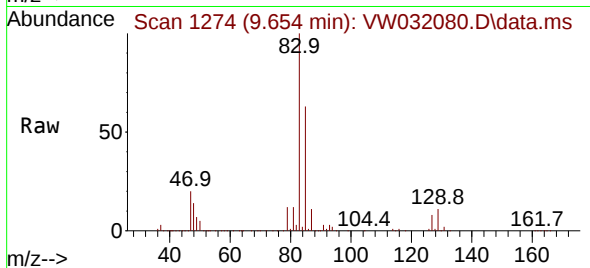




#47
Bromodichloromethane
Concen: 57.226 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

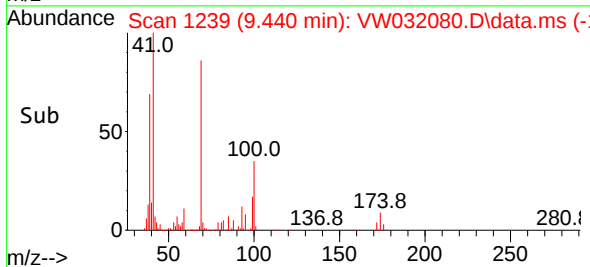
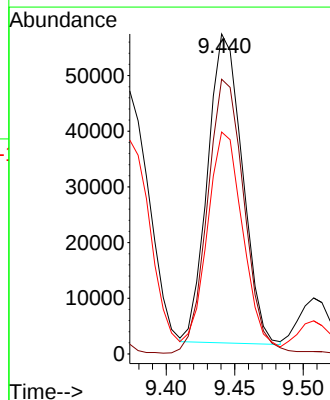
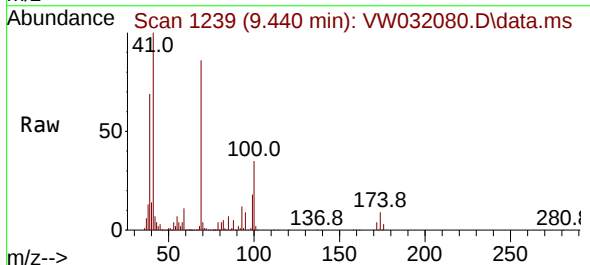
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

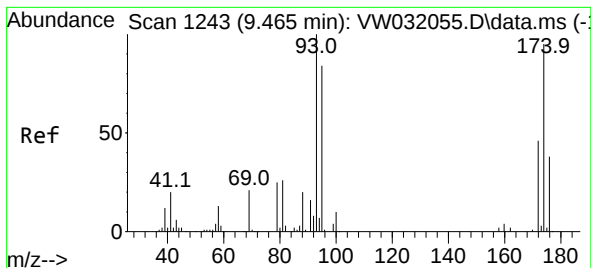
Tgt Ion: 83 Resp: 214831
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 8.3 6.9 10.3



#48
Methyl methacrylate
Concen: 55.521 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 41 Resp: 97630
Ion Ratio Lower Upper
41 100
69 94.2 73.0 109.6
39 74.6 45.0 67.4#





#49

1,4-Dioxane

Concen: 1132.752 ug/l

RT: 9.465 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

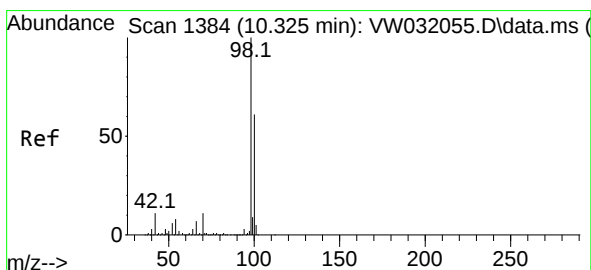
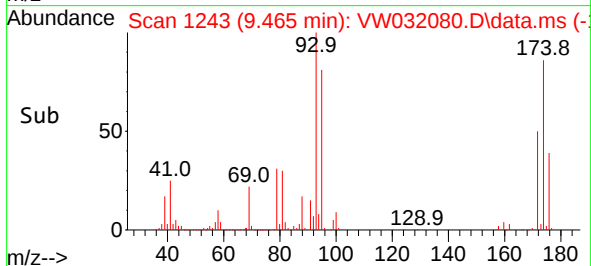
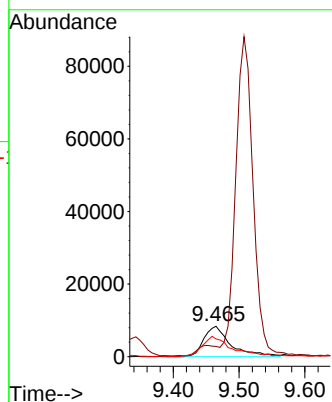
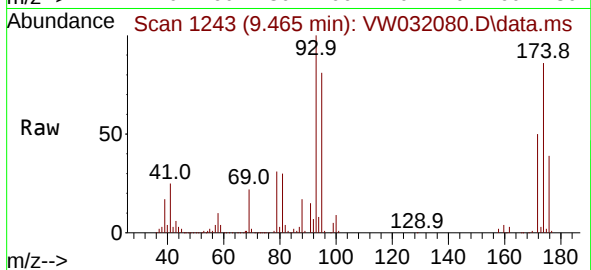
Tgt Ion: 88 Resp: 23861

Ion Ratio Lower Upper

88 100

43 24.1 20.6 30.8

58 74.5 60.4 90.6



#50

Toluene-d8

Concen: 51.355 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032080.D

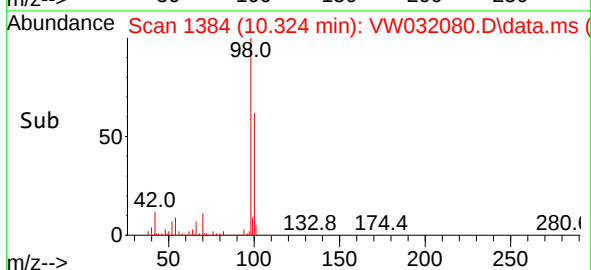
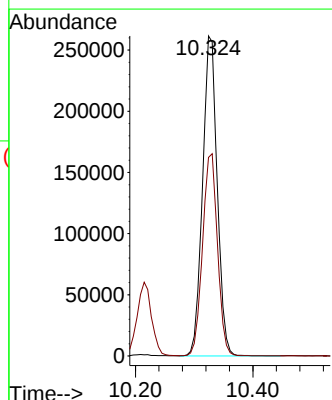
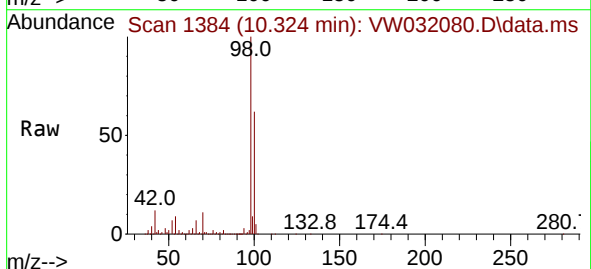
Acq: 14 Aug 2025 09:27

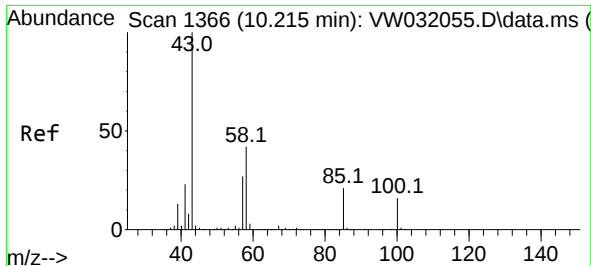
Tgt Ion: 98 Resp: 452920

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7

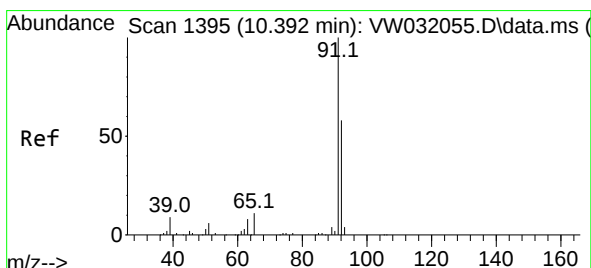
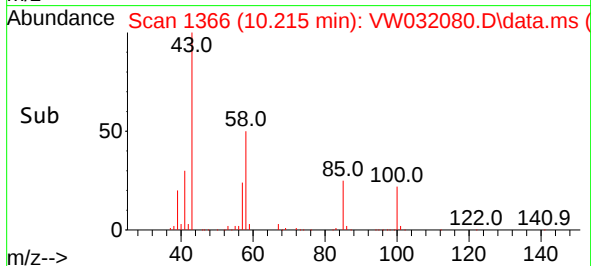
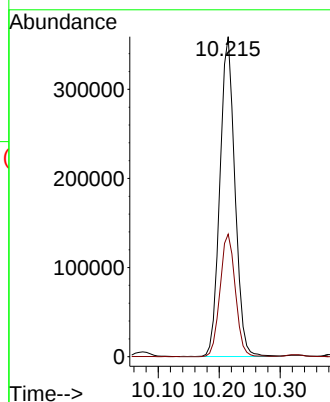
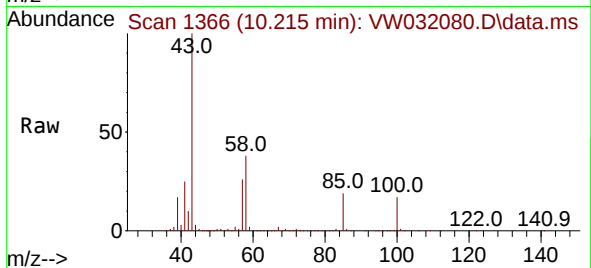




#51
4-Methyl-2-Pentanone
Concen: 298.600 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

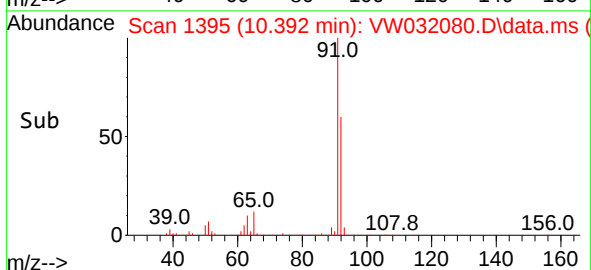
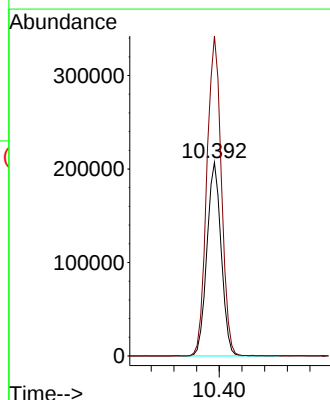
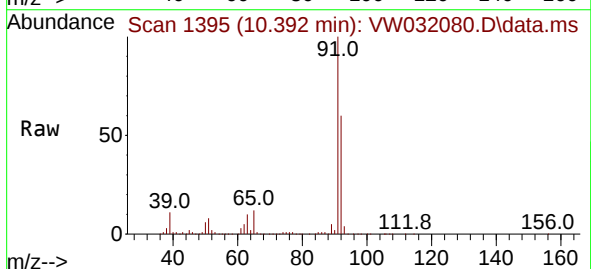
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

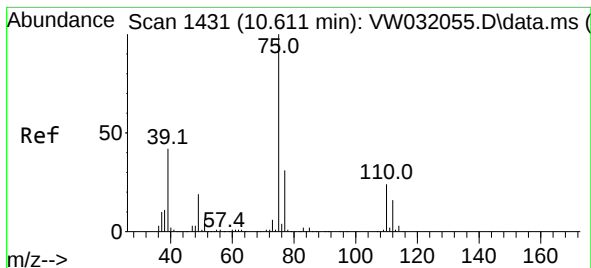
Tgt Ion: 43 Resp: 613885
Ion Ratio Lower Upper
43 100
58 39.1 33.1 49.7



#52
Toluene
Concen: 54.839 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 92 Resp: 360912
Ion Ratio Lower Upper
92 100
91 168.5 136.3 204.5

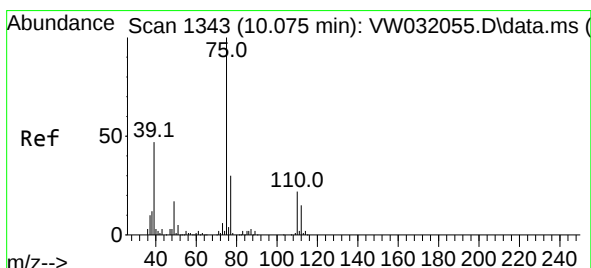
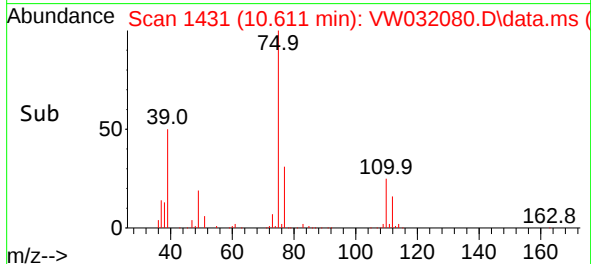
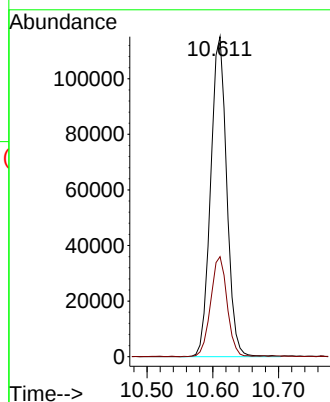
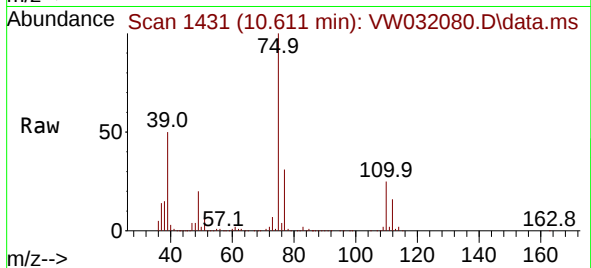




#53
t-1,3-Dichloropropene
Concen: 55.768 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

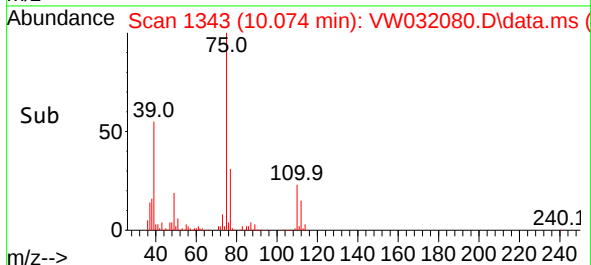
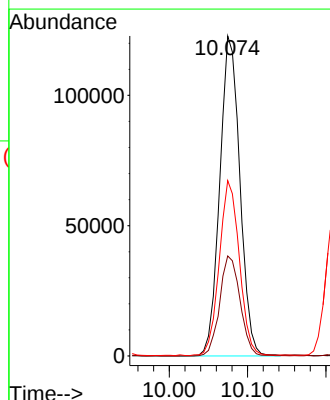
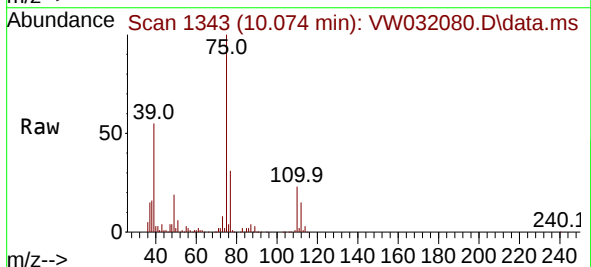
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

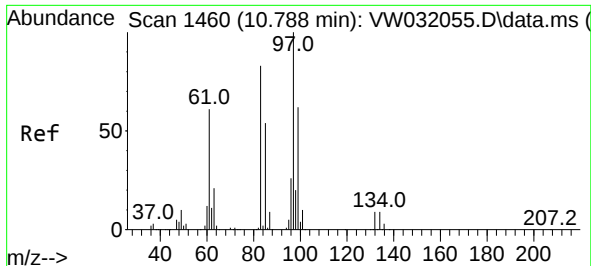
Tgt Ion: 75 Resp: 196142
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 54.997 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 75 Resp: 219444
Ion Ratio Lower Upper
75 100
77 31.3 24.0 36.0
39 54.5 37.8 56.8

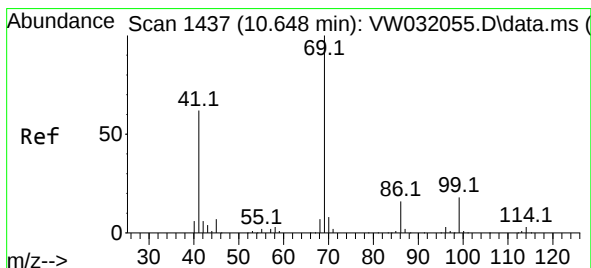
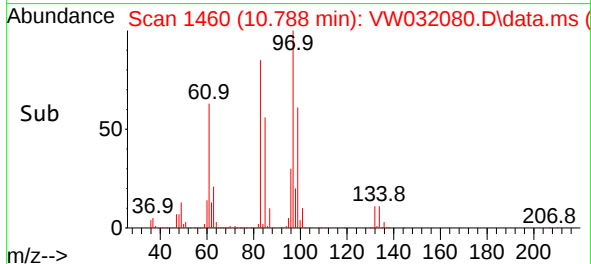
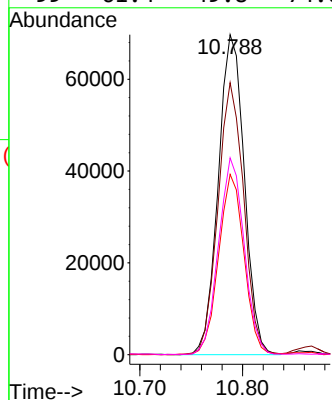
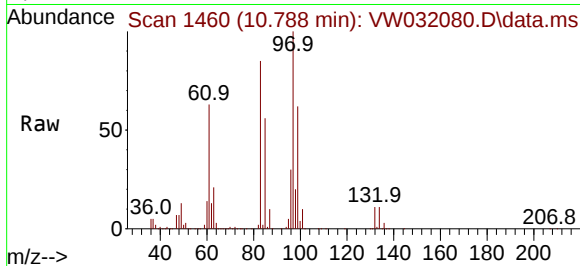




#55
1,1,2-Trichloroethane
Concen: 56.613 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

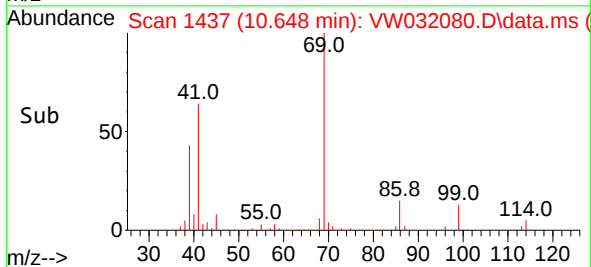
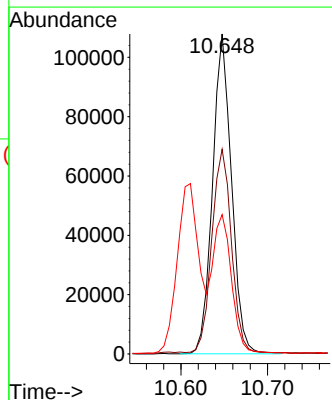
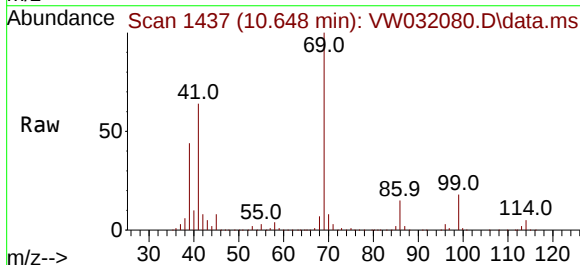
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

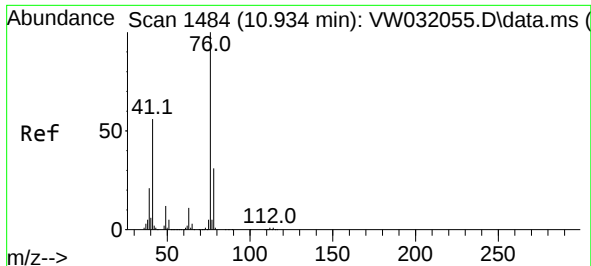
Tgt Ion:	97	Resp:	122561
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.4	99.6
85	56.1	43.1	64.7
99	61.4	49.8	74.6



#56
Ethyl methacrylate
Concen: 56.621 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion:	69	Resp:	164035
Ion	Ratio	Lower	Upper
69	100		
41	66.3	51.2	76.8
39	43.0	25.4	38.0





#57

1,3-Dichloropropane

Concen: 54.740 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA_W

ClientSampleId :

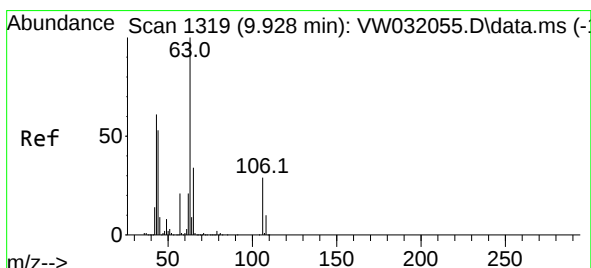
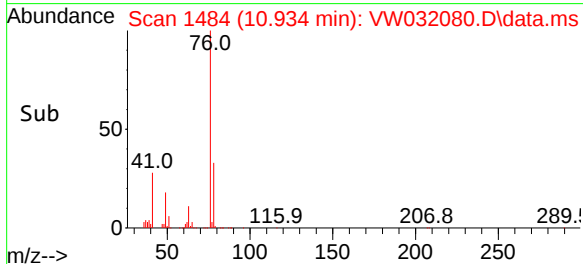
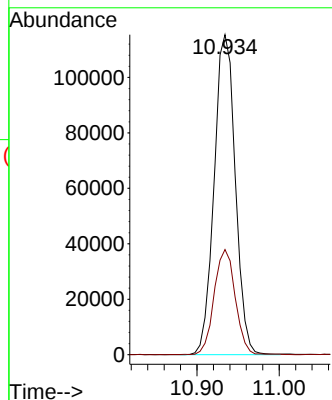
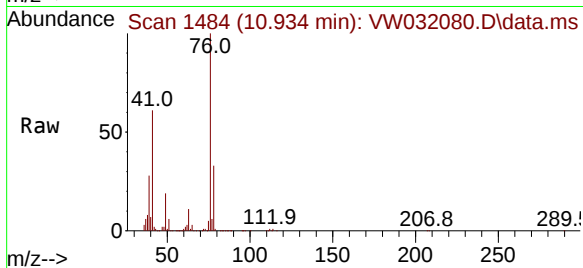
VSTDCCC050

Tgt Ion: 76 Resp: 206568

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 256.070 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032080.D

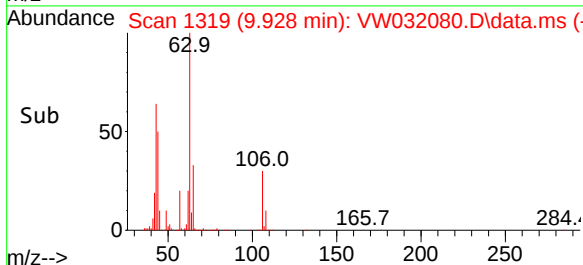
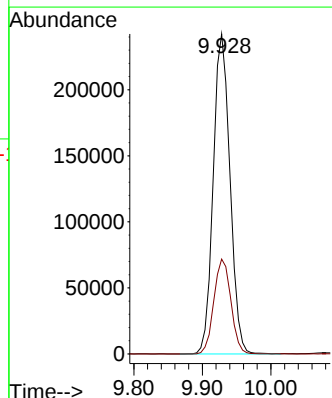
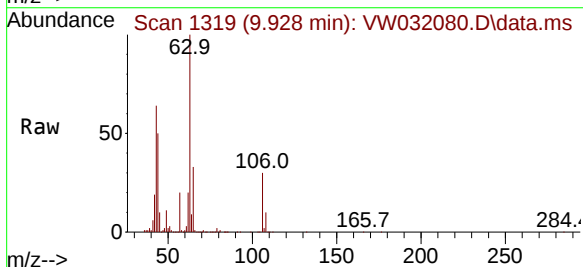
Acq: 14 Aug 2025 09:27

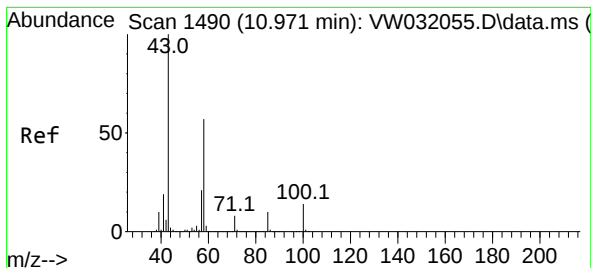
Tgt Ion: 63 Resp: 410338

Ion Ratio Lower Upper

63 100

106 30.1 23.5 35.3

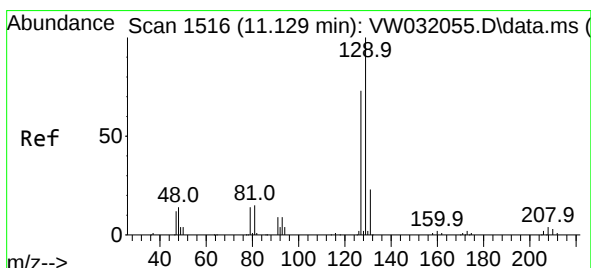
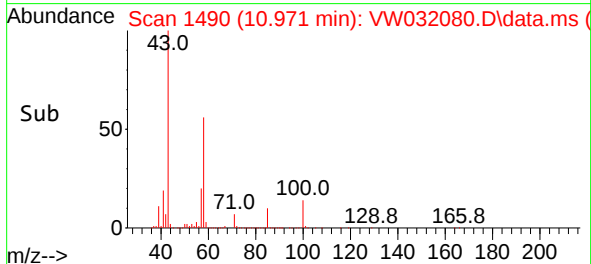
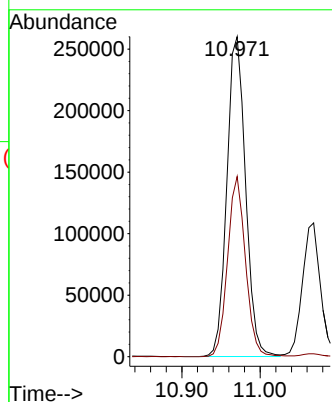
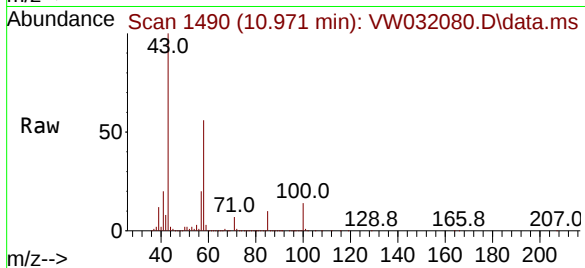




#59
2-Hexanone
Concen: 303.226 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

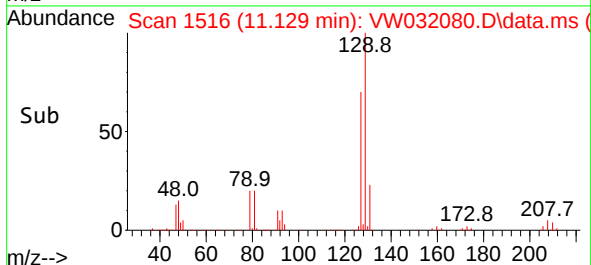
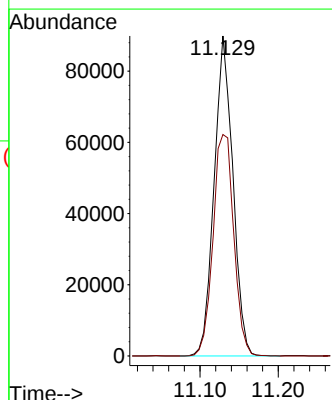
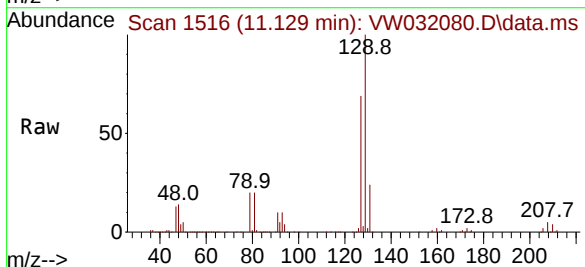
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

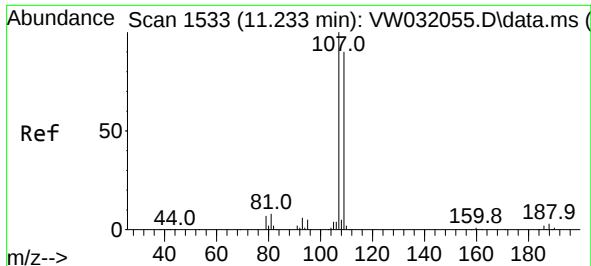
Tgt Ion: 43 Resp: 431742
Ion Ratio Lower Upper
43 100
58 53.9 28.3 85.0



#60
Dibromochloromethane
Concen: 60.364 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion:129 Resp: 149280
Ion Ratio Lower Upper
129 100
127 76.7 39.0 116.9

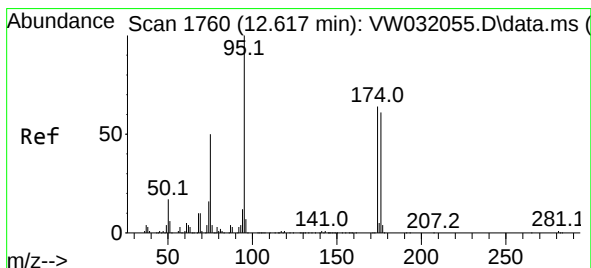
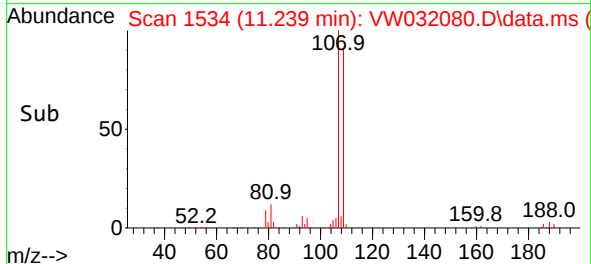
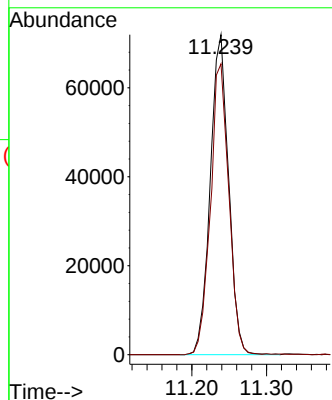
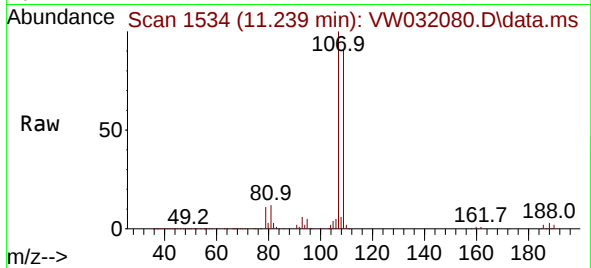




#61
1,2-Dibromoethane
Concen: 58.108 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

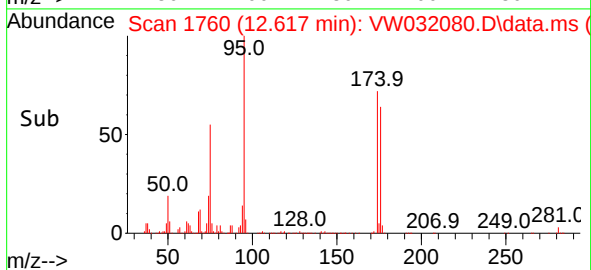
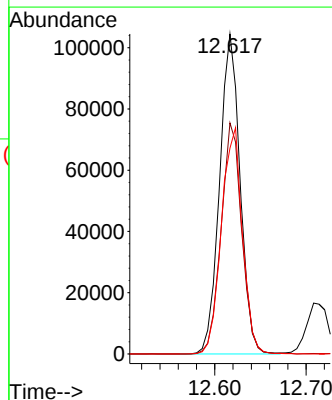
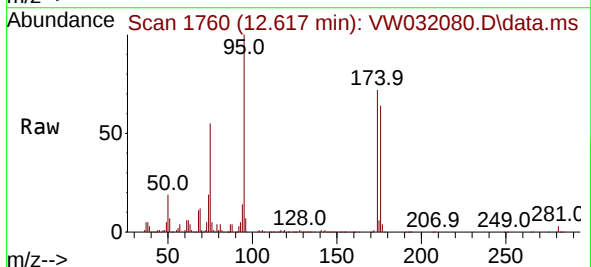
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

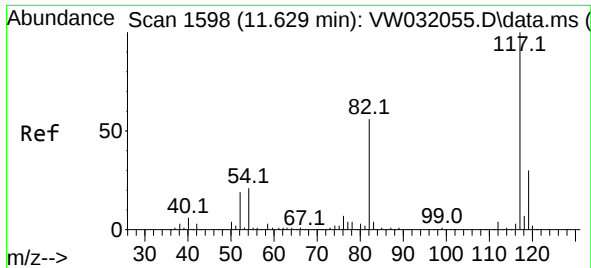
Tgt Ion:107 Resp: 122248
Ion Ratio Lower Upper
107 100
109 91.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.275 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 95 Resp: 163398
Ion Ratio Lower Upper
95 100
174 72.4 0.0 129.0
176 72.4 0.0 124.6

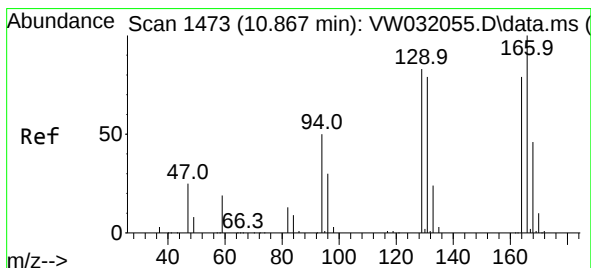
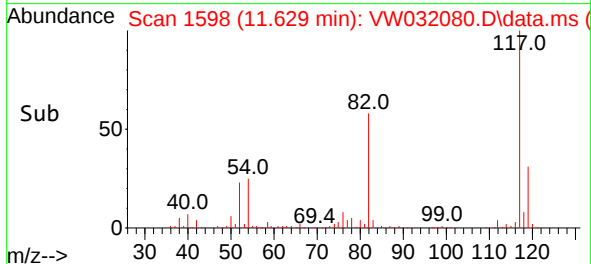
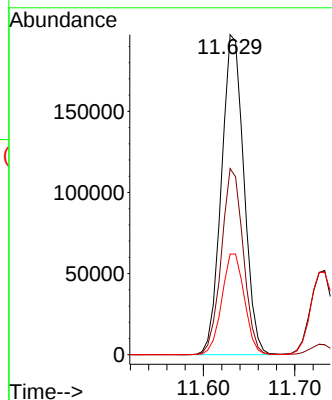
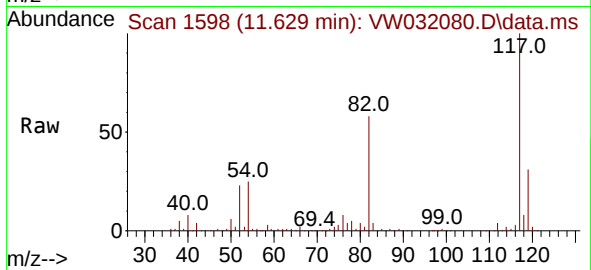




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

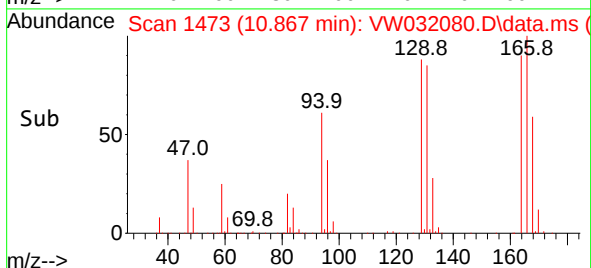
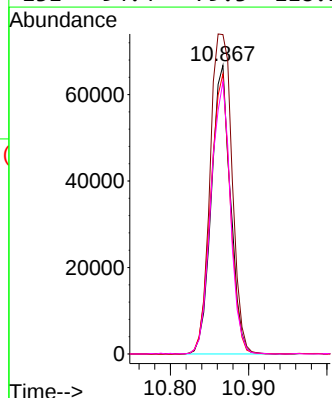
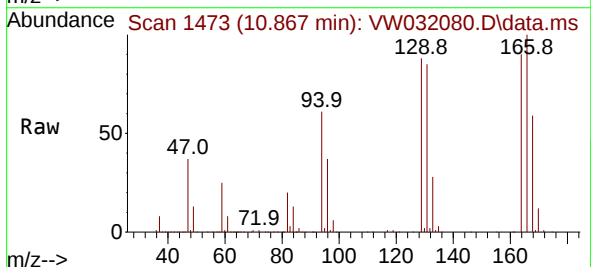
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

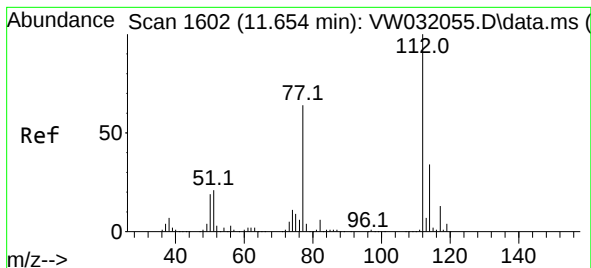
Tgt Ion:117 Resp: 337227
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 31.5 24.2 36.4



#64
Tetrachloroethene
Concen: 57.783 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion:164 Resp: 112551
Ion Ratio Lower Upper
164 100
166 110.7 100.9 151.3
129 97.1 83.6 125.4
131 94.4 79.3 118.9





#65

Chlorobenzene

Concen: 55.882 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA_W

ClientSampleId :

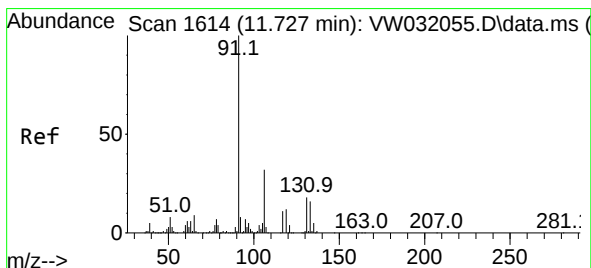
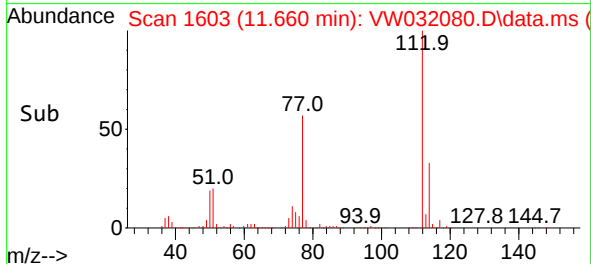
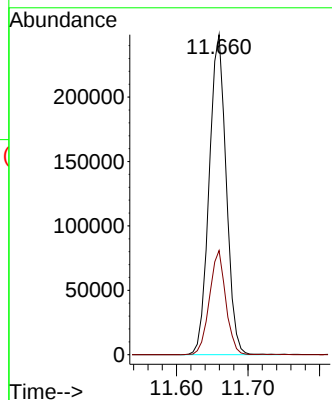
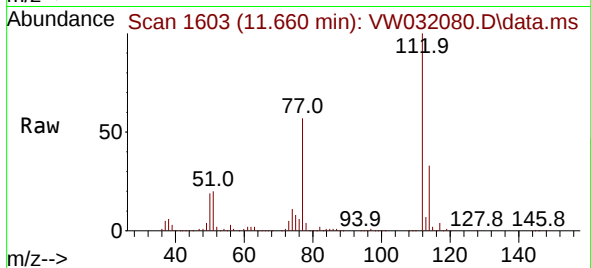
VSTDCCC050

Tgt Ion:112 Resp: 410189

Ion Ratio Lower Upper

112 100

114 32.6 26.9 40.3



#66

1,1,1,2-Tetrachloroethane

Concen: 58.241 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

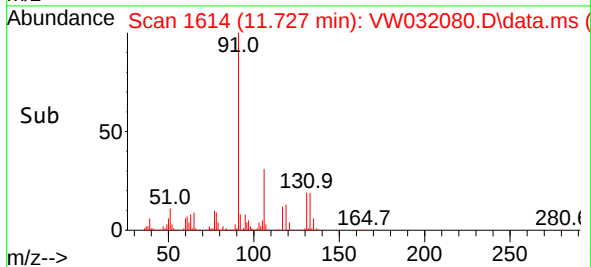
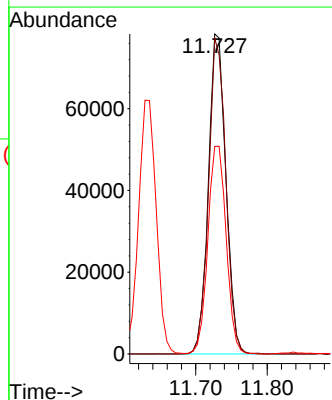
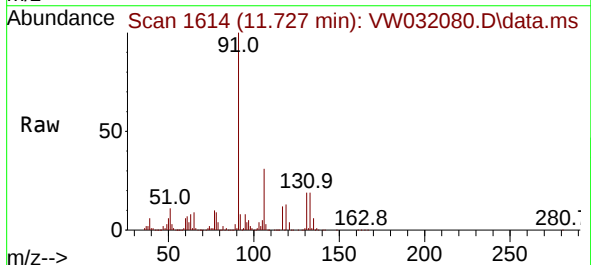
Tgt Ion:131 Resp: 133382

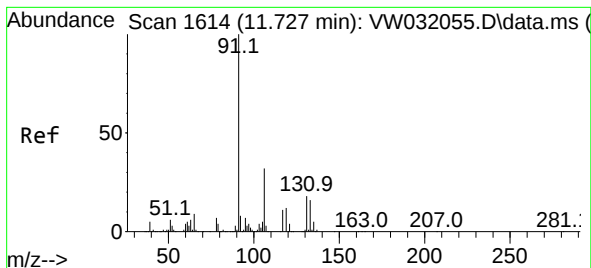
Ion Ratio Lower Upper

131 100

133 97.1 47.3 142.0

119 67.9 34.5 103.5

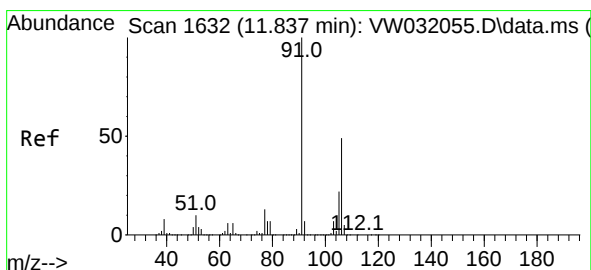
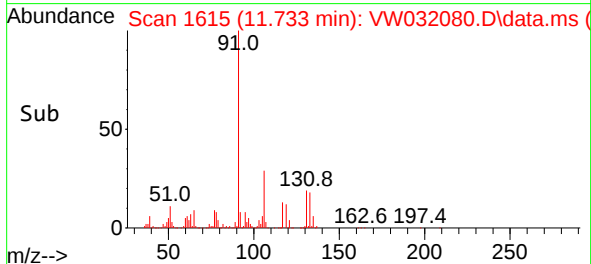
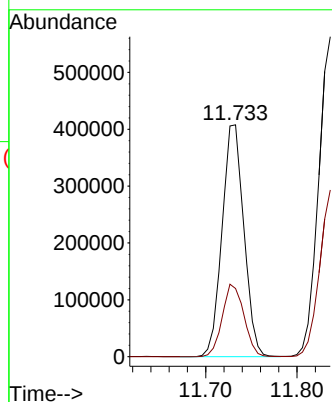
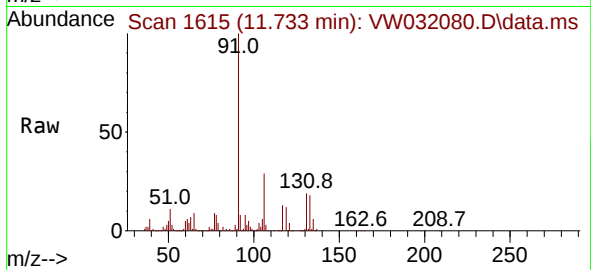




#67
Ethyl Benzene
Concen: 54.505 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

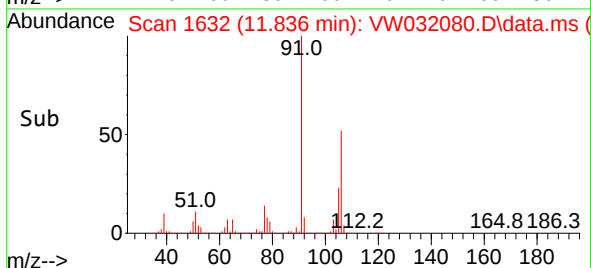
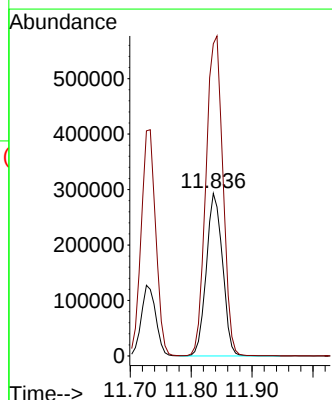
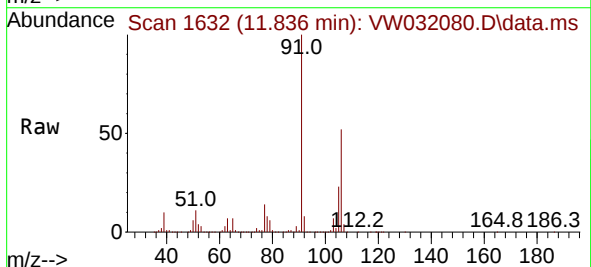
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

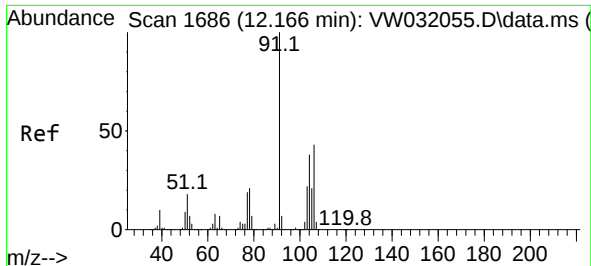
Tgt Ion: 91 Resp: 677681
Ion Ratio Lower Upper
91 100
106 29.4 25.4 38.0



#68
m/p-Xylenes
Concen: 112.646 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 106 Resp: 540433
Ion Ratio Lower Upper
106 100
91 206.6 162.2 243.2

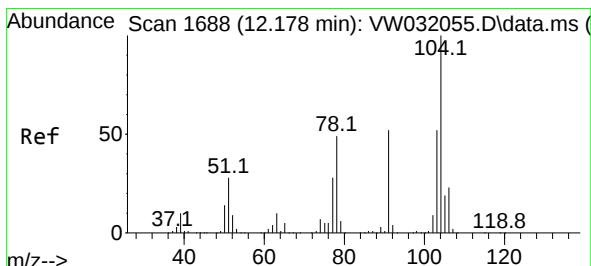
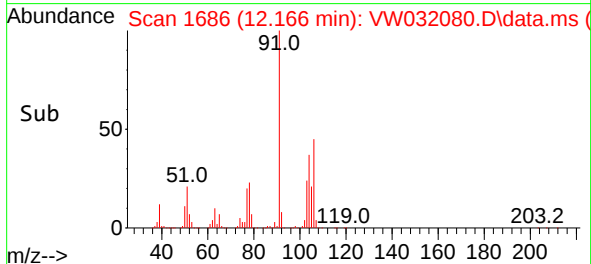
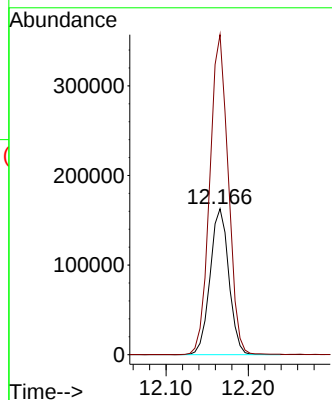
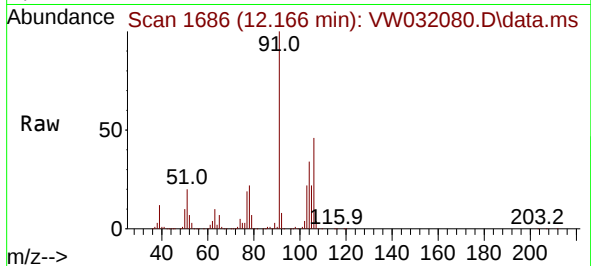




#69
o-Xylene
Concen: 58.137 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

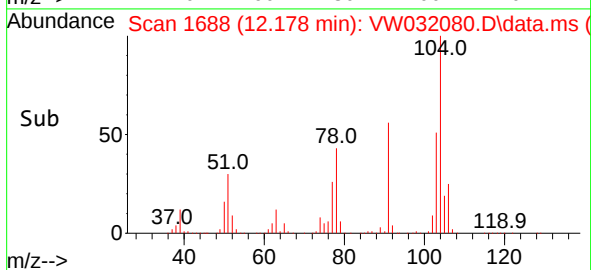
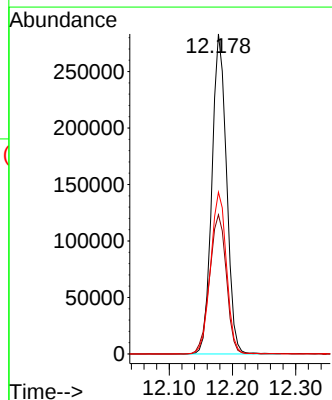
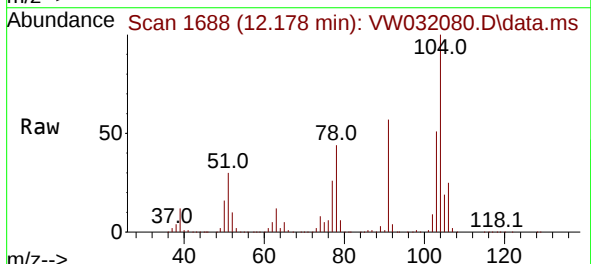
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

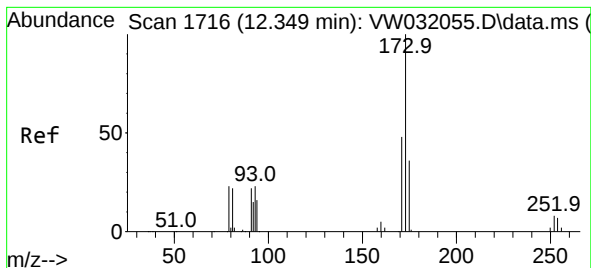
Tgt Ion:106 Resp: 257799
Ion Ratio Lower Upper
106 100
91 216.5 110.8 332.3



#70
Styrene
Concen: 57.835 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion:104 Resp: 455535
Ion Ratio Lower Upper
104 100
78 49.8 41.2 61.8
103 55.0 43.8 65.8





#71

Bromoform

Concen: 63.831 ug/l

RT: 12.348 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

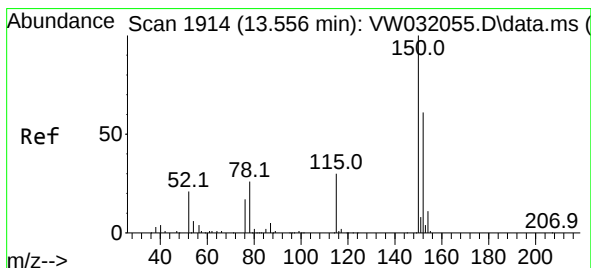
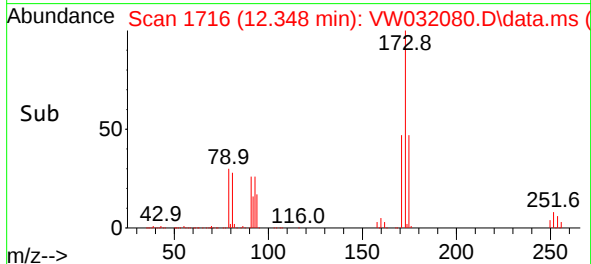
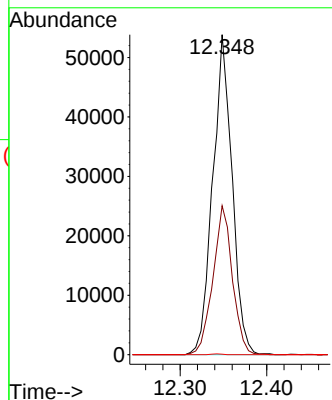
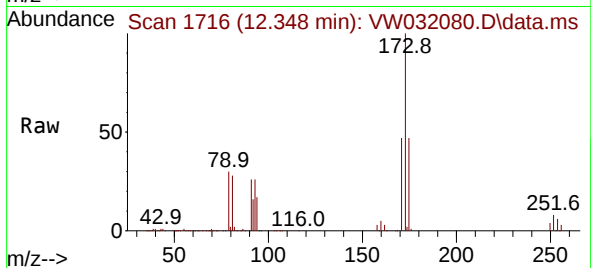
Tgt Ion:173 Resp: 83619

Ion Ratio Lower Upper

173 100

175 46.8 22.9 68.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

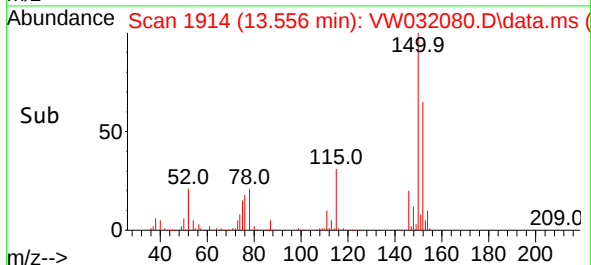
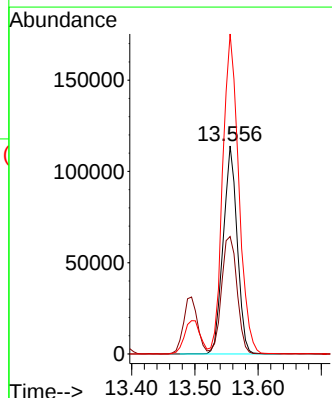
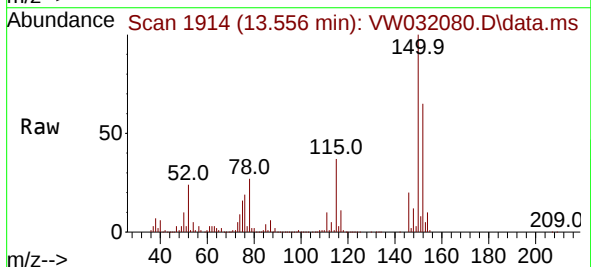
Tgt Ion:152 Resp: 174813

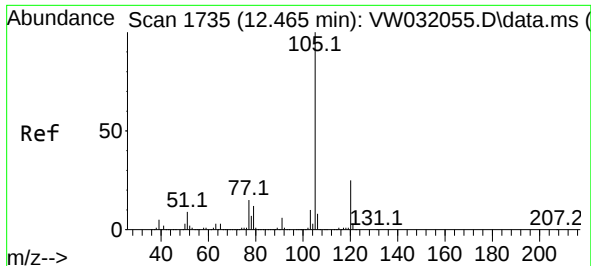
Ion Ratio Lower Upper

152 100

115 62.3 32.6 97.8

150 175.9 0.0 359.4

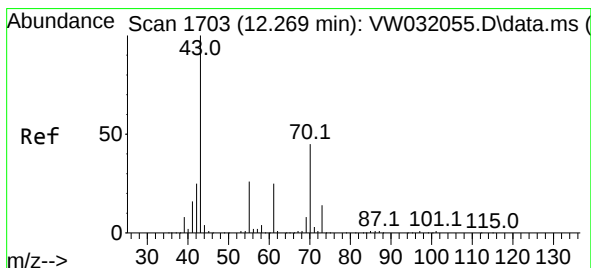
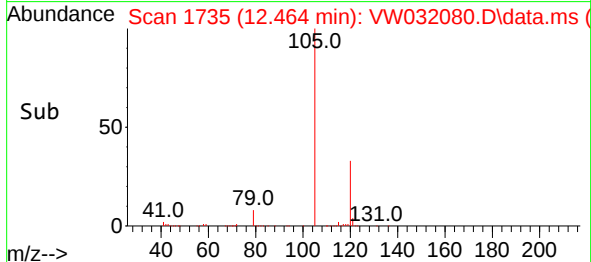
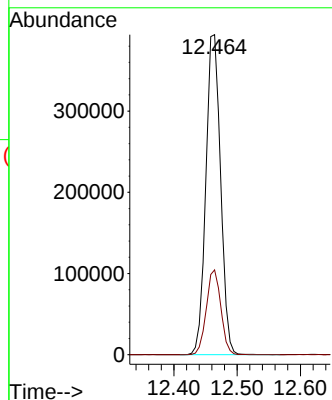
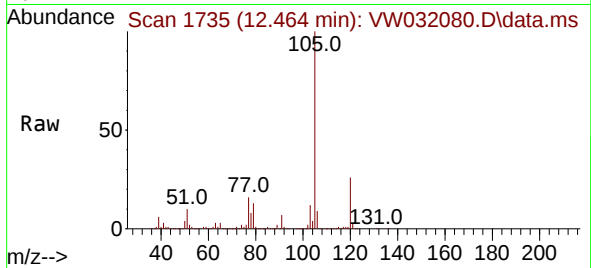




#73
Isopropylbenzene
Concen: 52.307 ug/l
RT: 12.464 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

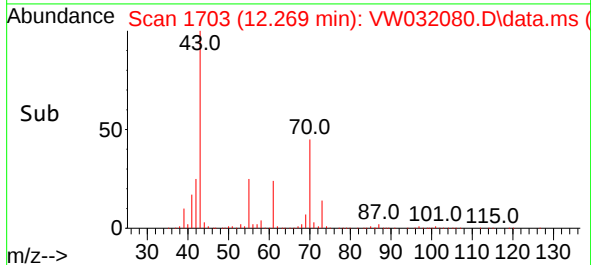
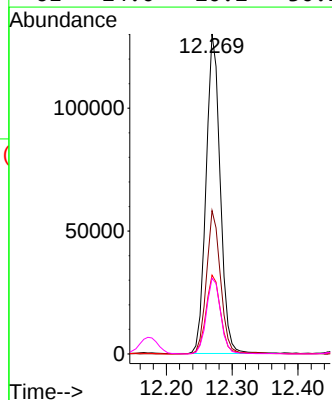
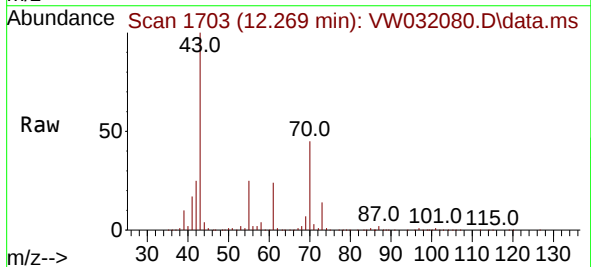
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

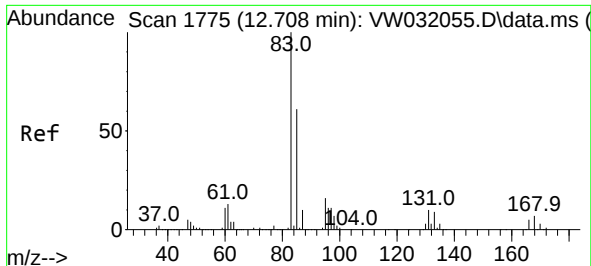
Tgt Ion:105 Resp: 639037
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4



#74
N-ethyl acetate
Concen: 55.601 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 43 Resp: 194883
Ion Ratio Lower Upper
43 100
70 44.4 37.0 55.4
55 25.6 21.1 31.7
61 24.0 20.2 30.2

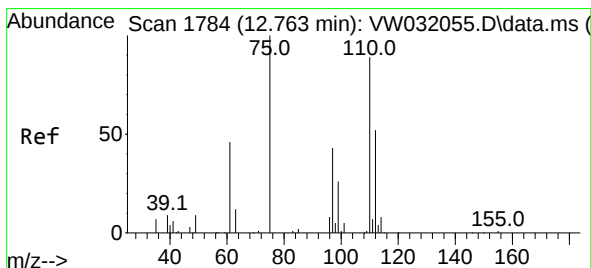
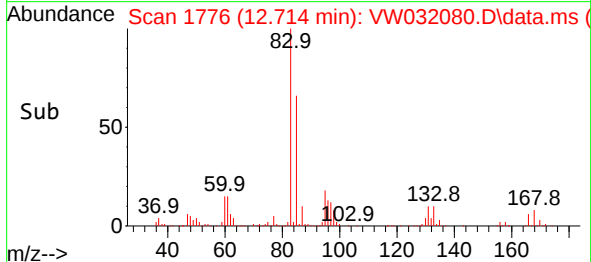
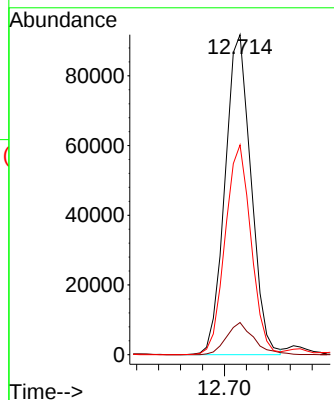
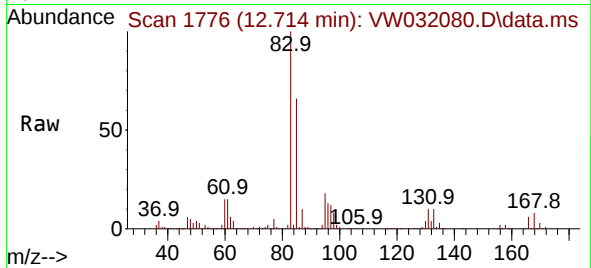




#75
1,1,2,2-Tetrachloroethane
Concen: 52.197 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

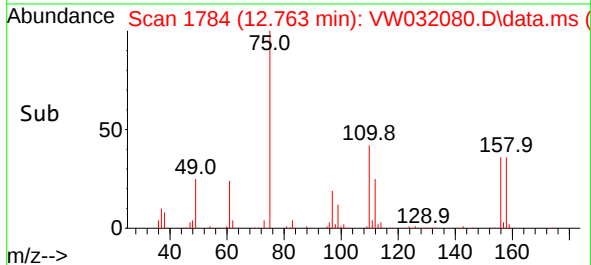
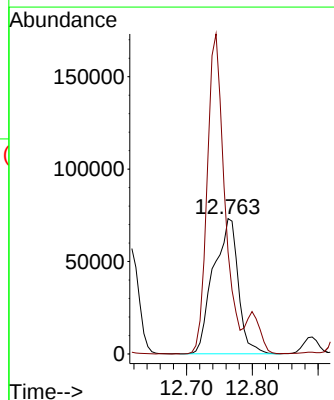
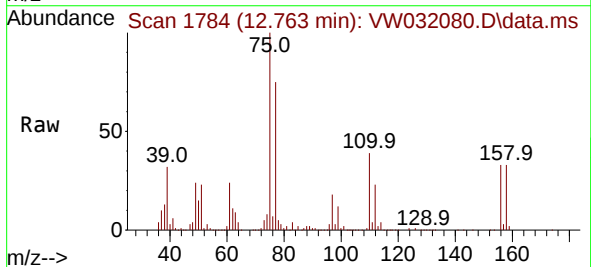
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

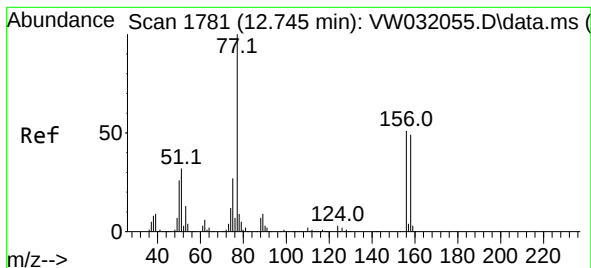
Tgt Ion: 83 Resp: 151408
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.4
85 65.3 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 80.822 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 75 Resp: 191760
Ion Ratio Lower Upper
75 100
77 166.1 123.5 370.5





#77

Bromobenzene

Concen: 53.753 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

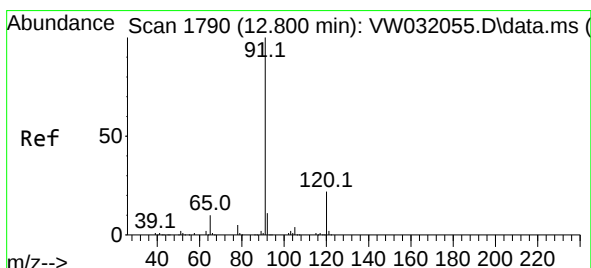
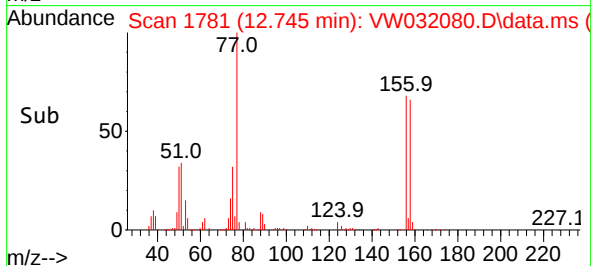
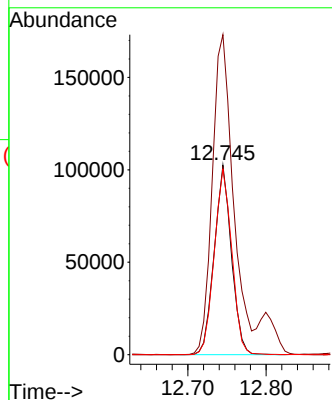
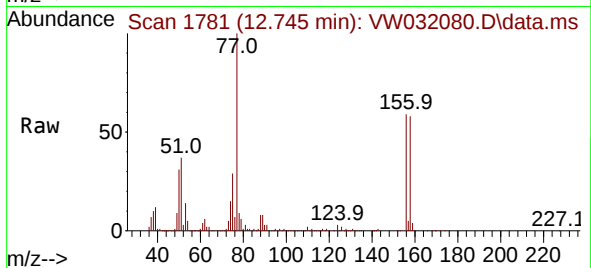
Tgt Ion:156 Resp: 156846

Ion Ratio Lower Upper

156 100

77 203.1 108.7 326.3

158 100.2 48.3 144.9



#78

n-propylbenzene

Concen: 53.406 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032080.D

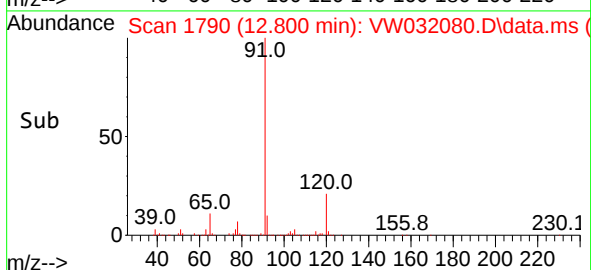
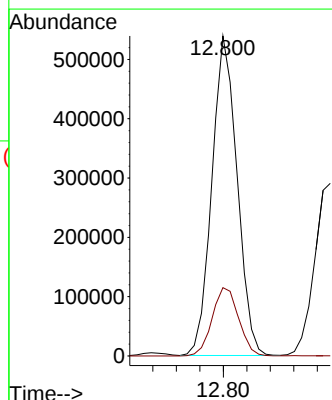
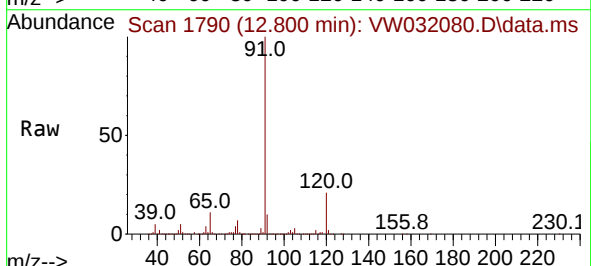
Acq: 14 Aug 2025 09:27

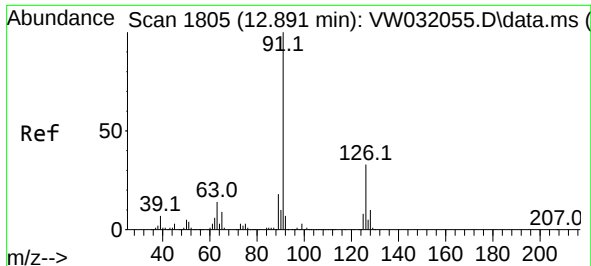
Tgt Ion: 91 Resp: 803277

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.3

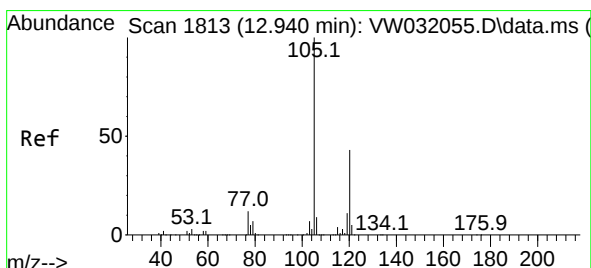
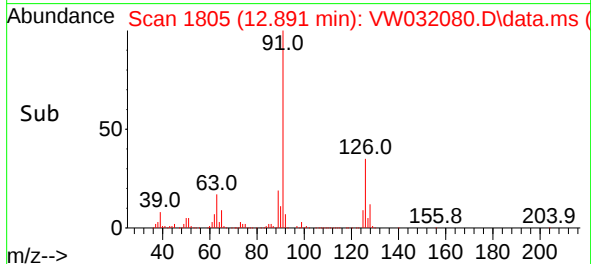
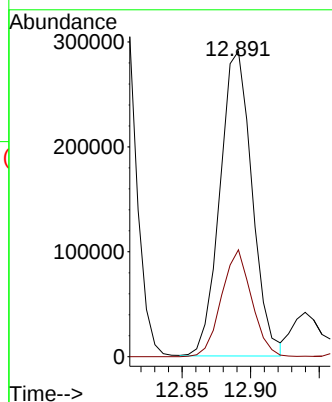
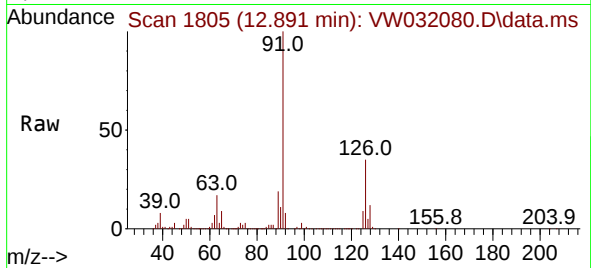




#79
2-Chlorotoluene
Concen: 51.172 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

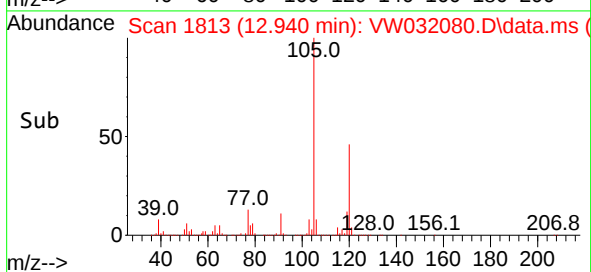
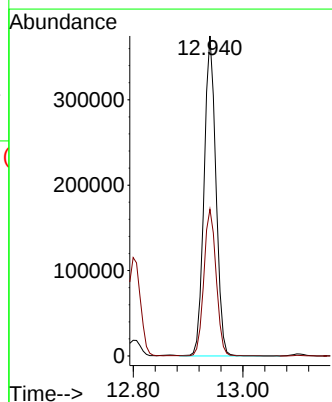
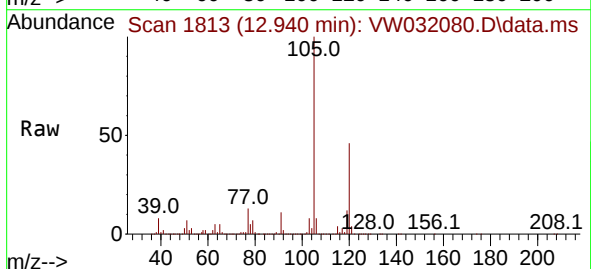
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

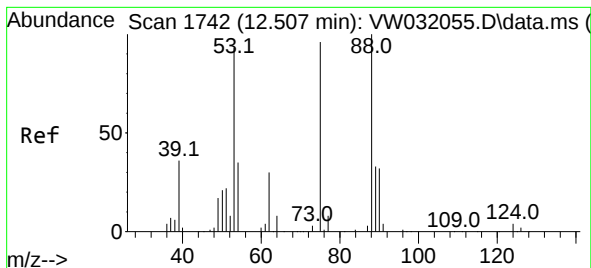
Tgt Ion: 91 Resp: 475026
Ion Ratio Lower Upper
91 100
126 33.0 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 53.983 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 105 Resp: 559898
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.0

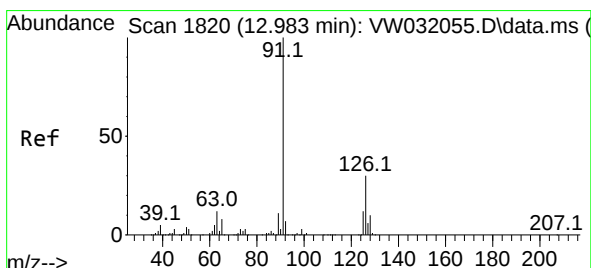
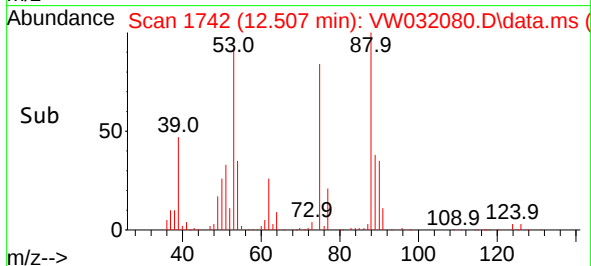
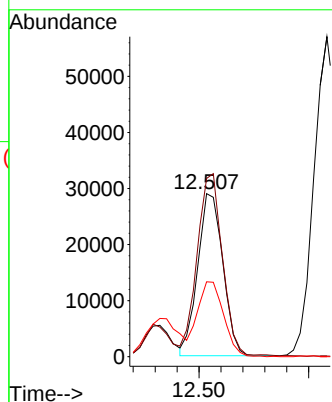
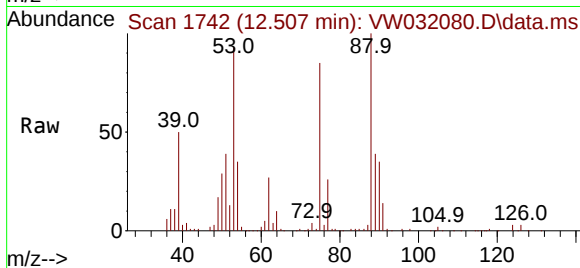




#81
trans-1,4-Dichloro-2-butene
Concen: 50.402 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

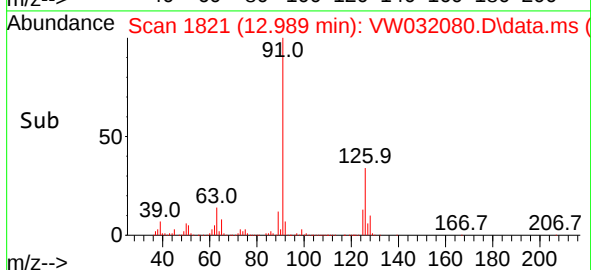
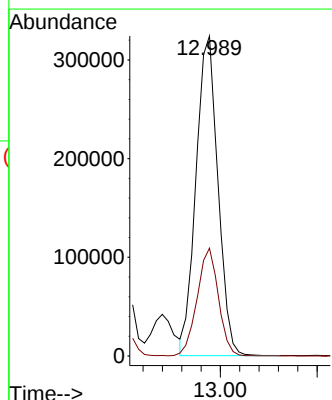
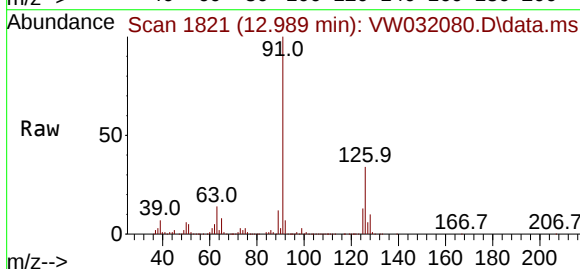
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

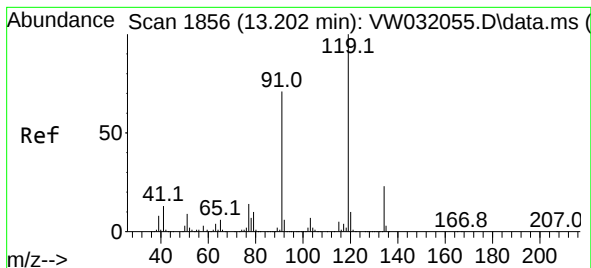
Tgt Ion: 75 Resp: 46191
Ion Ratio Lower Upper
75 100
53 113.8 81.0 121.6
89 48.0 37.3 55.9



#82
4-Chlorotoluene
Concen: 51.725 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 91 Resp: 510140
Ion Ratio Lower Upper
91 100
126 32.9 15.5 46.5





#83

tert-Butylbenzene

Concen: 54.905 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

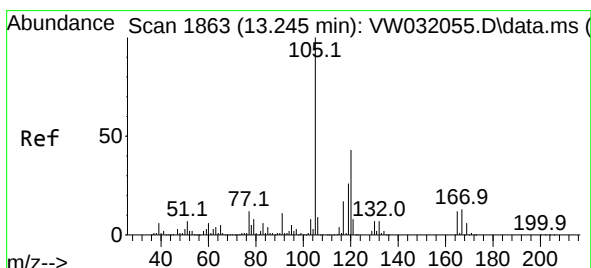
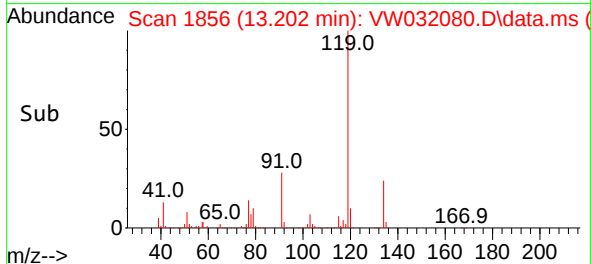
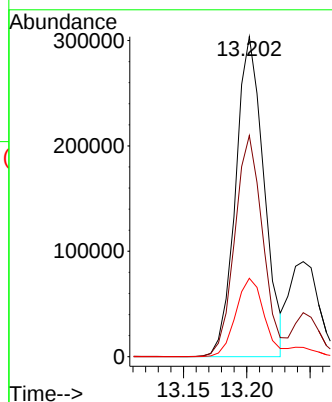
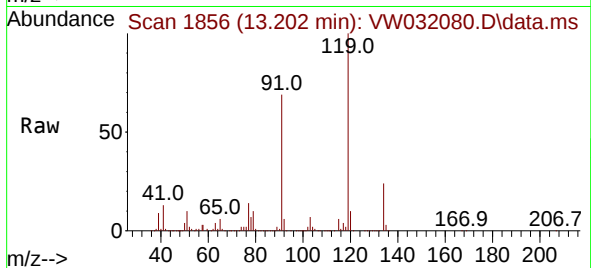
Tgt Ion:119 Resp: 472615

Ion Ratio Lower Upper

119 100

91 69.3 35.3 105.9

134 25.0 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 53.062 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032080.D

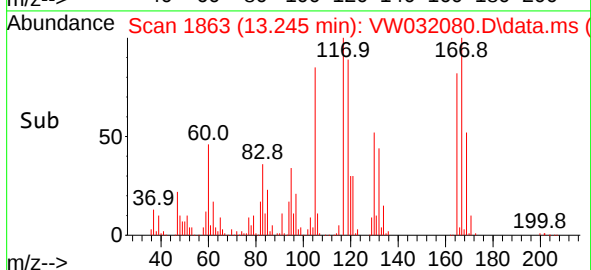
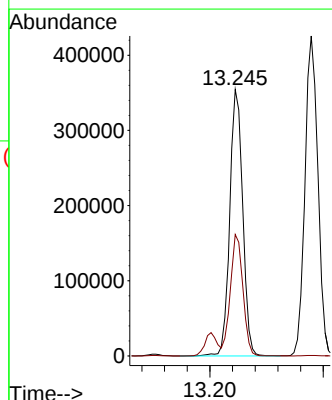
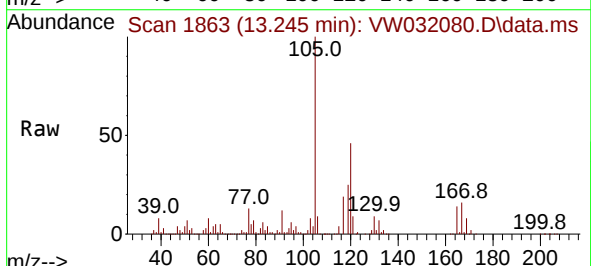
Acq: 14 Aug 2025 09:27

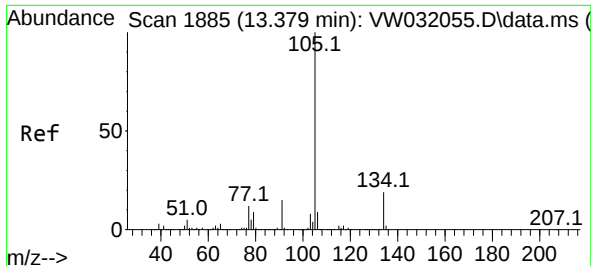
Tgt Ion:105 Resp: 560238

Ion Ratio Lower Upper

105 100

120 44.2 21.6 64.8

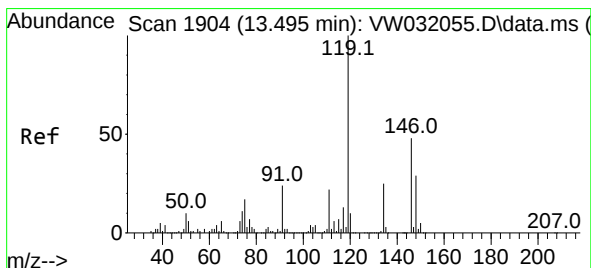
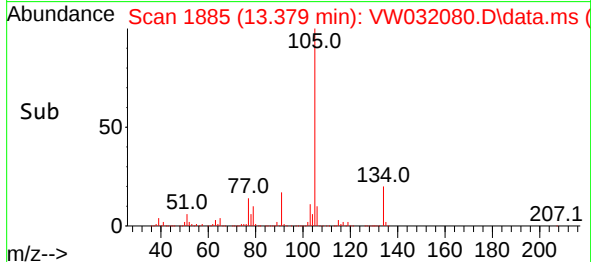
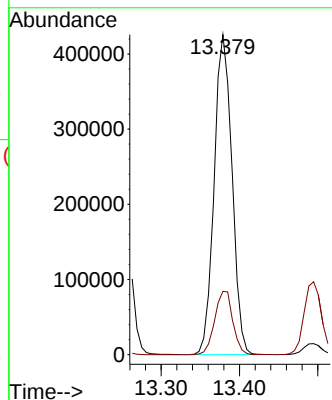
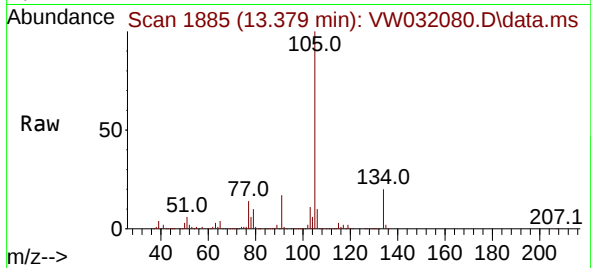




#85
 sec-Butylbenzene
 Concen: 51.695 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032080.D
 Acq: 14 Aug 2025 09:27

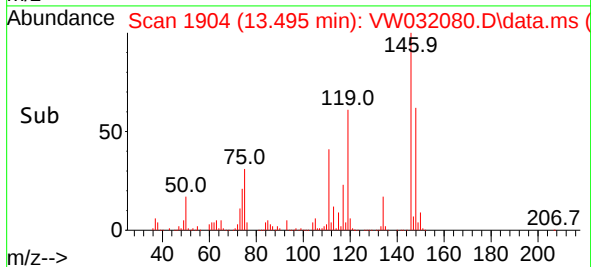
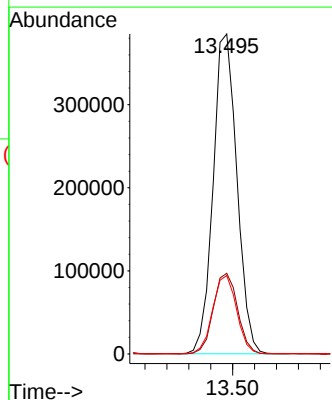
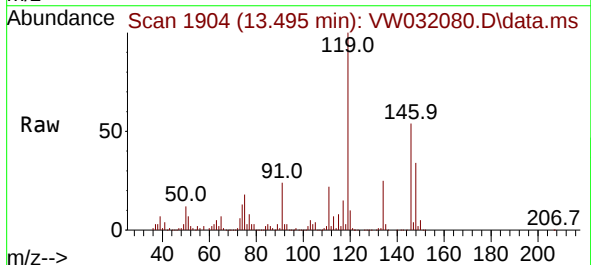
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

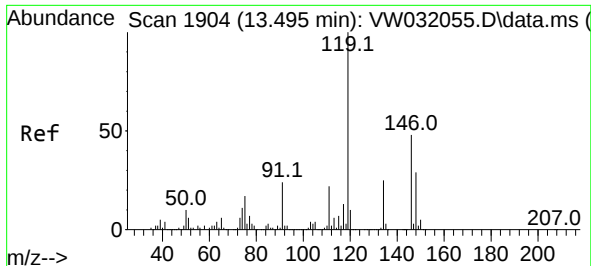
Tgt Ion:105 Resp: 672760
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 53.502 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032080.D
 Acq: 14 Aug 2025 09:27

Tgt Ion:119 Resp: 580472
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.4 37.0
 91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 56.169 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

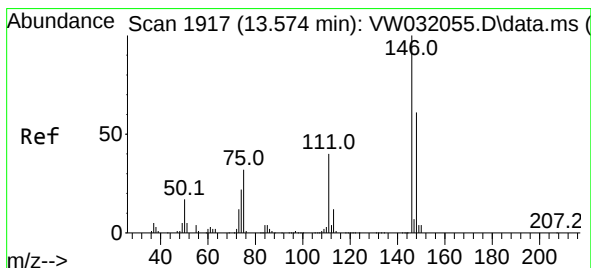
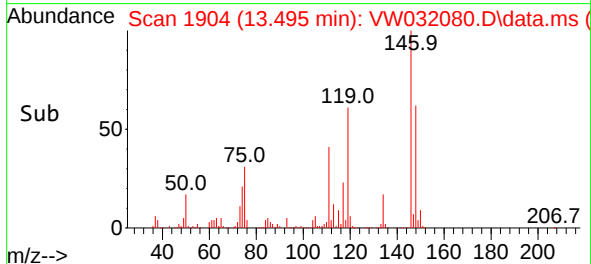
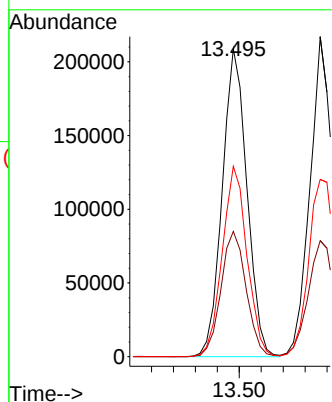
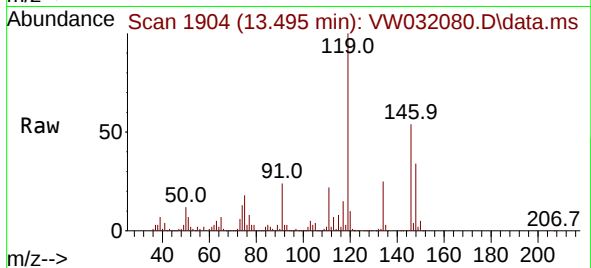
Tgt Ion:146 Resp: 326126

Ion Ratio Lower Upper

146 100

111 41.6 21.2 63.6

148 62.1 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 54.595 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

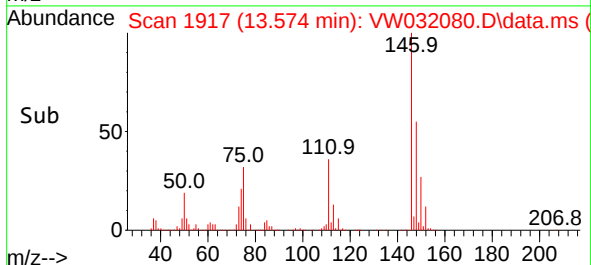
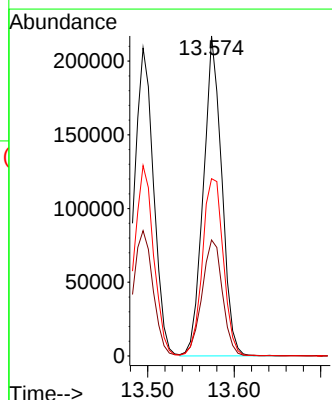
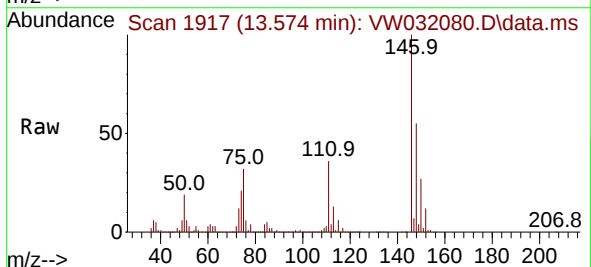
Tgt Ion:146 Resp: 320333

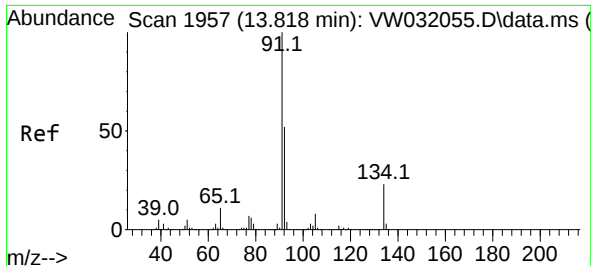
Ion Ratio Lower Upper

146 100

111 40.3 21.6 64.6

148 62.9 32.0 96.2

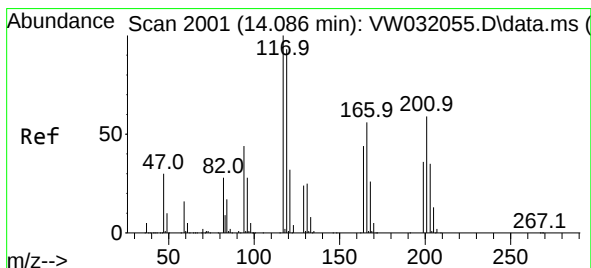
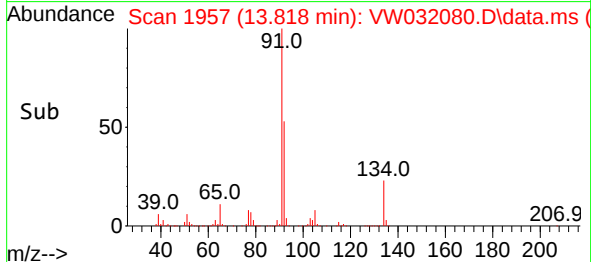
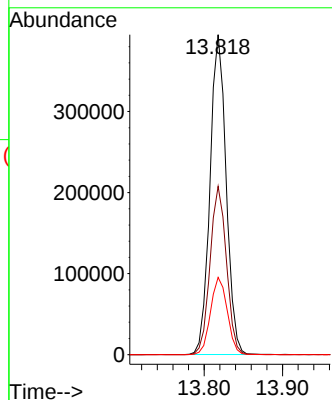
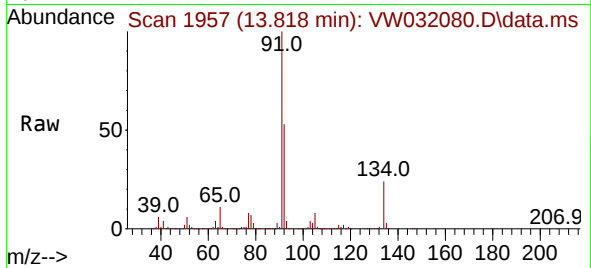




#89
n-Butylbenzene
Concen: 53.618 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

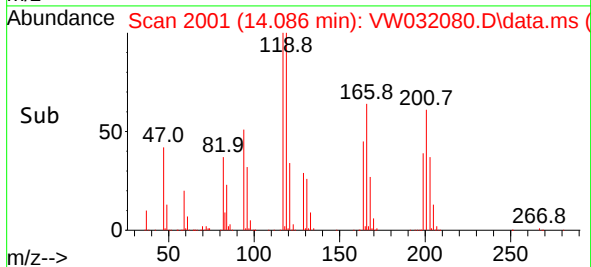
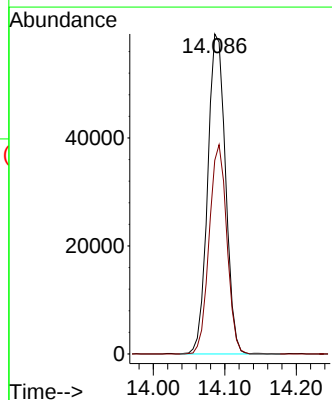
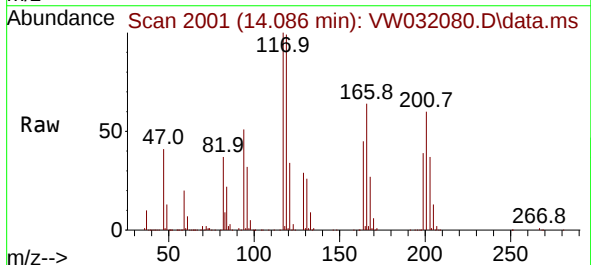
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

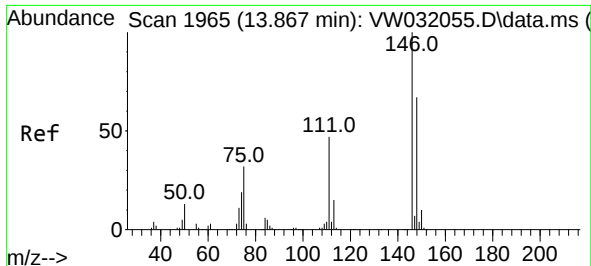
Tgt Ion: 91 Resp: 565150
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 25.0 12.0 36.1



#90
Hexachloroethane
Concen: 51.649 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion: 117 Resp: 102479
Ion Ratio Lower Upper
117 100
201 64.8 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 56.464 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

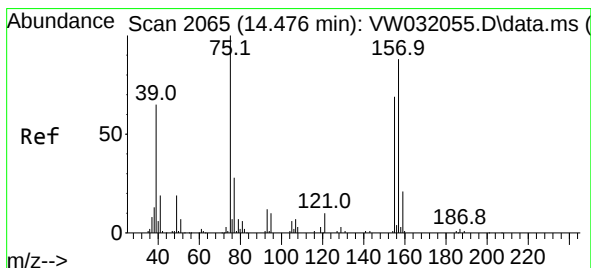
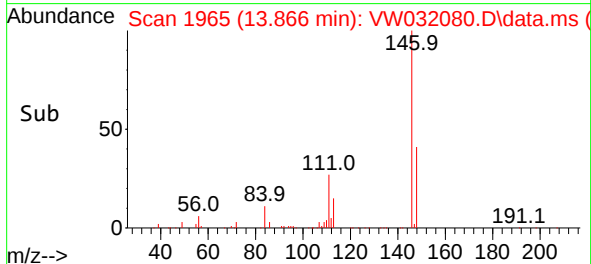
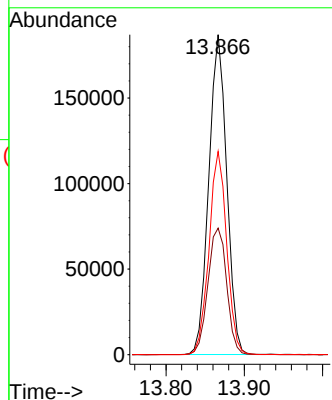
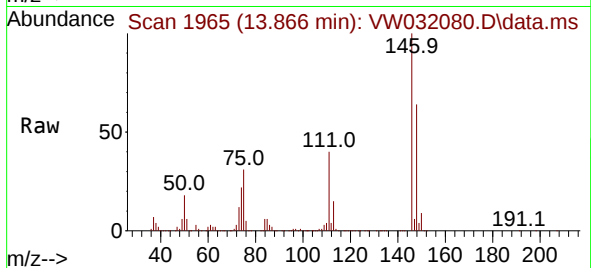
Tgt Ion:146 Resp: 296975

Ion Ratio Lower Upper

146 100

111 41.7 23.1 69.3

148 62.9 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.473 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

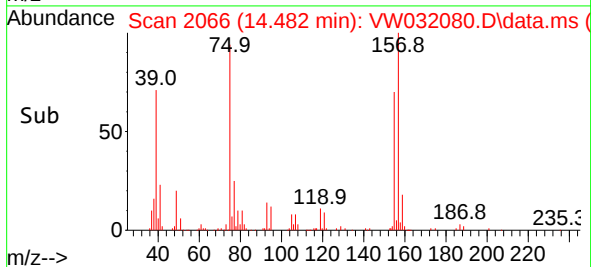
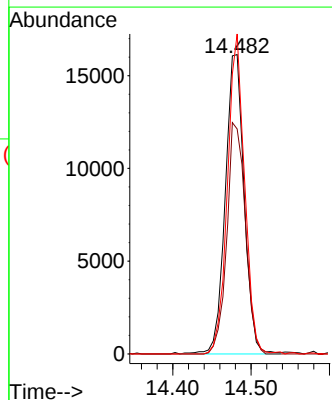
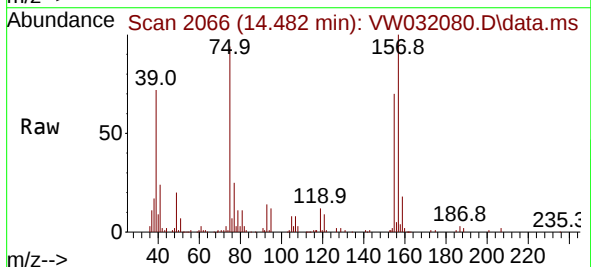
Tgt Ion: 75 Resp: 27059

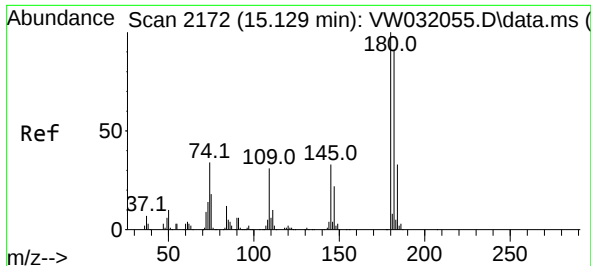
Ion Ratio Lower Upper

75 100

155 75.8 35.2 105.6

157 96.7 47.5 142.6

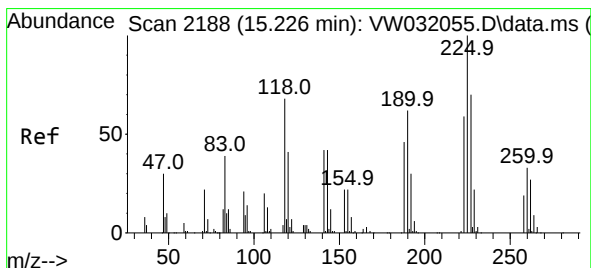
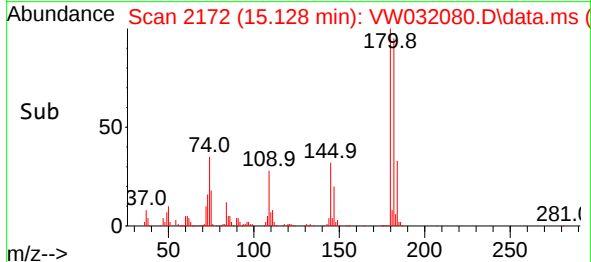
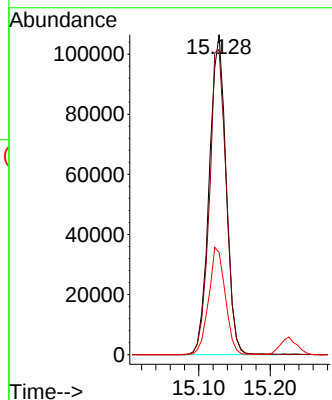
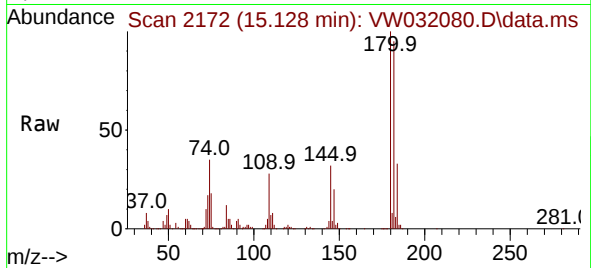




#93
1,2,4-Trichlorobenzene
Concen: 55.052 ug/l
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

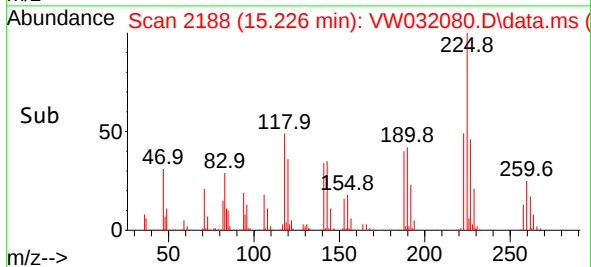
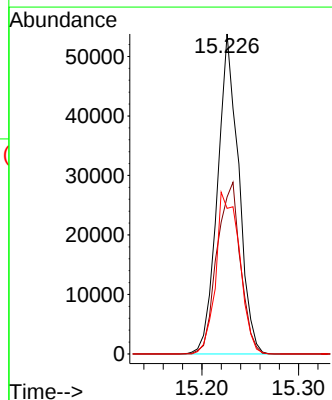
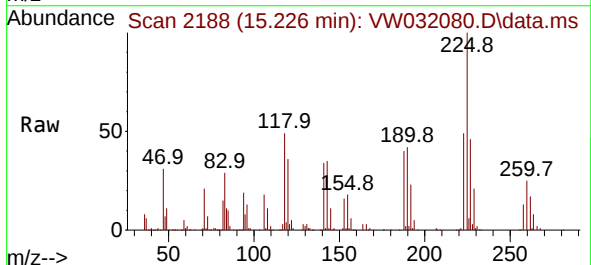
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

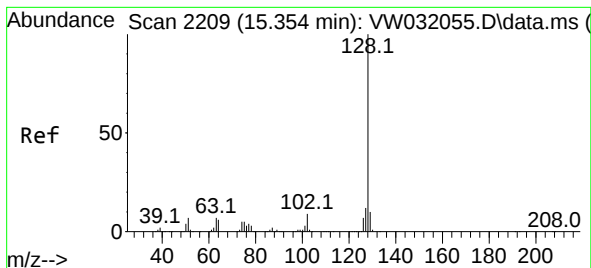
Tgt Ion:180 Resp: 173211
Ion Ratio Lower Upper
180 100
182 96.0 49.0 147.0
145 33.3 17.3 51.9



#94
Hexachlorobutadiene
Concen: 57.968 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032080.D
Acq: 14 Aug 2025 09:27

Tgt Ion:225 Resp: 81528
Ion Ratio Lower Upper
225 100
223 59.7 31.8 95.3
227 56.6 33.5 100.5





#95

Naphthalene

Concen: 57.653 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

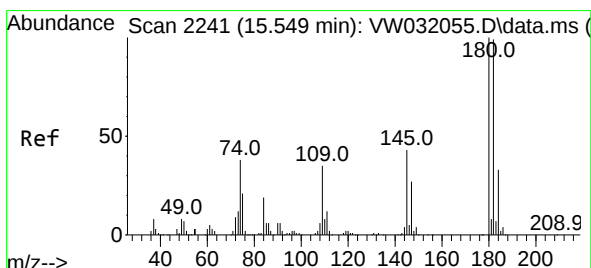
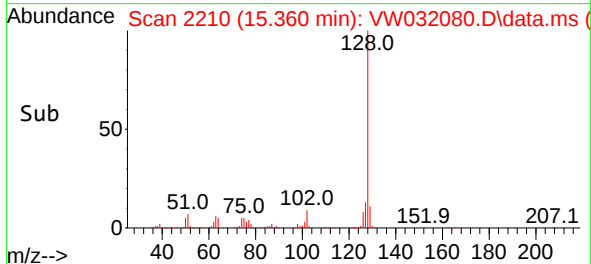
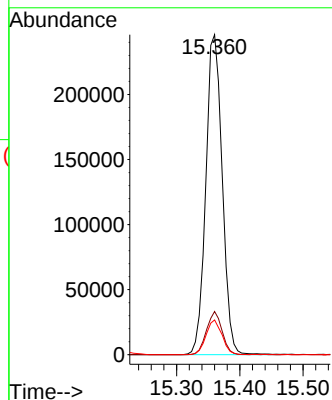
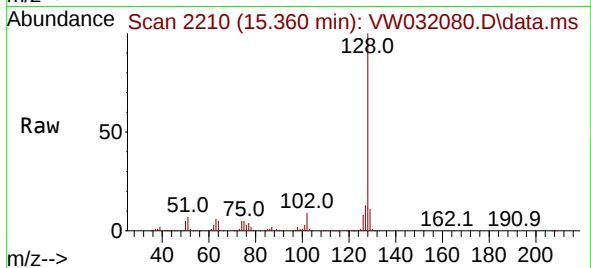
Tgt Ion:128 Resp: 444478

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.6 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 56.917 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW032080.D

Acq: 14 Aug 2025 09:27

Tgt Ion:180 Resp: 162937

Ion Ratio Lower Upper

180 100

182 98.6 46.0 138.0

145 34.3 19.2 57.6

