

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031987.D
 Acq On : 04 Aug 2025 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 05 01:12:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	244933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	432425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	389959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	169357	45.708	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	91.420%
35) Dibromofluoromethane	7.898	113	142737	48.577	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	97.160%
50) Toluene-d8	10.325	98	572419	51.473	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.617	95	206626	48.388	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	85662	47.057	ug/l	99
3) Chloromethane	2.253	50	116271	49.763	ug/l	98
4) Vinyl Chloride	2.405	62	144777	47.700	ug/l	98
5) Bromomethane	2.820	94	110024	49.227	ug/l	98
6) Chloroethane	2.966	64	99457	49.649	ug/l	99
7) Trichlorofluoromethane	3.302	101	134184	43.649	ug/l	98
8) Diethyl Ether	3.716	74	97132	47.301	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	143414	48.501	ug/l	97
10) Methyl Iodide	4.301	142	218134	49.340	ug/l	98
11) Tert butyl alcohol	5.228	59	54985	252.460	ug/l #	85
12) 1,1-Dichloroethene	4.076	96	156905	48.043	ug/l	93
13) Acrolein	3.936	56	16608	46.885	ug/l	97
14) Allyl chloride	4.698	41	245709	48.328	ug/l	99
15) Acrylonitrile	5.399	53	221867	241.666	ug/l	99
16) Acetone	4.167	43	222267	252.797	ug/l	98
17) Carbon Disulfide	4.411	76	434050	51.244	ug/l	99
18) Methyl Acetate	4.710	43	121653	50.222	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	289199	51.249	ug/l	94
20) Methylene Chloride	4.948	84	171869	45.265	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	168346	48.582	ug/l	98
22) Diisopropyl ether	6.338	45	491457	48.308	ug/l	98
23) Vinyl Acetate	6.277	43	1647152	247.825	ug/l	99
24) 1,1-Dichloroethane	6.240	63	305835	48.284	ug/l	99
25) 2-Butanone	7.191	43	297250	247.094	ug/l	97
26) 2,2-Dichloropropane	7.185	77	174317	48.611	ug/l	96
27) cis-1,2-Dichloroethene	7.185	96	199527	48.978	ug/l	99
28) Bromochloromethane	7.527	49	113318	42.729	ug/l	93
29) Tetrahydrofuran	7.551	42	192017	243.457	ug/l	99
30) Chloroform	7.691	83	327064	49.247	ug/l	100
31) Cyclohexane	7.965	56	258034	45.408	ug/l	98
32) 1,1,1-Trichloroethane	7.880	97	249005	49.272	ug/l	98
36) 1,1-Dichloropropene	8.093	75	228003	50.527	ug/l	100
37) Ethyl Acetate	7.270	43	124924	48.529	ug/l	99
38) Carbon Tetrachloride	8.081	117	221044	51.041	ug/l	92
39) Methylcyclohexane	9.343	83	293104	51.613	ug/l	94
40) Benzene	8.331	78	684237	51.223	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	76296	49.512	ug/l	94
42) 1,2-Dichloroethane	8.410	62	212996	49.822	ug/l	98
43) Isopropyl Acetate	8.429	43	239547	51.403	ug/l	100
44) Trichloroethene	9.099	130	159542	50.248	ug/l	93
45) 1,2-Dichloropropane	9.374	63	165234	51.362	ug/l	98
46) Dibromomethane	9.465	93	103723	52.012	ug/l	100
47) Bromodichloromethane	9.648	83	249276	52.128	ug/l	96
48) Methyl methacrylate	9.441	41	115079	51.905	ug/l	98
49) 1,4-Dioxane	9.465	88	23290	1170.411	ug/l #	85
51) 4-Methyl-2-Pentanone	10.209	43	667922	261.891	ug/l	99
52) Toluene	10.392	92	448483	52.228	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	242170	52.793	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	274111	52.326	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	138672	52.349	ug/l	94
56) Ethyl methacrylate	10.648	69	203738	54.458	ug/l	96
57) 1,3-Dichloropropane	10.934	76	237448	50.881	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	272577	141.845	ug/l	100
59) 2-Hexanone	10.965	43	468504	264.279	ug/l	100
60) Dibromochloromethane	11.130	129	169737	54.958	ug/l	98
61) 1,2-Dibromoethane	11.233	107	134149	51.251	ug/l	97
64) Tetrachloroethene	10.861	164	134128	52.168	ug/l	91
65) Chlorobenzene	11.654	112	477060	49.985	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	153442	51.860	ug/l	99
67) Ethyl Benzene	11.727	91	843440	50.298	ug/l	99
68) m/p-Xylenes	11.837	106	648083	102.663	ug/l	95
69) o-Xylene	12.160	106	308857	51.699	ug/l	97
70) Styrene	12.178	104	521701	51.290	ug/l	99
71) Bromoform	12.349	173	88239	54.531	ug/l #	100
73) Isopropylbenzene	12.459	105	780087	51.943	ug/l	98
74) N-amyl acetate	12.270	43	219672	54.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	168340	52.808	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	215676	90.251	ug/l #	100
77) Bromobenzene	12.745	156	172345	53.039	ug/l	95
78) n-propylbenzene	12.800	91	967893	52.475	ug/l	100
79) 2-Chlorotoluene	12.885	91	571368	51.882	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	650913	51.678	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	57736	55.779	ug/l	94
82) 4-Chlorotoluene	12.983	91	594724	51.476	ug/l	100
83) tert-Butylbenzene	13.202	119	565841	52.740	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	663285	52.028	ug/l	99
85) sec-Butylbenzene	13.379	105	826119	51.273	ug/l	97
86) p-Isopropyltoluene	13.495	119	668872	50.226	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	352709	52.145	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	351606	53.064	ug/l	98
89) n-Butylbenzene	13.818	91	680026	52.053	ug/l	99
90) Hexachloroethane	14.086	117	122385	53.146	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	305187	50.911	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30095	52.255	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	187968	51.994	ug/l	96
94) Hexachlorobutadiene	15.226	225	92557	54.030	ug/l	96
95) Naphthalene	15.354	128	475796	53.533	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	172628	52.703	ug/l	96

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ClientSampleId :
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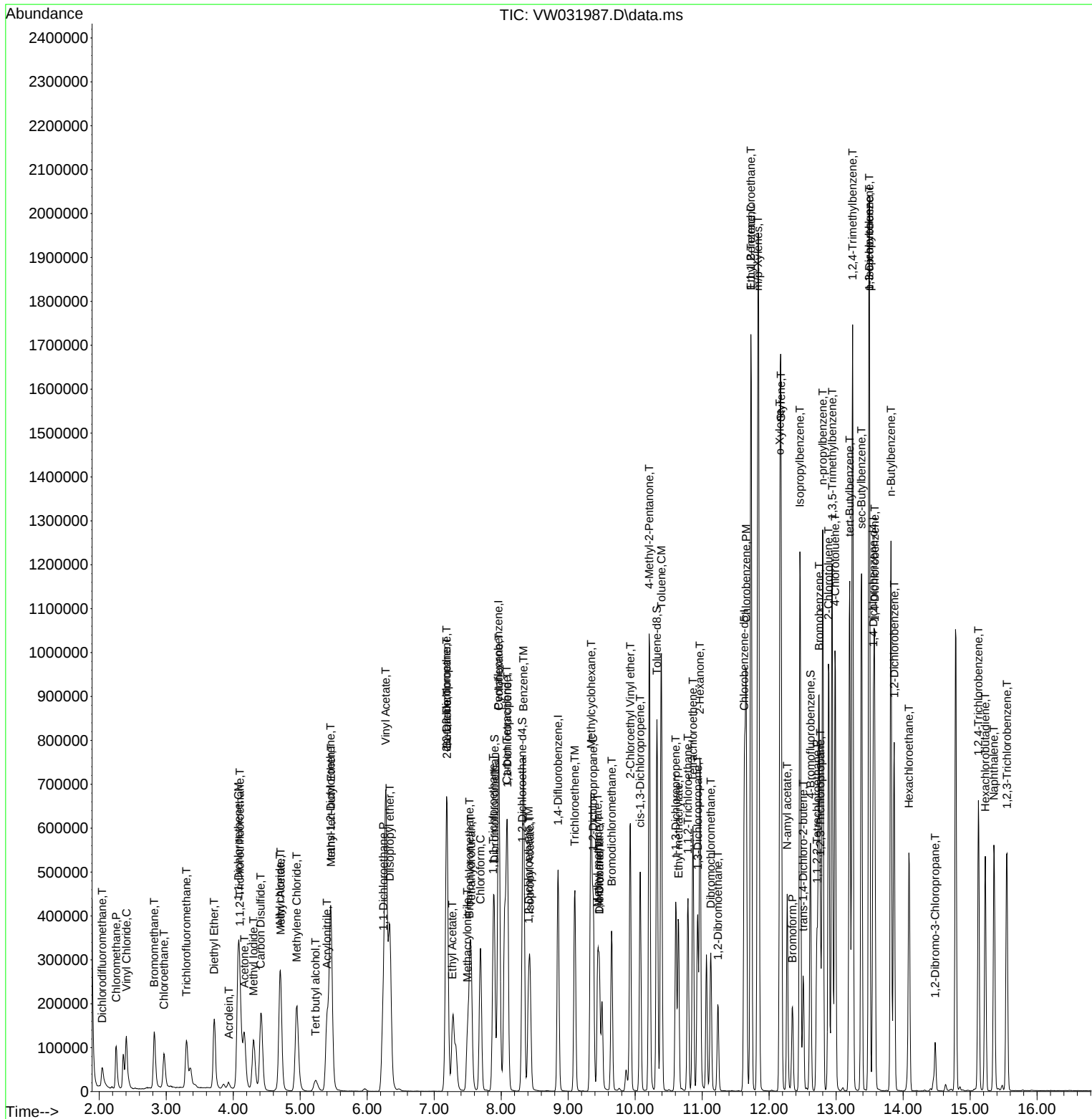
Quant Time: Aug 05 01:12:56 2025
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QLast Update : Wed Jul 23 08:18:46 2025
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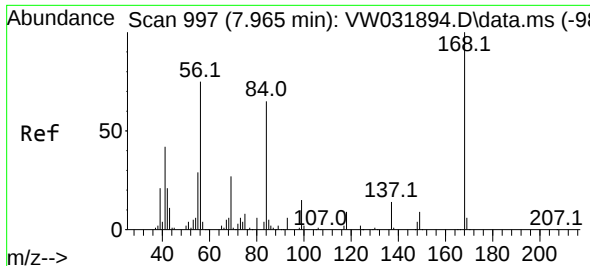
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
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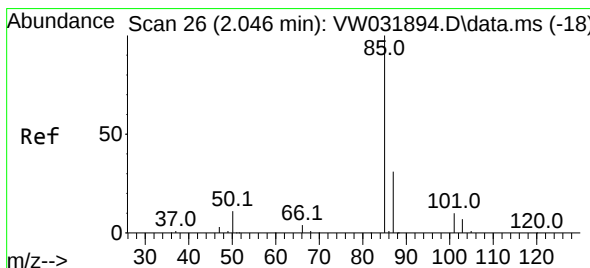
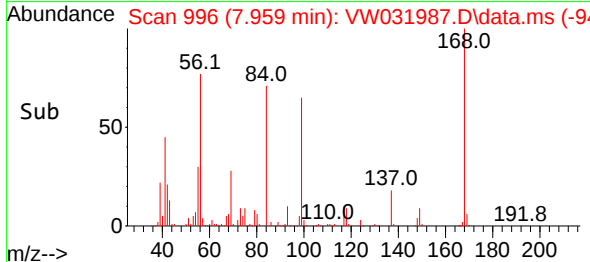
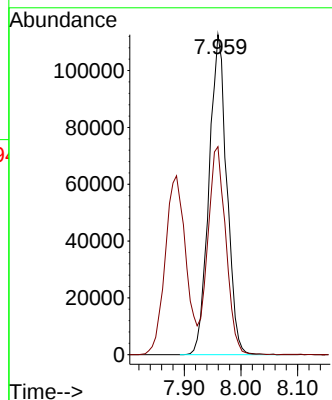
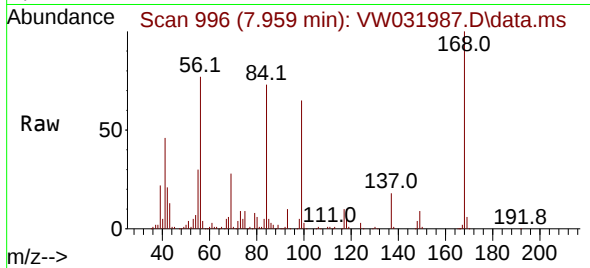




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
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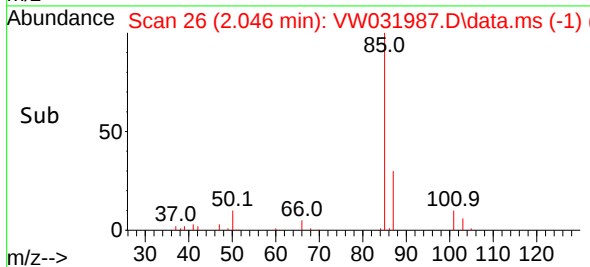
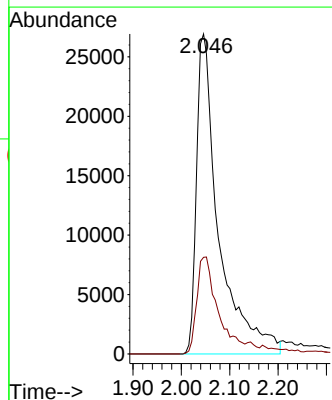
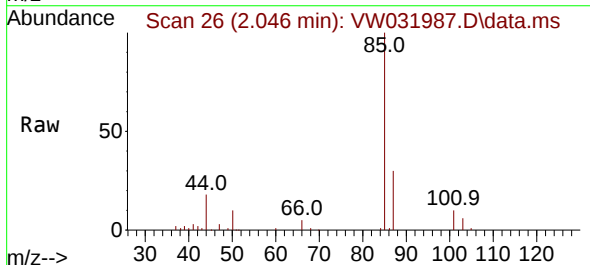
Instrument :
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ClientSampleId :
VSTDCCC050

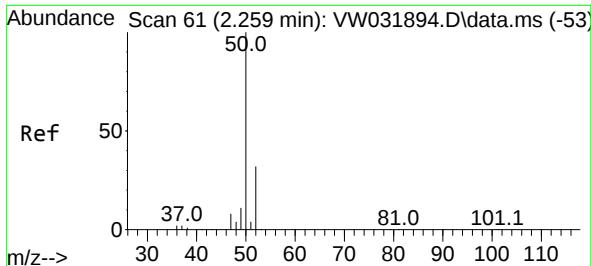
Tgt Ion:168 Resp: 244933
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 47.057 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 85 Resp: 85662
Ion Ratio Lower Upper
85 100
87 30.2 15.5 46.5

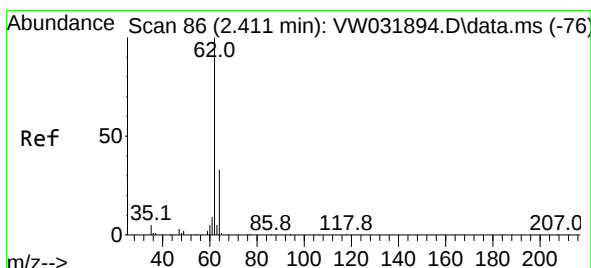
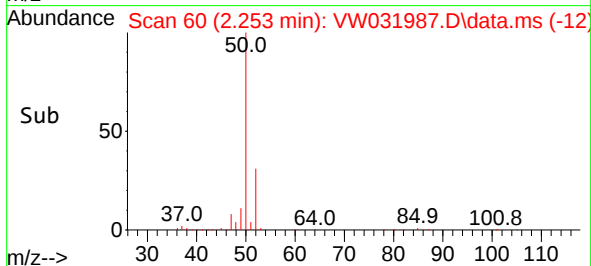
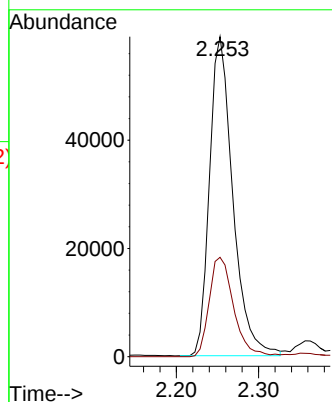
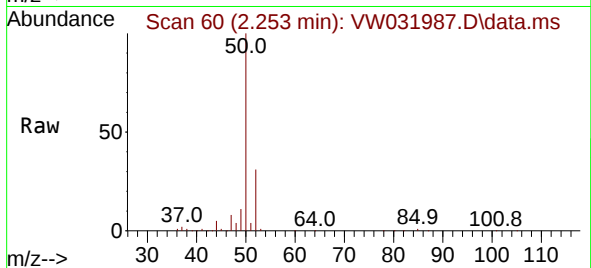




#3
Chloromethane
Concen: 49.763 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

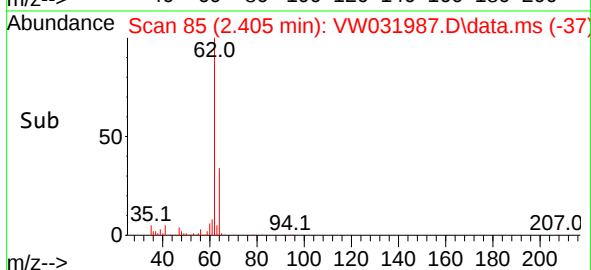
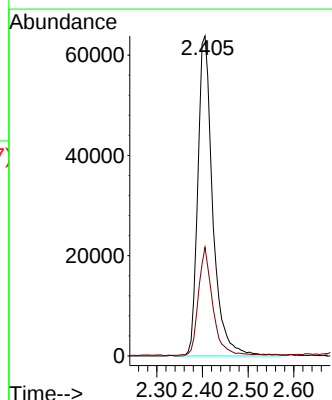
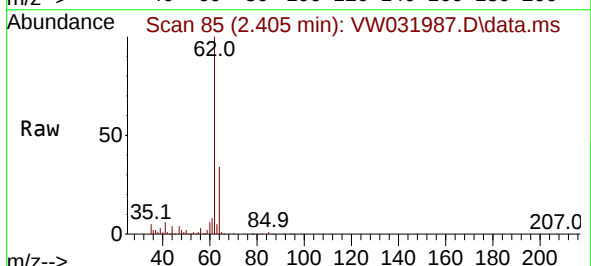
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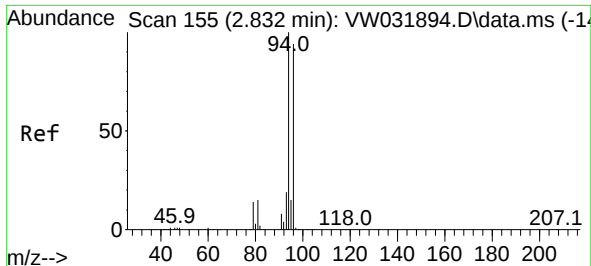
Tgt Ion: 50 Resp: 116271
Ion Ratio Lower Upper
50 100
52 31.2 25.7 38.5



#4
Vinyl Chloride
Concen: 47.700 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 62 Resp: 144777
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2

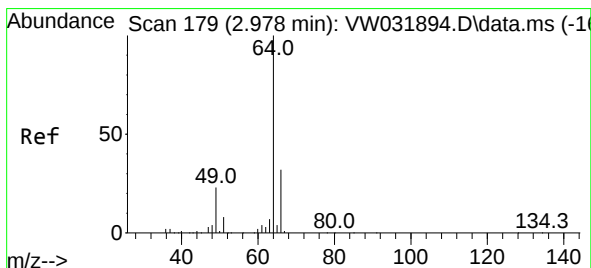
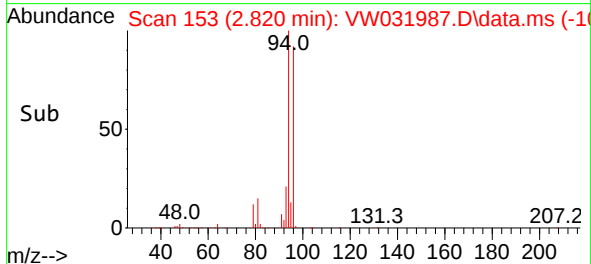
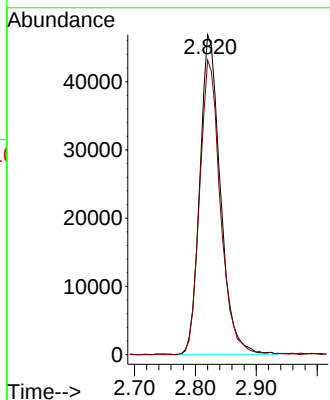
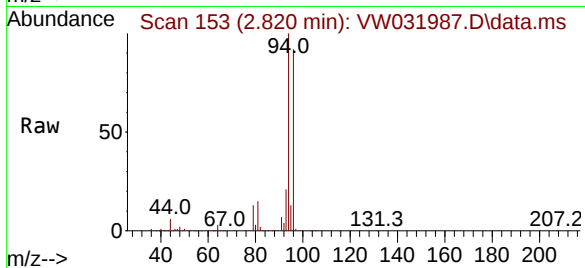




#5
Bromomethane
Concen: 49.227 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

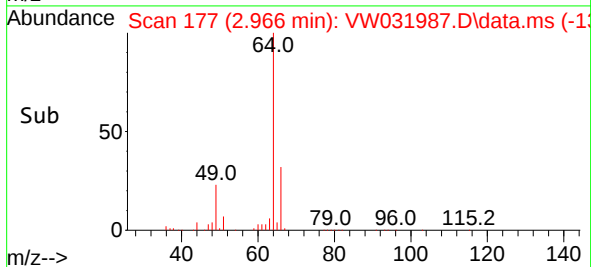
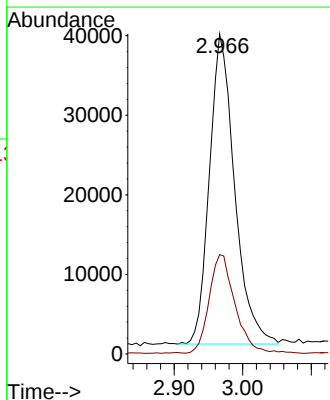
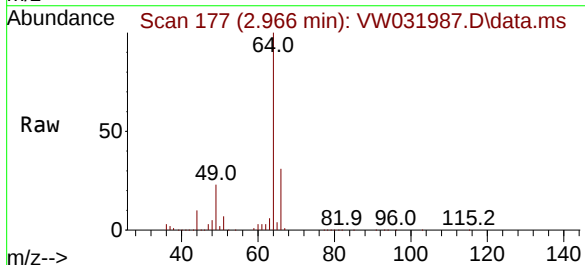
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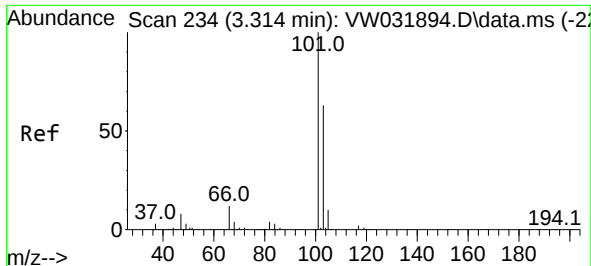
Tgt Ion: 94 Resp: 110024
Ion Ratio Lower Upper
94 100
96 91.8 75.0 112.6



#6
Chloroethane
Concen: 49.649 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 64 Resp: 99457
Ion Ratio Lower Upper
64 100
66 31.6 25.6 38.4

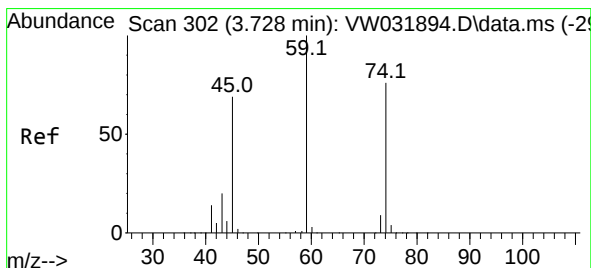
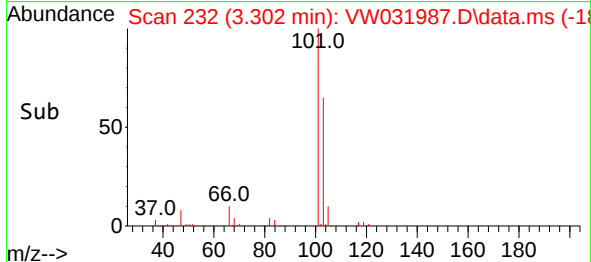
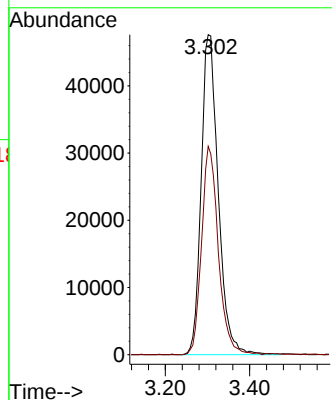
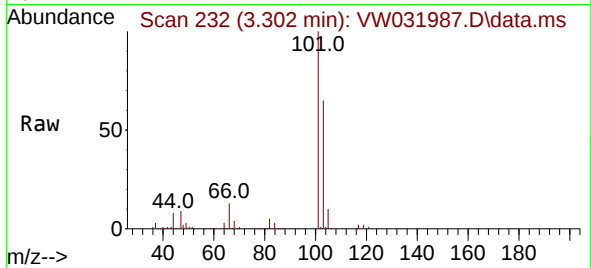




#7
 Trichlorofluoromethane
 Concen: 43.649 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW031987.D
 Acq: 04 Aug 2025 09:24

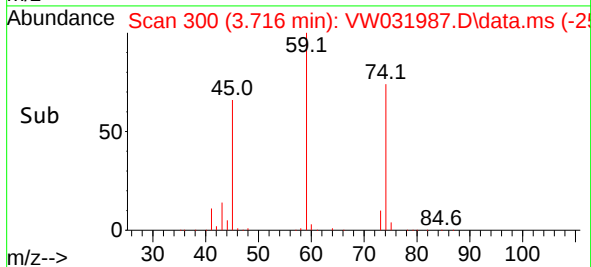
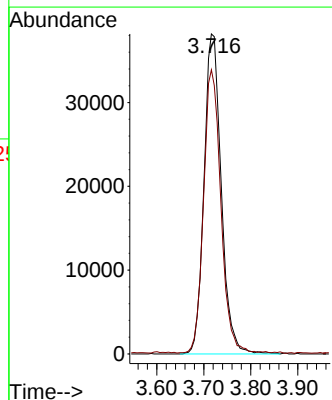
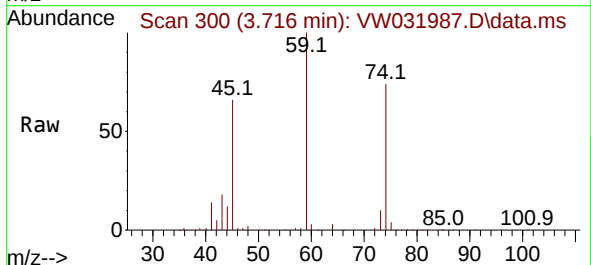
Instrument :
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 ClientSampleId :
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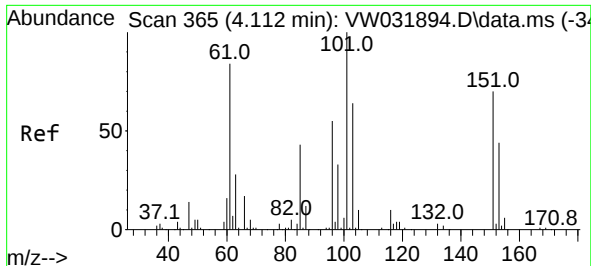
Tgt Ion:101 Resp: 134184
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 47.301 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 97132
 Ion Ratio Lower Upper
 74 100
 45 88.3 45.5 136.5

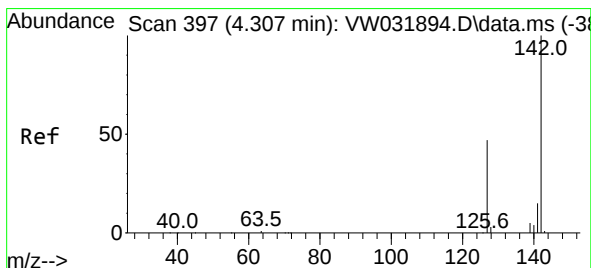
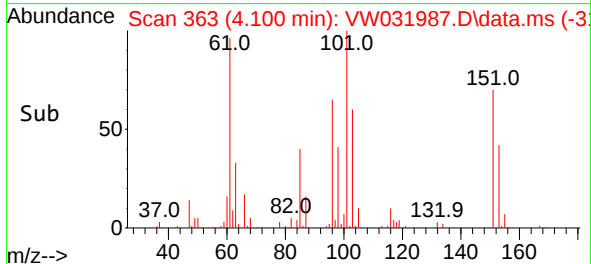
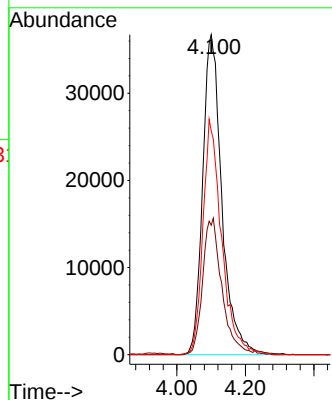
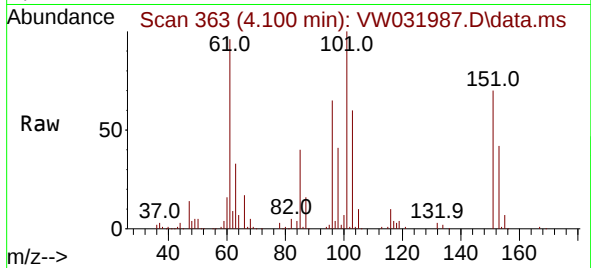




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.501 ug/l
 RT: 4.100 min Scan# 363
 Delta R.T. -0.012 min
 Lab File: VW031987.D
 Acq: 04 Aug 2025 09:24

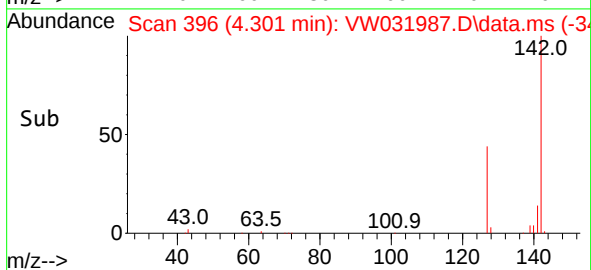
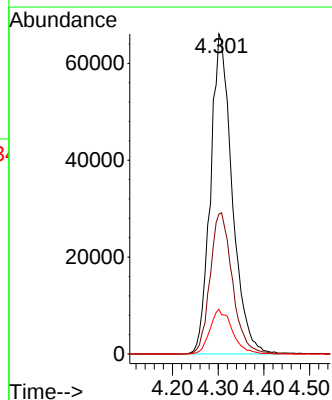
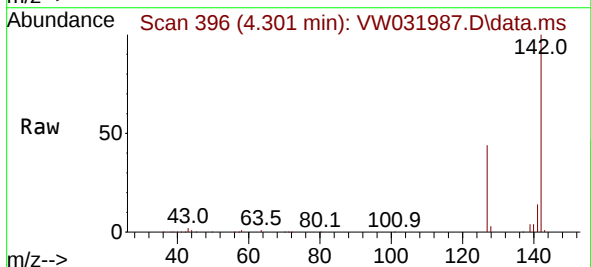
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

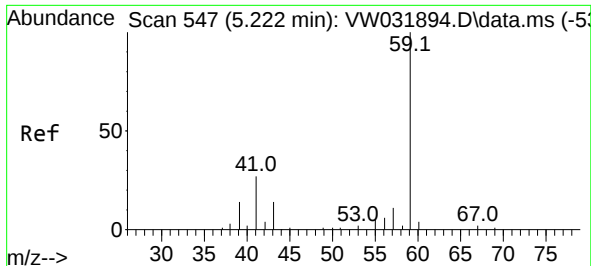
Tgt Ion:101 Resp: 143414
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.5 53.3
 151 71.4 54.6 81.8



#10
 Methyl Iodide
 Concen: 49.340 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VW031987.D
 Acq: 04 Aug 2025 09:24

Tgt Ion:142 Resp: 218134
 Ion Ratio Lower Upper
 142 100
 127 45.1 37.4 56.2
 141 14.3 11.9 17.9

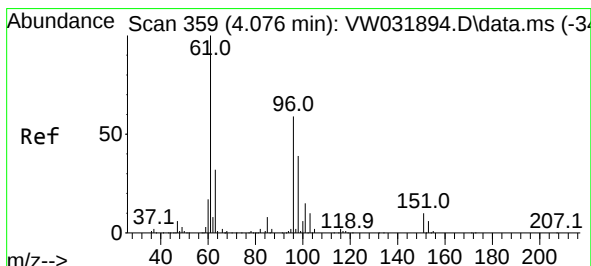
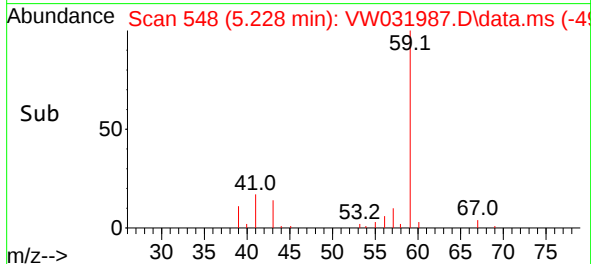
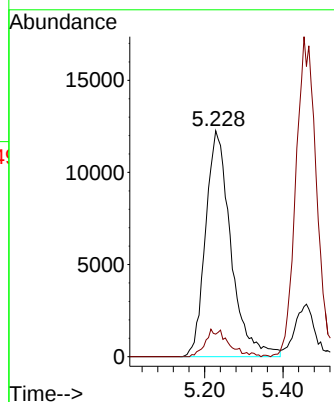
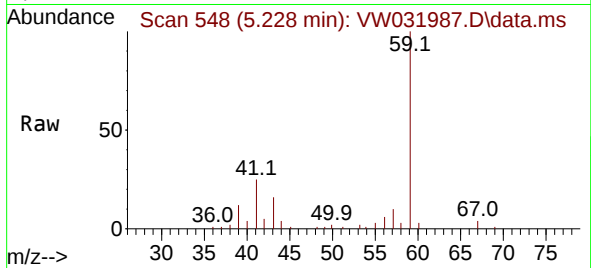




#11
Tert butyl alcohol
Concen: 252.460 ug/l
RT: 5.228 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

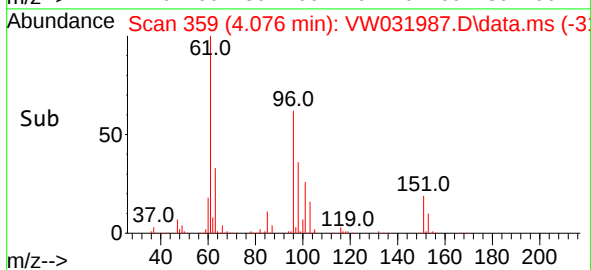
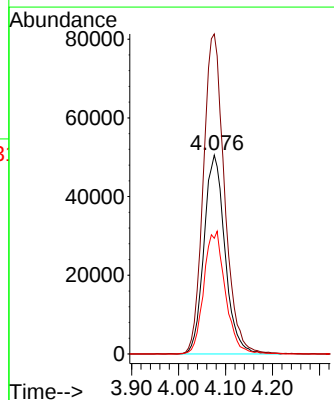
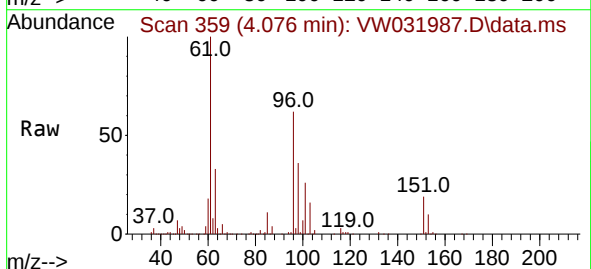
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 54985
Ion Ratio Lower Upper
59 100
57 5.1 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 48.043 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 96 Resp: 156905
Ion Ratio Lower Upper
96 100
61 160.7 135.0 202.6
98 58.0 52.3 78.5

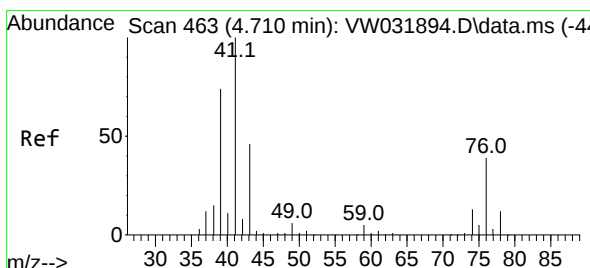
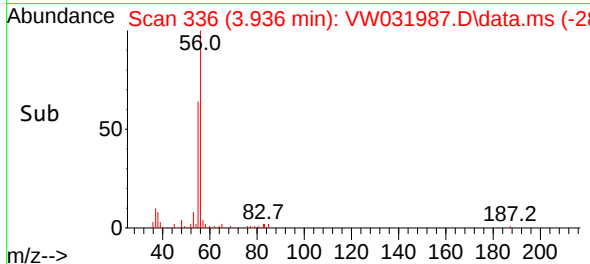
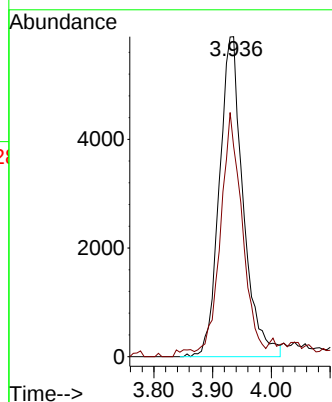
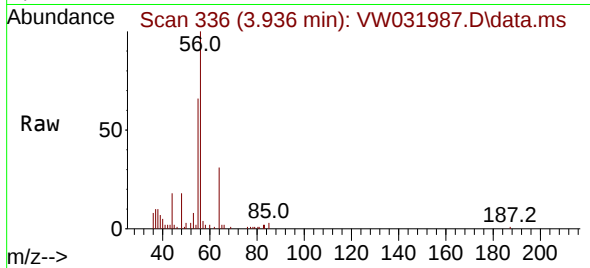




#13
Acrolein
Concen: 46.885 ug/l
RT: 3.936 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

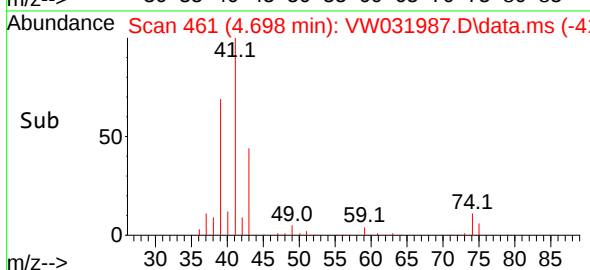
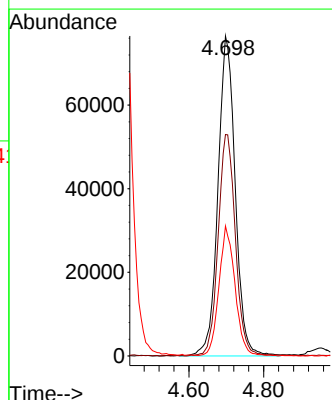
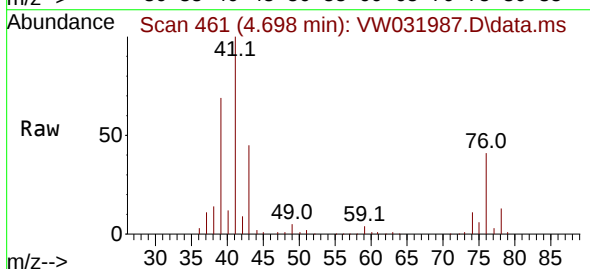
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

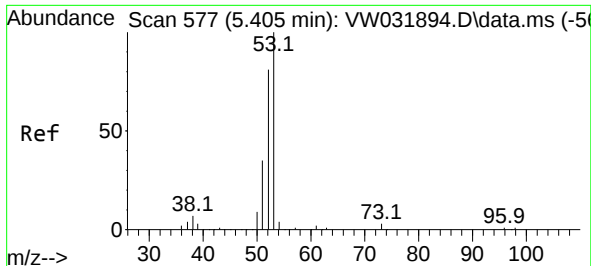
Tgt Ion: 56 Resp: 16608
Ion Ratio Lower Upper
56 100
55 68.4 56.7 85.1



#14
Allyl chloride
Concen: 48.328 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 41 Resp: 245709
Ion Ratio Lower Upper
41 100
39 69.6 56.6 85.0
76 37.9 30.1 45.1

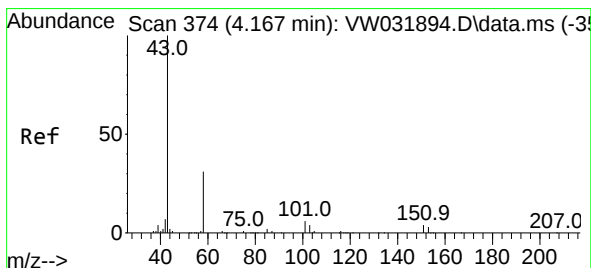
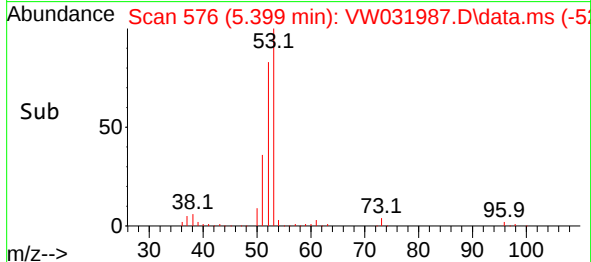
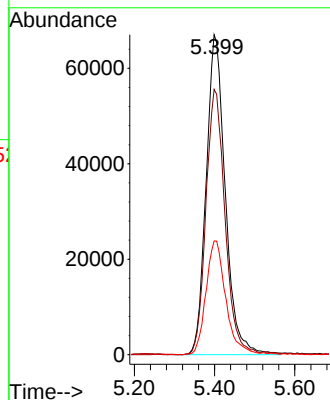
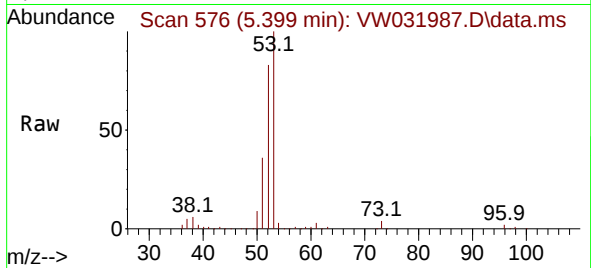




#15
Acrylonitrile
Concen: 241.666 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

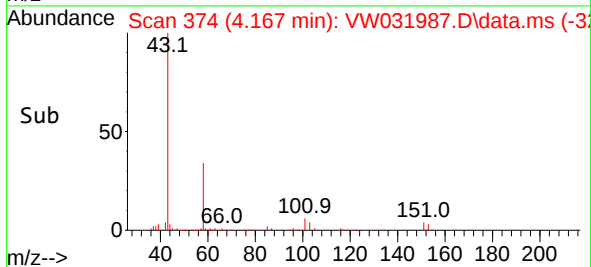
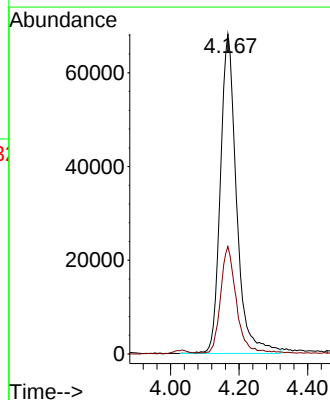
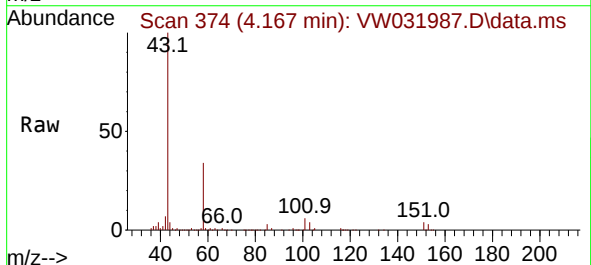
Instrument :
MSVOA_W
ClientSampleId :
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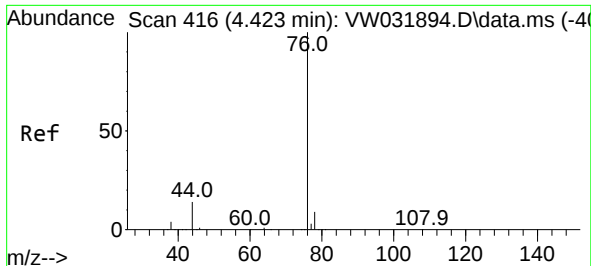
Tgt Ion: 53 Resp: 221867
Ion Ratio Lower Upper
53 100
52 82.7 67.0 100.4
51 36.9 29.9 44.9



#16
Acetone
Concen: 252.797 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 43 Resp: 222267
Ion Ratio Lower Upper
43 100
58 33.0 25.5 38.3

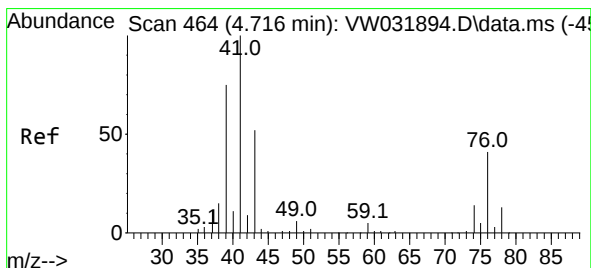
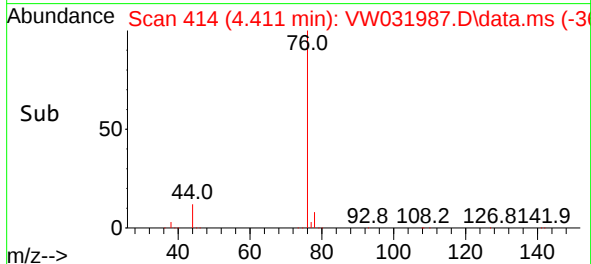
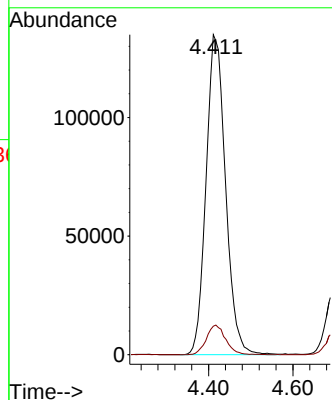
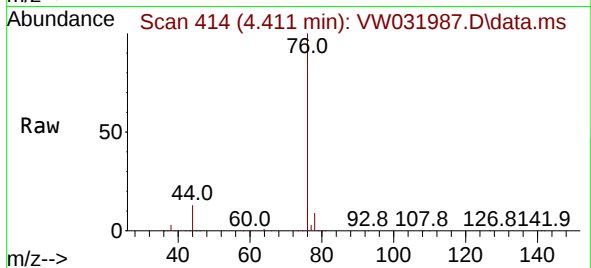




#17
Carbon Disulfide
Concen: 51.244 ug/l
RT: 4.411 min Scan# 416
Delta R.T. -0.012 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

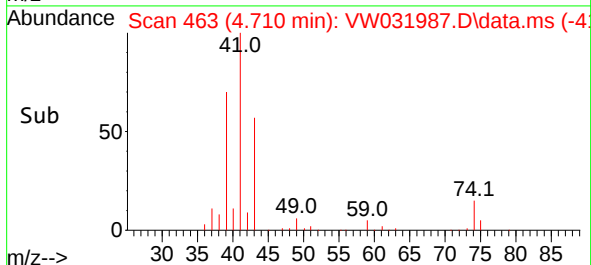
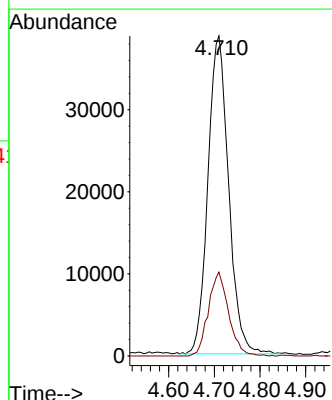
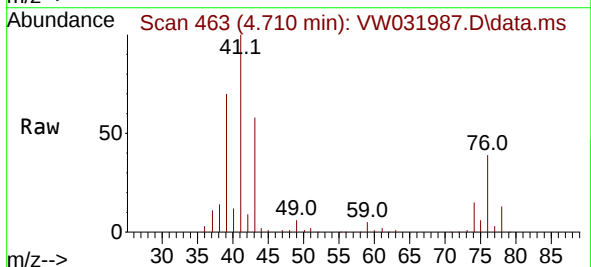
Instrument :
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ClientSampleId :
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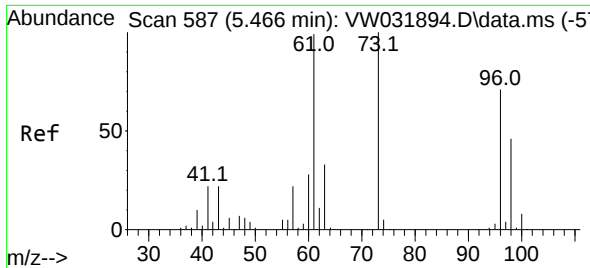
Tgt Ion: 76 Resp: 434050
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 50.222 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 43 Resp: 121653
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0

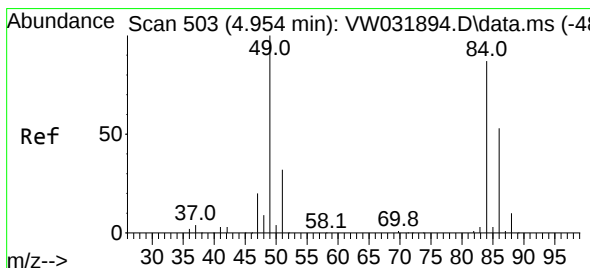
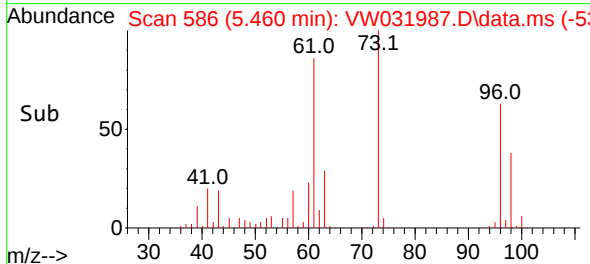
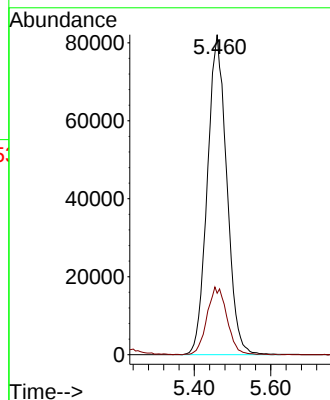
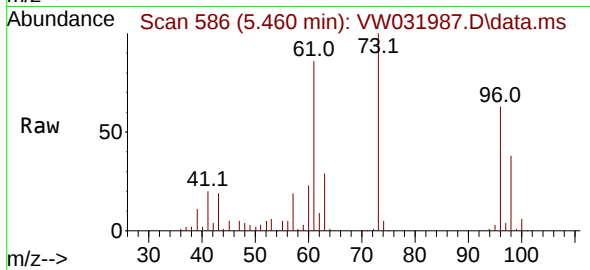




#19
Methyl tert-butyl Ether
Concen: 51.249 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

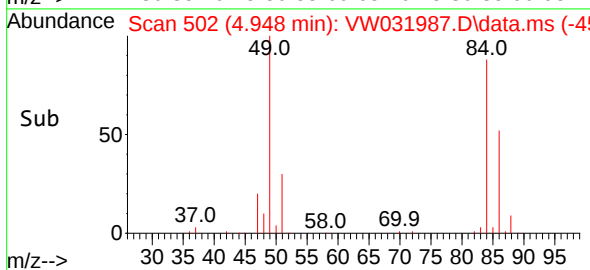
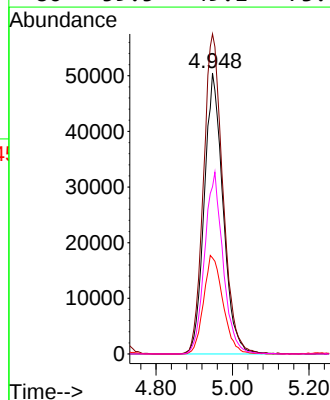
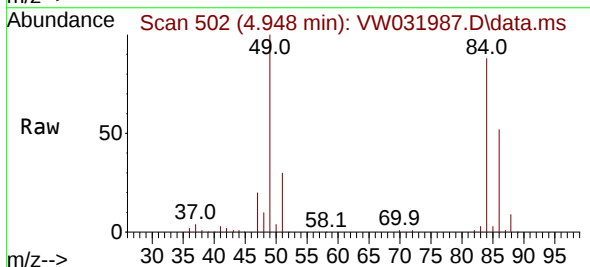
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

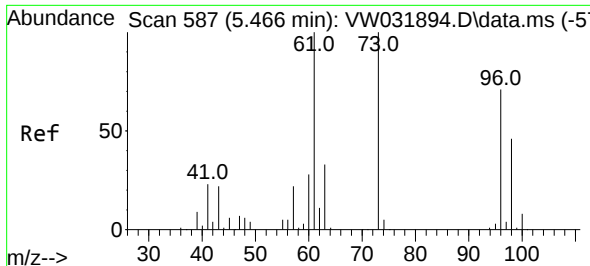
Tgt Ion: 73 Resp: 289199
Ion Ratio Lower Upper
73 100
57 19.2 17.5 26.3



#20
Methylene Chloride
Concen: 45.265 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 84 Resp: 171869
Ion Ratio Lower Upper
84 100
49 113.9 91.9 137.9
51 34.2 29.0 43.6
86 59.5 49.1 73.7

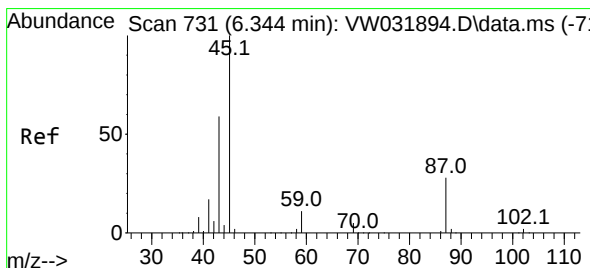
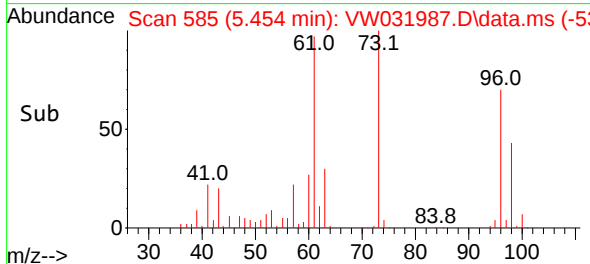
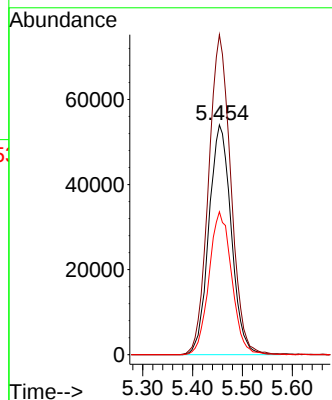
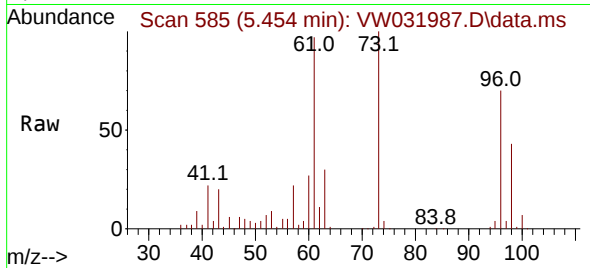




#21
trans-1,2-Dichloroethene
Concen: 48.582 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

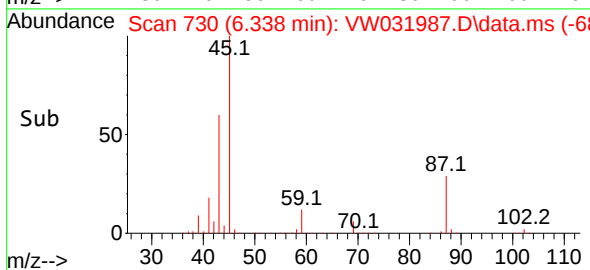
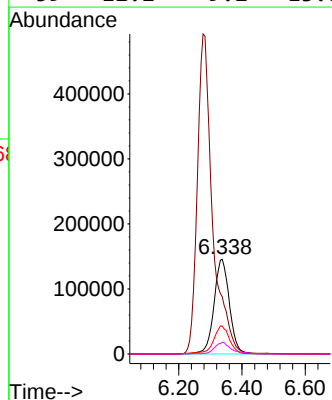
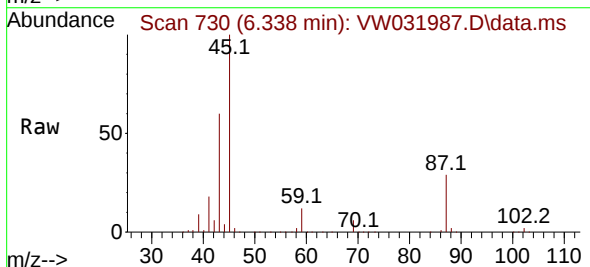
Instrument :
MSVOA_W
ClientSampleId :
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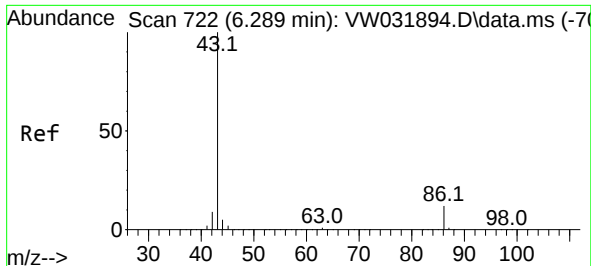
Tgt Ion: 96 Resp: 168346
Ion Ratio Lower Upper
96 100
61 139.3 112.8 169.2
98 62.2 51.9 77.9



#22
Diisopropyl ether
Concen: 48.308 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 45 Resp: 491457
Ion Ratio Lower Upper
45 100
43 60.4 47.0 70.6
87 29.3 22.8 34.2
59 12.2 9.2 13.8

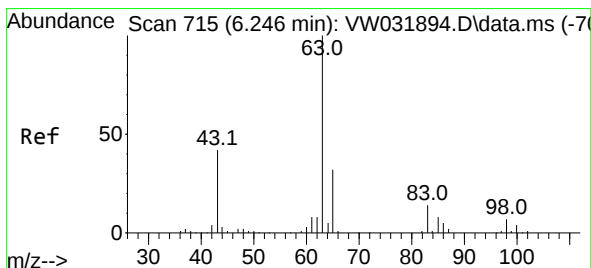
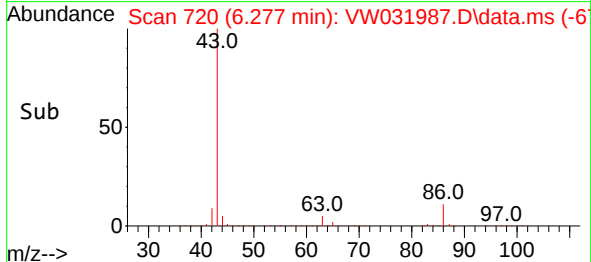
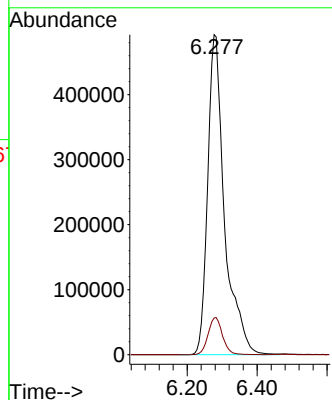
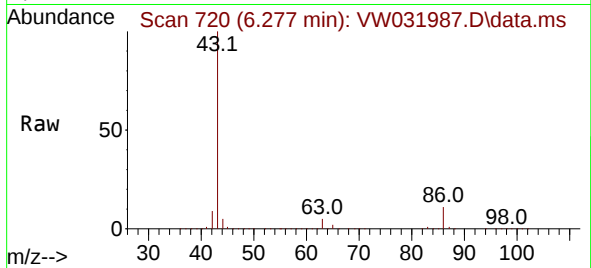




#23
 Vinyl Acetate
 Concen: 247.825 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.012 min
 Lab File: VW031987.D
 Acq: 04 Aug 2025 09:24

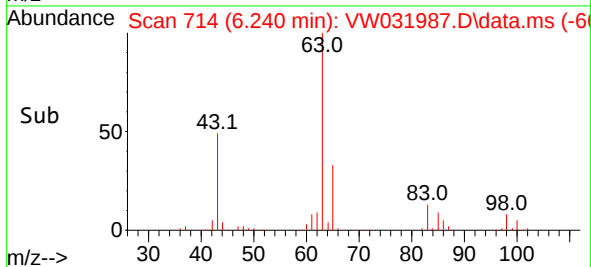
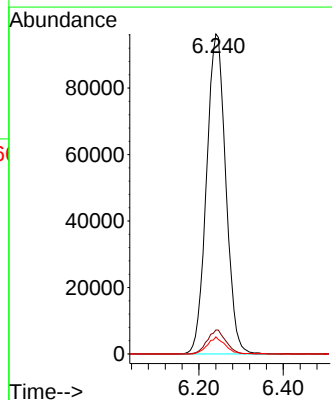
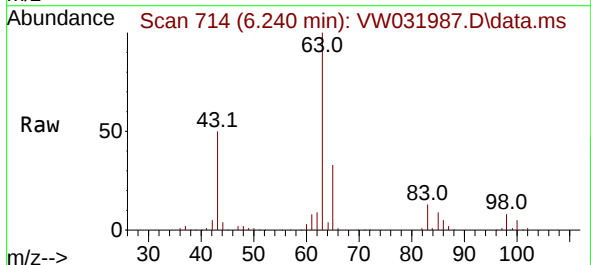
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

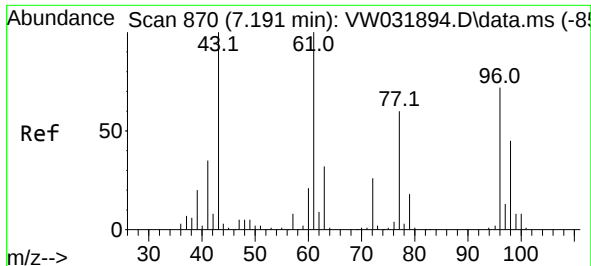
Tgt Ion: 43 Resp: 1647152
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 48.284 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031987.D
 Acq: 04 Aug 2025 09:24

Tgt Ion: 63 Resp: 305835
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 5.3 2.2 6.6

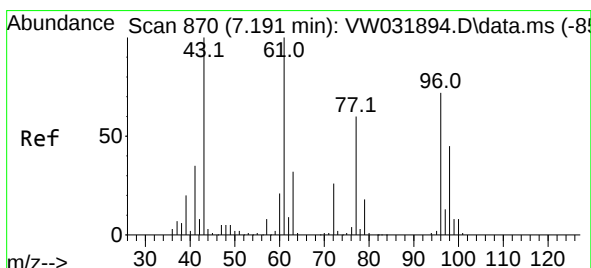
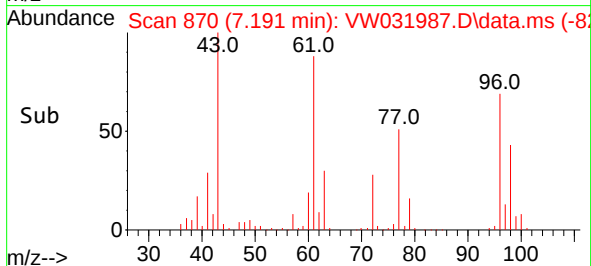
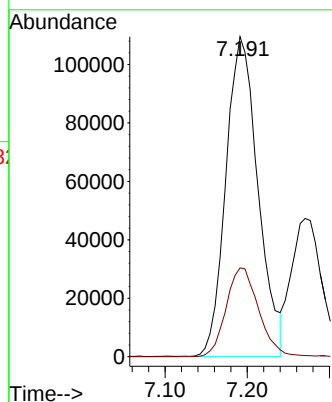
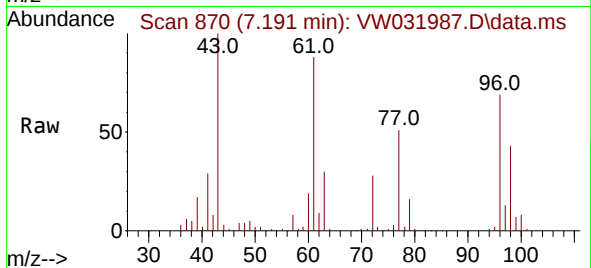




#25
2-Butanone
Concen: 247.094 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

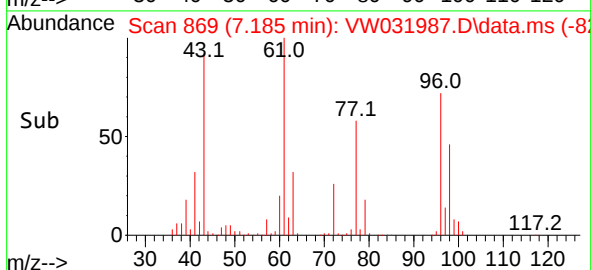
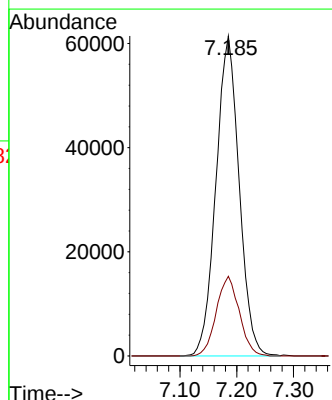
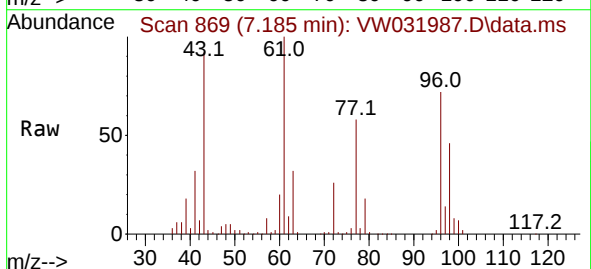
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MSVOA_W
ClientSampleId :
VSTDCCC050

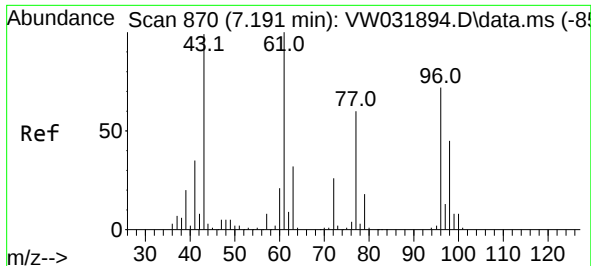
Tgt Ion: 43 Resp: 297250
Ion Ratio Lower Upper
43 100
72 27.8 20.8 31.2



#26
2,2-Dichloropropane
Concen: 48.611 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 77 Resp: 174317
Ion Ratio Lower Upper
77 100
97 24.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.978 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

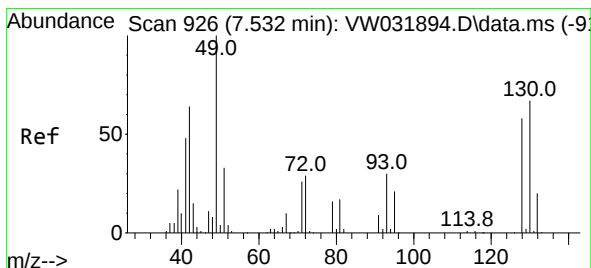
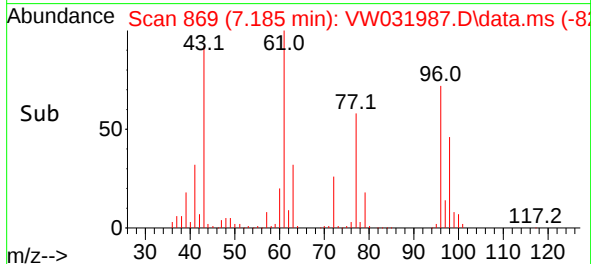
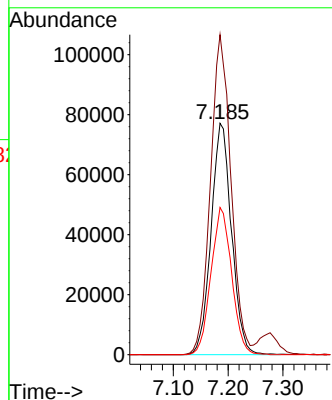
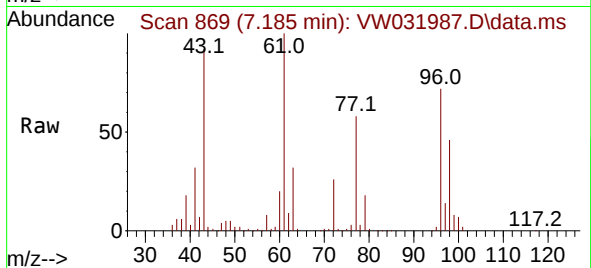
Tgt Ion: 96 Resp: 199527

Ion Ratio Lower Upper

96 100

61 139.5 0.0 280.2

98 64.3 0.0 126.8



#28

Bromochloromethane

Concen: 42.729 ug/l

RT: 7.527 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

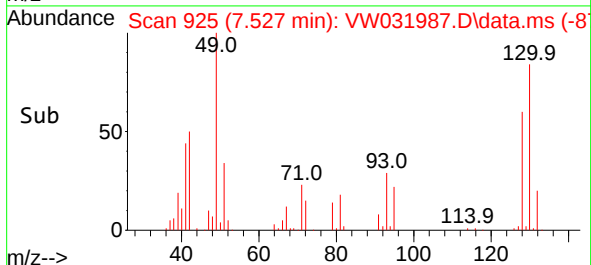
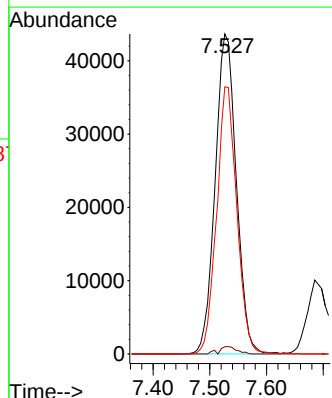
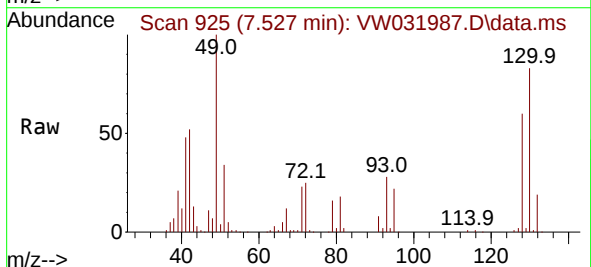
Tgt Ion: 49 Resp: 113318

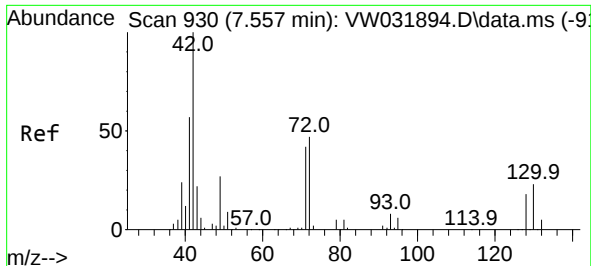
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 79.6 59.0 88.4





#29

Tetrahydrofuran

Concen: 243.457 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

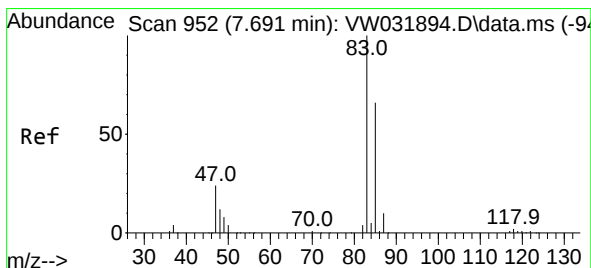
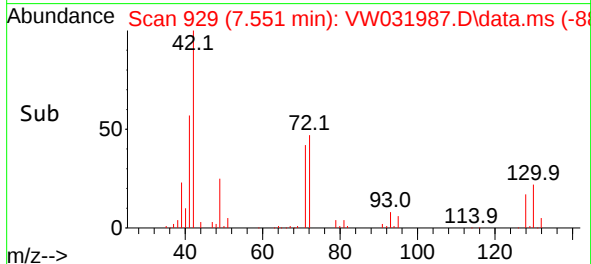
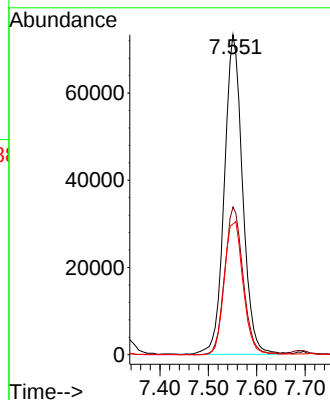
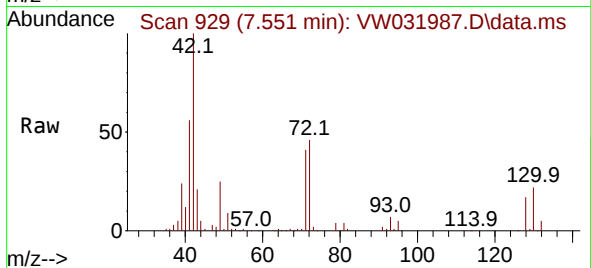
Tgt Ion: 42 Resp: 192017

Ion Ratio Lower Upper

42 100

72 46.9 37.0 55.6

71 43.2 34.5 51.7



#30

Chloroform

Concen: 49.247 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031987.D

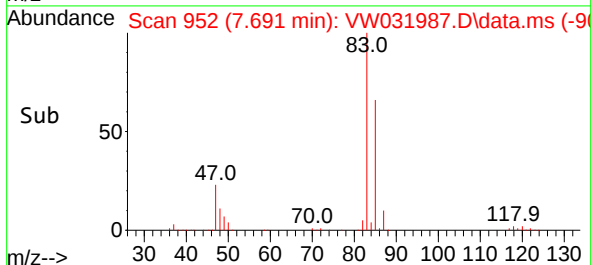
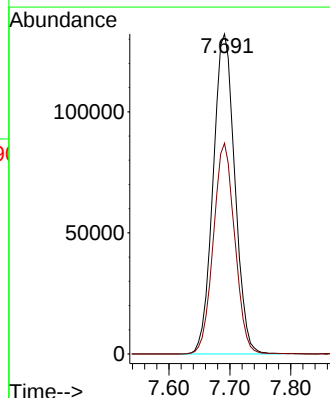
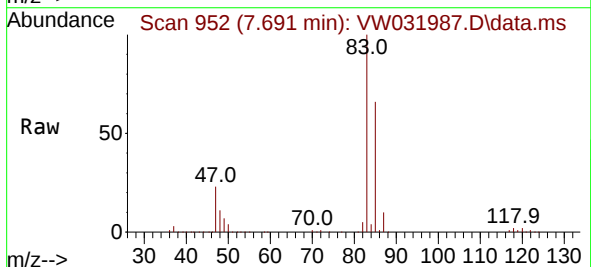
Acq: 04 Aug 2025 09:24

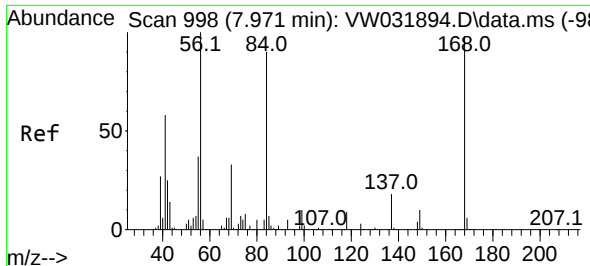
Tgt Ion: 83 Resp: 327064

Ion Ratio Lower Upper

83 100

85 65.9 52.6 78.8

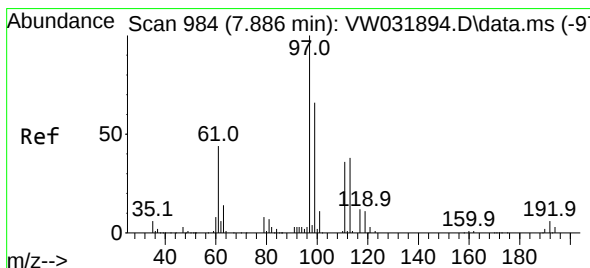
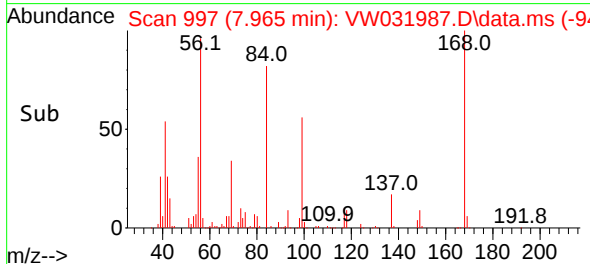
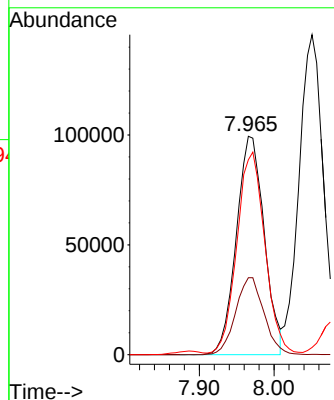
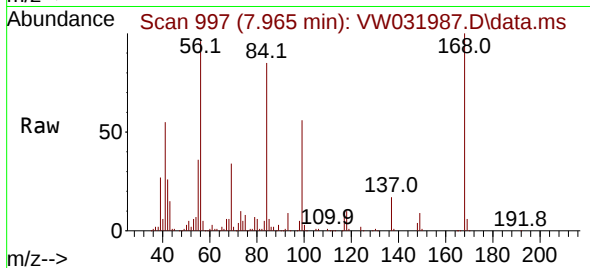




#31
Cyclohexane
Concen: 45.408 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

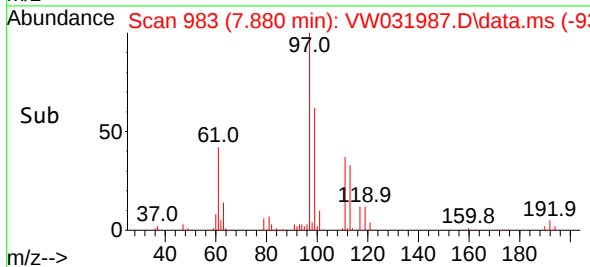
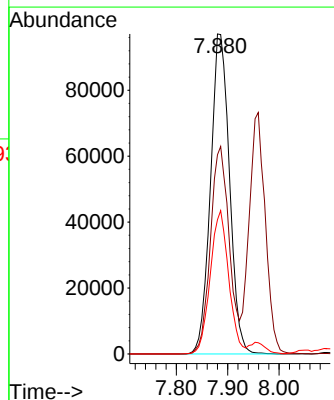
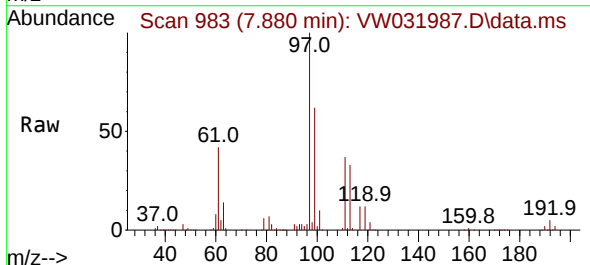
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

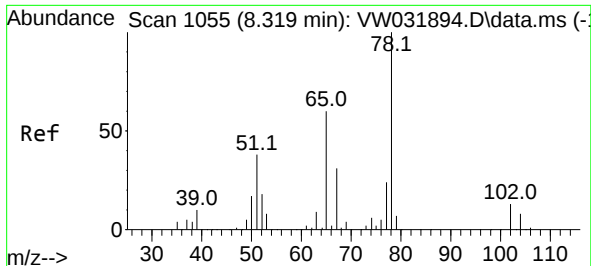
Tgt Ion: 56 Resp: 258034
Ion Ratio Lower Upper
56 100
69 35.2 26.7 40.1
84 87.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.272 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 97 Resp: 249005
Ion Ratio Lower Upper
97 100
99 64.2 53.0 79.4
61 43.8 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 45.708 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

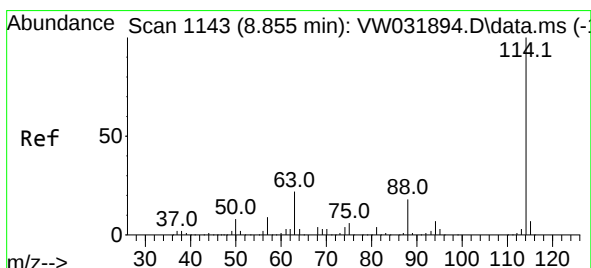
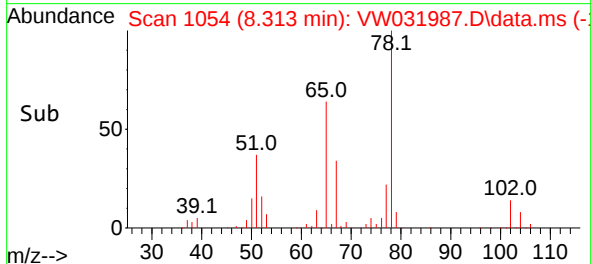
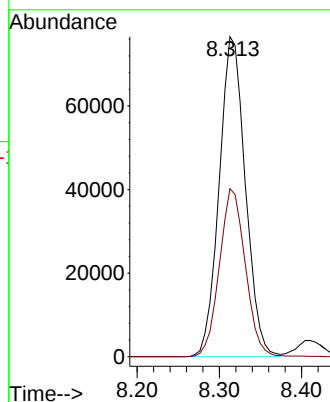
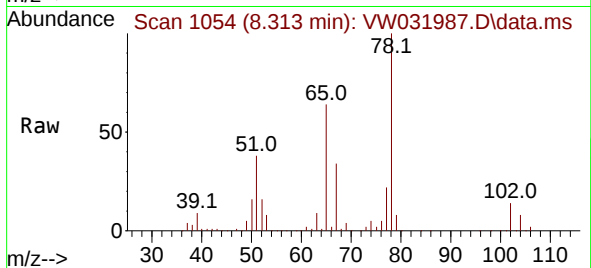
VSTDCCC050

Tgt Ion: 65 Resp: 169357

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

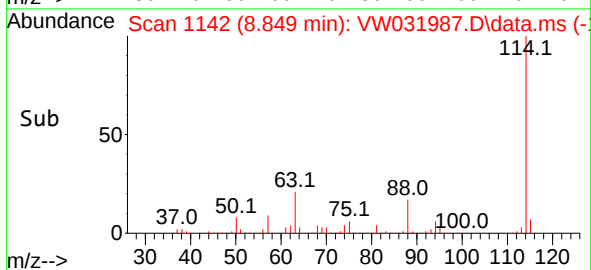
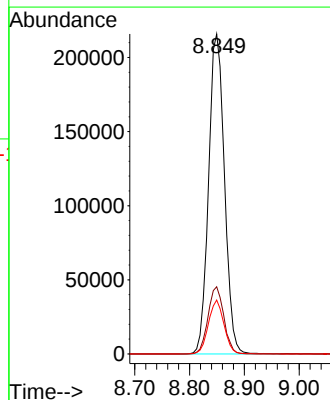
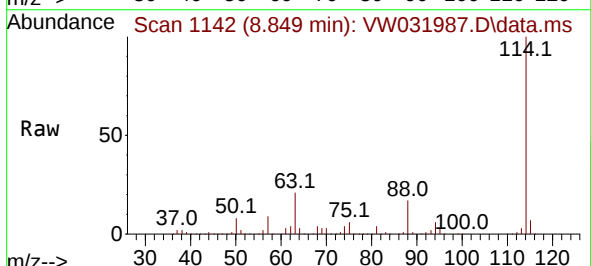
Tgt Ion: 114 Resp: 432425

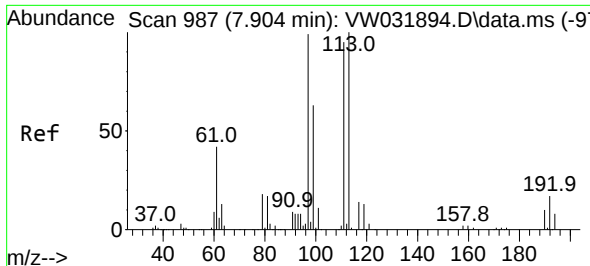
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.2

88 16.9 0.0 35.6

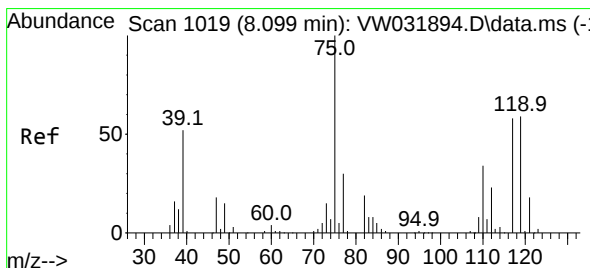
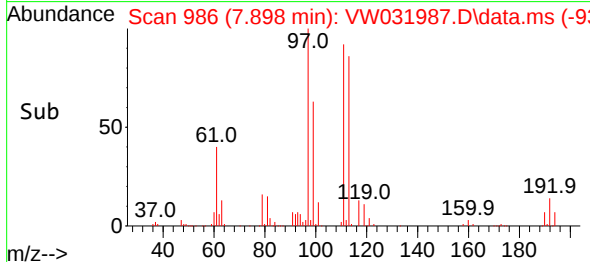
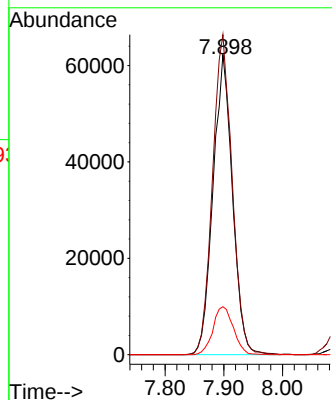
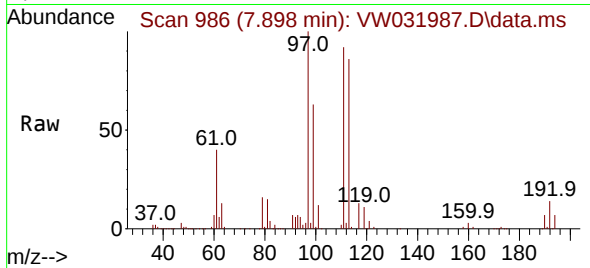




#35
 Dibromofluoromethane
 Concen: 48.577 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031987.D
 Acq: 04 Aug 2025 09:24

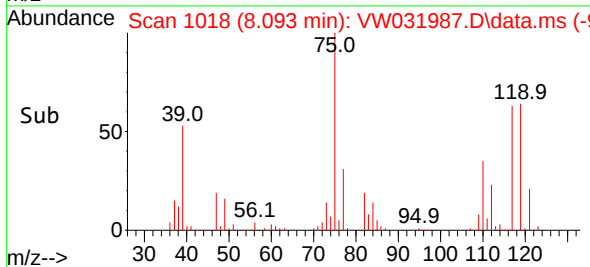
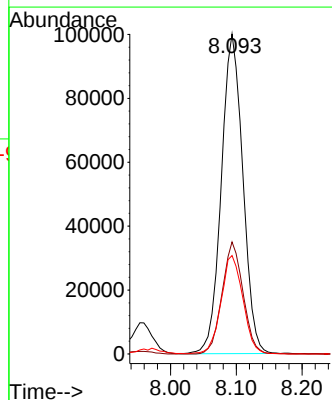
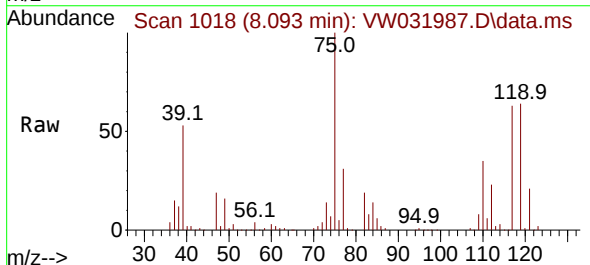
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

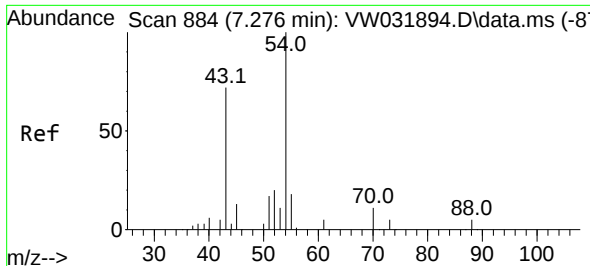
Tgt Ion:113 Resp: 142737
 Ion Ratio Lower Upper
 113 100
 111 108.2 79.9 119.9
 192 16.8 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 50.527 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW031987.D
 Acq: 04 Aug 2025 09:24

Tgt Ion: 75 Resp: 228003
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.0 50.9
 77 31.3 25.1 37.7

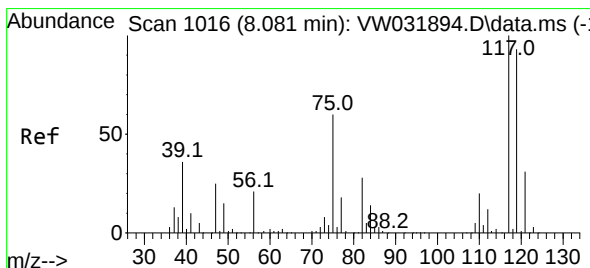
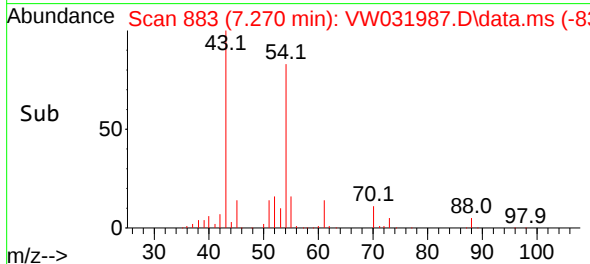
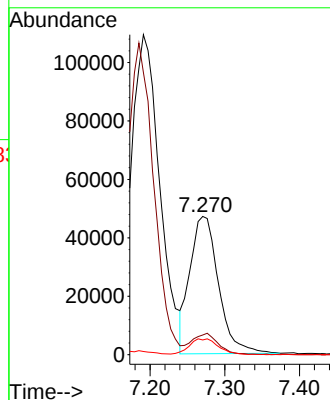
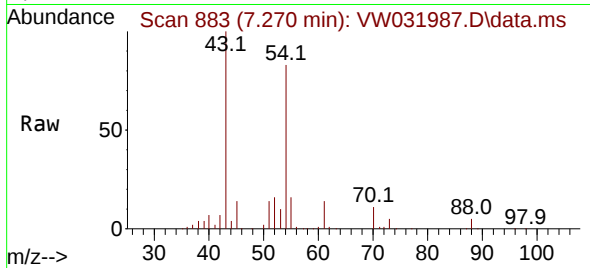




#37
Ethyl Acetate
Concen: 48.529 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

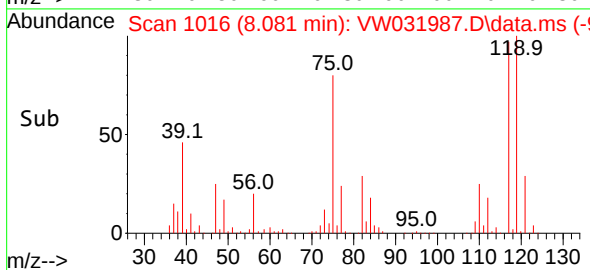
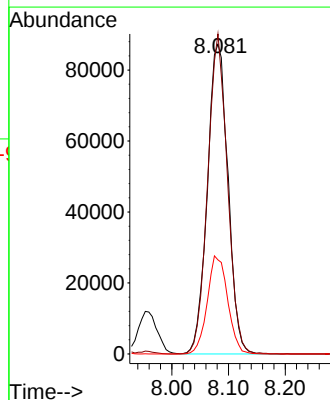
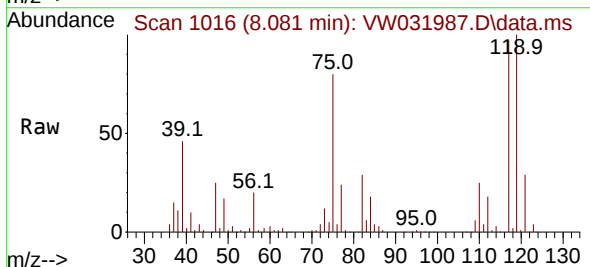
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

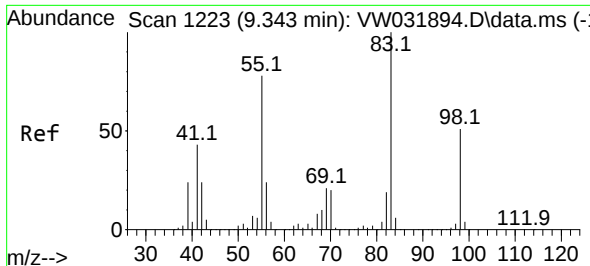
Tgt Ion: 43 Resp: 124924
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 11.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 51.041 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 117 Resp: 221044
Ion Ratio Lower Upper
117 100
119 103.3 74.3 111.5
121 30.4 24.6 37.0





#39

Methylcyclohexane

Concen: 51.613 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

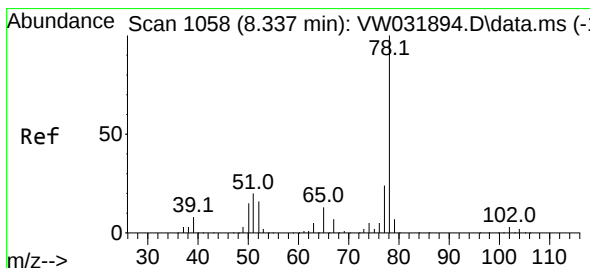
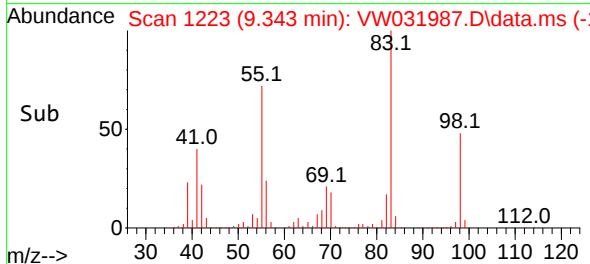
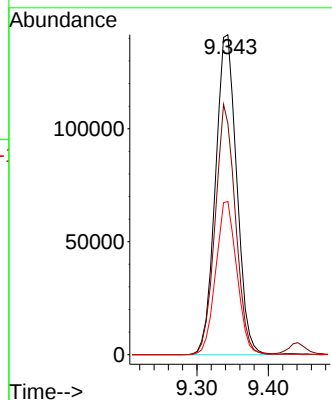
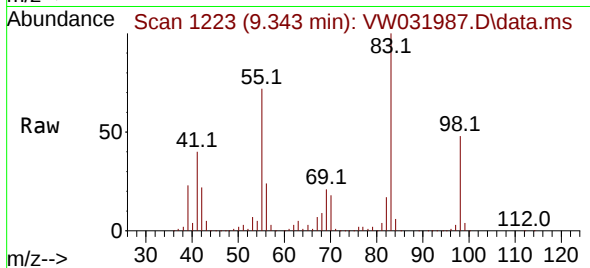
Tgt Ion: 83 Resp: 293104

Ion Ratio Lower Upper

83 100

55 72.3 62.5 93.7

98 47.9 40.6 61.0



#40

Benzene

Concen: 51.223 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031987.D

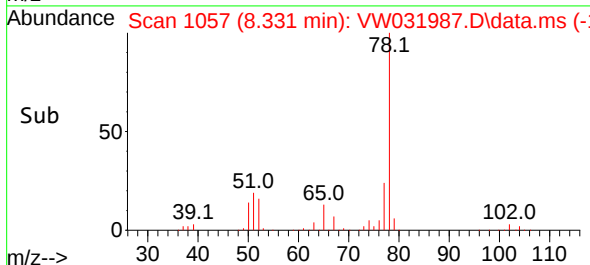
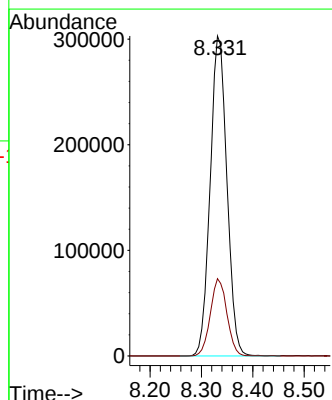
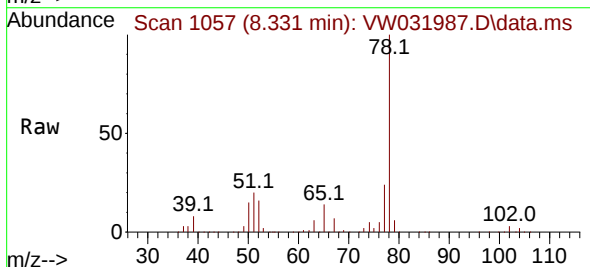
Acq: 04 Aug 2025 09:24

Tgt Ion: 78 Resp: 684237

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9

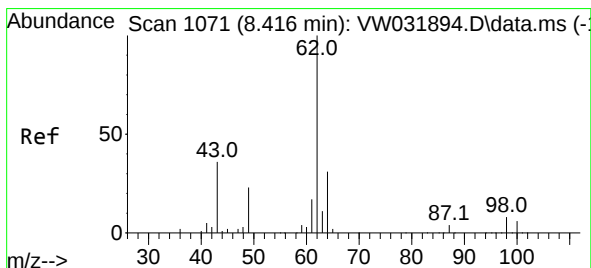
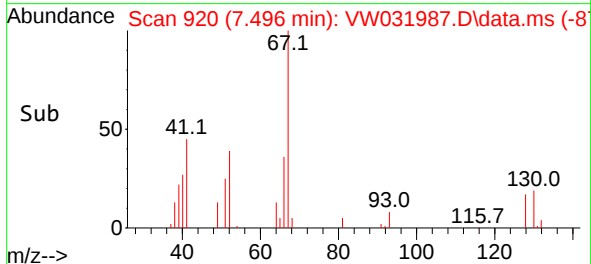
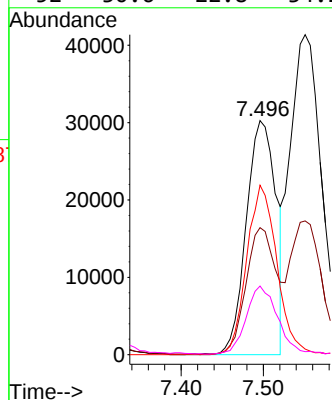
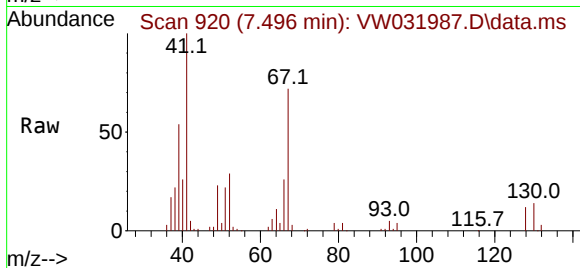




#41
Methacrylonitrile
Concen: 49.512 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

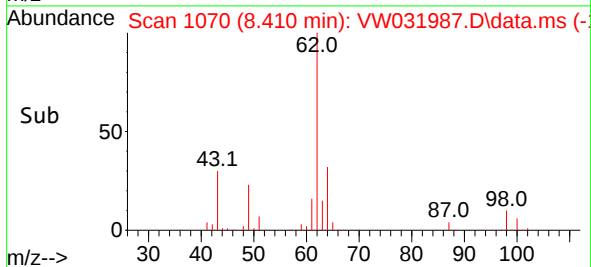
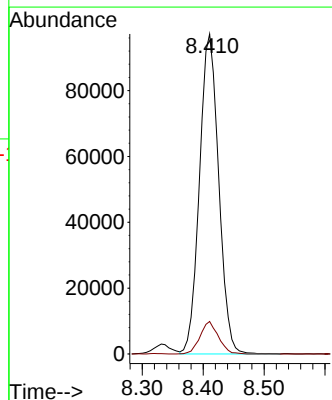
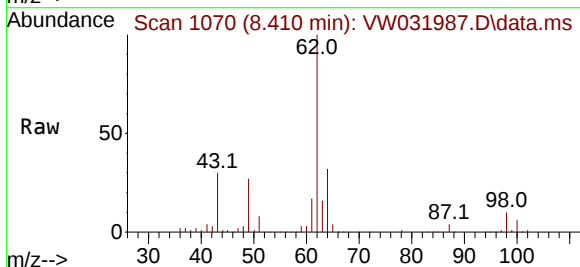
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

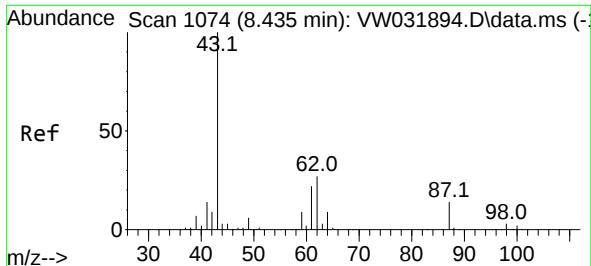
Tgt Ion:	41	Resp:	76296
Ion	Ratio	Lower	Upper
41	100		
39	58.2	41.1	61.7
67	73.4	56.2	84.4
52	30.6	22.8	34.2



#42
1,2-Dichloroethane
Concen: 49.822 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion:	62	Resp:	212996
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2

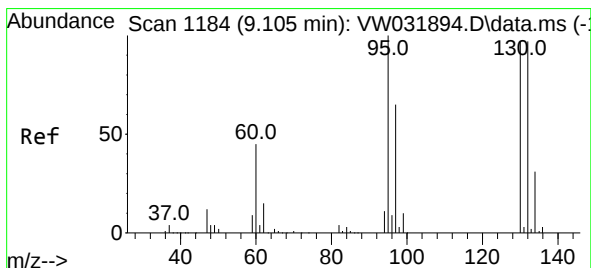
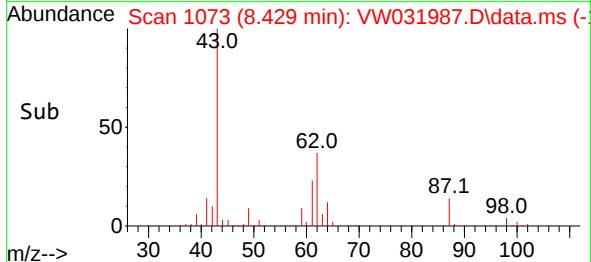
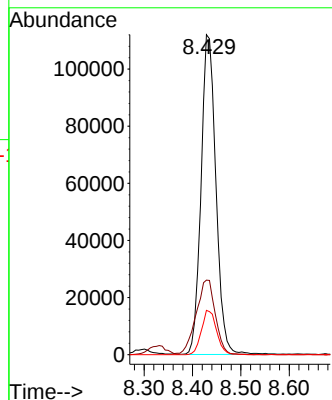
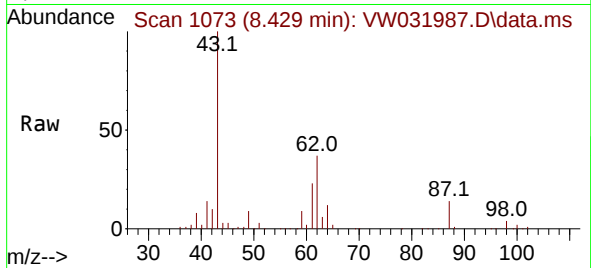




#43
Isopropyl Acetate
Concen: 51.403 ug/l
RT: 8.429 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

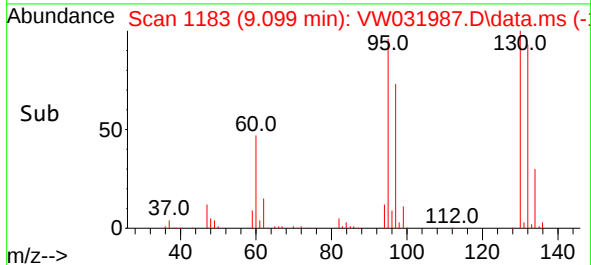
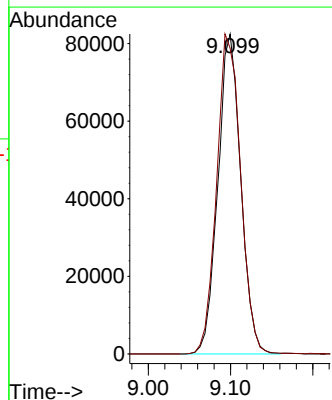
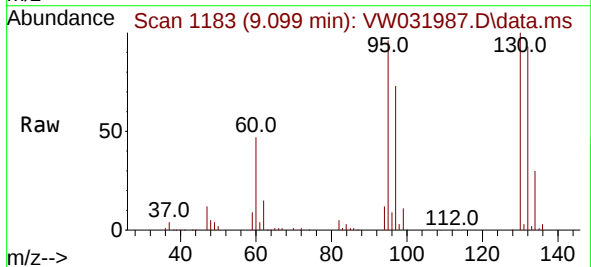
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

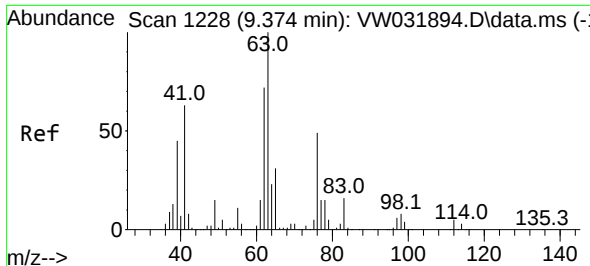
Tgt Ion: 43 Resp: 239547
Ion Ratio Lower Upper
43 100
61 30.1 24.0 36.0
87 14.1 11.1 16.7



#44
Trichloroethene
Concen: 50.248 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 130 Resp: 159542
Ion Ratio Lower Upper
130 100
95 95.6 0.0 206.4

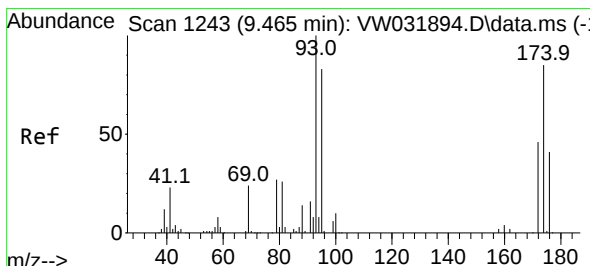
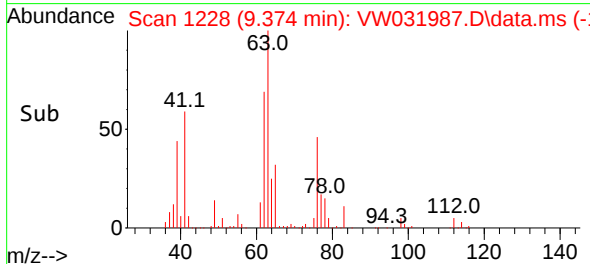
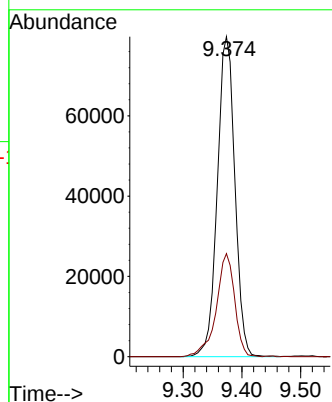
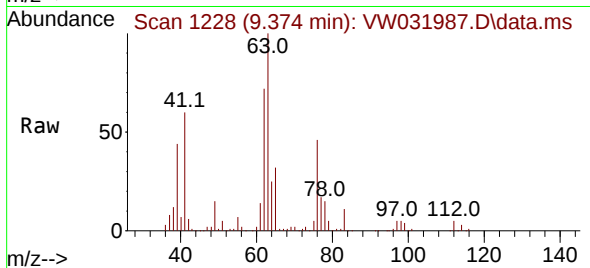




#45
1,2-Dichloropropane
Concen: 51.362 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

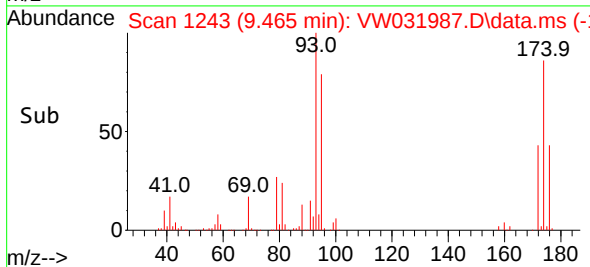
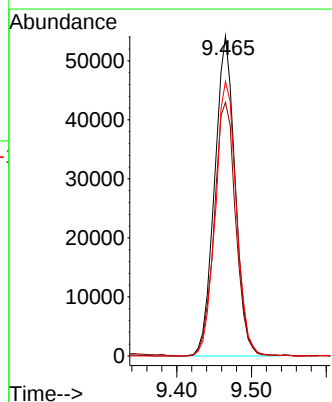
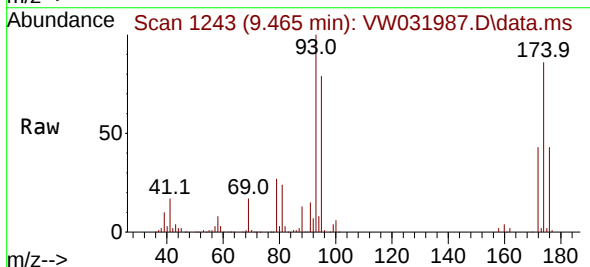
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

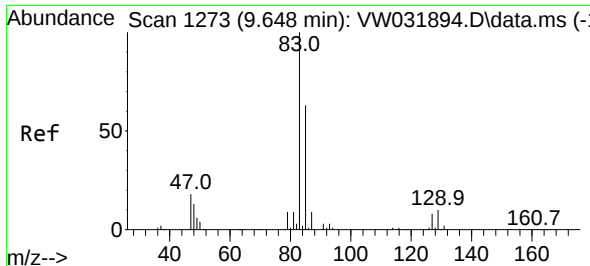
Tgt Ion: 63 Resp: 165234
Ion Ratio Lower Upper
63 100
65 32.2 25.0 37.4



#46
Dibromomethane
Concen: 52.012 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 93 Resp: 103723
Ion Ratio Lower Upper
93 100
95 82.6 65.8 98.6
174 87.5 70.2 105.2

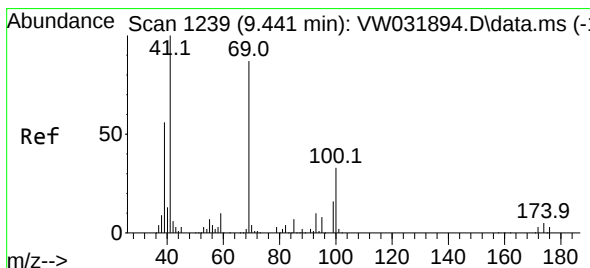
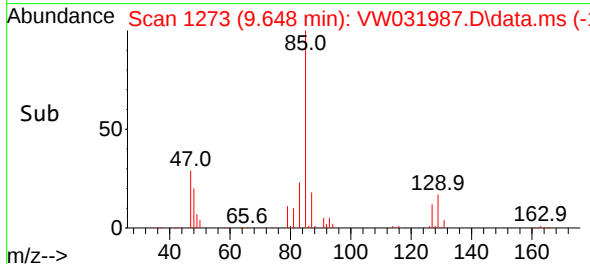
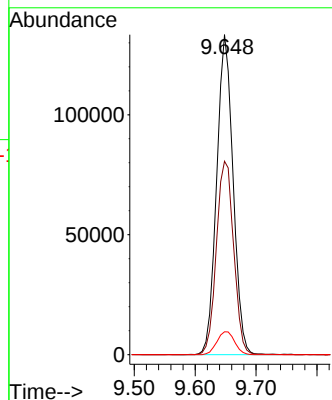
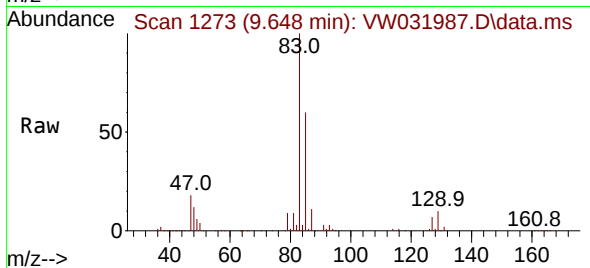




#47
Bromodichloromethane
Concen: 52.128 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

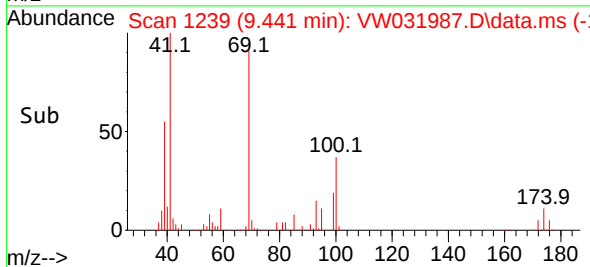
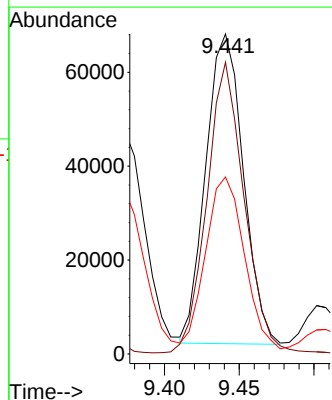
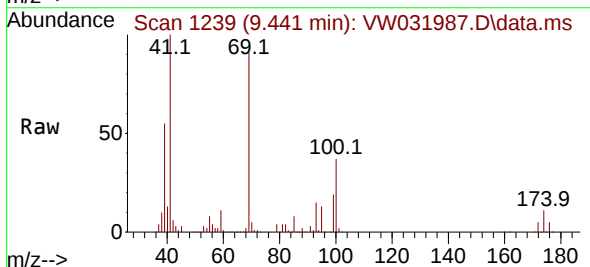
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

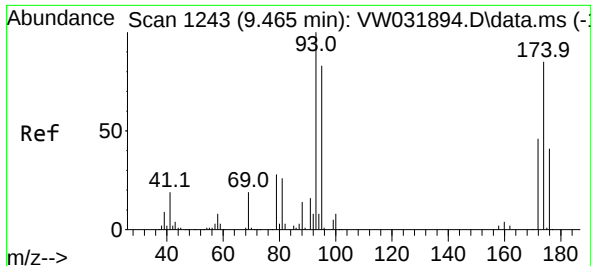
Tgt Ion: 83 Resp: 249276
Ion Ratio Lower Upper
83 100
85 60.4 50.6 76.0
127 7.2 6.5 9.7



#48
Methyl methacrylate
Concen: 51.905 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 41 Resp: 115079
Ion Ratio Lower Upper
41 100
69 94.1 73.6 110.4
39 56.6 45.5 68.3





#49

1,4-Dioxane

Concen: 1170.411 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

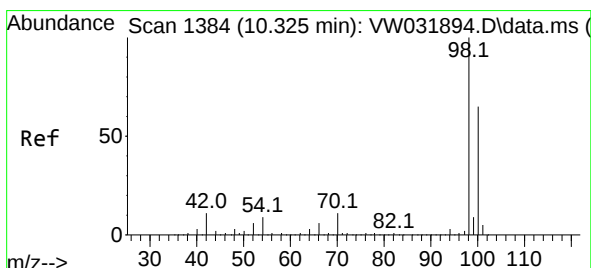
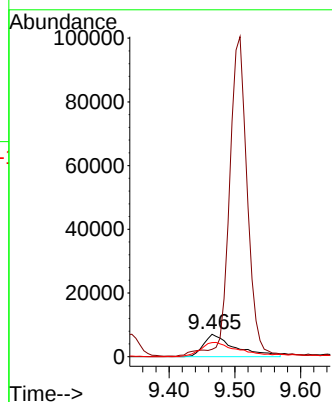
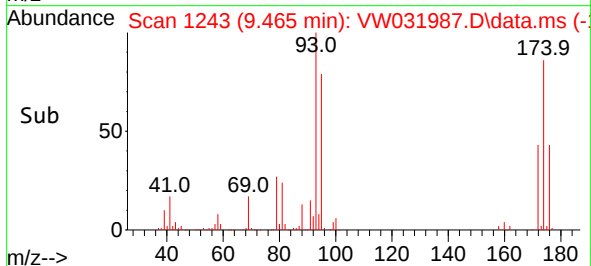
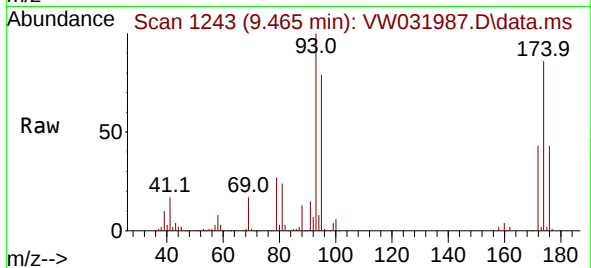
Tgt Ion: 88 Resp: 23290

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 75.9 58.2 87.2



#50

Toluene-d8

Concen: 51.473 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031987.D

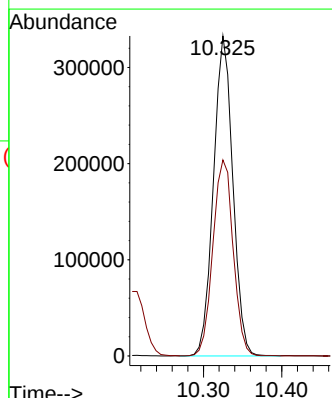
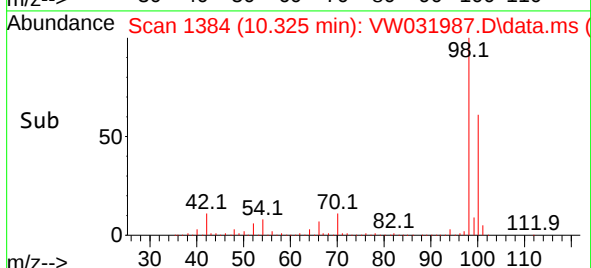
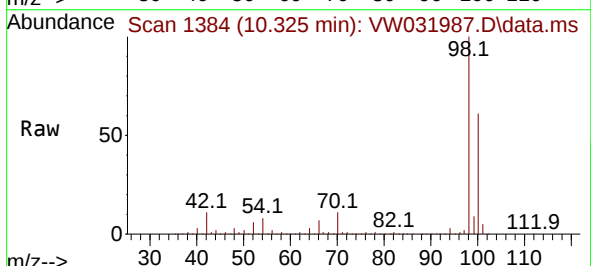
Acq: 04 Aug 2025 09:24

Tgt Ion: 98 Resp: 572419

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5

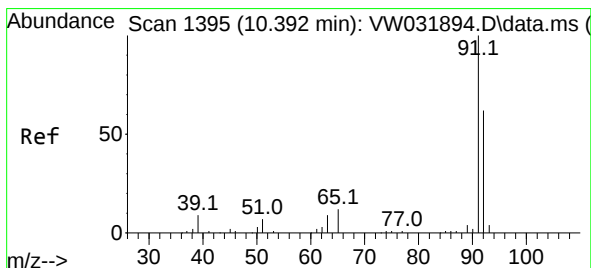
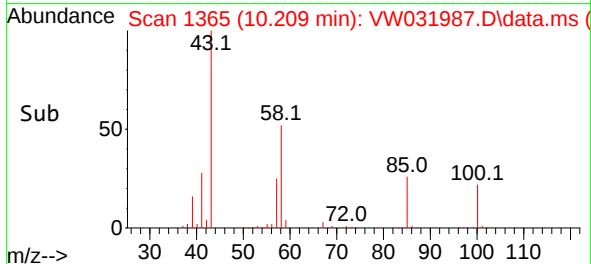
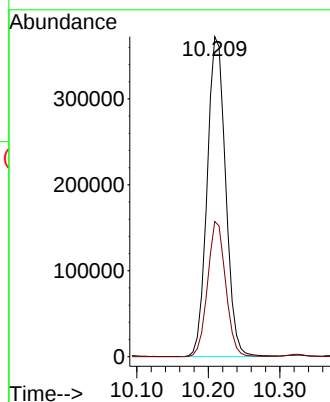
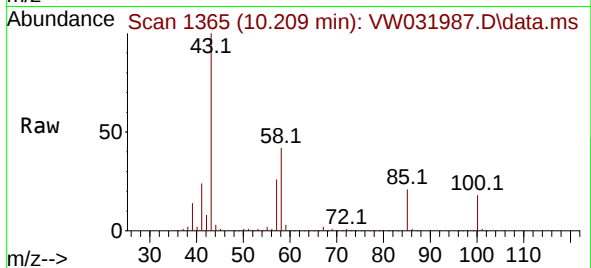




#51
4-Methyl-2-Pentanone
Concen: 261.891 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

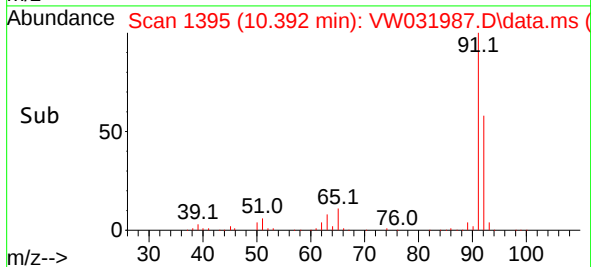
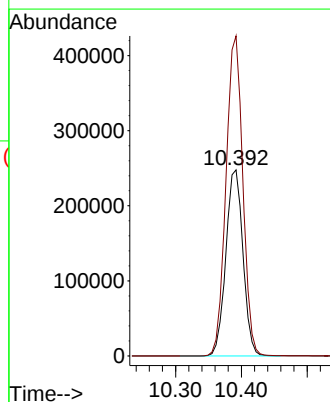
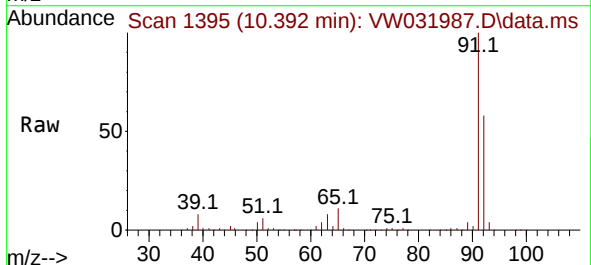
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

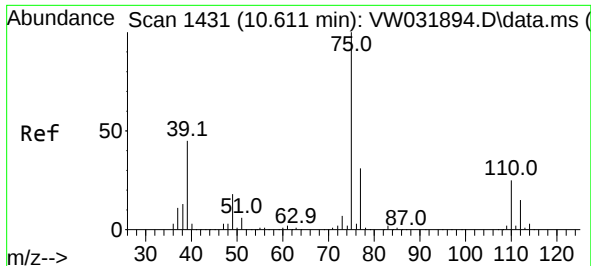
Tgt Ion: 43 Resp: 667922
Ion Ratio Lower Upper
43 100
58 41.4 32.8 49.2



#52
Toluene
Concen: 52.228 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 92 Resp: 448483
Ion Ratio Lower Upper
92 100
91 168.9 133.7 200.5

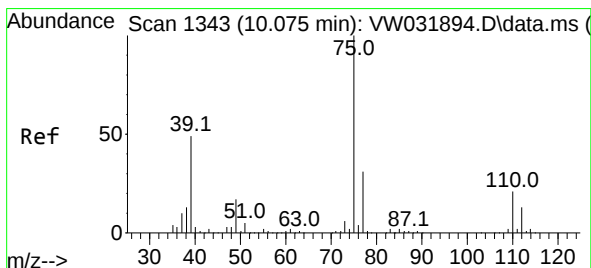
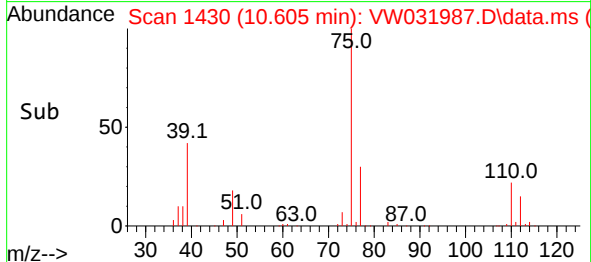
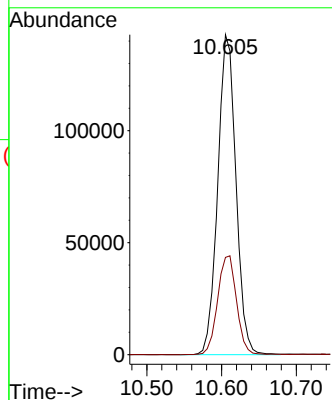
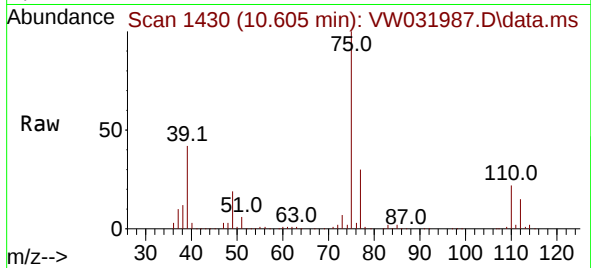




#53
t-1,3-Dichloropropene
Concen: 52.793 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

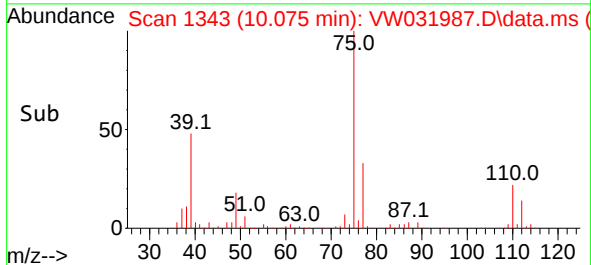
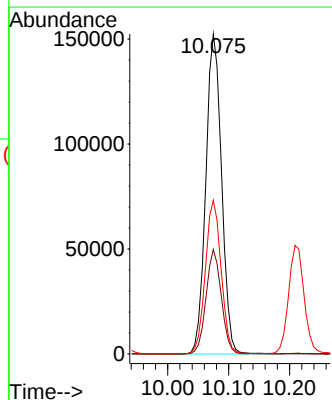
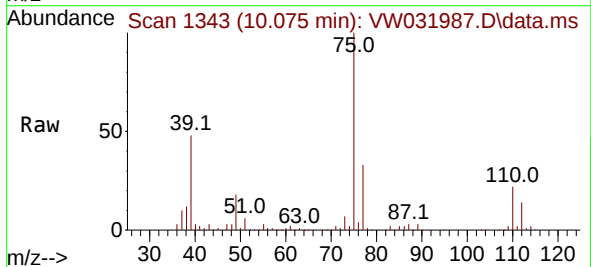
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

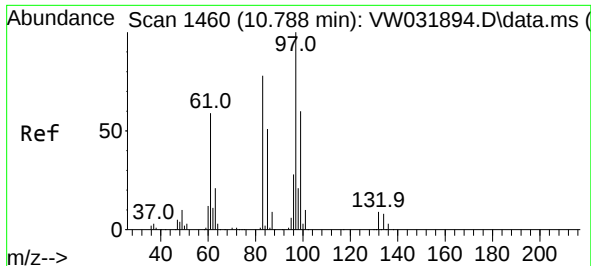
Tgt Ion: 75 Resp: 242170
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 52.326 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 75 Resp: 274111
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7
39 47.9 39.3 58.9



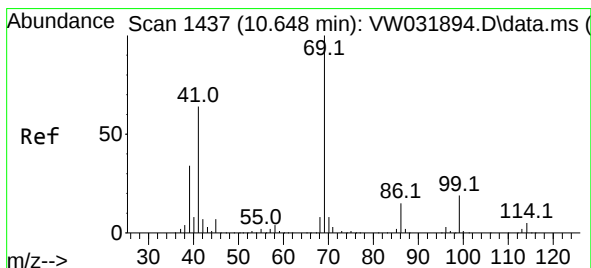
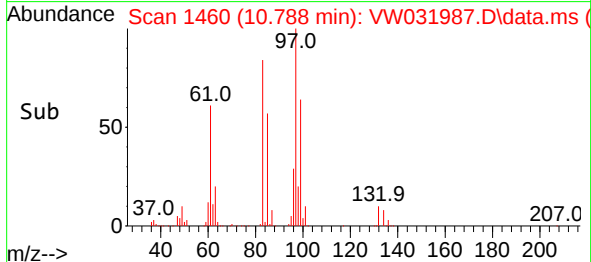
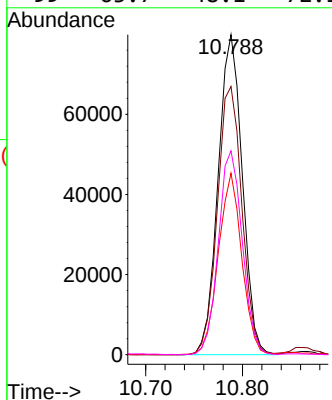
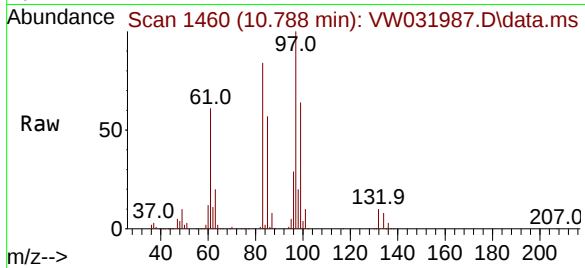


#55
1,1,2-Trichloroethane
Concen: 52.349 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 138672

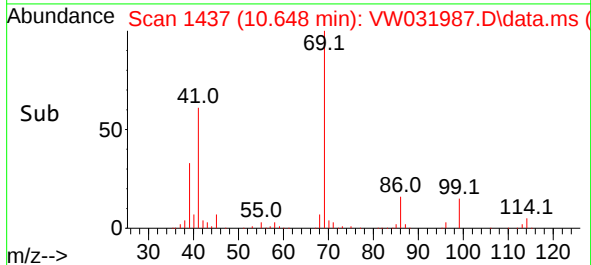
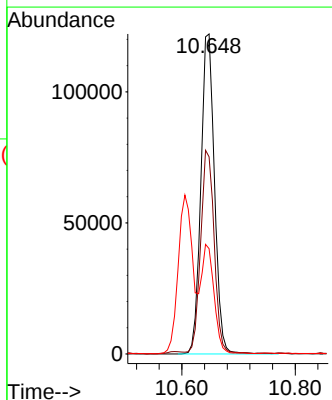
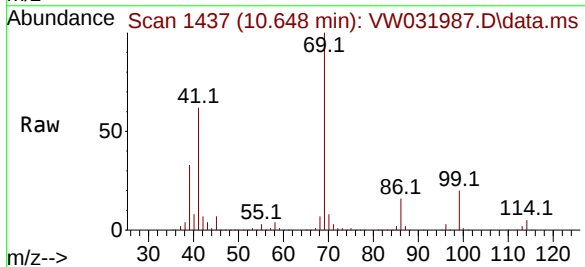
Ion	Ratio	Lower	Upper
97	100		
83	83.8	62.4	93.6
85	56.7	41.0	61.6
99	63.7	48.1	72.1

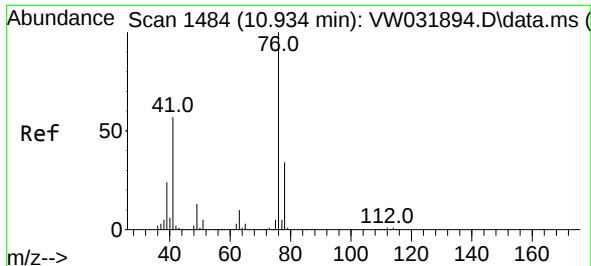


#56
Ethyl methacrylate
Concen: 54.458 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 69 Resp: 203738

Ion	Ratio	Lower	Upper
69	100		
41	62.4	52.0	78.0
39	30.2	26.6	40.0





#57

1,3-Dichloropropane

Concen: 50.881 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

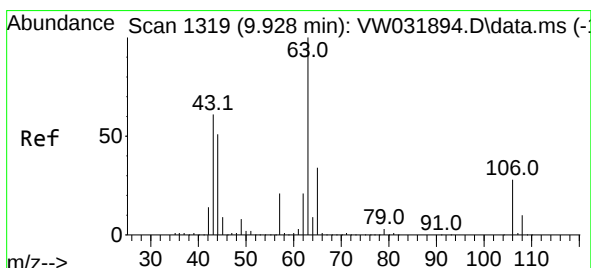
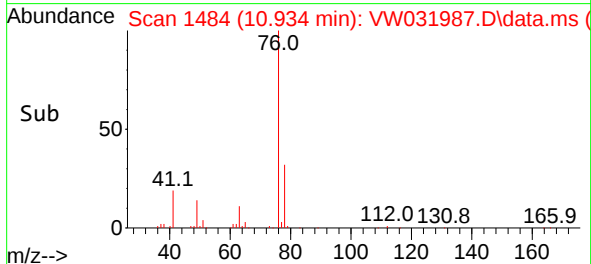
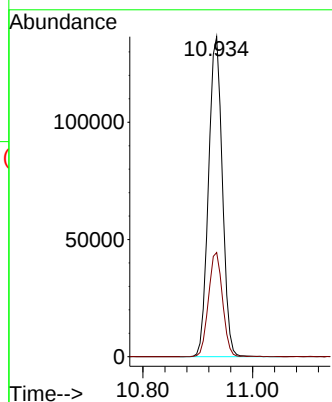
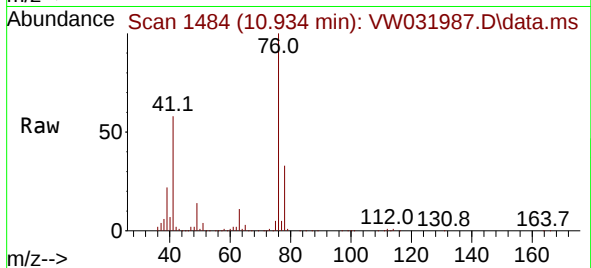
VSTDCCC050

Tgt Ion: 76 Resp: 237448

Ion Ratio Lower Upper

76 100

78 33.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 141.845 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031987.D

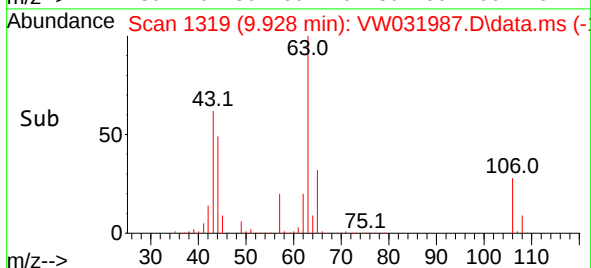
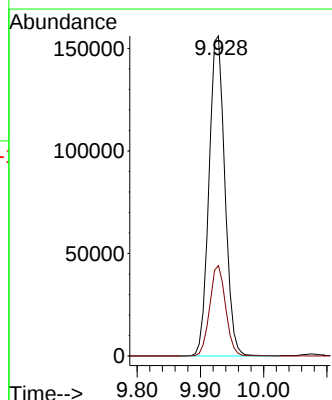
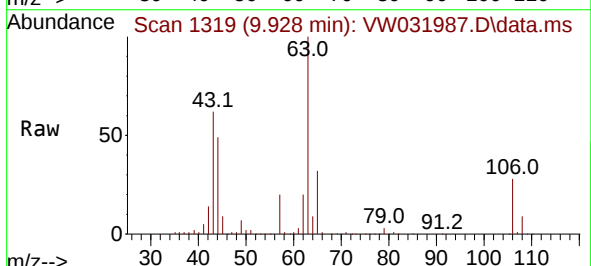
Acq: 04 Aug 2025 09:24

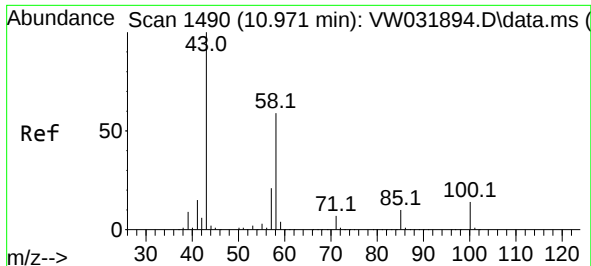
Tgt Ion: 63 Resp: 272577

Ion Ratio Lower Upper

63 100

106 28.2 22.7 34.1

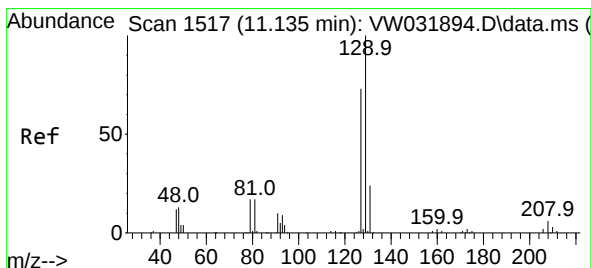
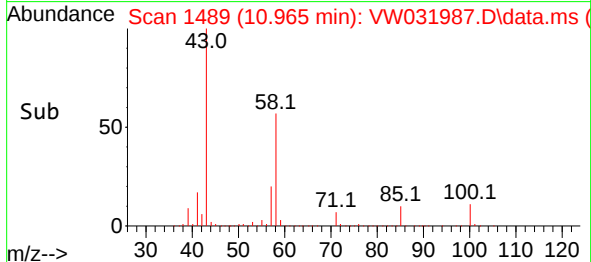
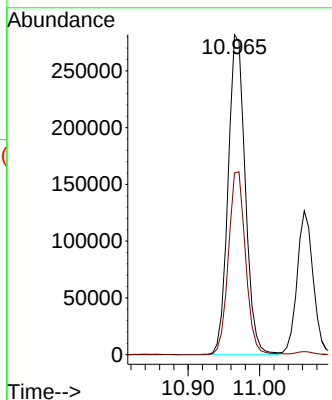
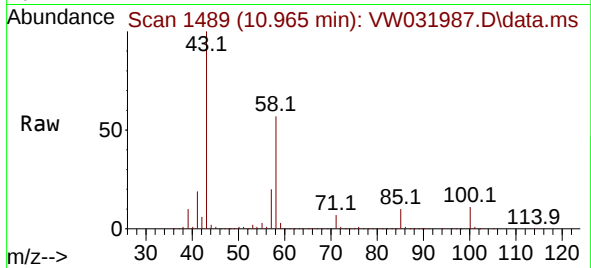




#59
2-Hexanone
Concen: 264.279 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

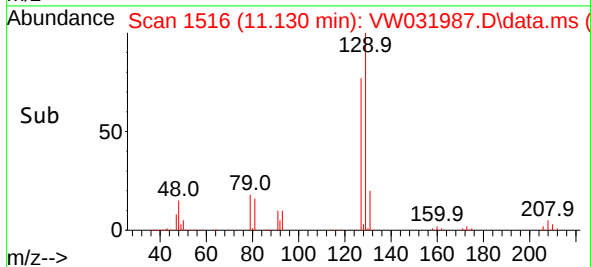
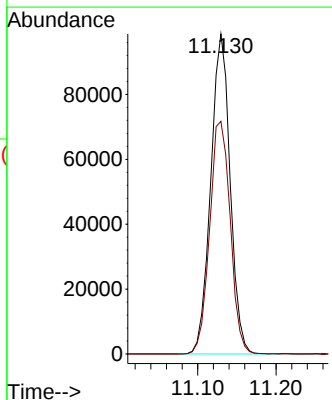
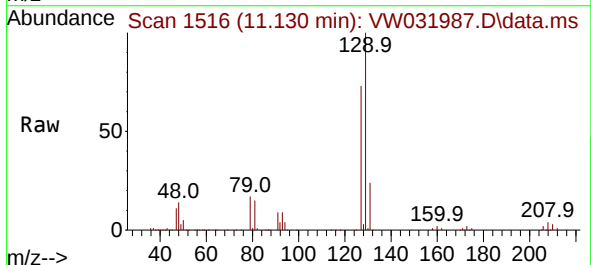
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

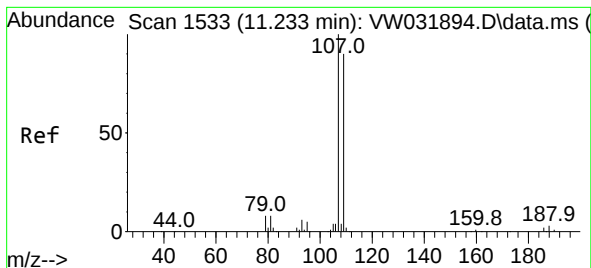
Tgt Ion: 43 Resp: 468504
Ion Ratio Lower Upper
43 100
58 57.3 28.5 85.6



#60
Dibromochloromethane
Concen: 54.958 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion:129 Resp: 169737
Ion Ratio Lower Upper
129 100
127 77.0 39.6 118.8

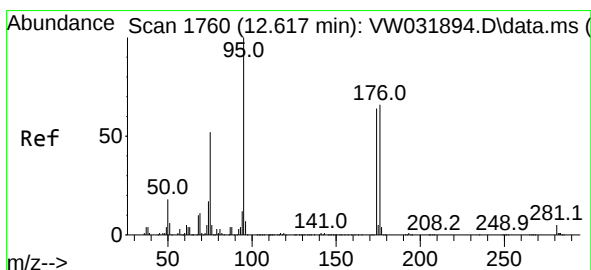
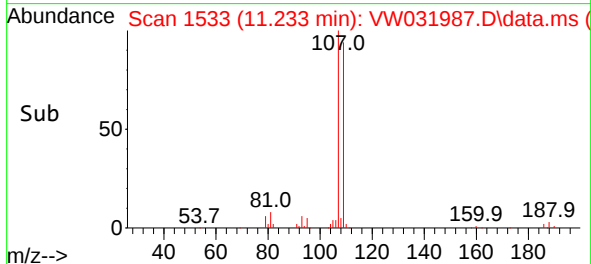
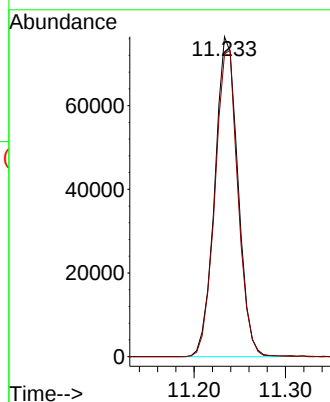
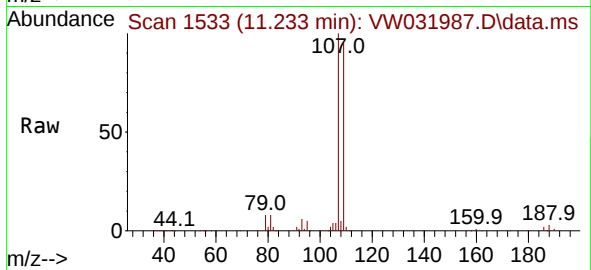




#61
1,2-Dibromoethane
Concen: 51.251 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

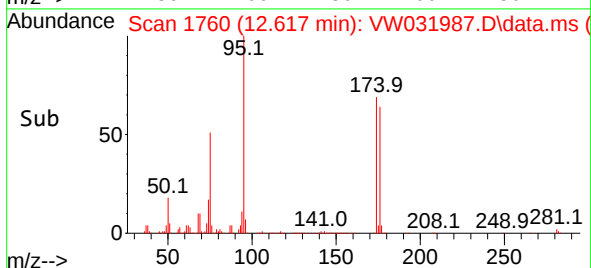
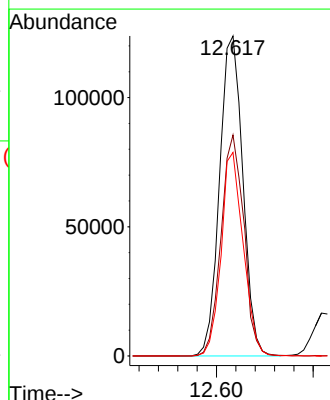
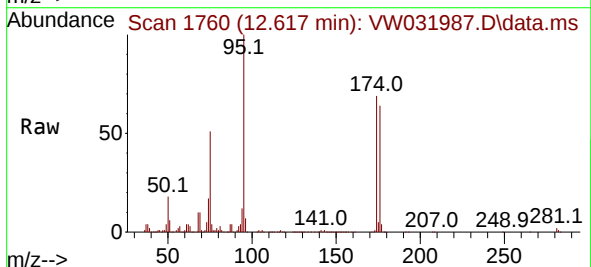
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

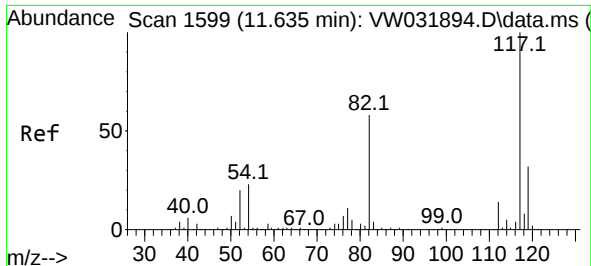
Tgt Ion:107 Resp: 134149
Ion Ratio Lower Upper
107 100
109 95.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.388 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 95 Resp: 206626
Ion Ratio Lower Upper
95 100
174 67.6 0.0 129.8
176 60.5 0.0 130.4

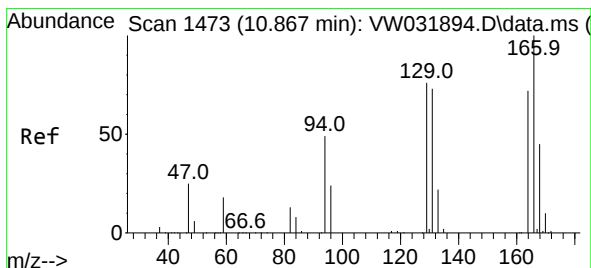
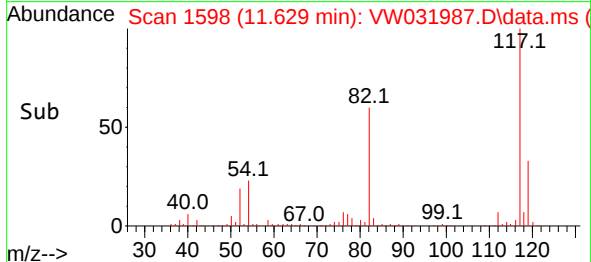
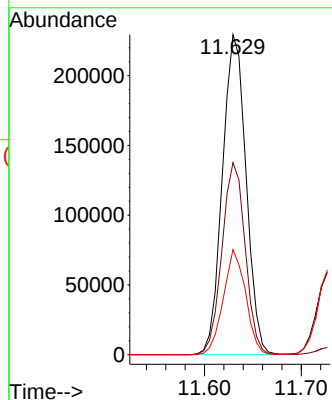
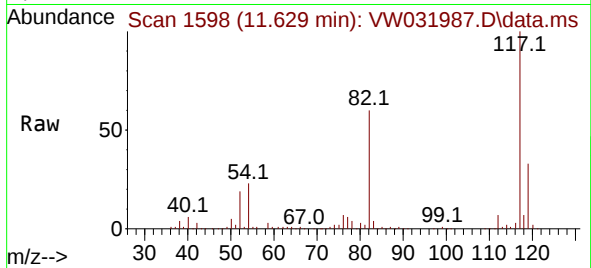




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

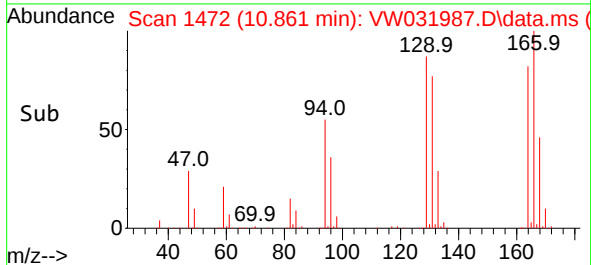
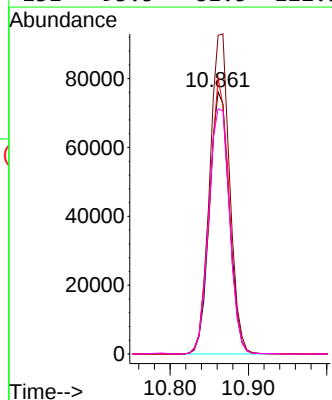
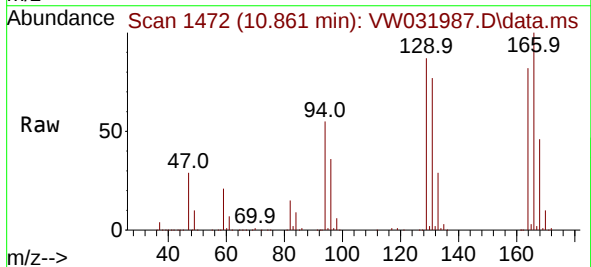
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 389959
Ion Ratio Lower Upper
117 100
82 60.0 46.5 69.7
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 52.168 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion:164 Resp: 134128
Ion Ratio Lower Upper
164 100
166 121.6 111.5 167.3
129 105.2 85.1 127.7
131 93.5 81.5 122.3





#65

Chlorobenzene

Concen: 49.985 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

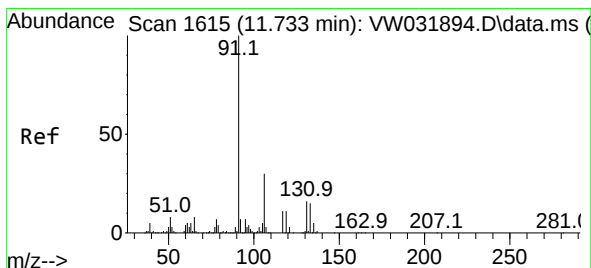
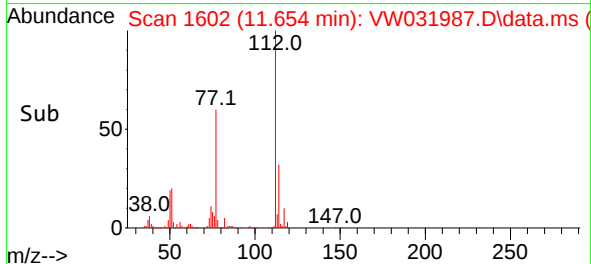
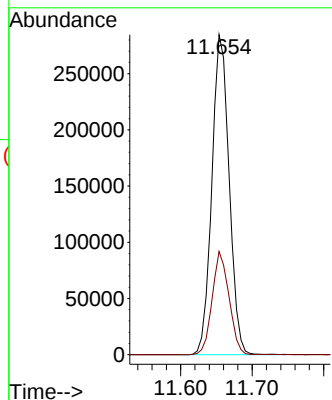
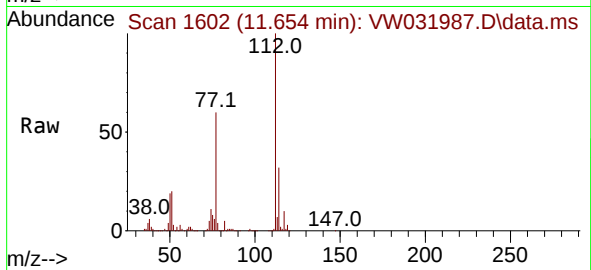
VSTDCCC050

Tgt Ion:112 Resp: 477060

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 51.860 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

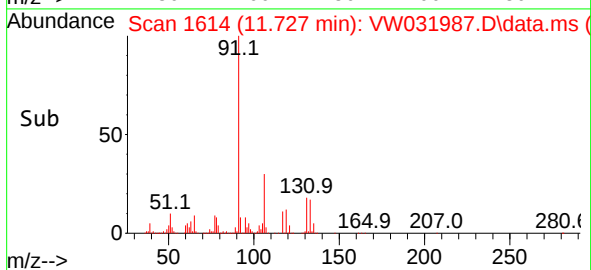
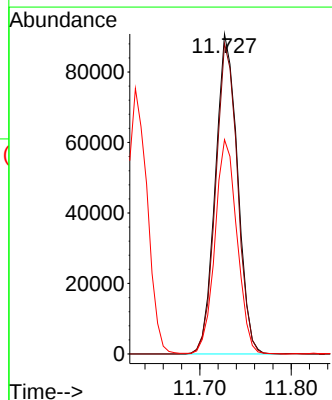
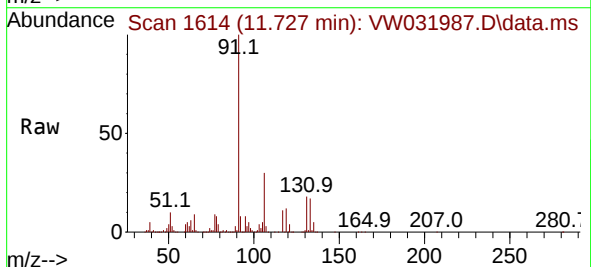
Tgt Ion:131 Resp: 153442

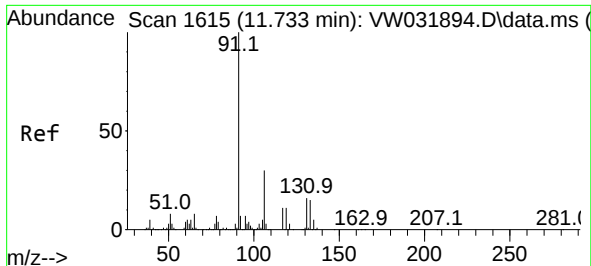
Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.4

119 66.5 33.7 101.1





#67

Ethyl Benzene

Concen: 50.298 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

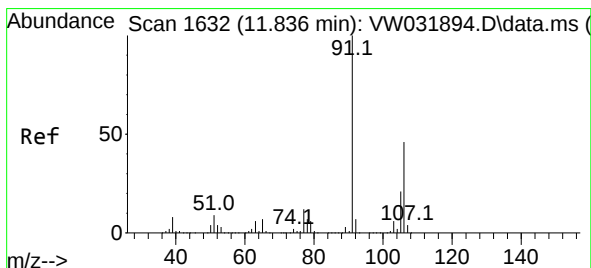
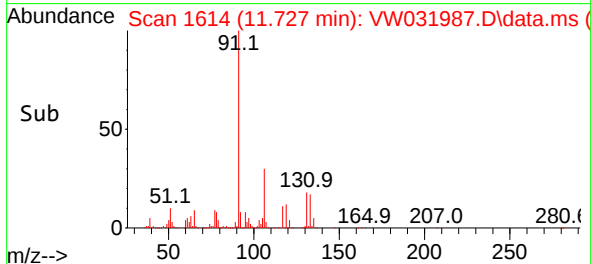
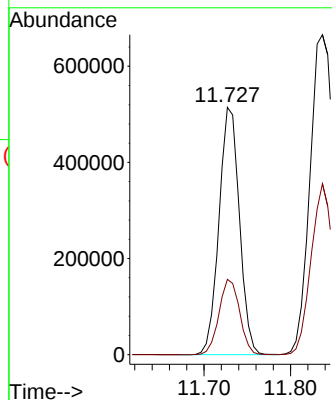
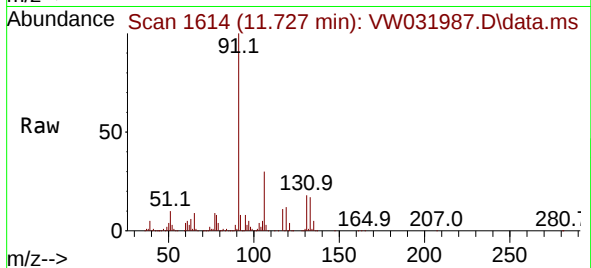
VSTDCCC050

Tgt Ion: 91 Resp: 843440

Ion Ratio Lower Upper

91 100

106 30.5 23.8 35.6



#68

m/p-Xylenes

Concen: 102.663 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031987.D

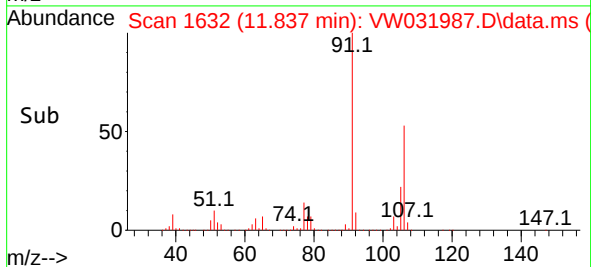
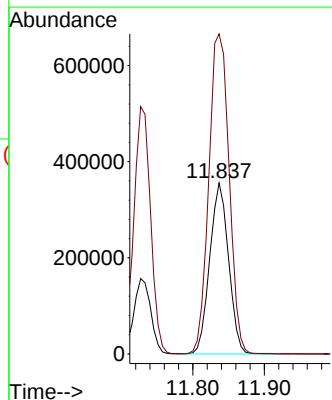
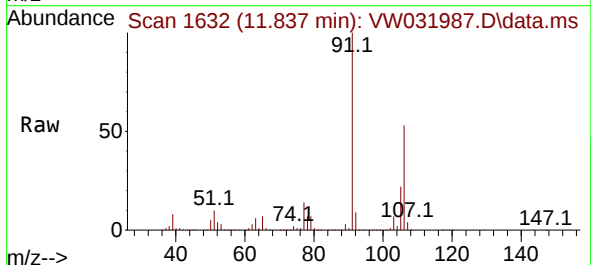
Acq: 04 Aug 2025 09:24

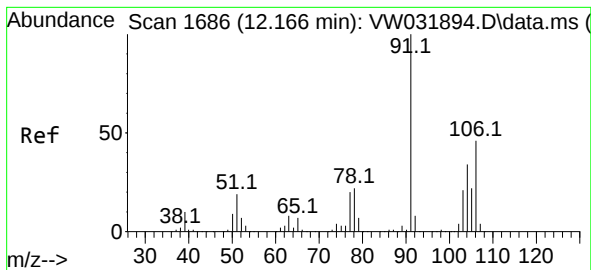
Tgt Ion:106 Resp: 648083

Ion Ratio Lower Upper

106 100

91 202.5 167.7 251.5





#69

o-Xylene

Concen: 51.699 ug/l

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

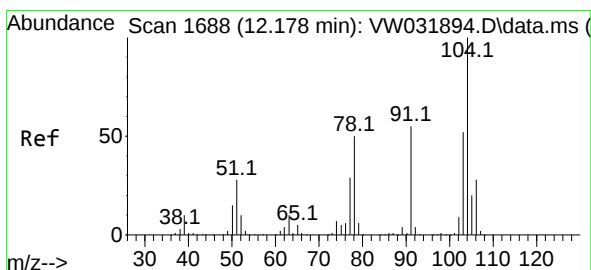
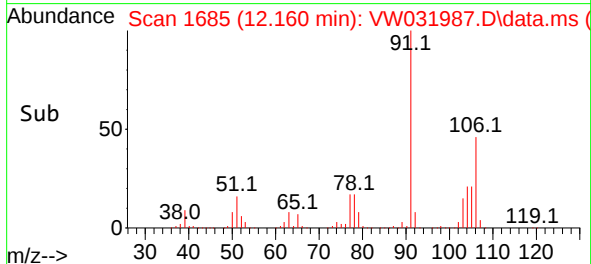
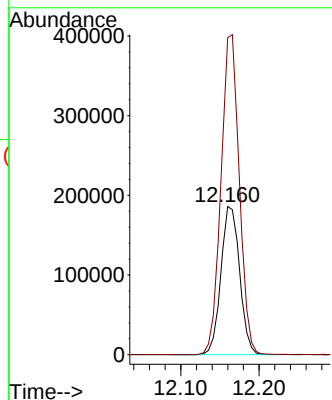
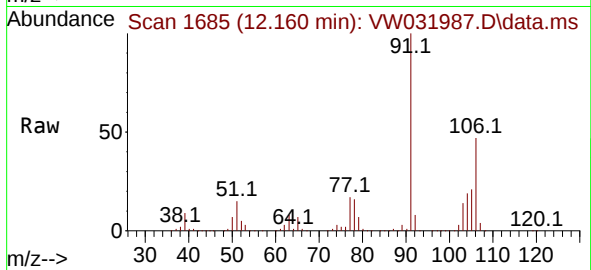
VSTDCCC050

Tgt Ion:106 Resp: 308857

Ion Ratio Lower Upper

106 100

91 212.2 108.2 324.6



#70

Styrene

Concen: 51.290 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

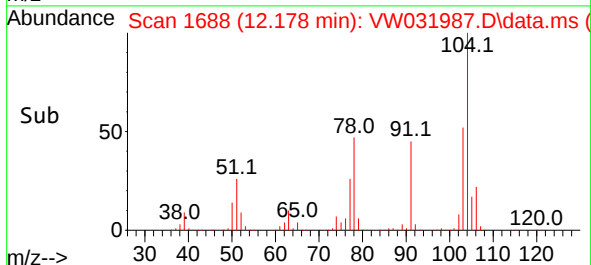
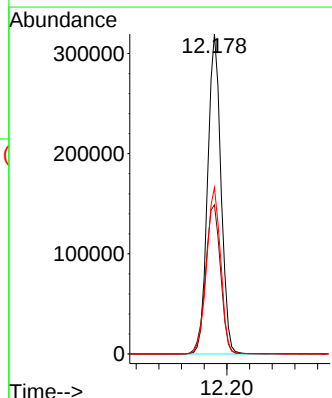
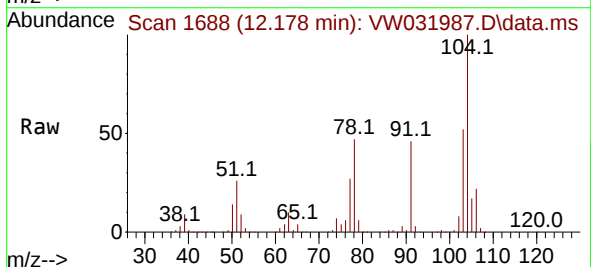
Tgt Ion:104 Resp: 521701

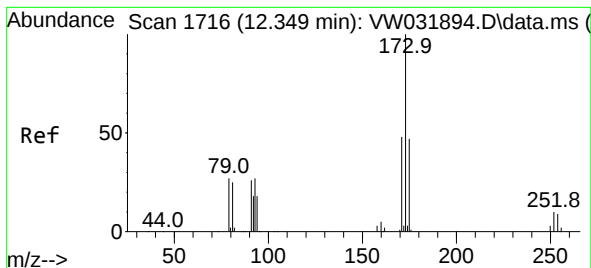
Ion Ratio Lower Upper

104 100

78 52.6 42.2 63.4

103 55.1 42.8 64.2





#71

Bromoform

Concen: 54.531 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

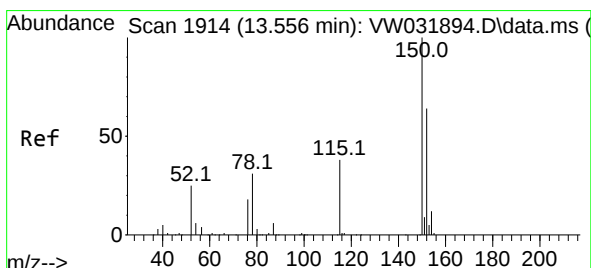
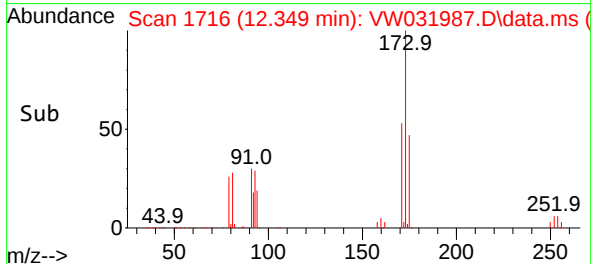
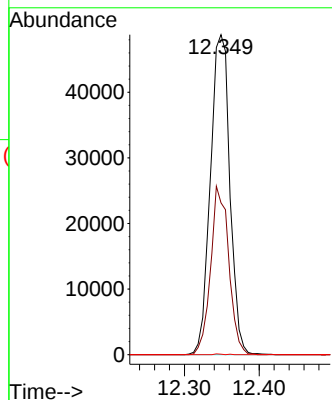
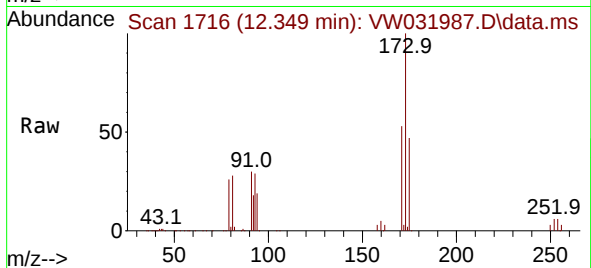
Tgt Ion:173 Resp: 88239

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

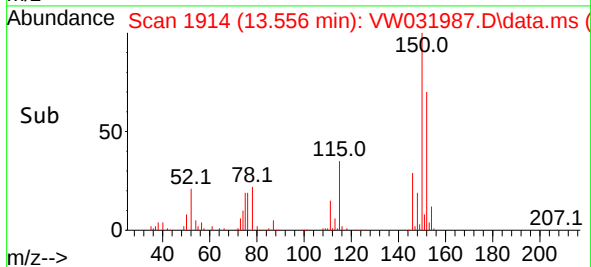
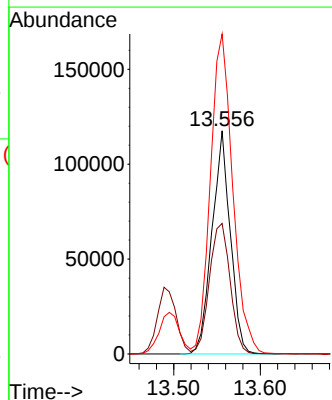
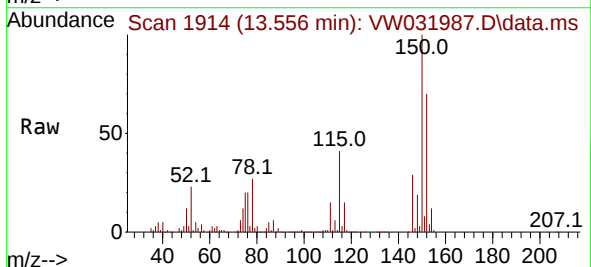
Tgt Ion:152 Resp: 173087

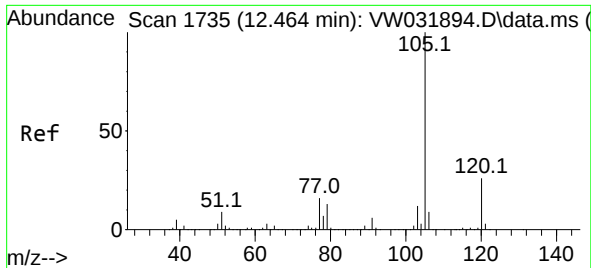
Ion Ratio Lower Upper

152 100

115 66.2 33.4 100.1

150 173.6 0.0 352.2

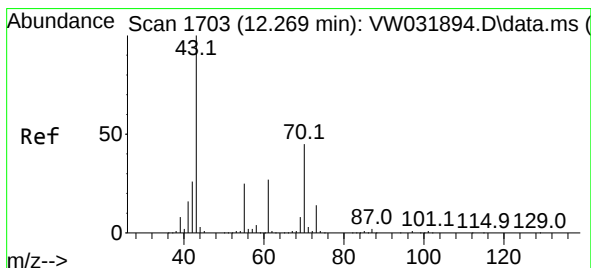
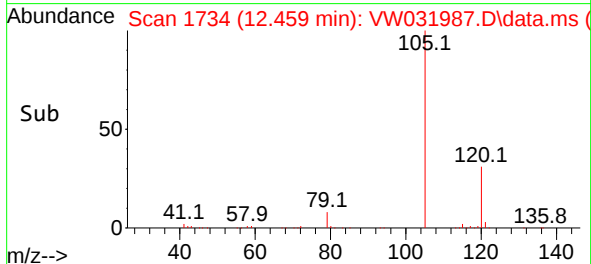
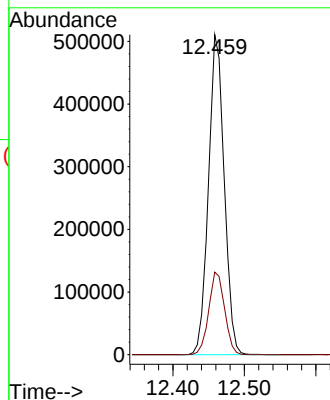
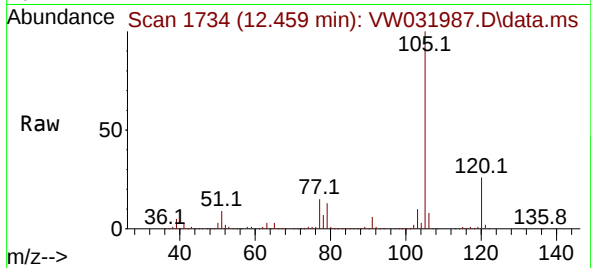




#73
Isopropylbenzene
Concen: 51.943 ug/l
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

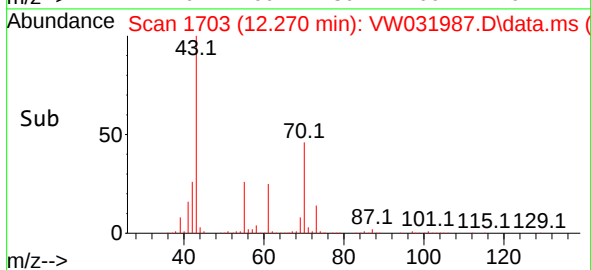
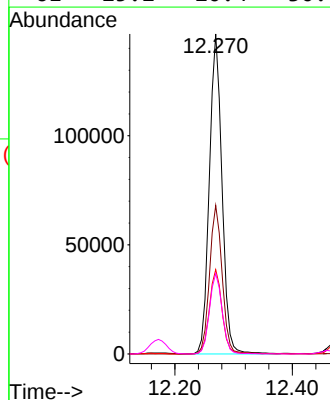
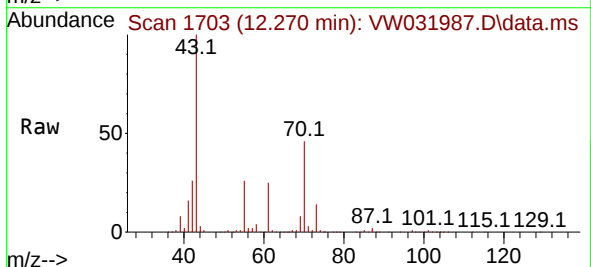
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

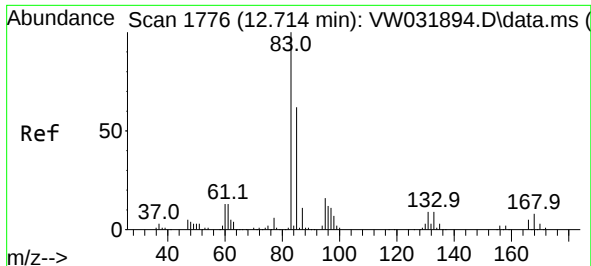
Tgt Ion:105 Resp: 780087
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.8



#74
N-ethyl acetate
Concen: 54.105 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 43 Resp: 219672
Ion Ratio Lower Upper
43 100
70 46.3 36.6 55.0
55 26.6 20.7 31.1
61 25.2 20.4 30.6

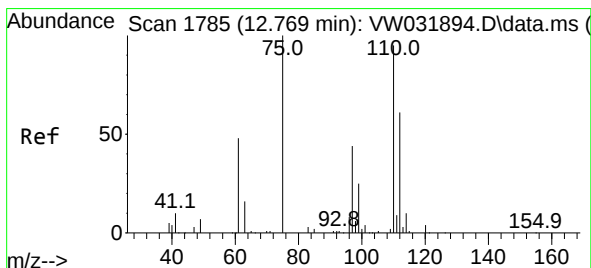
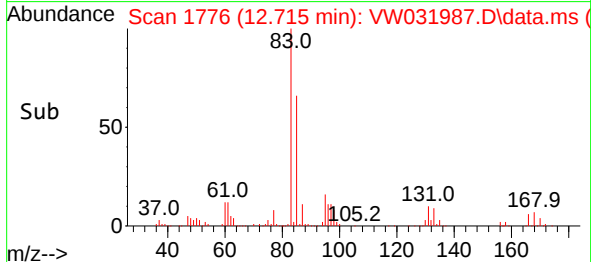
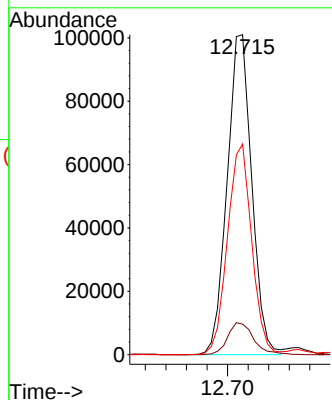
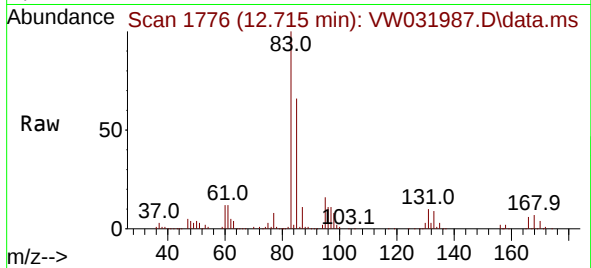




#75
1,1,2,2-Tetrachloroethane
Concen: 52.808 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

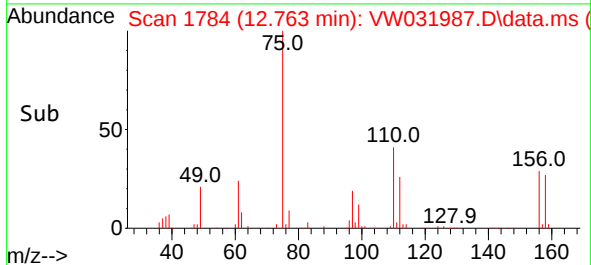
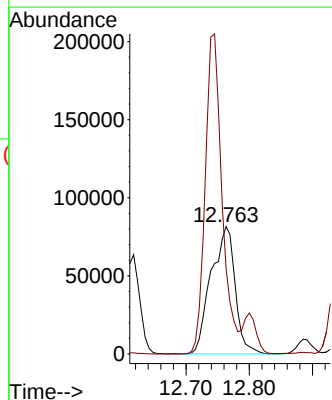
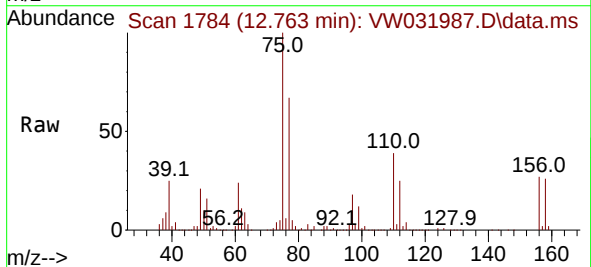
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

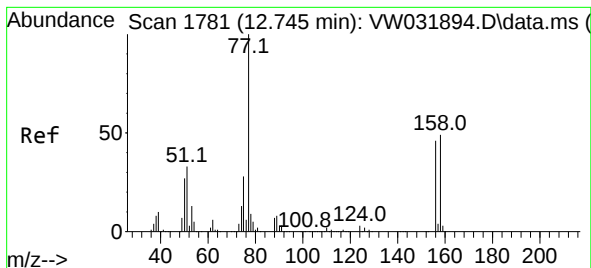
Tgt Ion: 83 Resp: 168340
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 64.9 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 90.251 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 75 Resp: 215676
Ion Ratio Lower Upper
75 100
77 175.6 0.0 0.0#





#77

Bromobenzene

Concen: 53.039 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

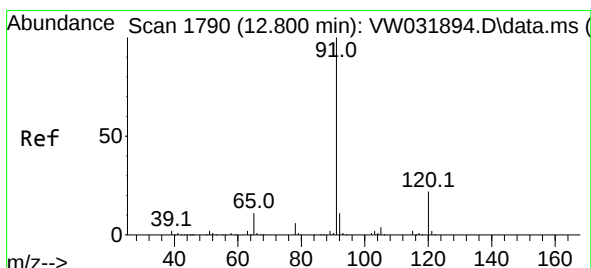
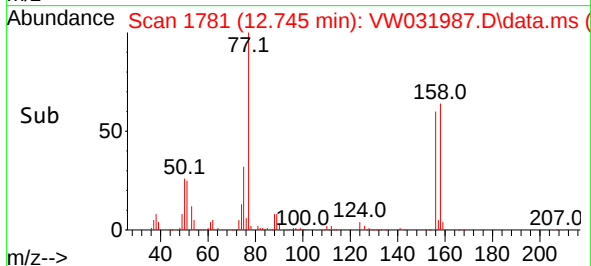
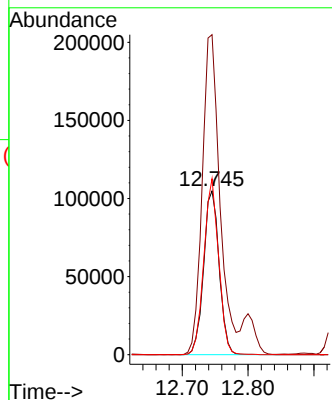
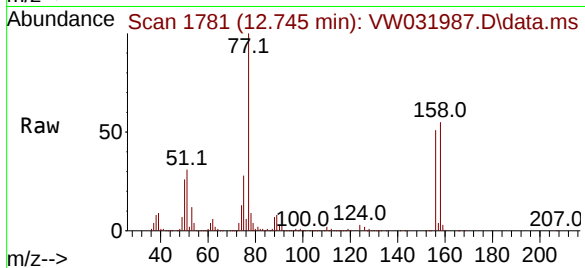
Tgt Ion:156 Resp: 172345

Ion Ratio Lower Upper

156 100

77 219.7 115.3 345.8

158 102.4 50.1 150.3



#78

n-propylbenzene

Concen: 52.475 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031987.D

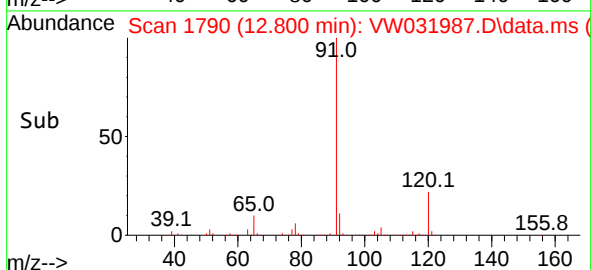
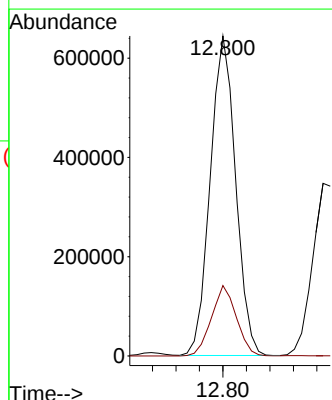
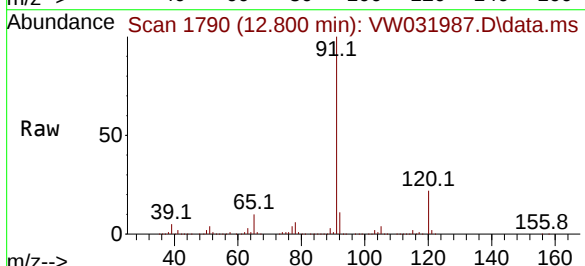
Acq: 04 Aug 2025 09:24

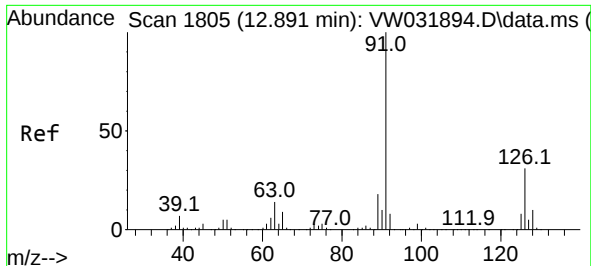
Tgt Ion: 91 Resp: 967893

Ion Ratio Lower Upper

91 100

120 21.6 10.9 32.6

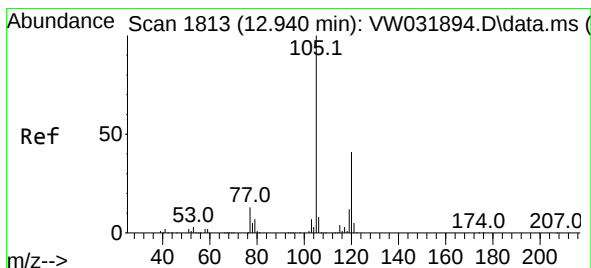
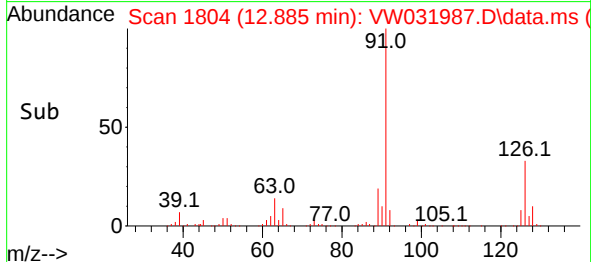
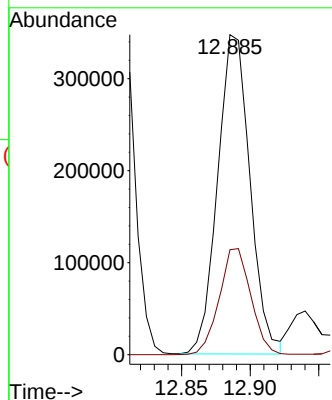
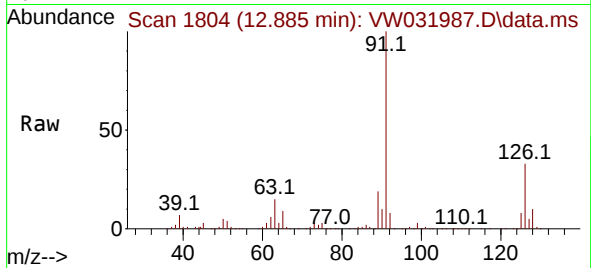




#79
2-Chlorotoluene
Concen: 51.882 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

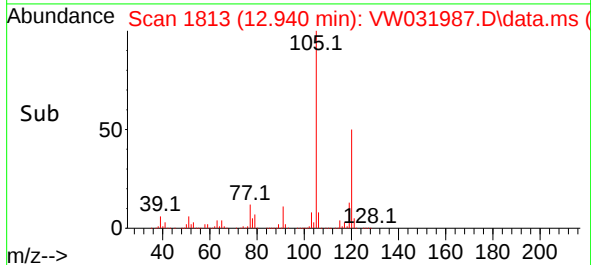
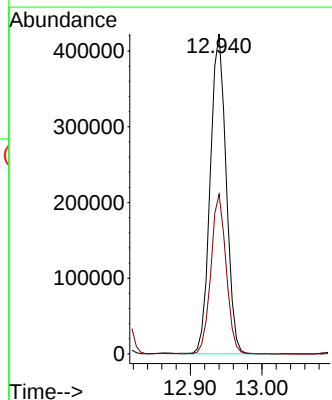
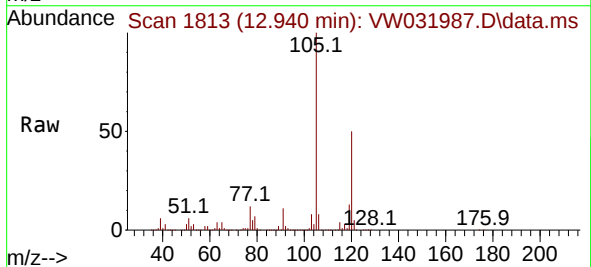
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

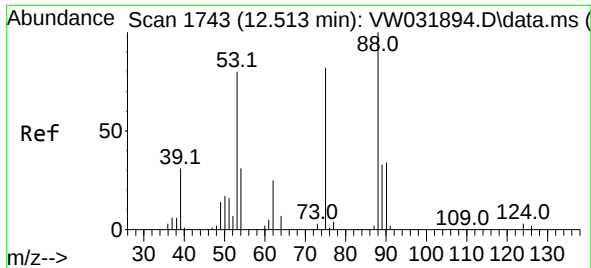
Tgt Ion: 91 Resp: 571368
Ion Ratio Lower Upper
91 100
126 32.4 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 51.678 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 105 Resp: 650913
Ion Ratio Lower Upper
105 100
120 48.0 23.5 70.5

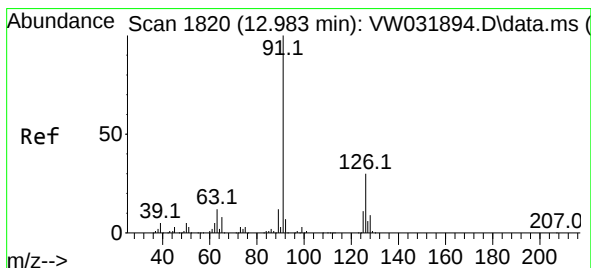
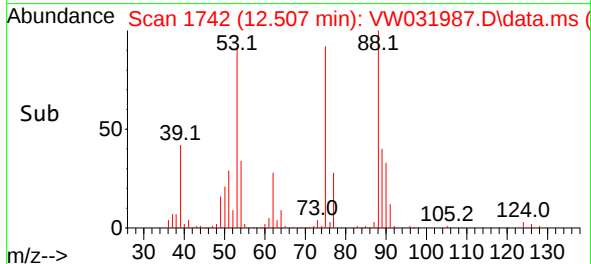
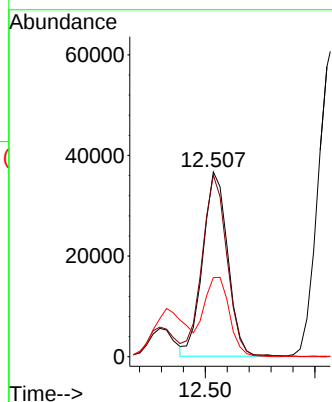
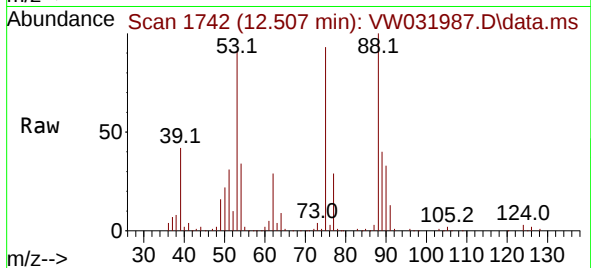




#81
trans-1,4-Dichloro-2-butene
Concen: 55.779 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

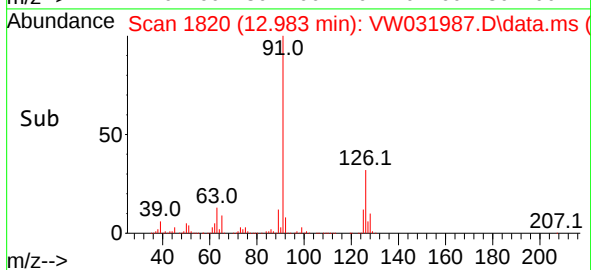
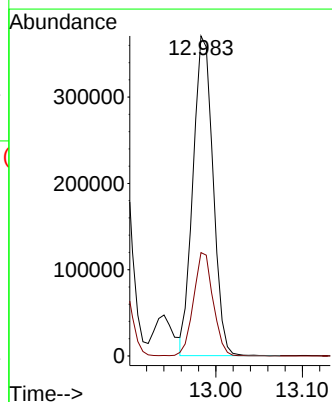
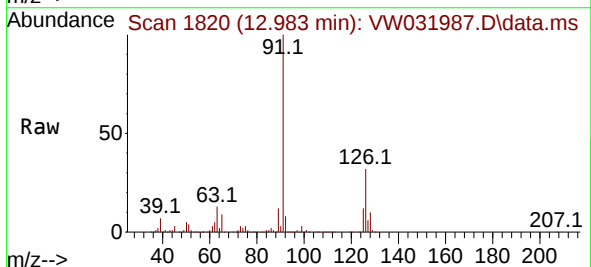
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

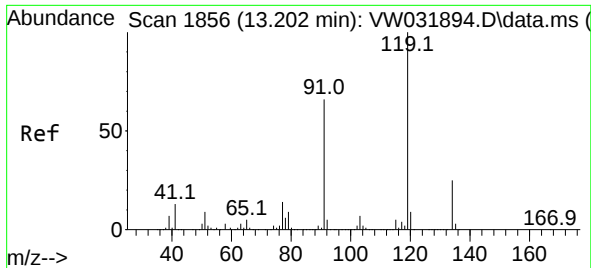
Tgt Ion:	75	Resp:	57736
Ion	Ratio	Lower	Upper
75	100		
53	99.3	83.7	125.5
89	44.4	39.0	58.6



#82
4-Chlorotoluene
Concen: 51.476 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion:	91	Resp:	594724
Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.8	47.3

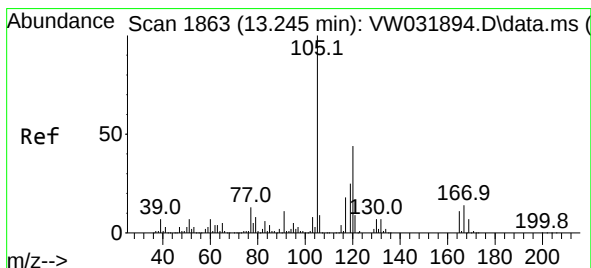
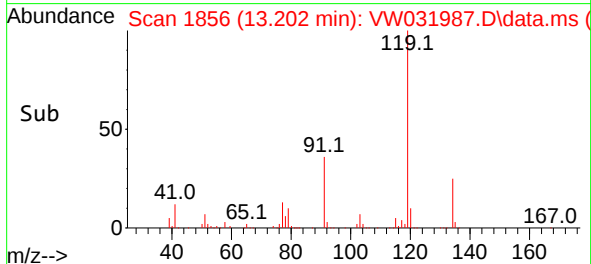
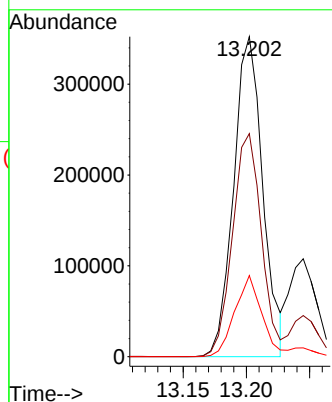
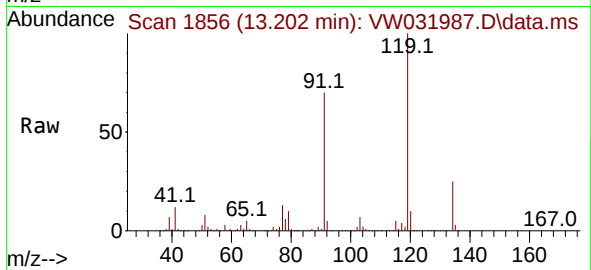




#83
 tert-Butylbenzene
 Concen: 52.740 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW031987.D
 Acq: 04 Aug 2025 09:24

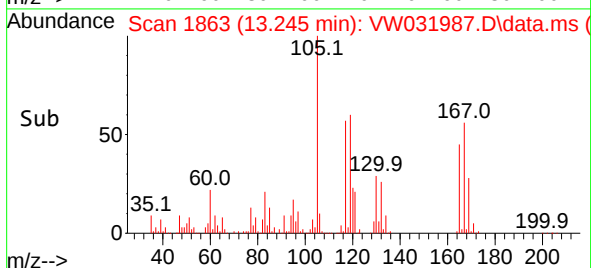
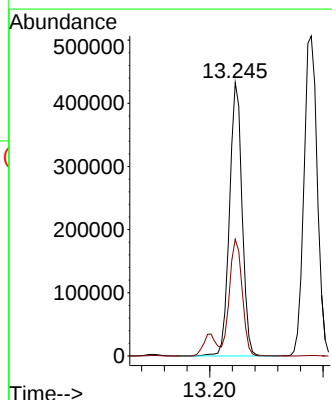
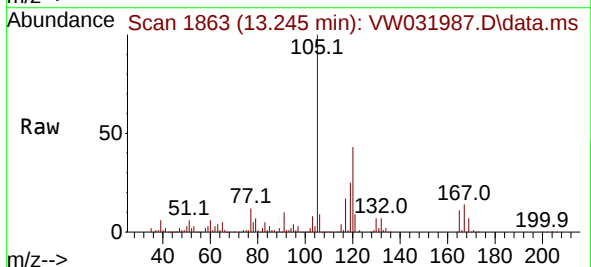
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

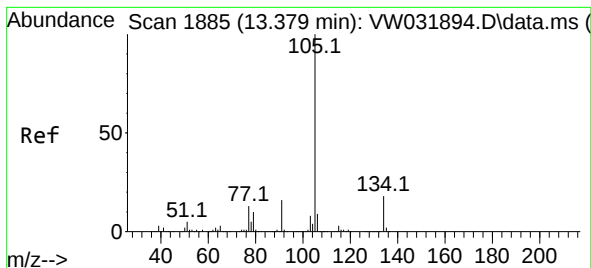
Tgt Ion:119 Resp: 565841
 Ion Ratio Lower Upper
 119 100
 91 69.0 35.5 106.5
 134 23.7 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.028 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031987.D
 Acq: 04 Aug 2025 09:24

Tgt Ion:105 Resp: 663285
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.3 63.9





#85

sec-Butylbenzene

Concen: 51.273 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

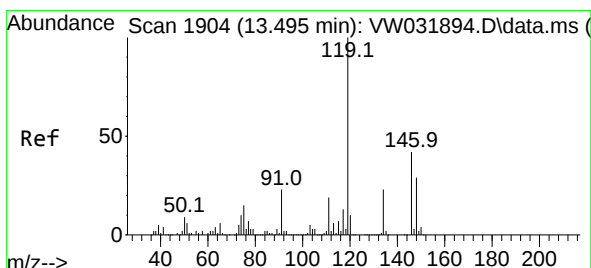
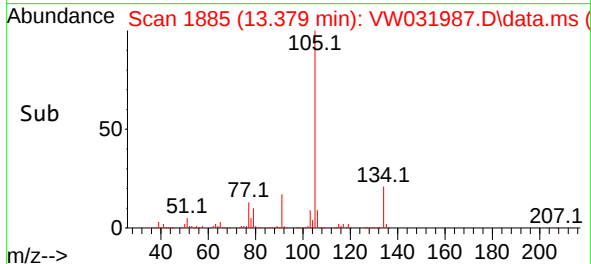
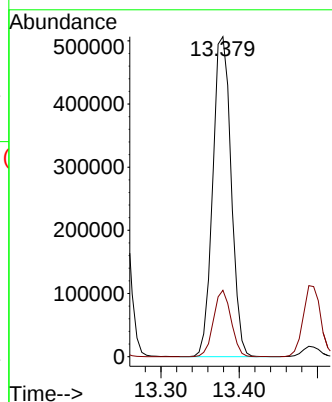
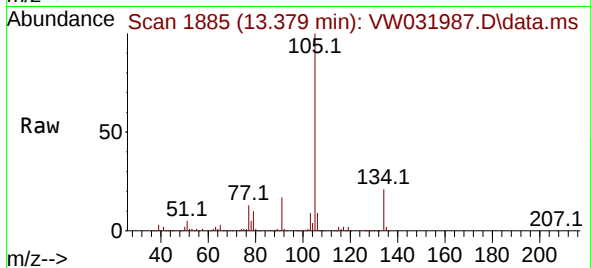
VSTDCCC050

Tgt Ion:105 Resp: 826119

Ion Ratio Lower Upper

105 100

134 19.9 9.2 27.6



#86

p-Isopropyltoluene

Concen: 50.226 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

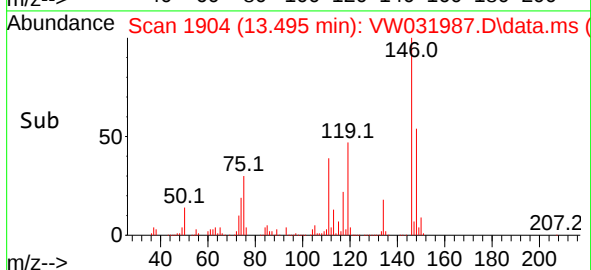
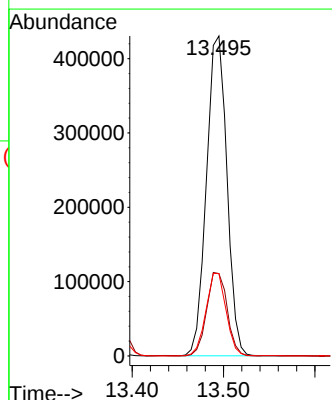
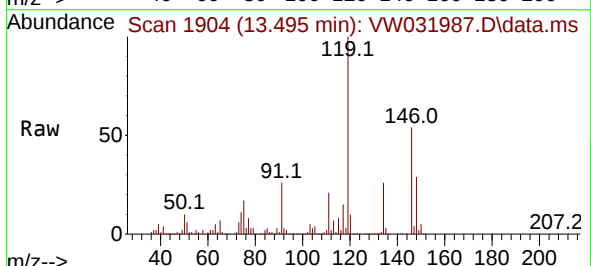
Tgt Ion:119 Resp: 668872

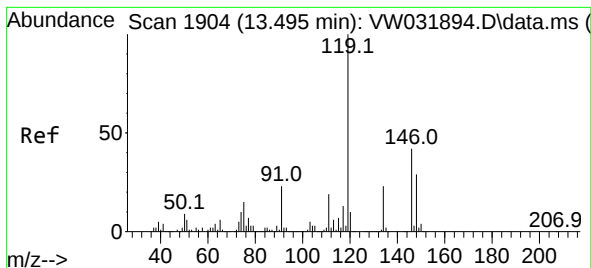
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 25.3 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 52.145 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

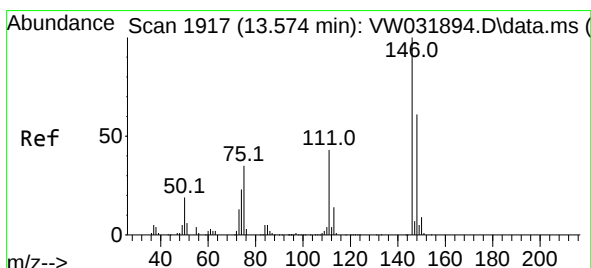
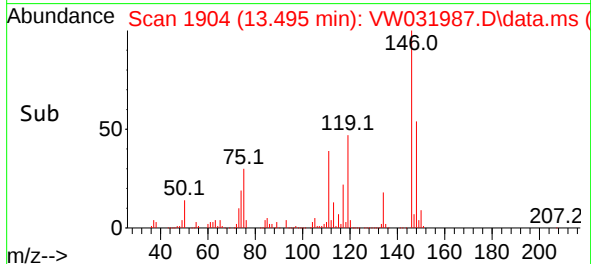
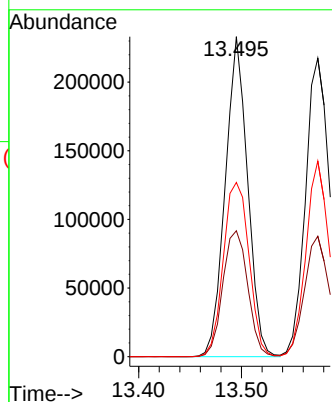
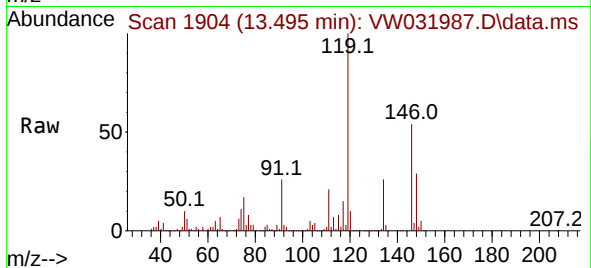
Tgt Ion:146 Resp: 352709

Ion Ratio Lower Upper

146 100

111 43.7 21.9 65.7

148 62.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.064 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

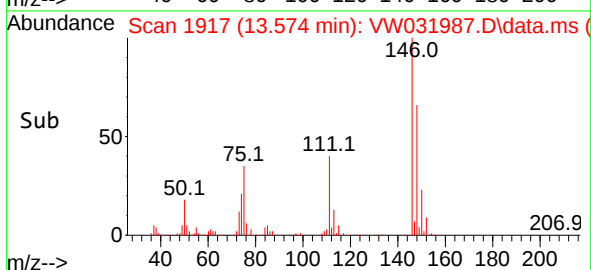
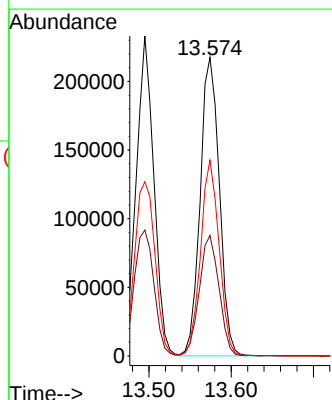
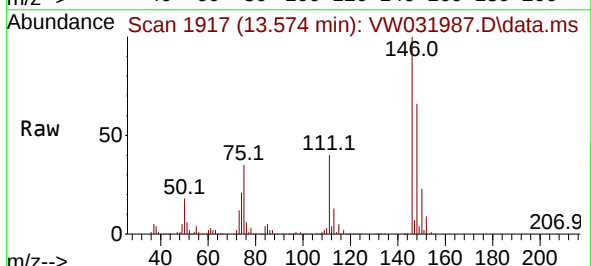
Tgt Ion:146 Resp: 351606

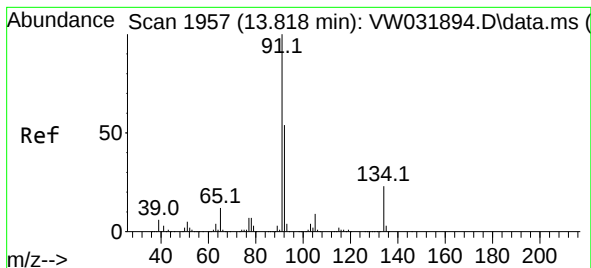
Ion Ratio Lower Upper

146 100

111 41.5 22.1 66.3

148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 52.053 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

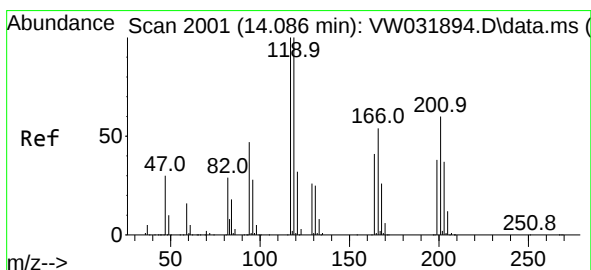
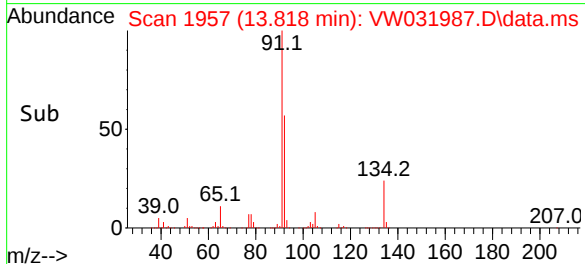
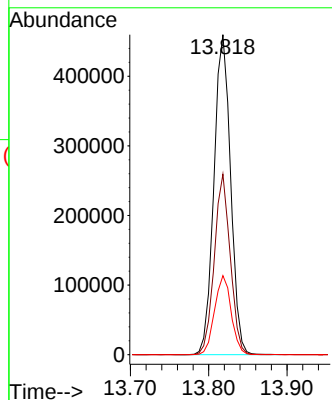
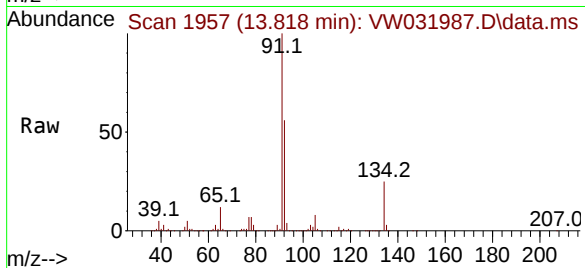
Tgt Ion: 91 Resp: 680026

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.5

134 24.6 11.6 34.7



#90

Hexachloroethane

Concen: 53.146 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031987.D

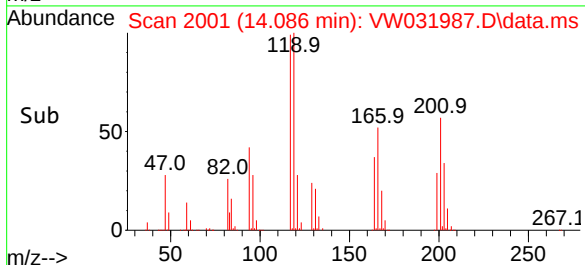
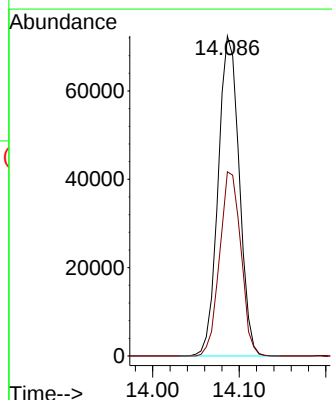
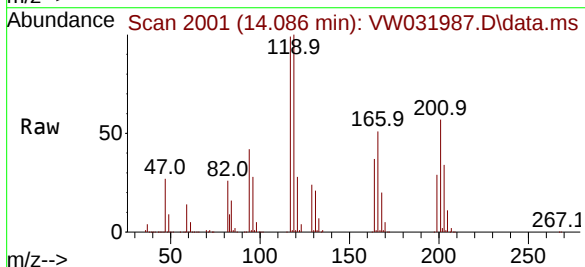
Acq: 04 Aug 2025 09:24

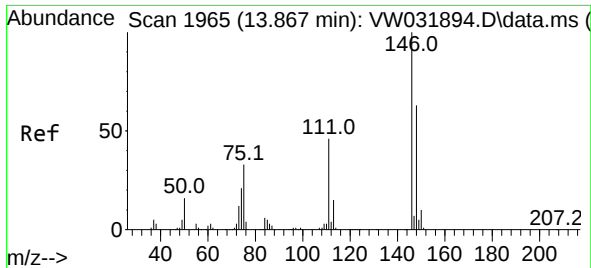
Tgt Ion: 117 Resp: 122385

Ion Ratio Lower Upper

117 100

201 58.1 28.4 85.2

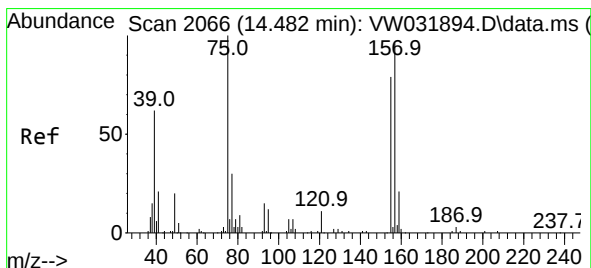
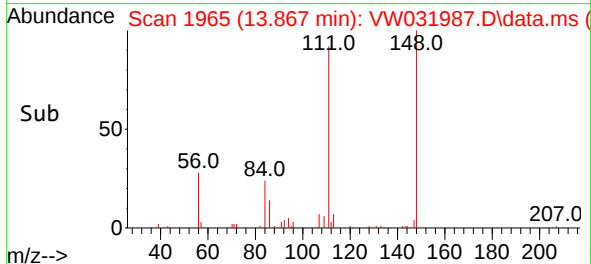
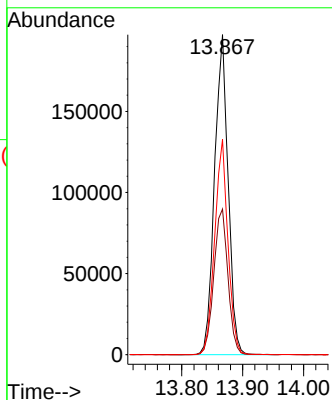
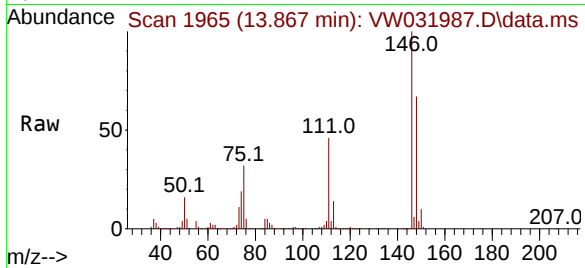




#91
1,2-Dichlorobenzene
Concen: 50.911 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

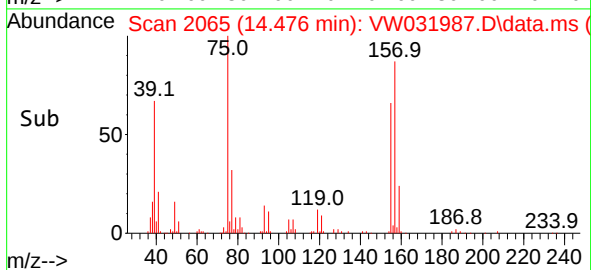
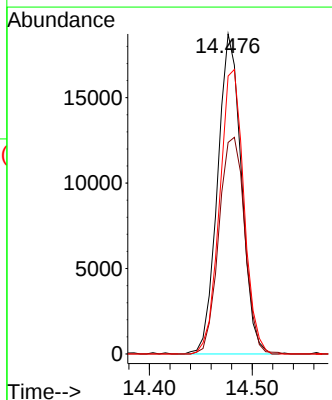
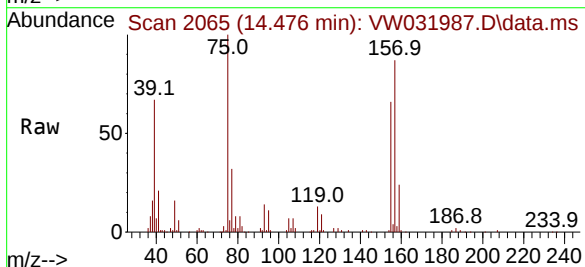
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

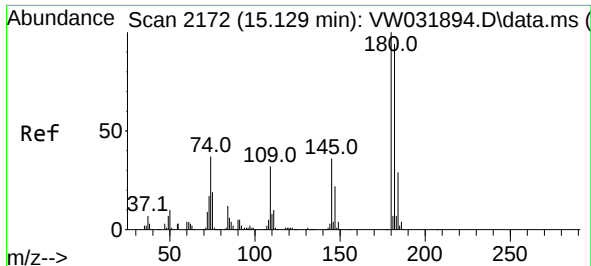
Tgt Ion:146 Resp: 305187
Ion Ratio Lower Upper
146 100
111 47.4 23.6 71.0
148 65.6 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.255 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion: 75 Resp: 30095
Ion Ratio Lower Upper
75 100
155 73.6 35.9 107.7
157 90.3 47.4 142.2

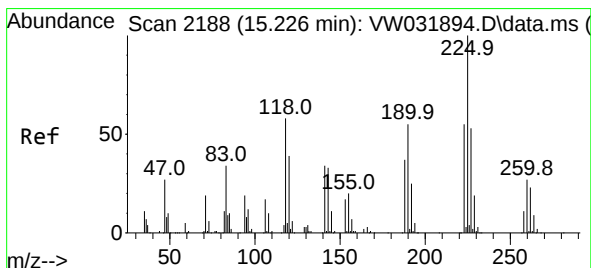
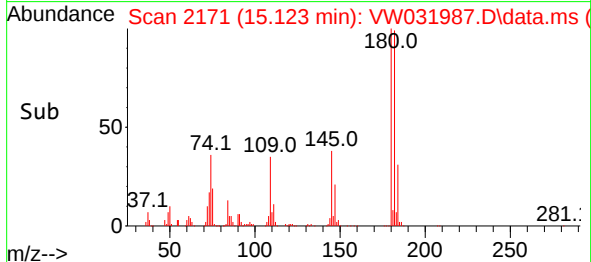
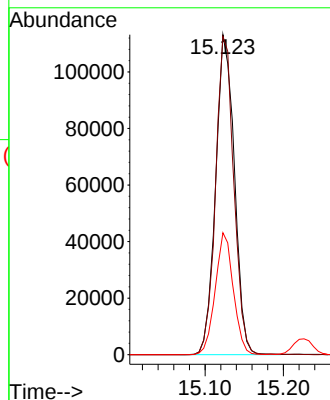
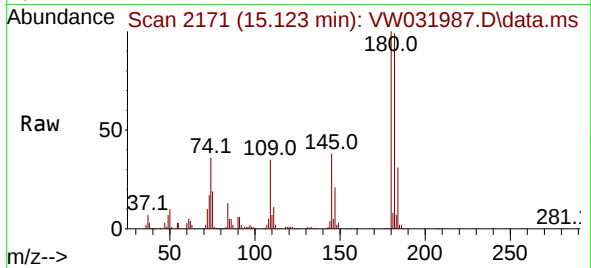




#93
1,2,4-Trichlorobenzene
Concen: 51.994 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

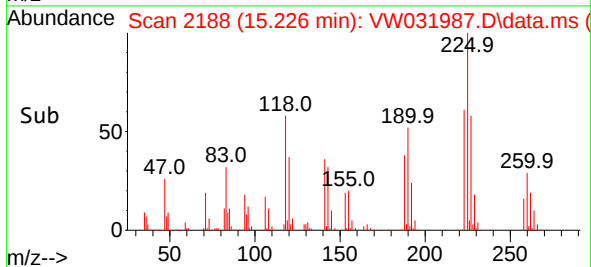
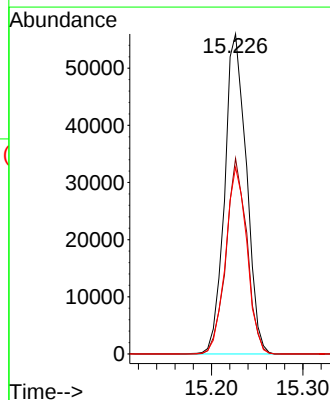
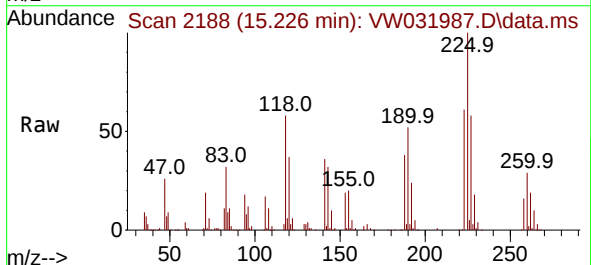
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

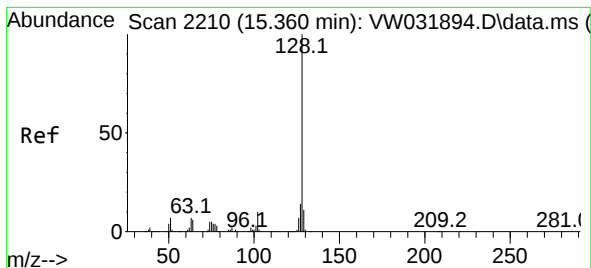
Tgt Ion:180 Resp: 187968
Ion Ratio Lower Upper
180 100
182 97.1 51.0 153.1
145 36.8 18.4 55.4



#94
Hexachlorobutadiene
Concen: 54.030 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031987.D
Acq: 04 Aug 2025 09:24

Tgt Ion:225 Resp: 92557
Ion Ratio Lower Upper
225 100
223 58.5 30.9 92.7
227 57.4 30.0 90.1





#95

Naphthalene

Concen: 53.533 ug/l

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

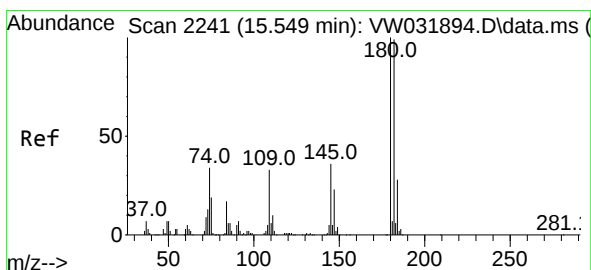
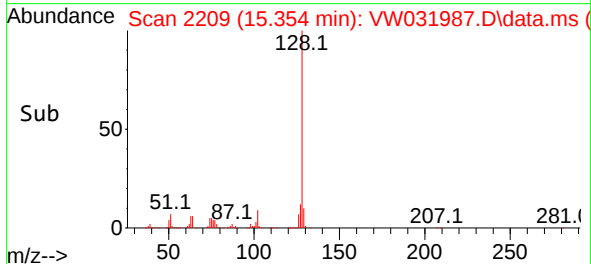
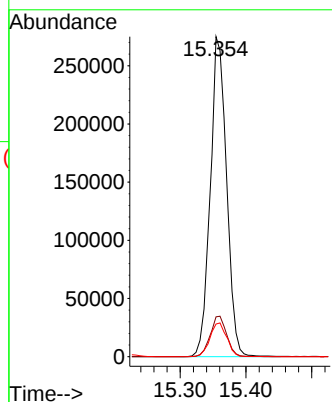
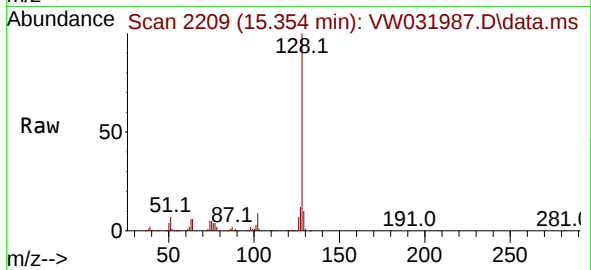
Tgt Ion:128 Resp: 475796

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 11.0 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 52.703 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031987.D

Acq: 04 Aug 2025 09:24

Tgt Ion:180 Resp: 172628

Ion Ratio Lower Upper

180 100

182 96.2 50.4 151.2

145 36.3 18.6 55.8

