

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
 Data File : VW031939.D
 Acq On : 28 Jul 2025 11:03
 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: Jul 29 01:16:57 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	7.953	168	212547	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.849	114	405024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	351048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	176354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	155876	48.480	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	96.960%
35) Dibromofluoromethane	7.898	113	129279	46.973	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.940%
50) Toluene-d8	10.325	98	480384	46.119	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.240%
62) 4-Bromofluorobenzene	12.617	95	191319	47.834	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.660%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	74121	46.921	ug/l	99
3) Chloromethane	2.253	50	92805	45.772	ug/l	99
4) Vinyl Chloride	2.405	62	133198	50.572	ug/l	99
5) Bromomethane	2.826	94	94986	48.975	ug/l	97
6) Chloroethane	2.972	64	88568	50.950	ug/l	99
7) Trichlorofluoromethane	3.302	101	110266	41.334	ug/l	96
8) Diethyl Ether	3.716	74	87286	48.982	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	131127	51.103	ug/l	99
10) Methyl Iodide	4.307	142	187610	48.902	ug/l	100
11) Tert butyl alcohol	5.222	59	54393	287.795	ug/l	100
12) 1,1-Dichloroethene	4.076	96	144641	51.036	ug/l	91
13) Acrolein	3.923	56	35201	130.097	ug/l	93
14) Allyl chloride	4.704	41	227344	51.530	ug/l	99
15) Acrylonitrile	5.399	53	215262	270.198	ug/l	99
16) Acetone	4.161	43	200328	262.562	ug/l	99
17) Carbon Disulfide	4.417	76	370630	50.424	ug/l	99
18) Methyl Acetate	4.704	43	124315	59.140	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	272908	55.731	ug/l	96
20) Methylene Chloride	4.948	84	156408	47.719	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	153943	51.195	ug/l	94
22) Diisopropyl ether	6.338	45	455922	51.644	ug/l	98
23) Vinyl Acetate	6.277	43	1528850	265.075	ug/l	99
24) 1,1-Dichloroethane	6.240	63	285694	51.977	ug/l	99
25) 2-Butanone	7.191	43	291504	279.240	ug/l	96
26) 2,2-Dichloropropane	7.185	77	161610	51.934	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	183460	51.896	ug/l	98
28) Bromochloromethane	7.526	49	115483	50.180	ug/l	96
29) Tetrahydrofuran	7.551	42	190005	277.613	ug/l	100
30) Chloroform	7.691	83	299375	51.947	ug/l	98
31) Cyclohexane	7.971	56	241637	49.002	ug/l	100
32) 1,1,1-Trichloroethane	7.886	97	232870	53.100	ug/l	97
36) 1,1-Dichloropropene	8.093	75	212697	50.324	ug/l	99
37) Ethyl Acetate	7.270	43	123258	51.121	ug/l	99
38) Carbon Tetrachloride	8.081	117	205049	50.550	ug/l	98
39) Methylcyclohexane	9.343	83	273532	51.425	ug/l	95
40) Benzene	8.331	78	637083	50.920	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
 Data File : VW031939.D
 Acq On : 28 Jul 2025 11:03
 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: Jul 29 01:16:57 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)
41) Methacrylonitrile	7.496	41	71837	49.772	ug/l	94
42) 1,2-Dichloroethane	8.410	62	200554	50.085	ug/l	99
43) Isopropyl Acetate	8.435	43	228440	52.336	ug/l	99
44) Trichloroethene	9.099	130	154010	51.787	ug/l	98
45) 1,2-Dichloropropane	9.374	63	150390	49.910	ug/l	98
46) Dibromomethane	9.465	93	96408	51.614	ug/l	97
47) Bromodichloromethane	9.648	83	234287	52.308	ug/l	99
48) Methyl methacrylate	9.441	41	110697	53.307	ug/l	100
49) 1,4-Dioxane	9.459	88	22974	1232.638	ug/l #	88
51) 4-Methyl-2-Pentanone	10.209	43	644871	269.959	ug/l	100
52) Toluene	10.392	92	404341	50.273	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	225773	52.549	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	255607	52.095	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	129578	52.226	ug/l	93
56) Ethyl methacrylate	10.648	69	188119	53.685	ug/l	99
57) 1,3-Dichloropropane	10.934	76	221624	50.703	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	505235	280.703	ug/l	99
59) 2-Hexanone	10.965	43	456822	275.123	ug/l	100
60) Dibromochloromethane	11.129	129	148791	51.435	ug/l	97
61) 1,2-Dibromoethane	11.233	107	124813	50.910	ug/l	98
64) Tetrachloroethene	10.861	164	122468	52.913	ug/l	88
65) Chlorobenzene	11.660	112	441981	51.443	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	140646	52.804	ug/l	97
67) Ethyl Benzene	11.727	91	775615	51.380	ug/l	96
68) m/p-Xylenes	11.837	106	594540	104.620	ug/l	98
69) o-Xylene	12.160	106	278947	51.867	ug/l	100
70) Styrene	12.178	104	485601	53.033	ug/l	99
71) Bromoform	12.349	173	84781	58.201	ug/l #	92
73) Isopropylbenzene	12.458	105	721771	47.170	ug/l	99
74) N-amyl acetate	12.269	43	210223	50.819	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	157414	48.466	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	206489	84.806	ug/l #	100
77) Bromobenzene	12.745	156	156362	47.228	ug/l	97
78) n-propylbenzene	12.800	91	889266	47.319	ug/l	98
79) 2-Chlorotoluene	12.891	91	537798	47.929	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	611039	47.614	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	53861	51.071	ug/l	98
82) 4-Chlorotoluene	12.983	91	552715	46.954	ug/l	99
83) tert-Butylbenzene	13.202	119	534180	48.867	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	624473	48.076	ug/l	100
85) sec-Butylbenzene	13.379	105	778410	47.417	ug/l	99
86) p-Isopropyltoluene	13.495	119	645682	47.586	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	321371	46.632	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	315878	46.789	ug/l	100
89) n-Butylbenzene	13.818	91	634874	47.697	ug/l	98
90) Hexachloroethane	14.086	117	118000	50.292	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	284315	46.550	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	28285	48.203	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	177281	48.130	ug/l	95
94) Hexachlorobutadiene	15.226	225	83318	47.736	ug/l	97
95) Naphthalene	15.354	128	450052	49.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	159974	47.935	ug/l	94

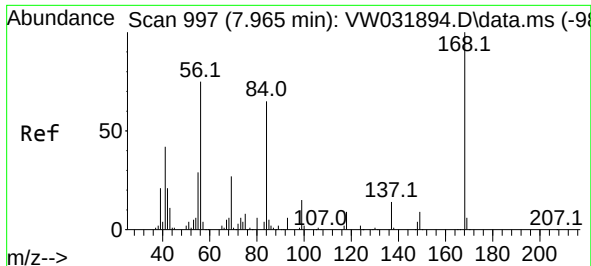
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
Data File : VW031939.D
Acq On : 28 Jul 2025 11:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jul 29 01:16:57 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)
----------	------	------	----------	------	-------	----------

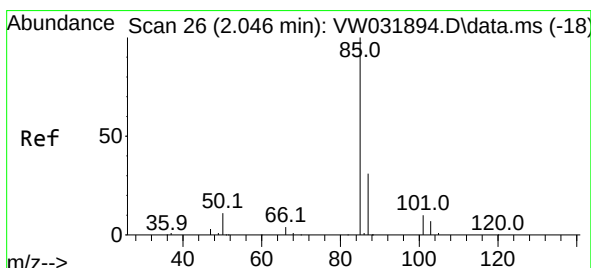
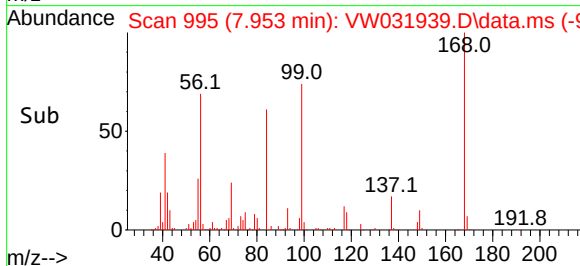
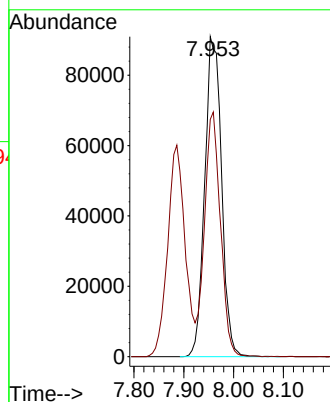
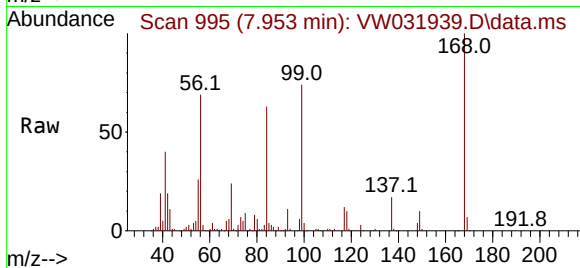
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

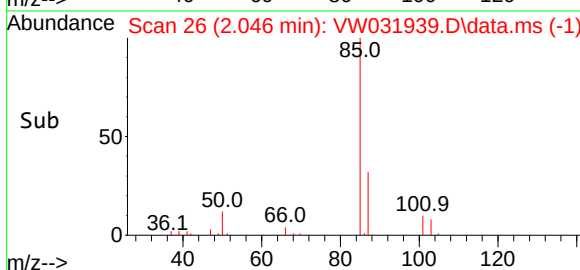
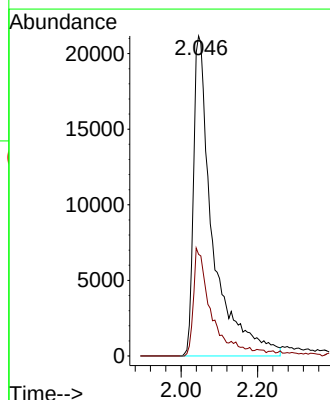
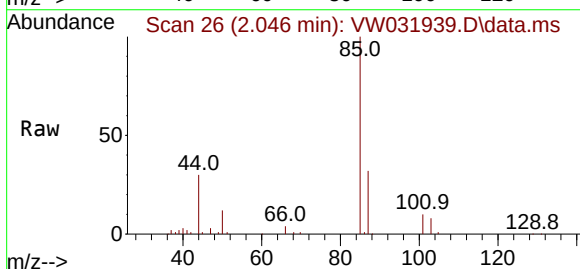
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

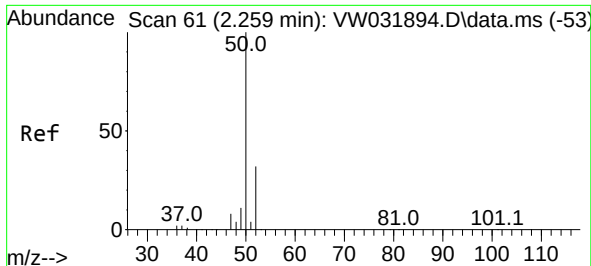
Tgt Ion:168 Resp: 212547
Ion Ratio Lower Upper
168 100
99 74.1 48.2 72.2#



#2
Dichlorodifluoromethane
Concen: 46.921 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 85 Resp: 74121
Ion Ratio Lower Upper
85 100
87 31.8 15.5 46.5

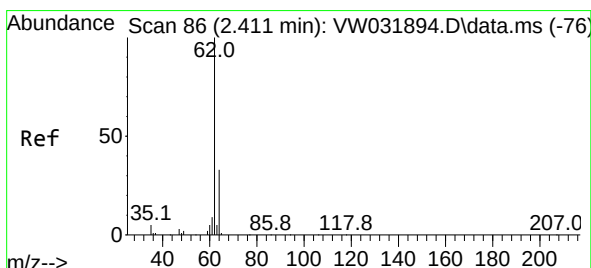
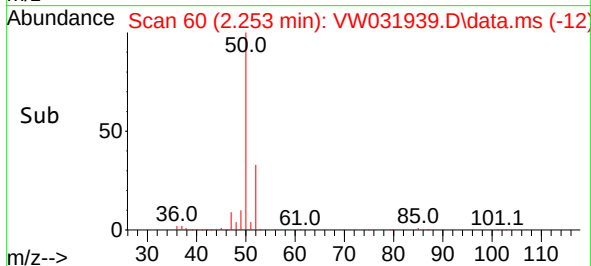
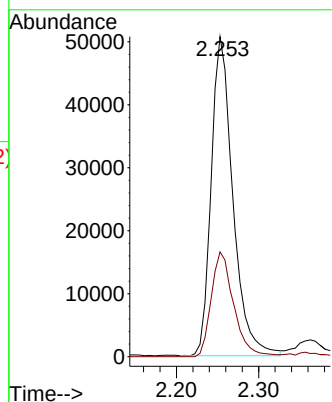
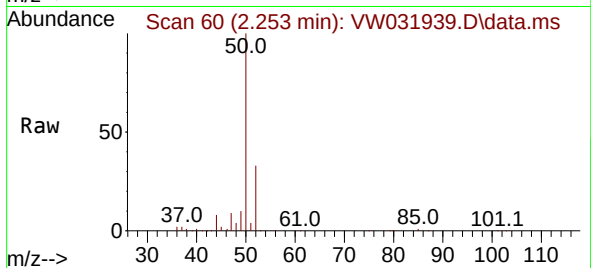




#3
Chloromethane
Concen: 45.772 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

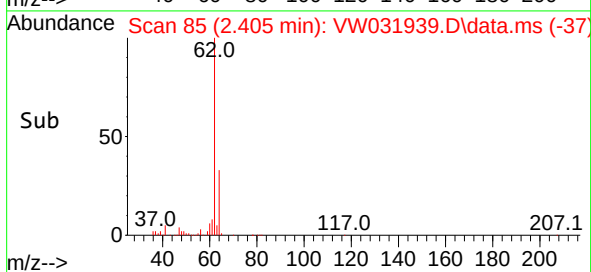
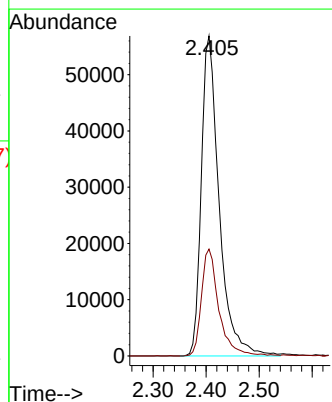
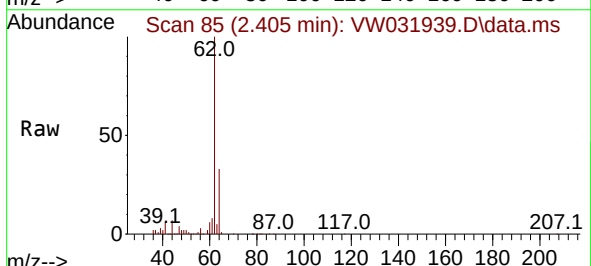
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

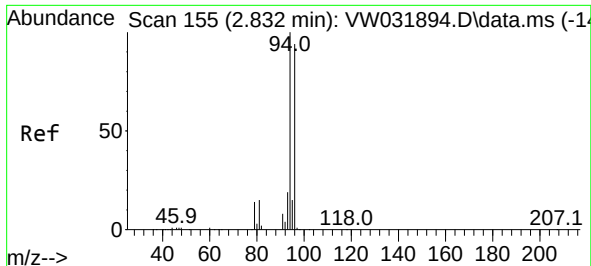
Tgt Ion: 50 Resp: 92805
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 50.572 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 62 Resp: 133198
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.2

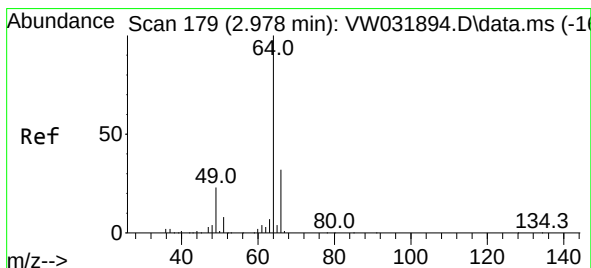
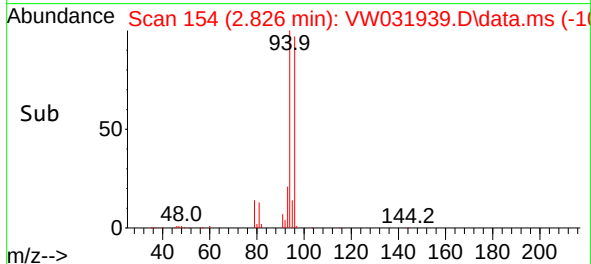
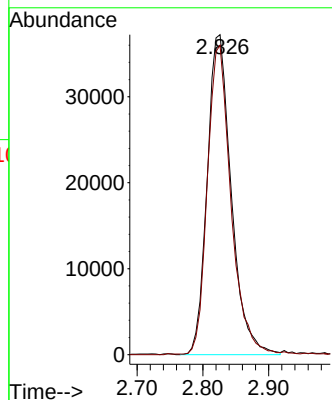
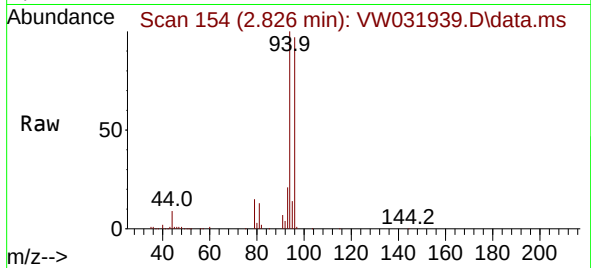




#5
Bromomethane
Concen: 48.975 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

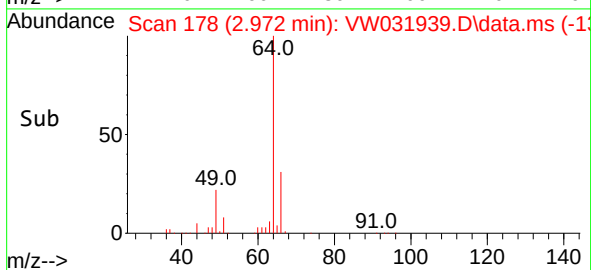
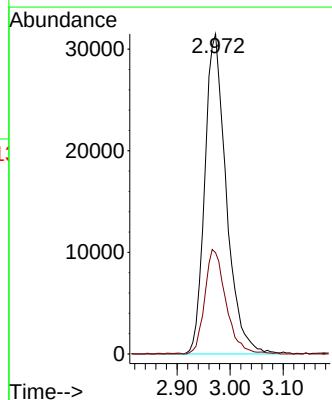
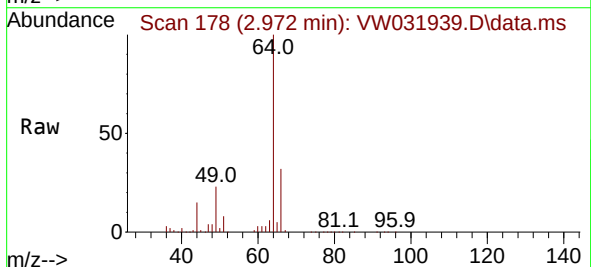
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

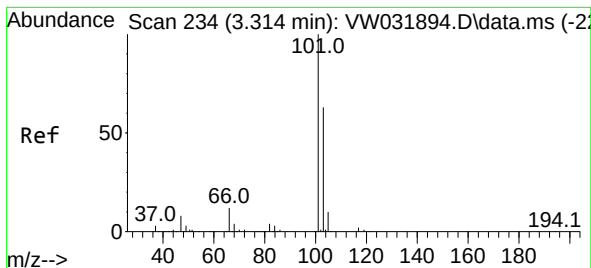
Tgt Ion: 94 Resp: 94986
Ion Ratio Lower Upper
94 100
96 96.5 75.0 112.6



#6
Chloroethane
Concen: 50.950 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 64 Resp: 88568
Ion Ratio Lower Upper
64 100
66 31.6 25.6 38.4





#7

Trichlorofluoromethane

Concen: 41.334 ug/l

RT: 3.302 min Scan# 21

Delta R.T. -0.012 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

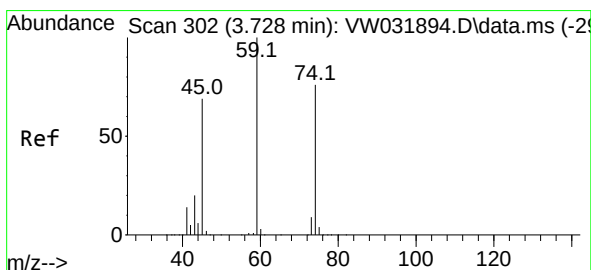
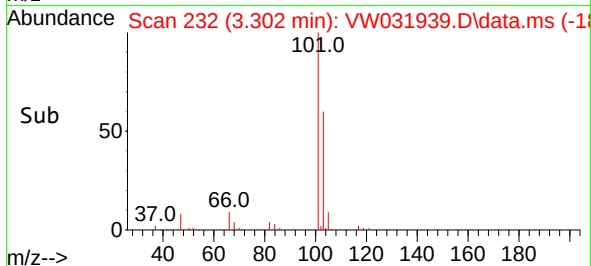
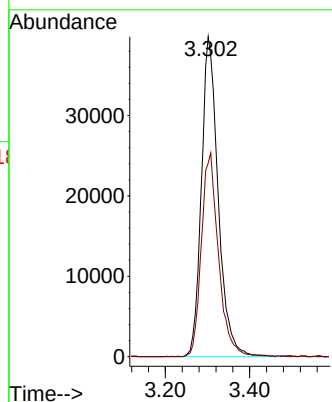
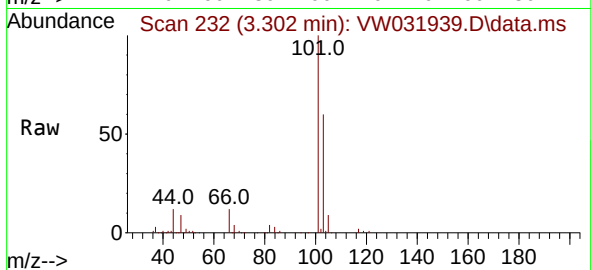
VSTDCCC050

Tgt Ion:101 Resp: 110266

Ion Ratio Lower Upper

101 100

103 60.4 50.7 76.1



#8

Diethyl Ether

Concen: 48.982 ug/l

RT: 3.716 min Scan# 300

Delta R.T. -0.012 min

Lab File: VW031939.D

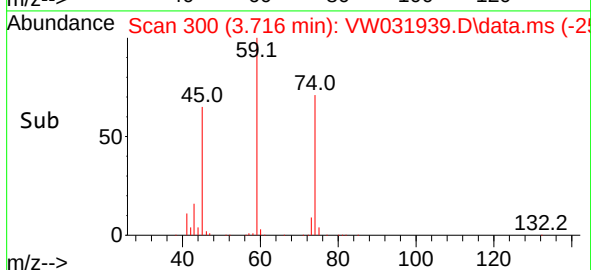
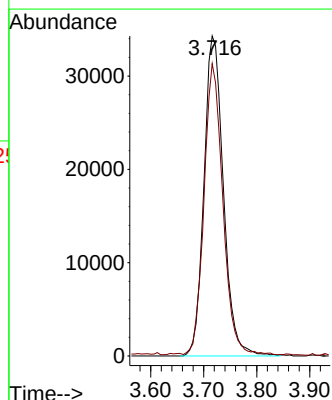
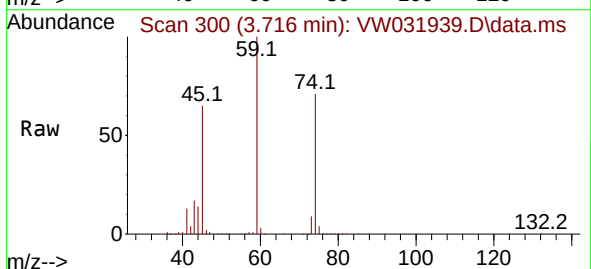
Acq: 28 Jul 2025 11:03

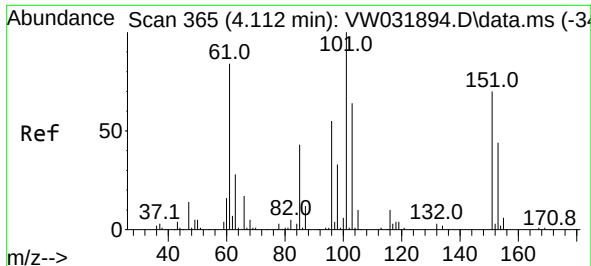
Tgt Ion: 74 Resp: 87286

Ion Ratio Lower Upper

74 100

45 88.1 45.5 136.5

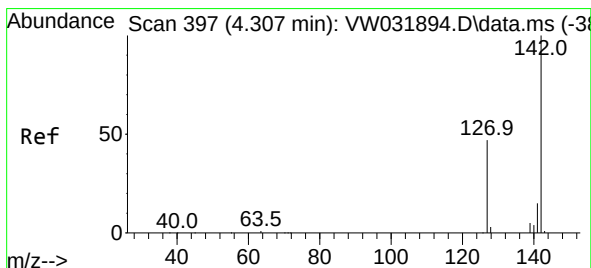
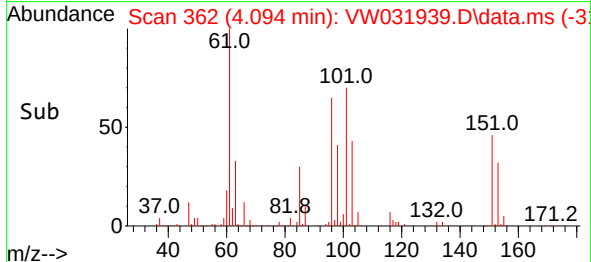
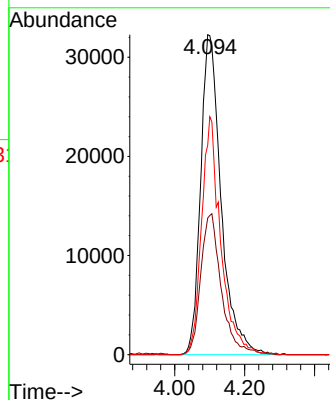
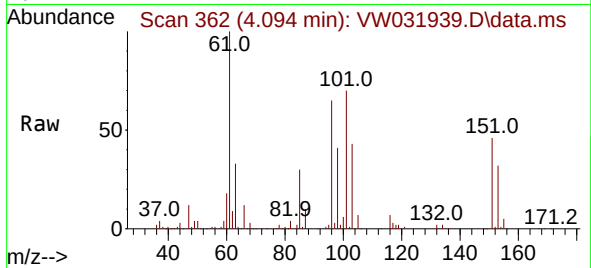




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.103 ug/l
 RT: 4.094 min Scan# 362
 Delta R.T. -0.018 min
 Lab File: VW031939.D
 Acq: 28 Jul 2025 11:03

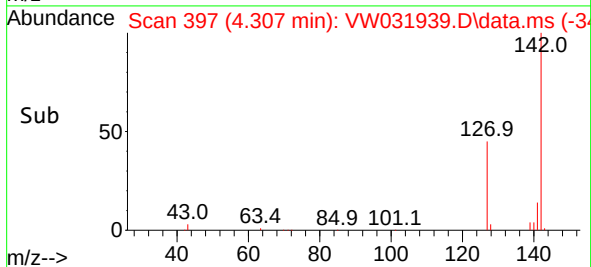
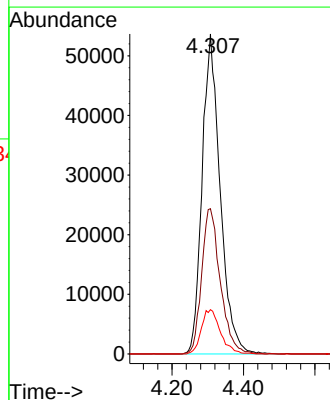
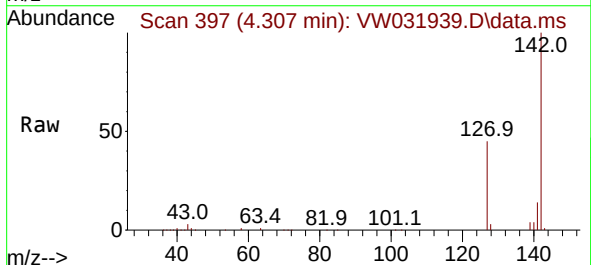
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

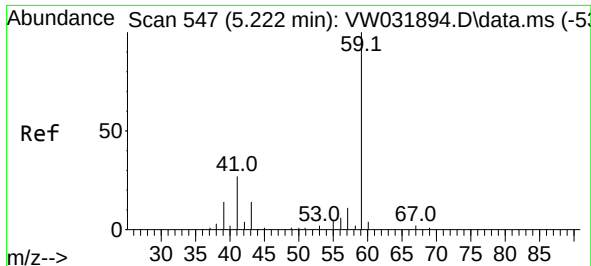
Tgt Ion:101 Resp: 131127
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.5 53.3
 151 69.3 54.6 81.8



#10
 Methyl Iodide
 Concen: 48.902 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VW031939.D
 Acq: 28 Jul 2025 11:03

Tgt Ion:142 Resp: 187610
 Ion Ratio Lower Upper
 142 100
 127 47.0 37.4 56.2
 141 14.7 11.9 17.9

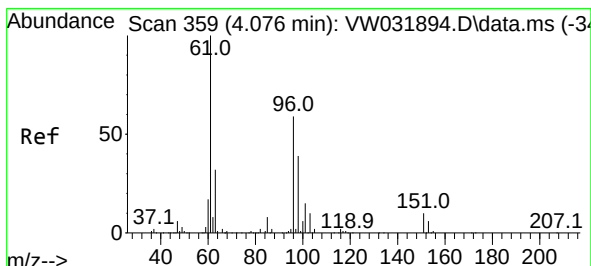
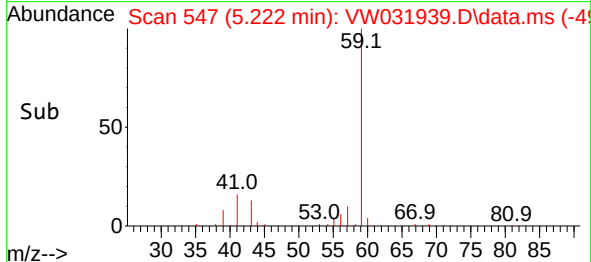
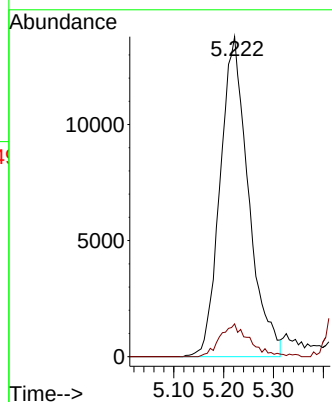
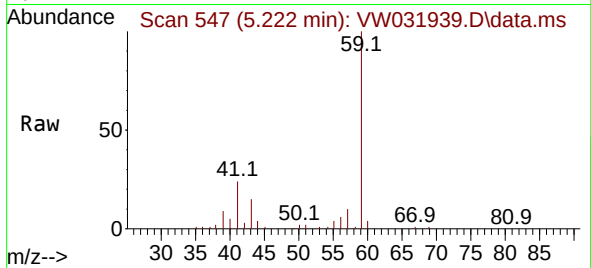




#11
Tert butyl alcohol
Concen: 287.795 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

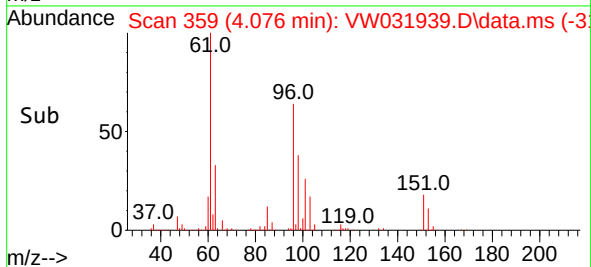
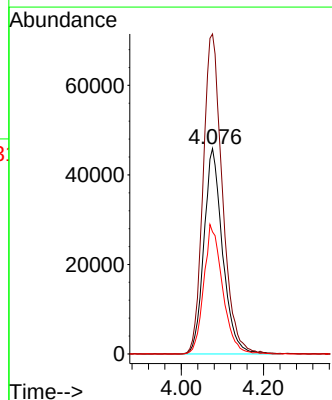
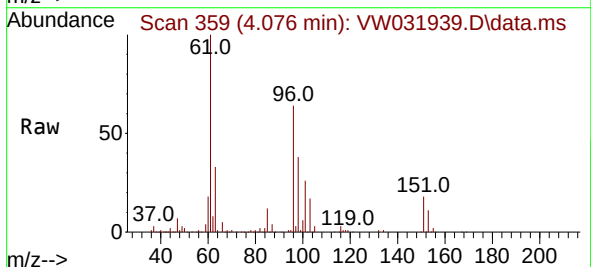
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

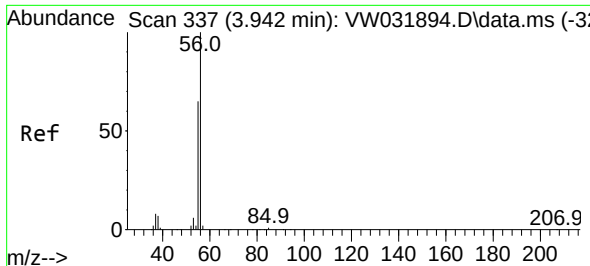
Tgt Ion: 59 Resp: 54393
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 51.036 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 96 Resp: 144641
Ion Ratio Lower Upper
96 100
61 155.7 135.0 202.6
98 59.4 52.3 78.5

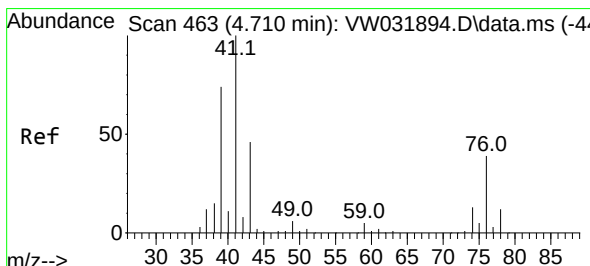
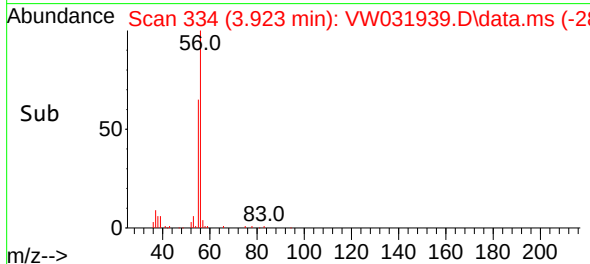
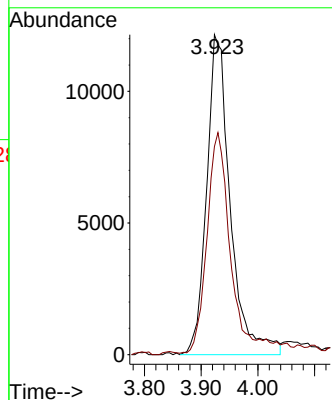
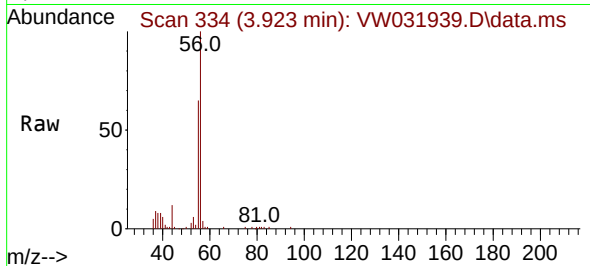




#13
Acrolein
Concen: 130.097 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.019 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

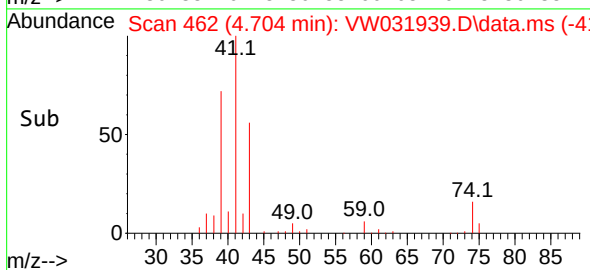
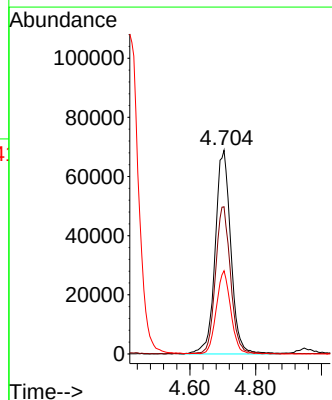
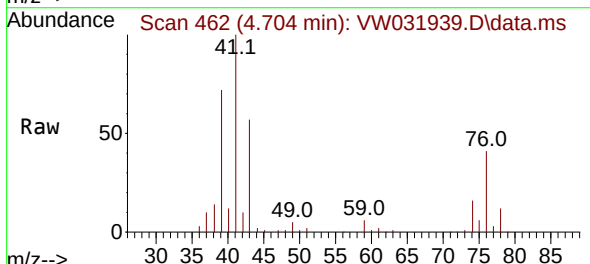
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

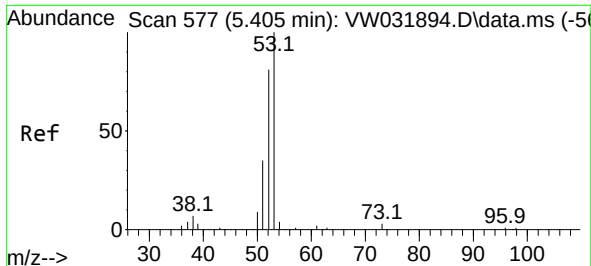
Tgt Ion: 56 Resp: 35201
Ion Ratio Lower Upper
56 100
55 65.4 56.7 85.1



#14
Allyl chloride
Concen: 51.530 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 41 Resp: 227344
Ion Ratio Lower Upper
41 100
39 70.0 56.6 85.0
76 37.2 30.1 45.1

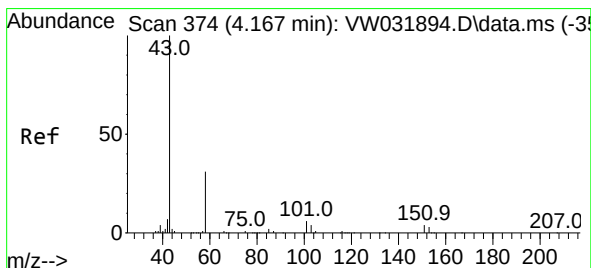
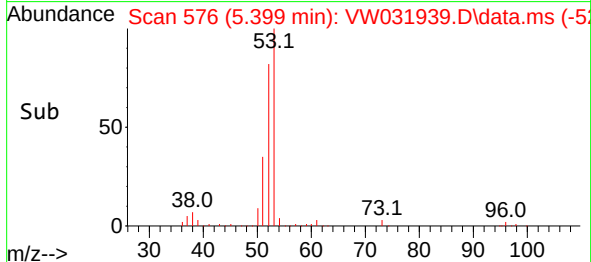
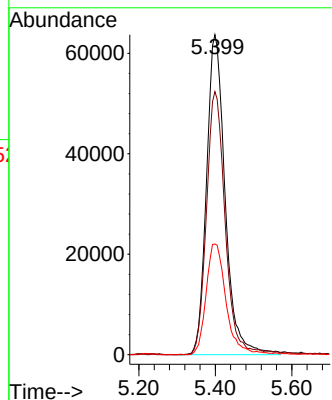
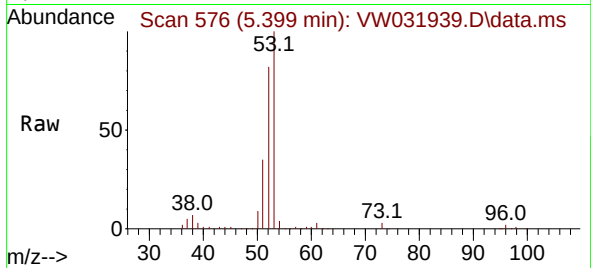




#15
Acrylonitrile
Concen: 270.198 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

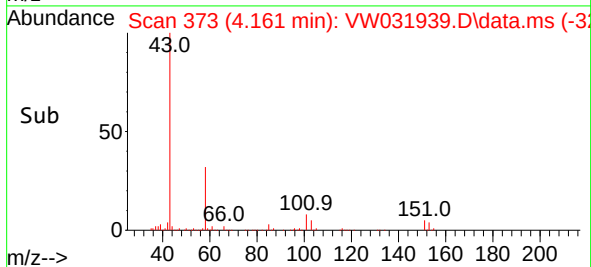
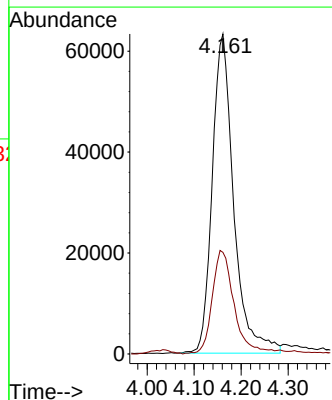
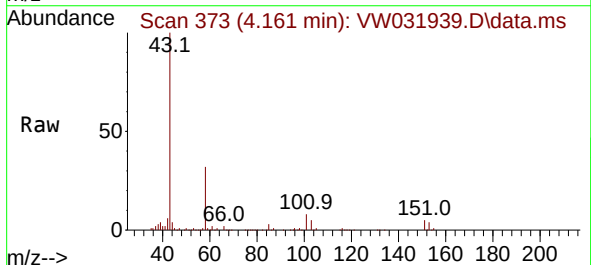
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

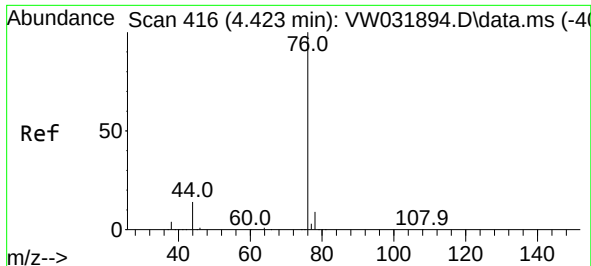
Tgt Ion: 53 Resp: 215262
Ion Ratio Lower Upper
53 100
52 82.2 67.0 100.4
51 37.1 29.9 44.9



#16
Acetone
Concen: 262.562 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 43 Resp: 200328
Ion Ratio Lower Upper
43 100
58 31.5 25.5 38.3

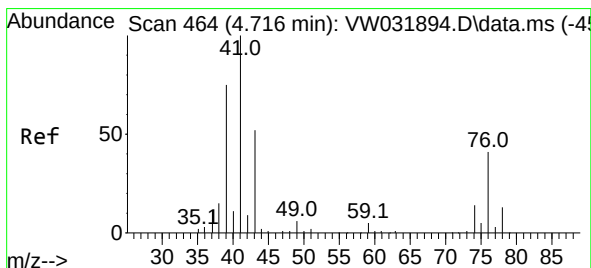
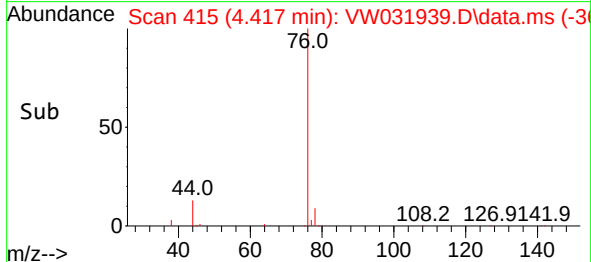
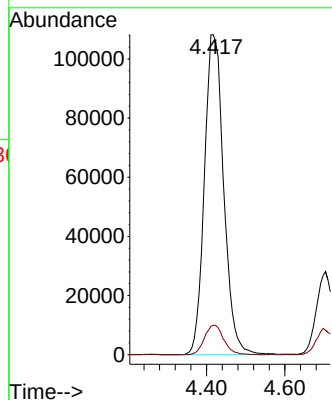
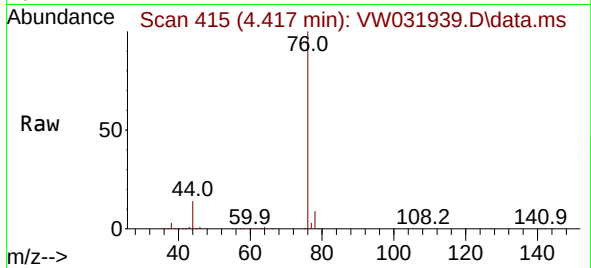




#17
Carbon Disulfide
Concen: 50.424 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

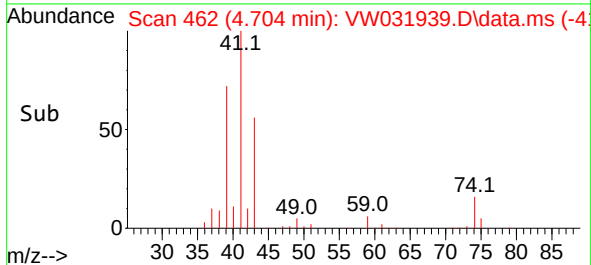
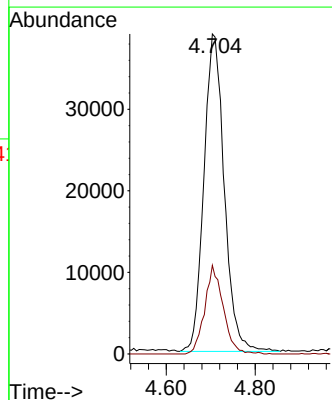
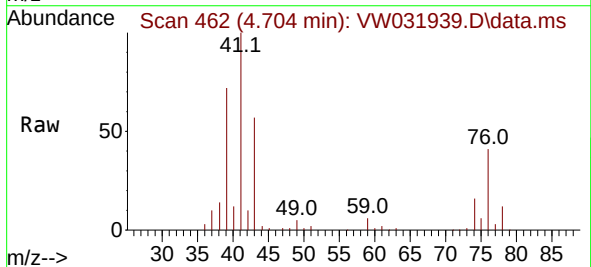
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

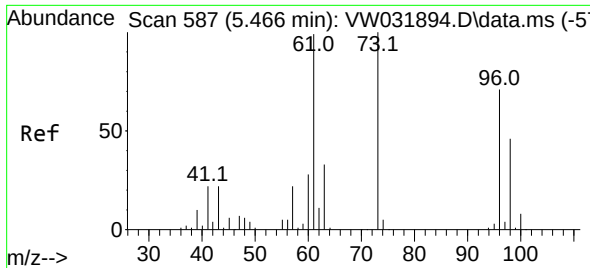
Tgt Ion: 76 Resp: 370630
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 59.140 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 43 Resp: 124315
Ion Ratio Lower Upper
43 100
74 25.2 20.6 31.0

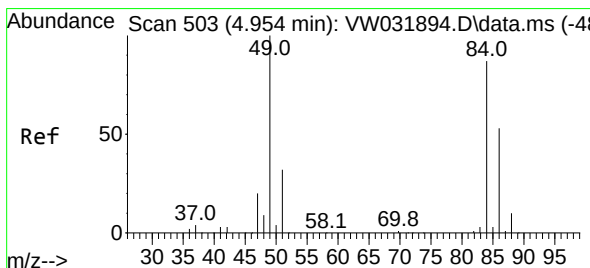
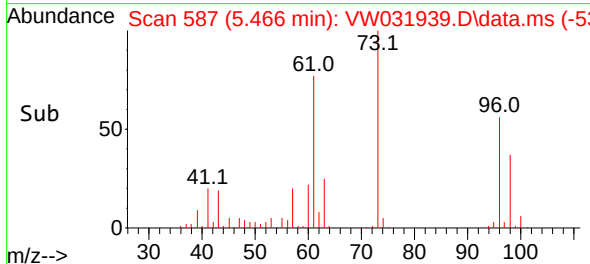
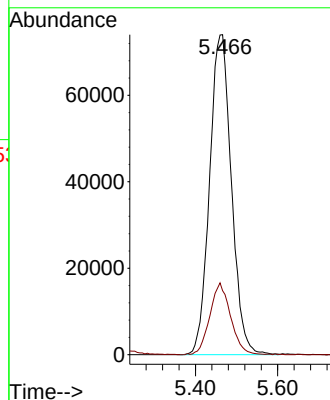
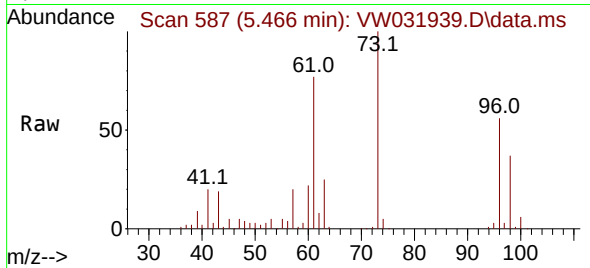




#19
Methyl tert-butyl Ether
Concen: 55.731 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

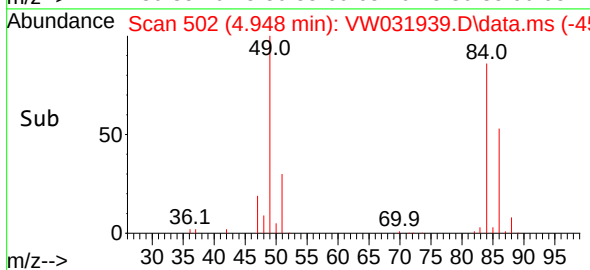
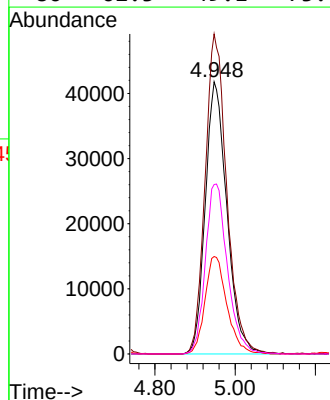
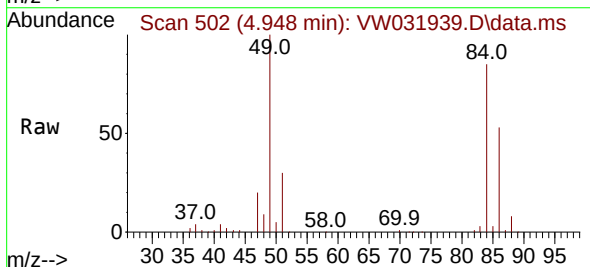
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

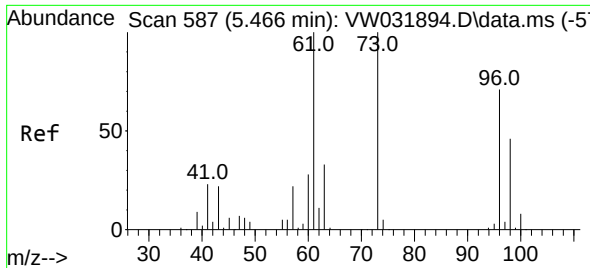
Tgt Ion: 73 Resp: 272908
Ion Ratio Lower Upper
73 100
57 20.0 17.5 26.3



#20
Methylene Chloride
Concen: 47.719 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 84 Resp: 156408
Ion Ratio Lower Upper
84 100
49 117.6 91.9 137.9
51 35.8 29.0 43.6
86 62.3 49.1 73.7

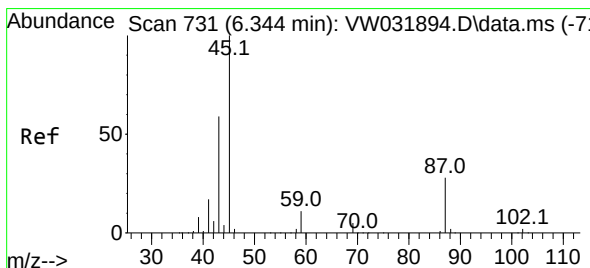
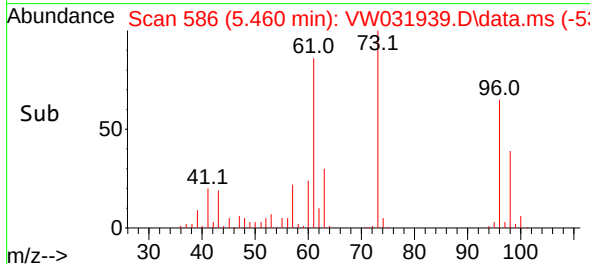
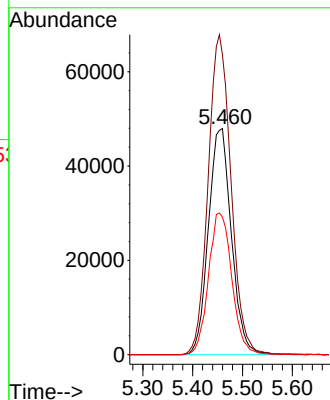
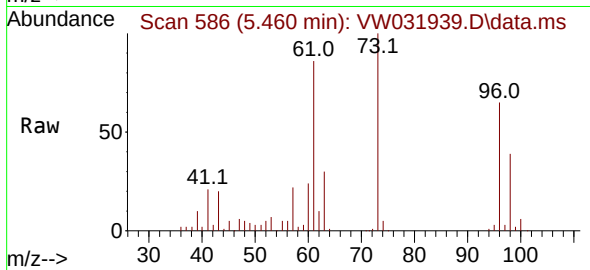




#21
trans-1,2-Dichloroethene
Concen: 51.195 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

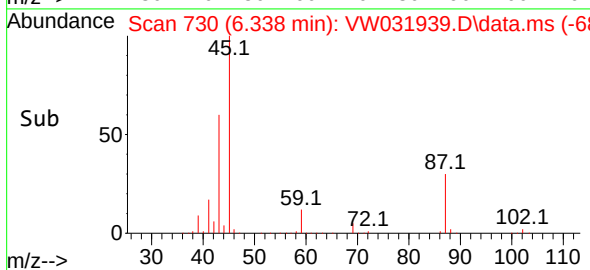
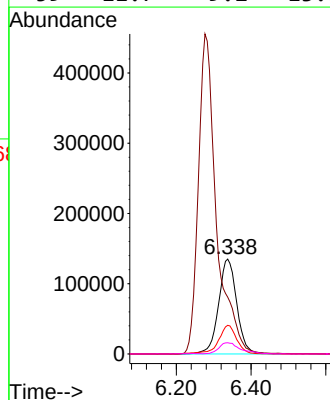
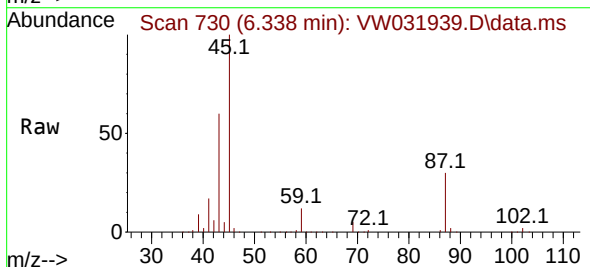
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

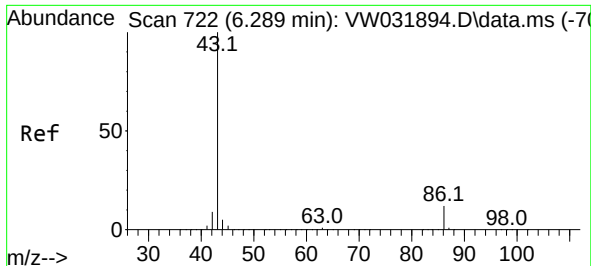
Tgt Ion: 96 Resp: 153943
Ion Ratio Lower Upper
96 100
61 132.7 112.8 169.2
98 60.9 51.9 77.9



#22
Diisopropyl ether
Concen: 51.644 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 45 Resp: 455922
Ion Ratio Lower Upper
45 100
43 59.7 47.0 70.6
87 30.1 22.8 34.2
59 11.7 9.2 13.8

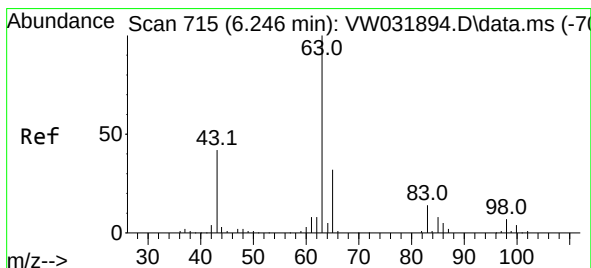
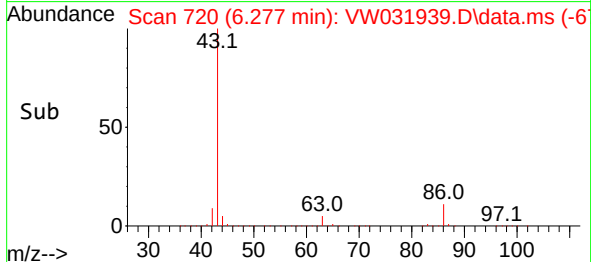
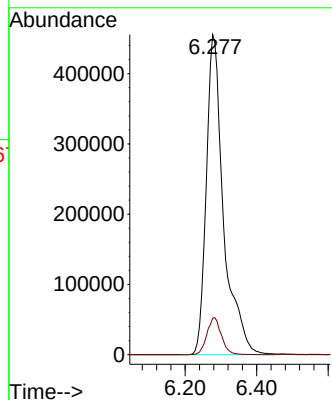
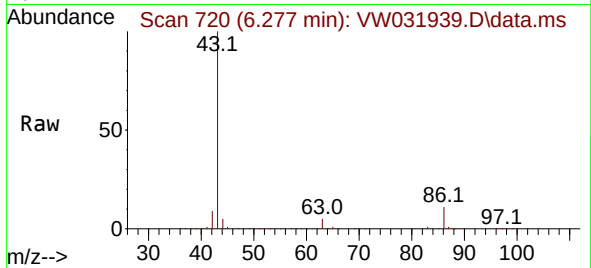




#23
 Vinyl Acetate
 Concen: 265.075 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.012 min
 Lab File: VW031939.D
 Acq: 28 Jul 2025 11:03

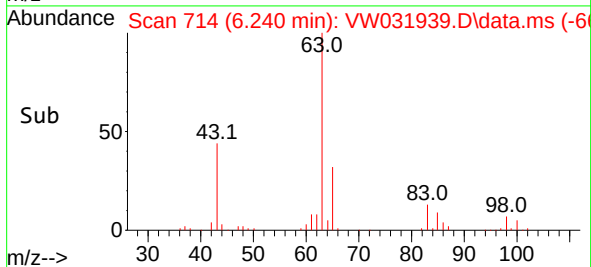
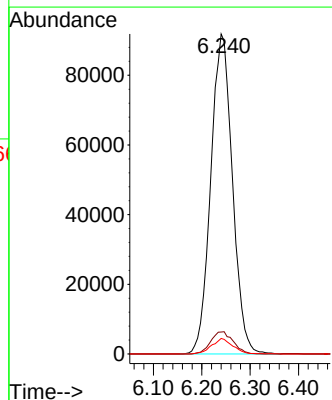
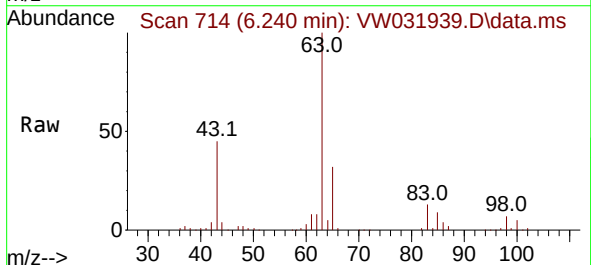
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

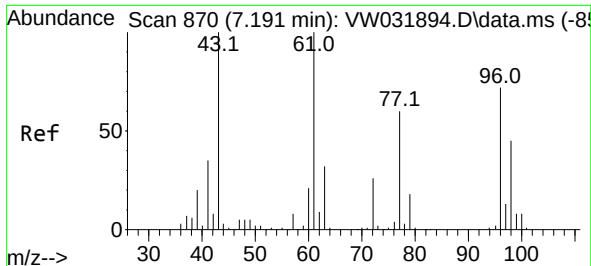
Tgt Ion: 43 Resp: 1528850
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 51.977 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031939.D
 Acq: 28 Jul 2025 11:03

Tgt Ion: 63 Resp: 285694
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.9 2.2 6.6

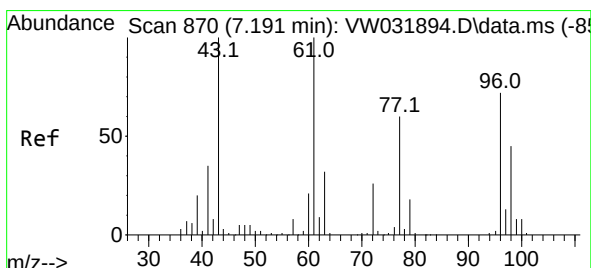
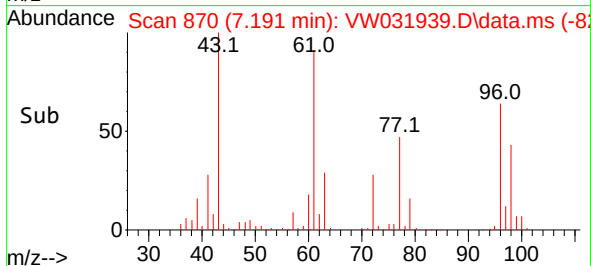
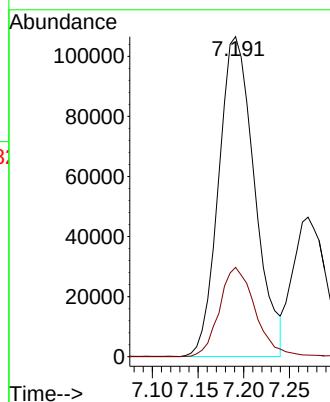
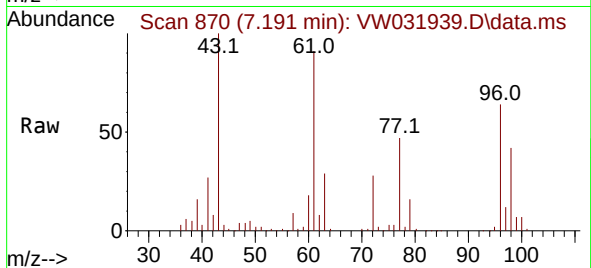




#25
2-Butanone
Concen: 279.240 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

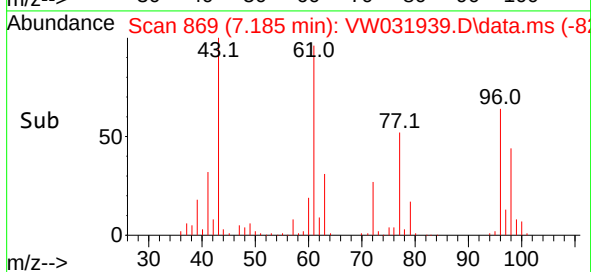
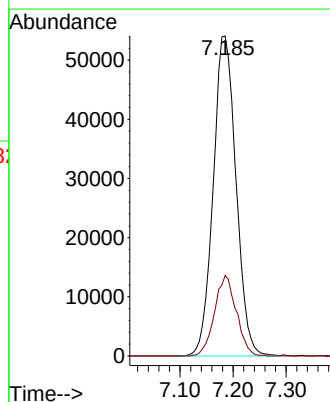
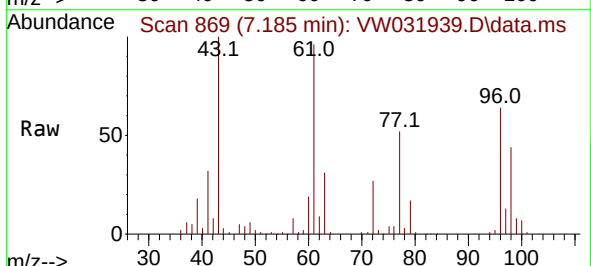
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

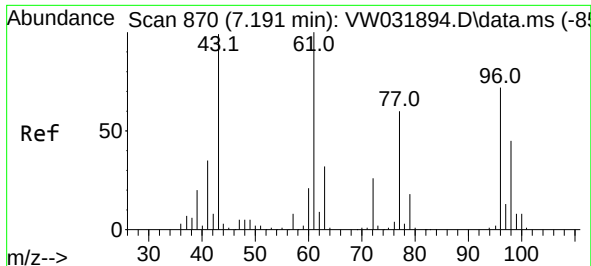
Tgt Ion: 43 Resp: 291504
Ion Ratio Lower Upper
43 100
72 27.9 20.8 31.2



#26
2,2-Dichloropropane
Concen: 51.934 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 77 Resp: 161610
Ion Ratio Lower Upper
77 100
97 24.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.896 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

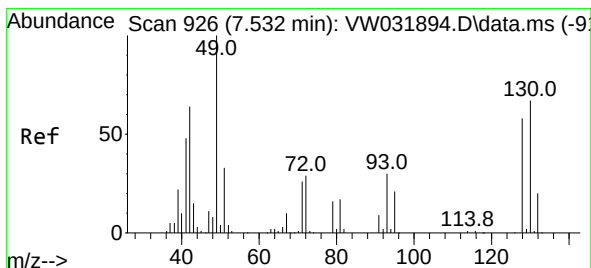
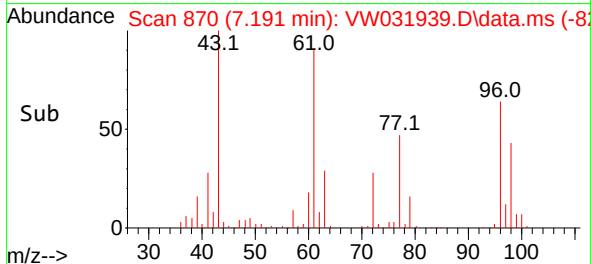
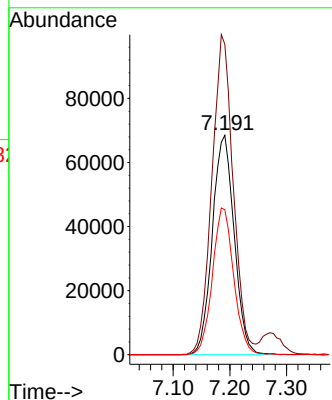
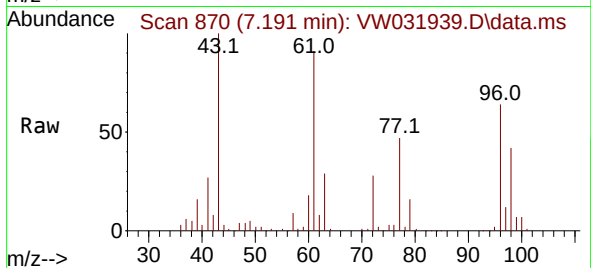
Tgt Ion: 96 Resp: 183460

Ion Ratio Lower Upper

96 100

61 142.5 0.0 280.2

98 65.3 0.0 126.8



#28

Bromochloromethane

Concen: 50.180 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

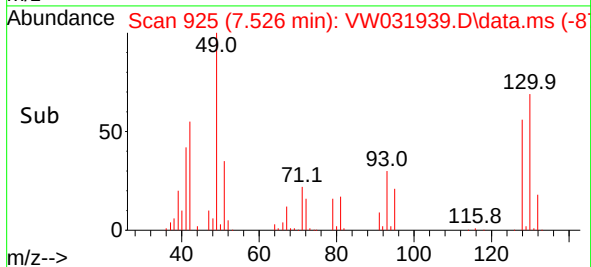
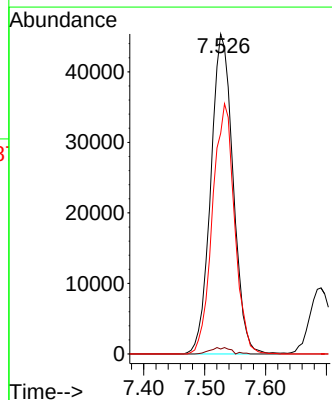
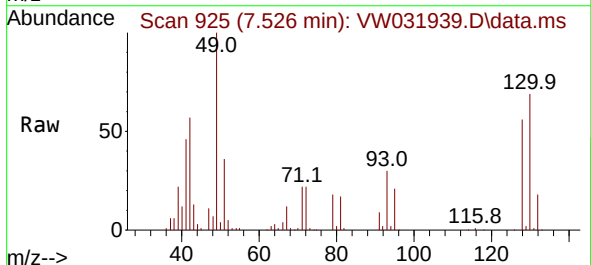
Tgt Ion: 49 Resp: 115483

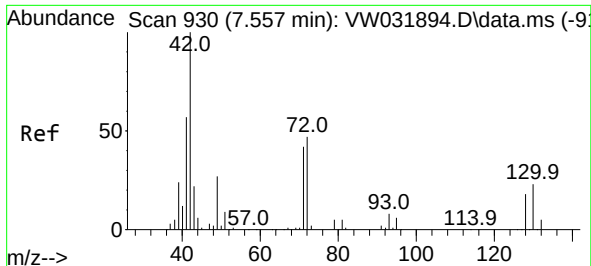
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 77.2 59.0 88.4





#29

Tetrahydrofuran

Concen: 277.613 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

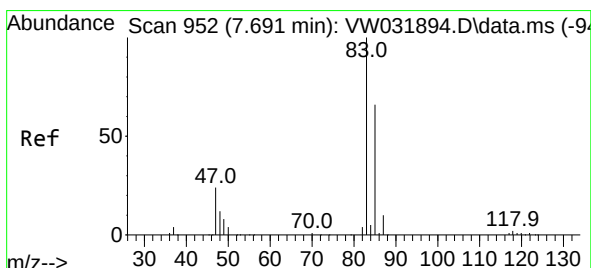
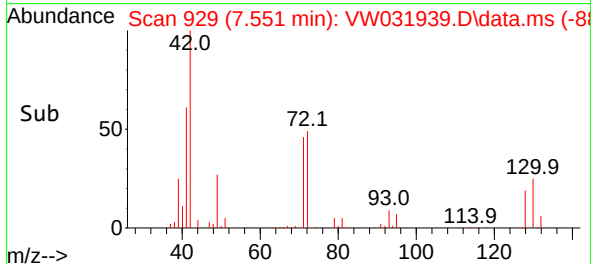
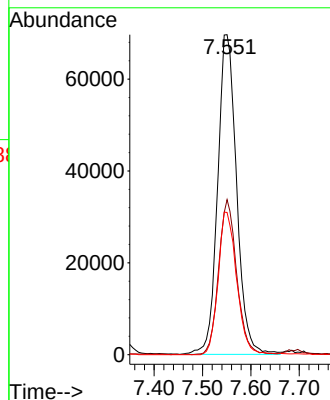
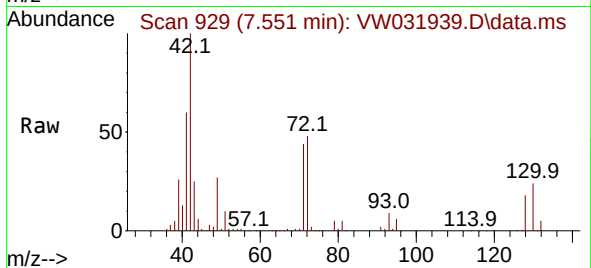
Tgt Ion: 42 Resp: 190005

Ion Ratio Lower Upper

42 100

72 46.4 37.0 55.6

71 43.6 34.5 51.7



#30

Chloroform

Concen: 51.947 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031939.D

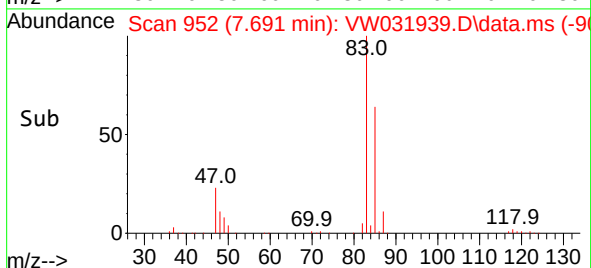
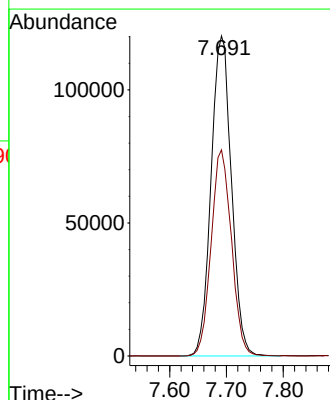
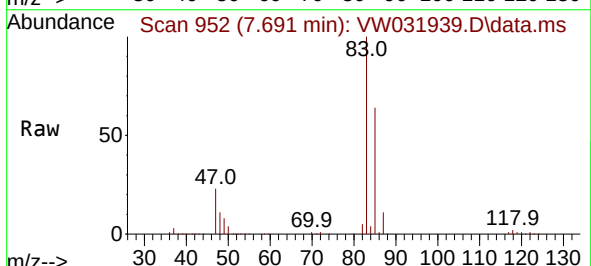
Acq: 28 Jul 2025 11:03

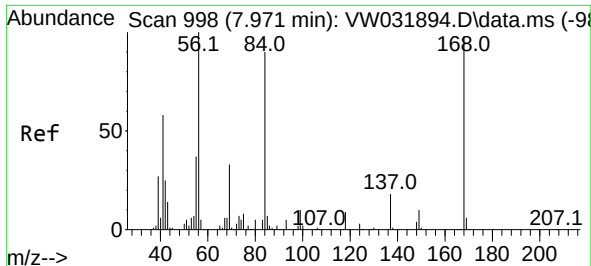
Tgt Ion: 83 Resp: 299375

Ion Ratio Lower Upper

83 100

85 64.4 52.6 78.8

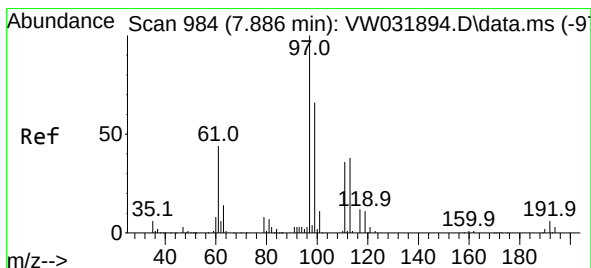
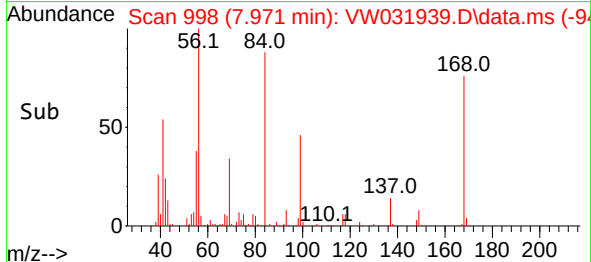
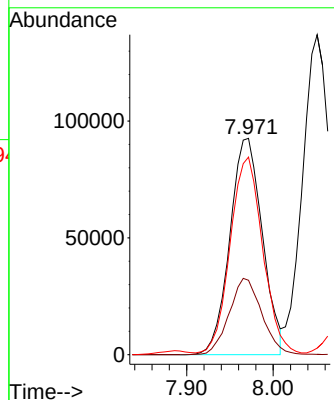
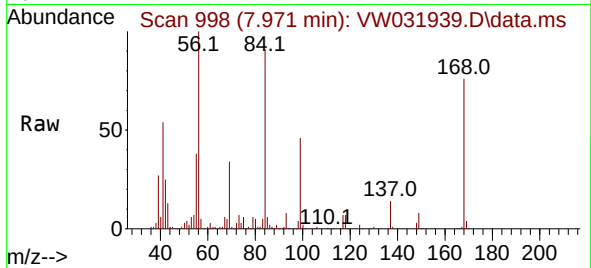




#31
Cyclohexane
Concen: 49.002 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

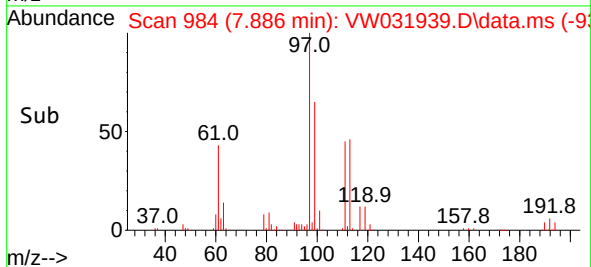
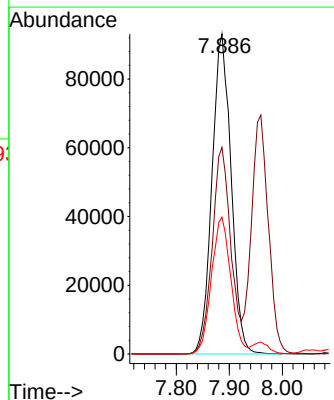
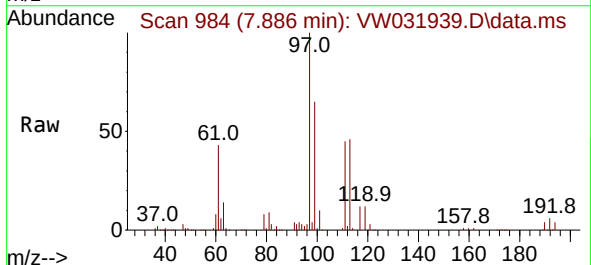
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

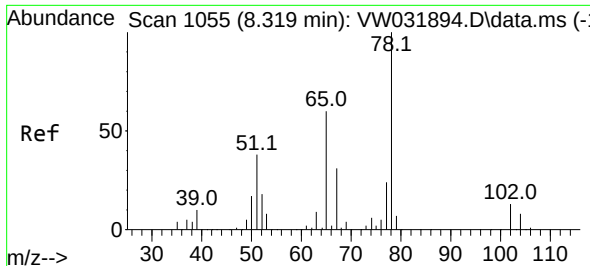
Tgt Ion: 56 Resp: 241637
Ion Ratio Lower Upper
56 100
69 34.4 26.7 40.1
84 89.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 53.100 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 97 Resp: 232870
Ion Ratio Lower Upper
97 100
99 62.9 53.0 79.4
61 43.5 35.4 53.0

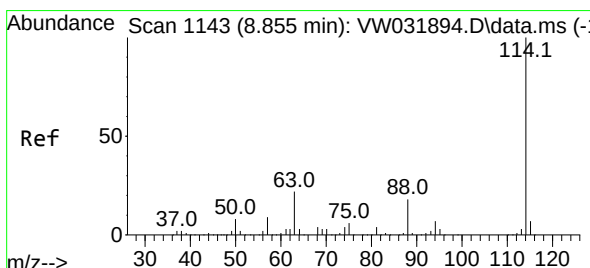
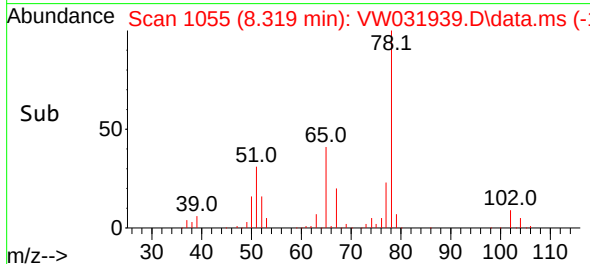
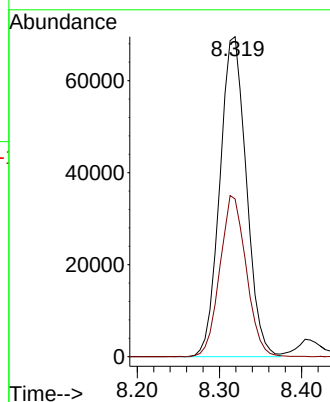
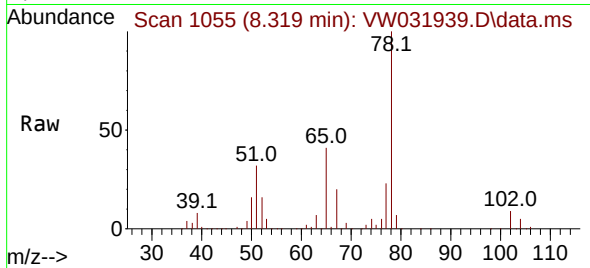




#33
1,2-Dichloroethane-d4
Concen: 48.480 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

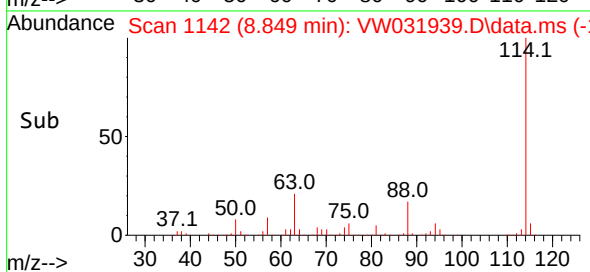
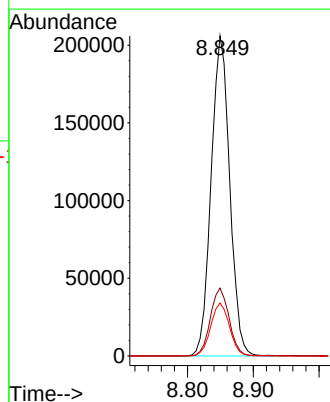
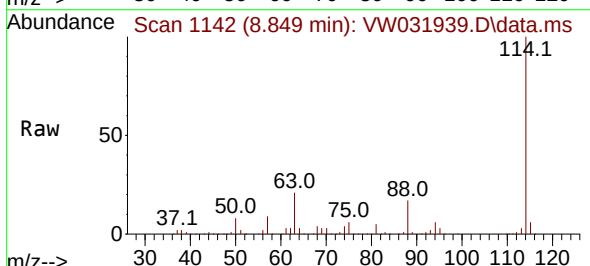
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

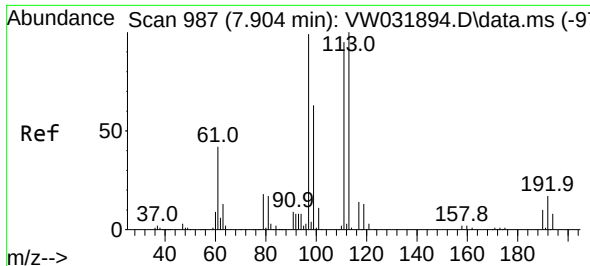
Tgt Ion: 65 Resp: 155876
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 114 Resp: 405024
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.2
88 16.5 0.0 35.6





#35

Dibromofluoromethane

Concen: 46.973 ug/l

RT: 7.898 min Scan# 9

Delta R.T. -0.006 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

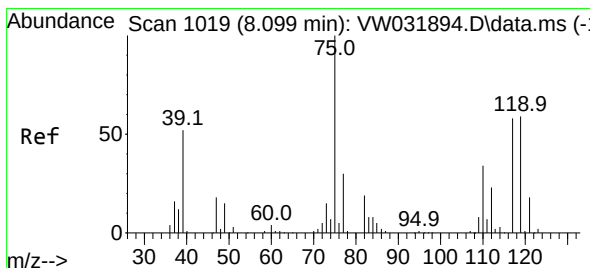
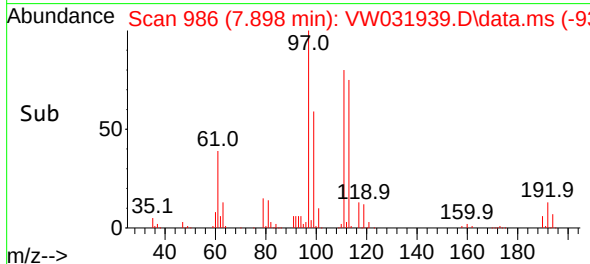
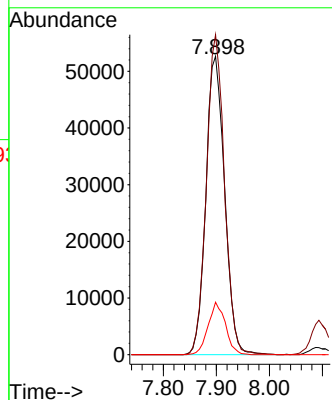
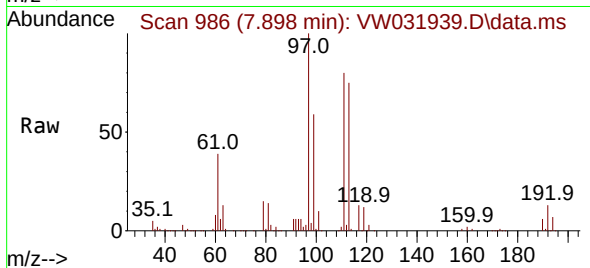
Tgt Ion:113 Resp: 129279

Ion Ratio Lower Upper

113 100

111 103.6 79.9 119.9

192 16.3 12.6 19.0



#36

1,1-Dichloropropene

Concen: 50.324 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

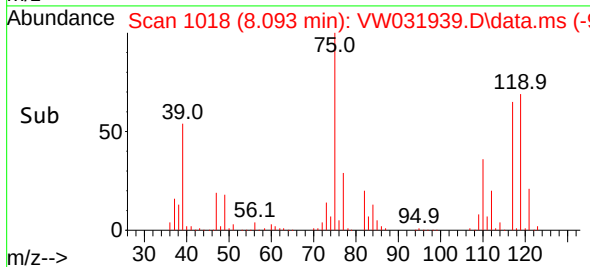
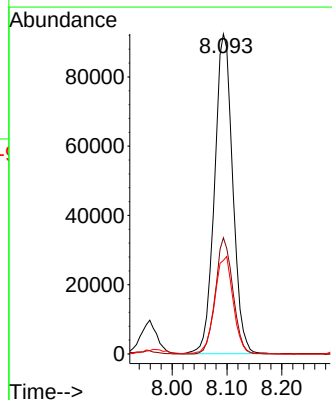
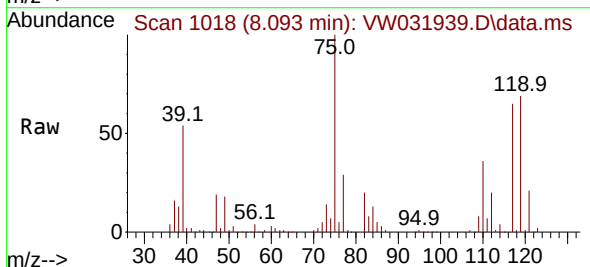
Tgt Ion: 75 Resp: 212697

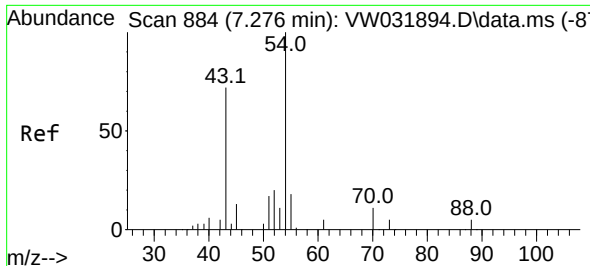
Ion Ratio Lower Upper

75 100

110 35.0 17.0 50.9

77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 51.121 ug/l

RT: 7.270 min Scan# 884

Delta R.T. -0.006 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

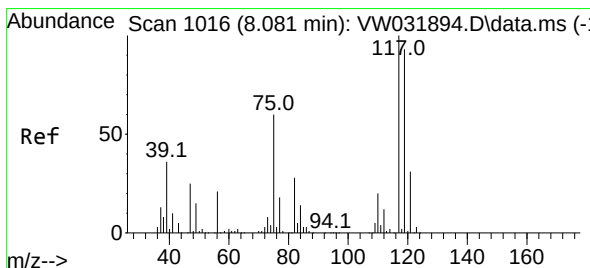
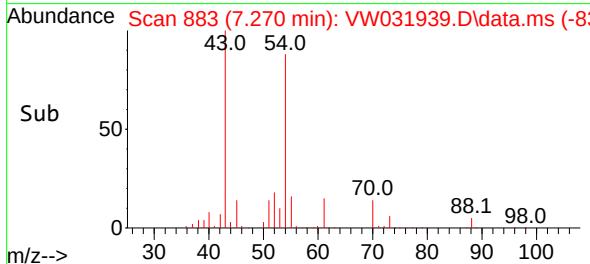
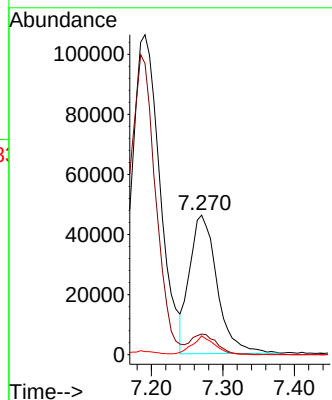
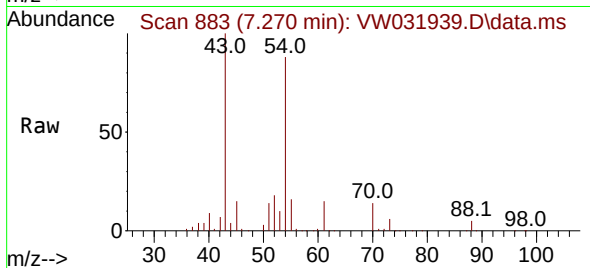
Tgt Ion: 43 Resp: 123258

Ion Ratio Lower Upper

43 100

61 13.9 10.6 15.8

70 11.4 9.0 13.4



#38

Carbon Tetrachloride

Concen: 50.550 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

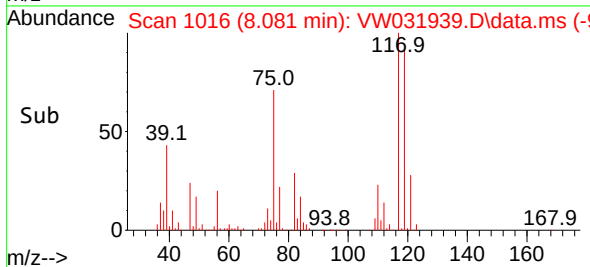
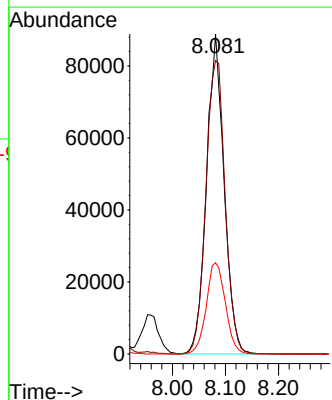
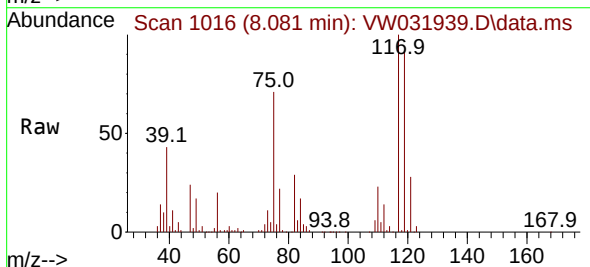
Tgt Ion: 117 Resp: 205049

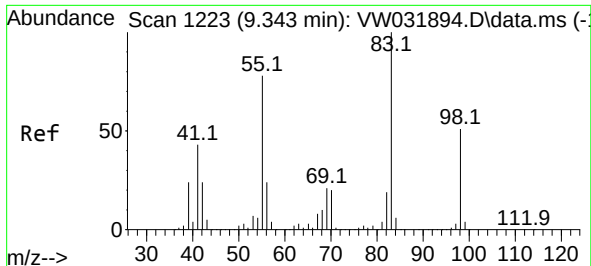
Ion Ratio Lower Upper

117 100

119 91.7 74.3 111.5

121 28.5 24.6 37.0

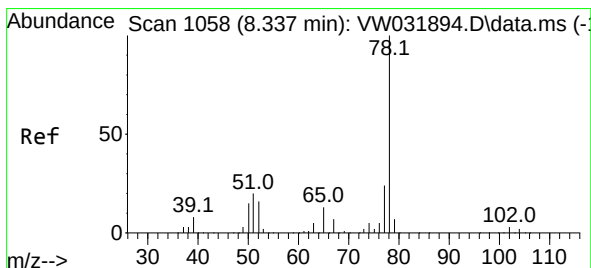
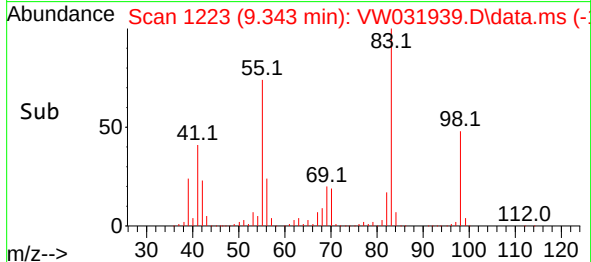
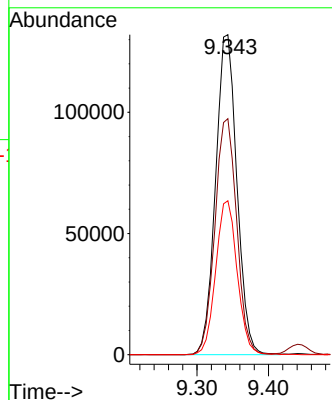
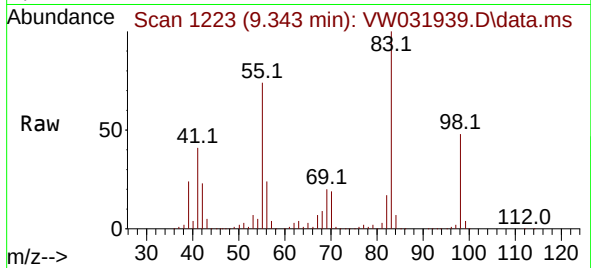




#39
Methylcyclohexane
Concen: 51.425 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

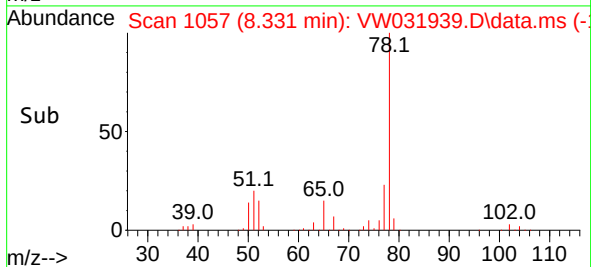
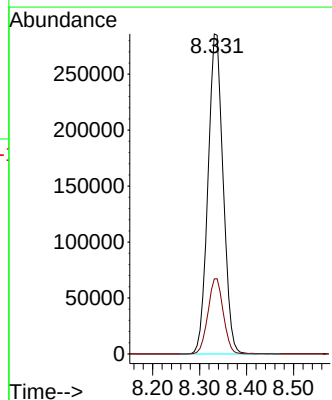
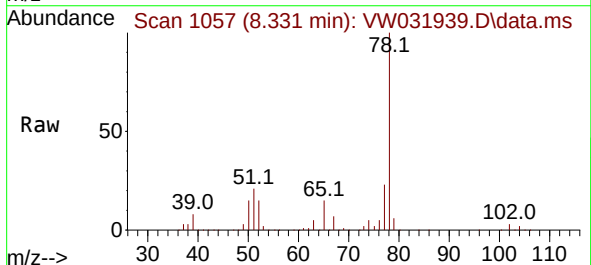
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

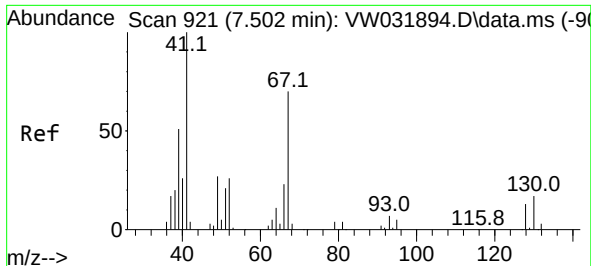
Tgt Ion: 83 Resp: 273532
Ion Ratio Lower Upper
83 100
55 73.8 62.5 93.7
98 48.1 40.6 61.0



#40
Benzene
Concen: 50.920 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 78 Resp: 637083
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

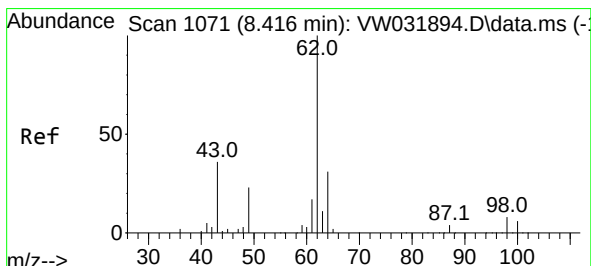
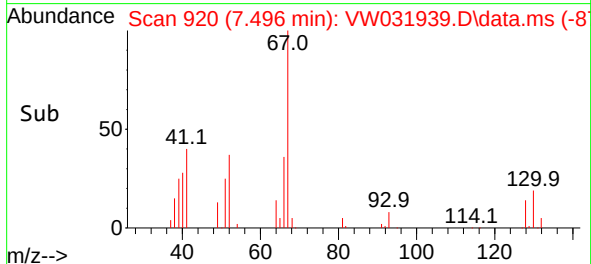
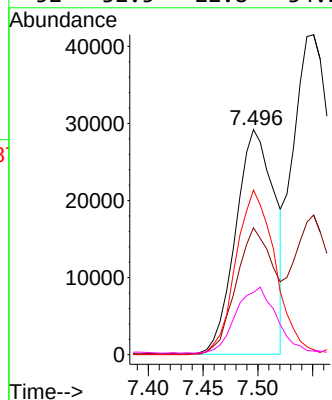
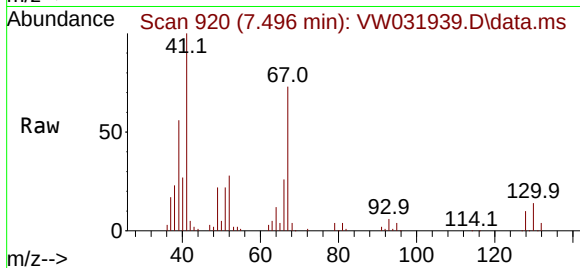




#41
Methacrylonitrile
Concen: 49.772 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

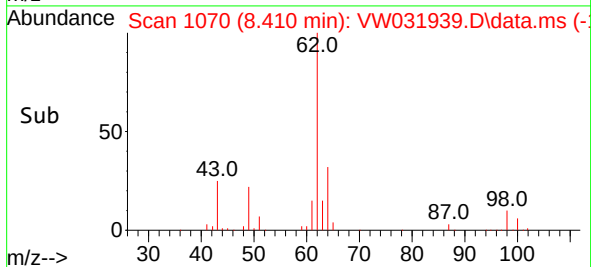
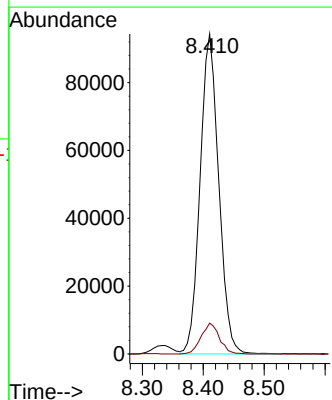
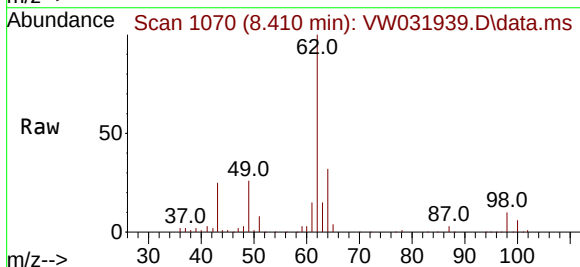
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

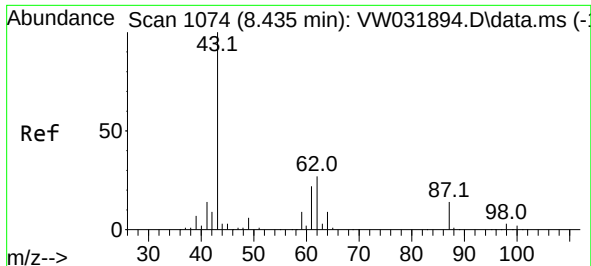
Tgt Ion: 41	Resp: 71837
Ion Ratio	Lower Upper
41 100	
39 54.5	41.1 61.7
67 75.5	56.2 84.4
52 32.5	22.8 34.2



#42
1,2-Dichloroethane
Concen: 50.085 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 62	Resp: 200554
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 18.2

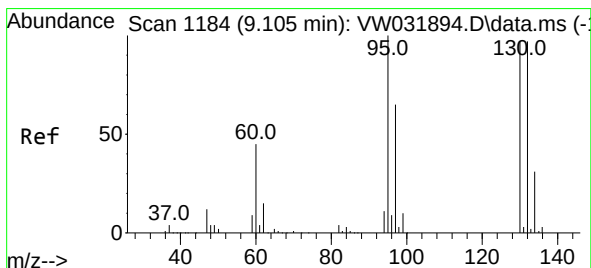
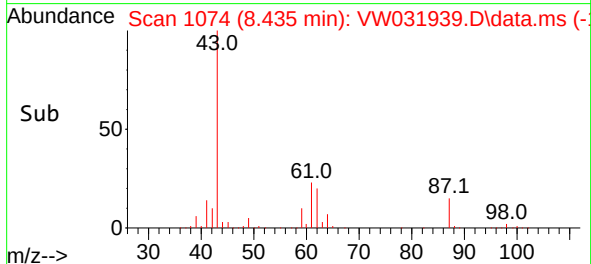
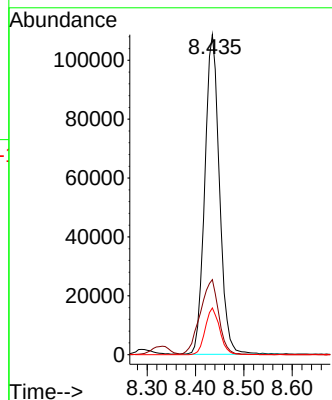
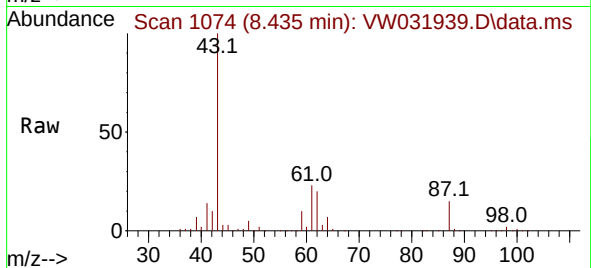




#43
Isopropyl Acetate
Concen: 52.336 ug/l
RT: 8.435 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

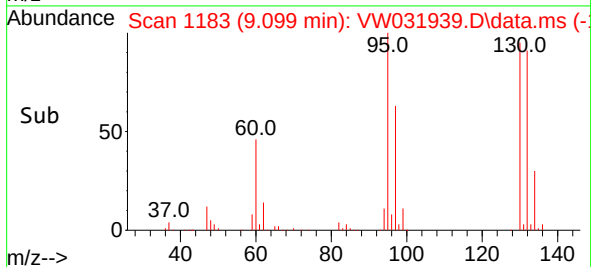
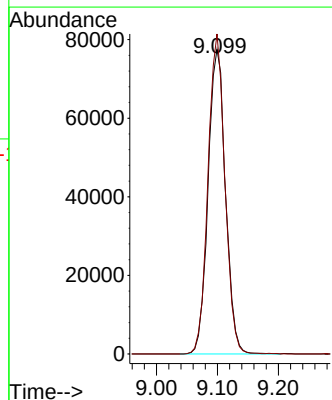
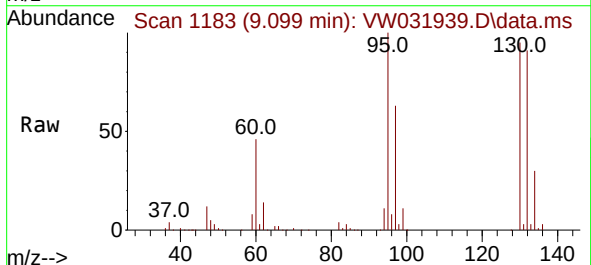
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

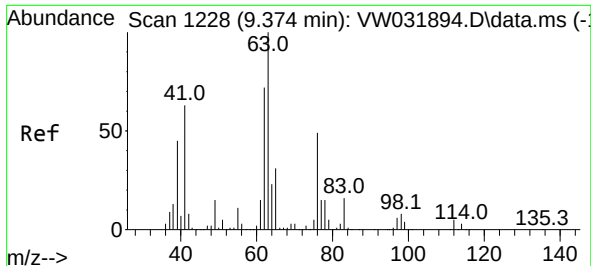
Tgt Ion: 43 Resp: 228440
Ion Ratio Lower Upper
43 100
61 29.8 24.0 36.0
87 14.5 11.1 16.7



#44
Trichloroethene
Concen: 51.787 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion:130 Resp: 154010
Ion Ratio Lower Upper
130 100
95 105.0 0.0 206.4





#45

1,2-Dichloropropane

Concen: 49.910 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

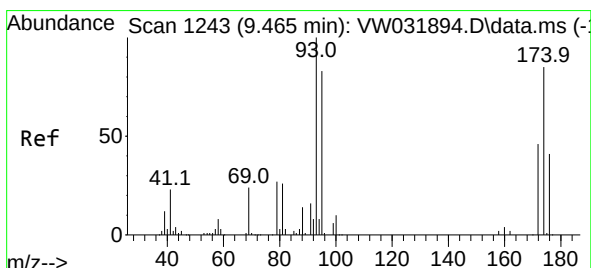
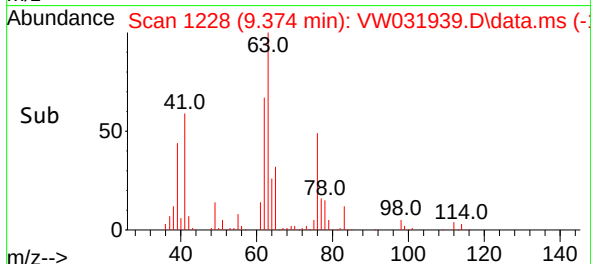
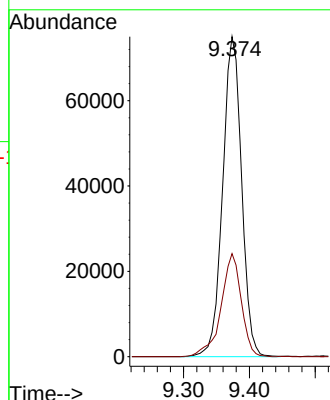
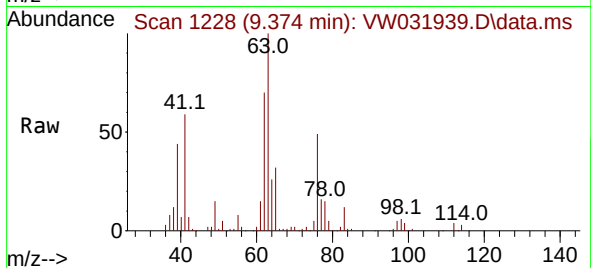
VSTDCCC050

Tgt Ion: 63 Resp: 150390

Ion Ratio Lower Upper

63 100

65 32.2 25.0 37.4



#46

Dibromomethane

Concen: 51.614 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

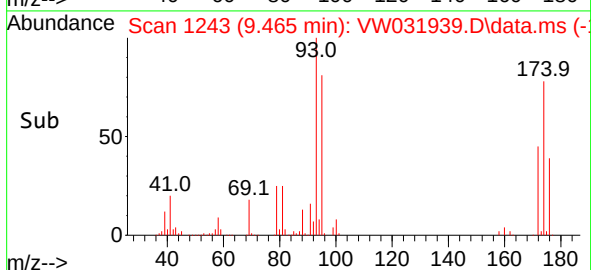
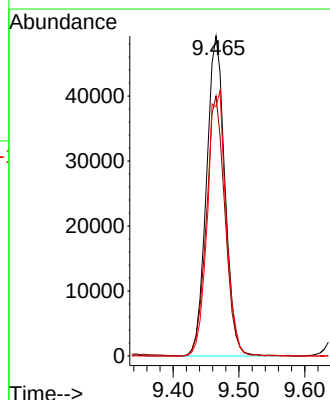
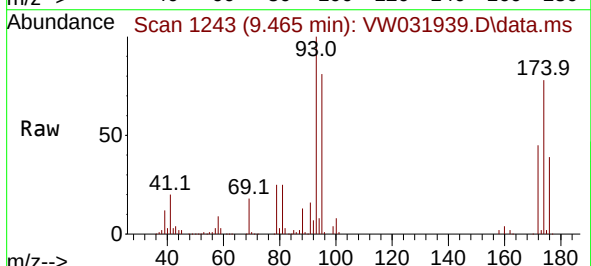
Tgt Ion: 93 Resp: 96408

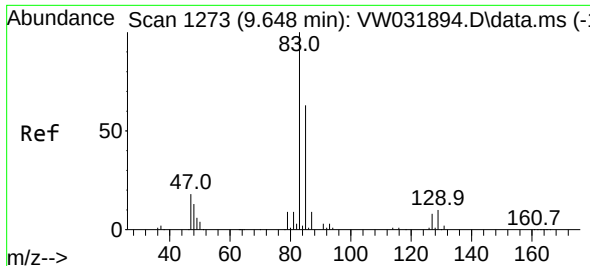
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.6

174 83.3 70.2 105.2

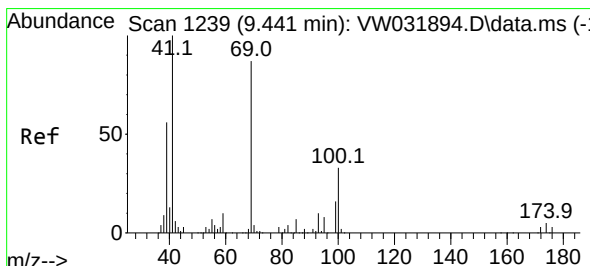
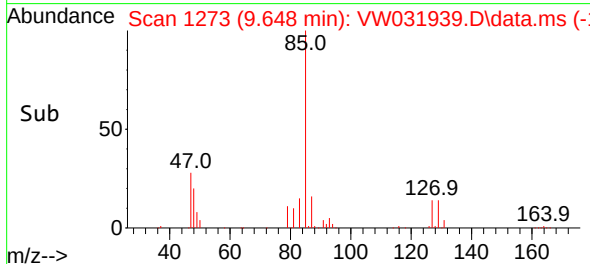
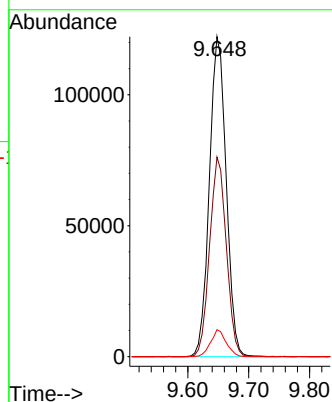
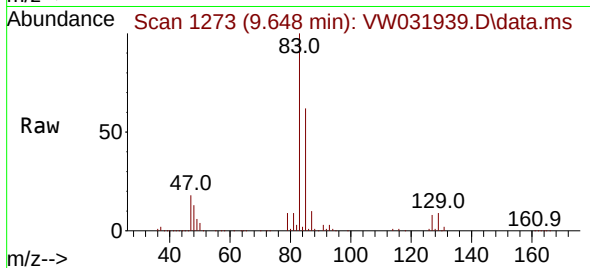




#47
Bromodichloromethane
Concen: 52.308 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

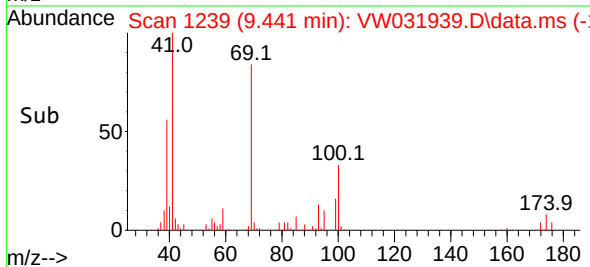
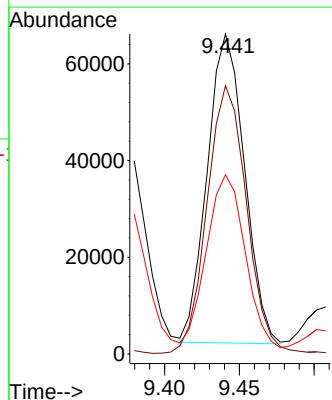
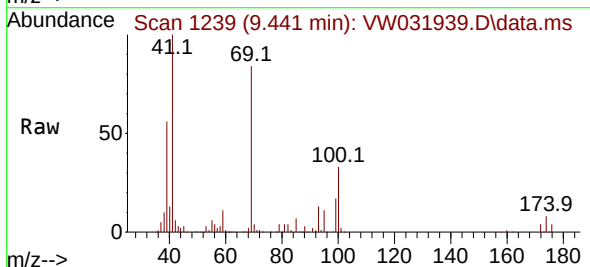
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

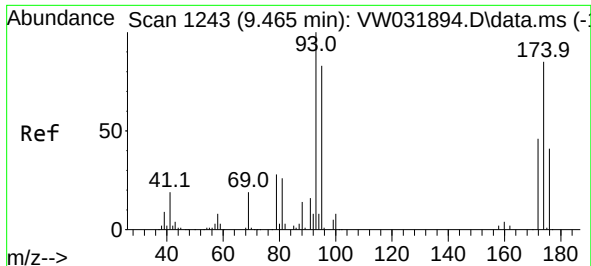
Tgt Ion: 83 Resp: 234287
Ion Ratio Lower Upper
83 100
85 62.3 50.6 76.0
127 8.4 6.5 9.7



#48
Methyl methacrylate
Concen: 53.307 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 41 Resp: 110697
Ion Ratio Lower Upper
41 100
69 92.2 73.6 110.4
39 57.5 45.5 68.3





#49

1,4-Dioxane

Concen: 1232.638 ug/l

RT: 9.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

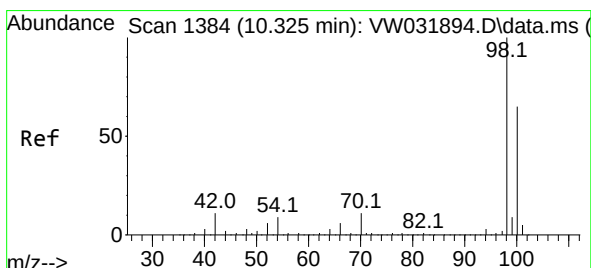
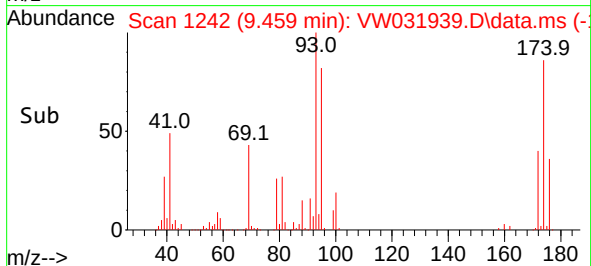
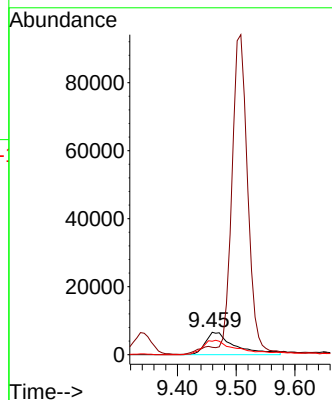
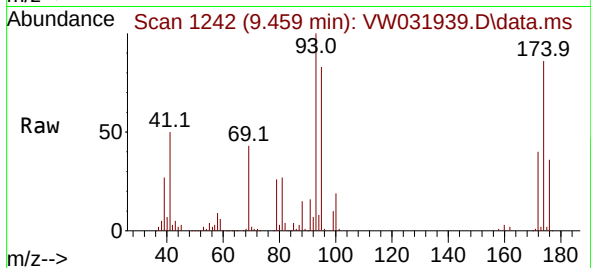
Tgt Ion: 88 Resp: 22974

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 72.4 58.2 87.2



#50

Toluene-d8

Concen: 46.119 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031939.D

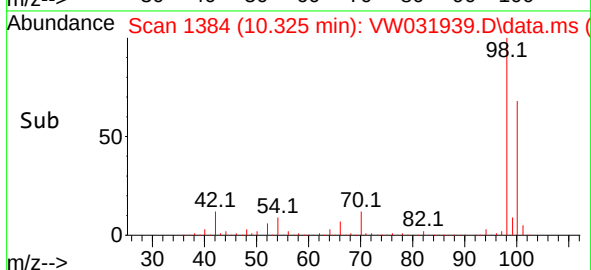
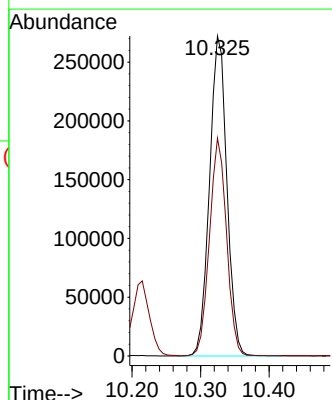
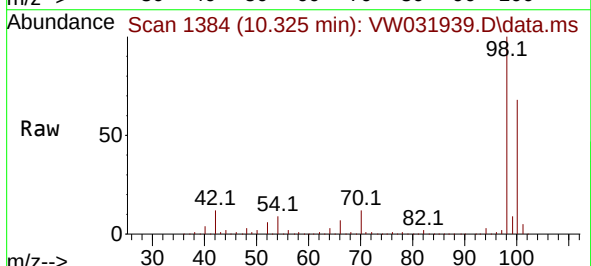
Acq: 28 Jul 2025 11:03

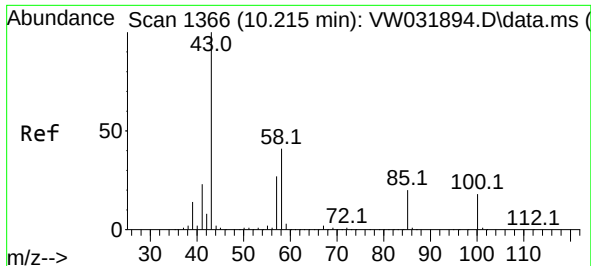
Tgt Ion: 98 Resp: 480384

Ion Ratio Lower Upper

98 100

100 66.8 51.7 77.5

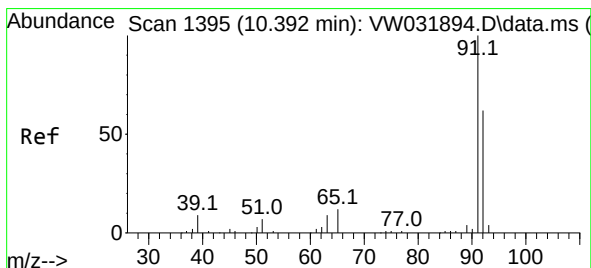
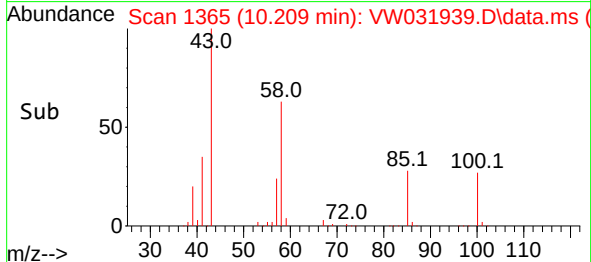
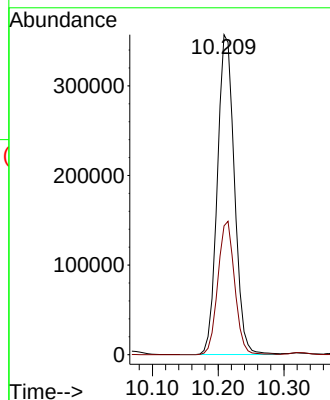
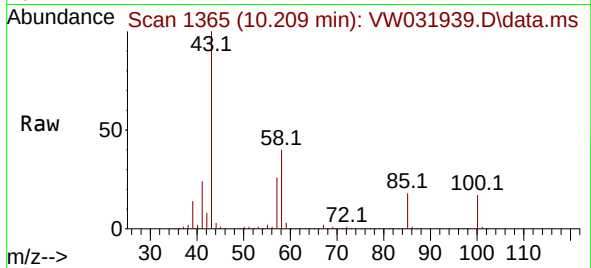




#51
4-Methyl-2-Pentanone
Concen: 269.959 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

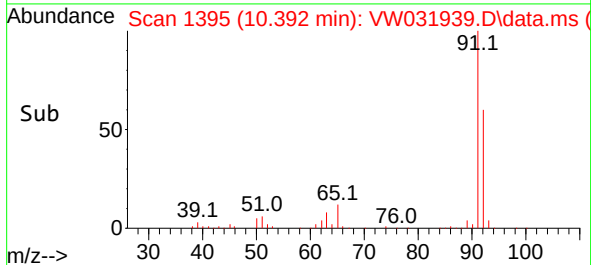
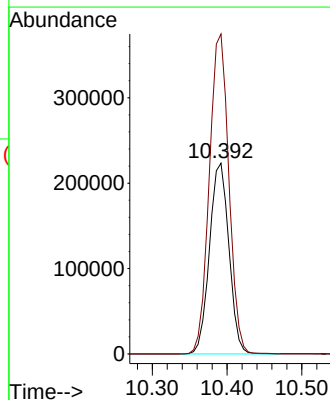
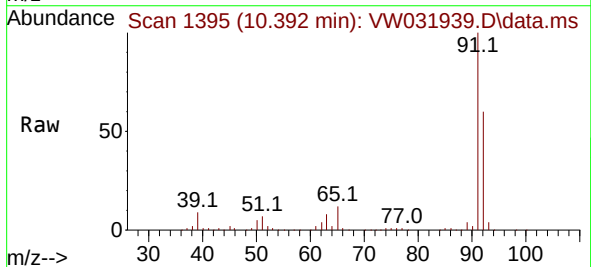
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

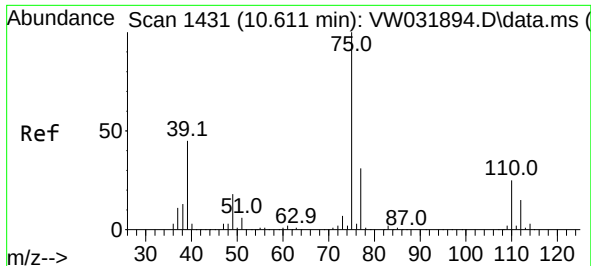
Tgt Ion: 43 Resp: 644871
Ion Ratio Lower Upper
43 100
58 41.2 32.8 49.2



#52
Toluene
Concen: 50.273 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 92 Resp: 404341
Ion Ratio Lower Upper
92 100
91 168.8 133.7 200.5

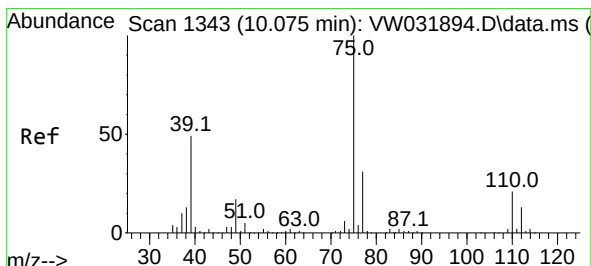
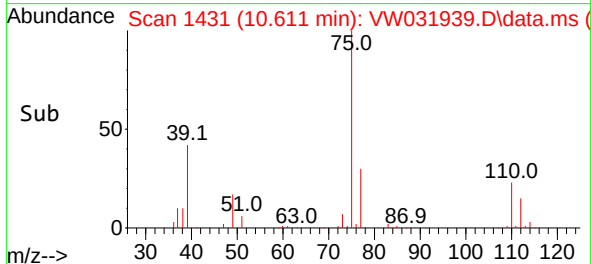
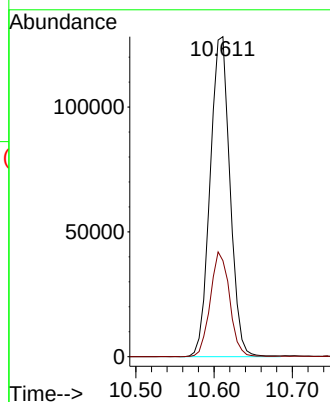
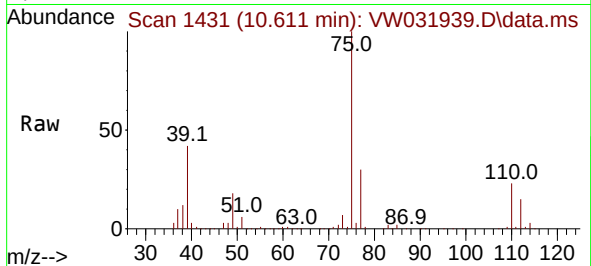




#53
t-1,3-Dichloropropene
Concen: 52.549 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

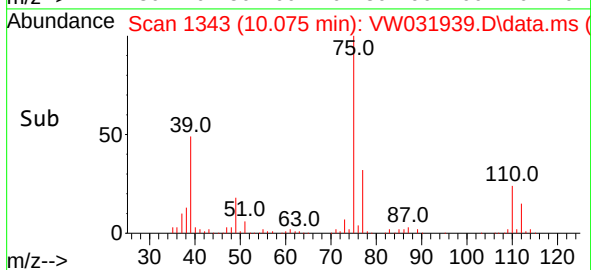
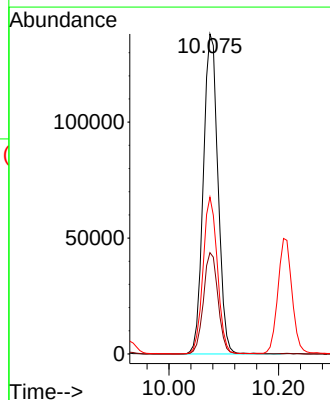
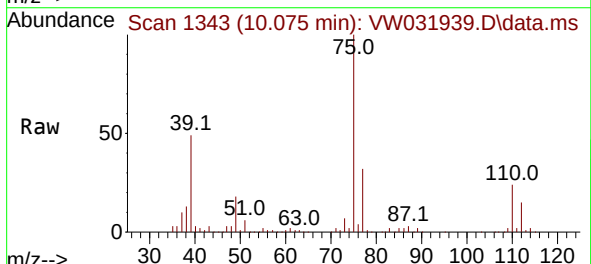
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

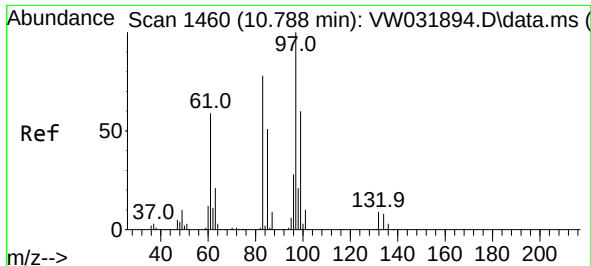
Tgt Ion: 75 Resp: 225773
Ion Ratio Lower Upper
75 100
77 30.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 52.095 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 75 Resp: 255607
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7
39 49.0 39.3 58.9

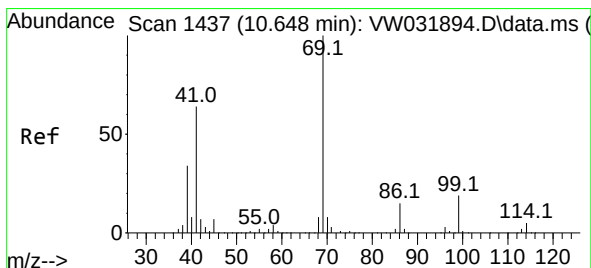
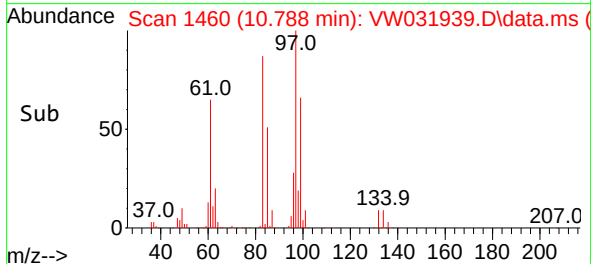
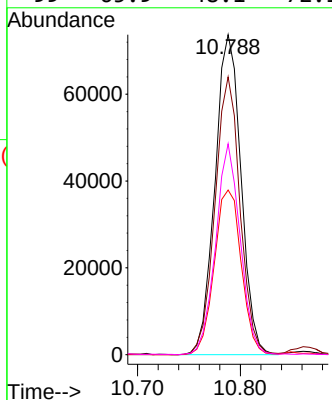
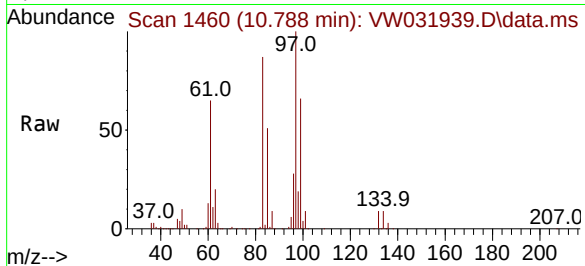




#55
1,1,2-Trichloroethane
Concen: 52.226 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

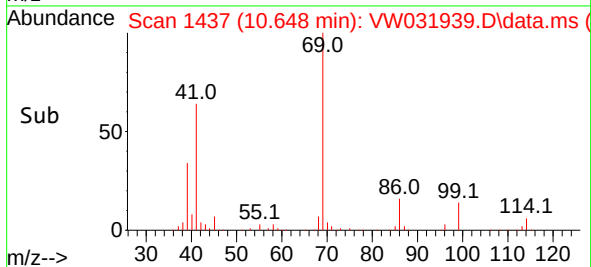
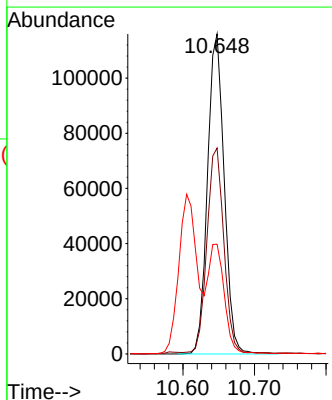
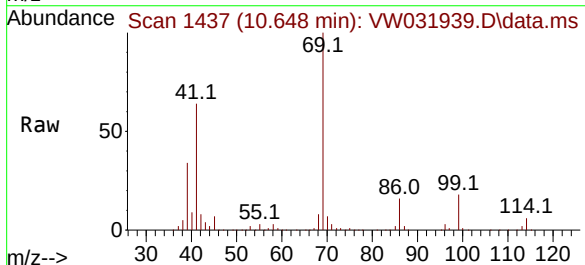
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

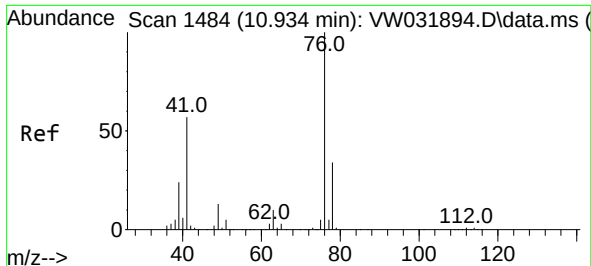
Tgt Ion:	97	Resp:	129578
Ion	Ratio	Lower	Upper
97	100		
83	86.8	62.4	93.6
85	51.4	41.0	61.6
99	65.9	48.1	72.1



#56
Ethyl methacrylate
Concen: 53.685 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion:	69	Resp:	188119
Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.0	78.0
39	32.5	26.6	40.0

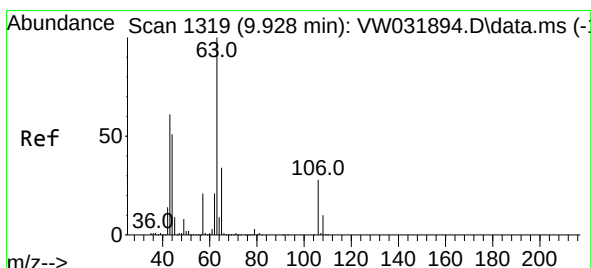
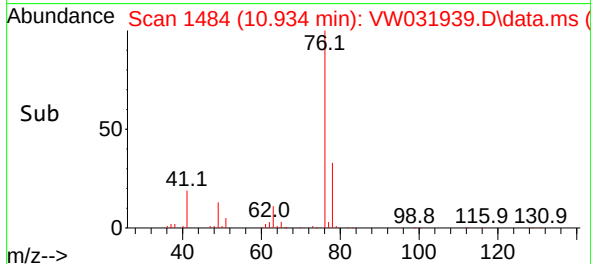
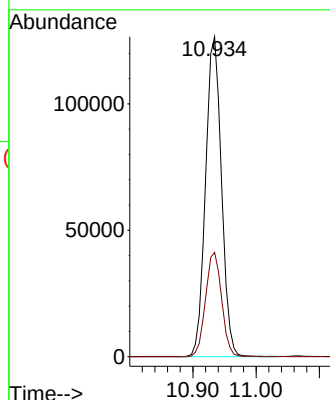
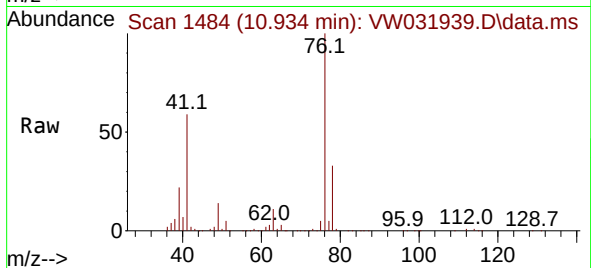




#57
1,3-Dichloropropane
Concen: 50.703 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

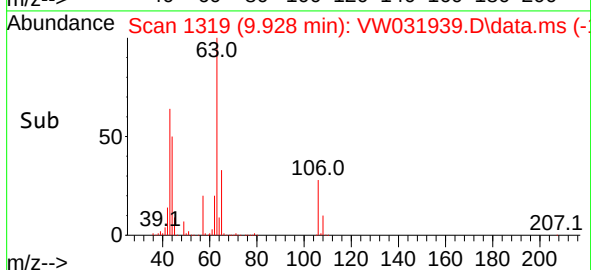
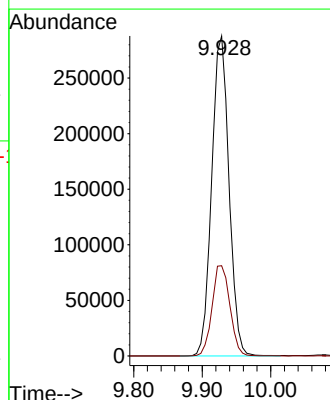
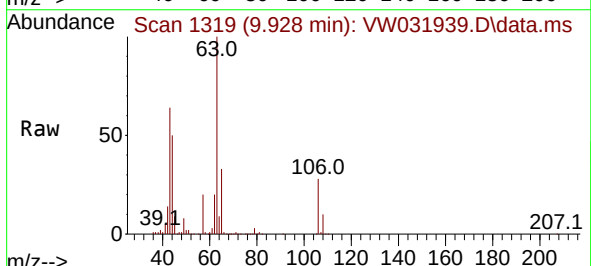
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

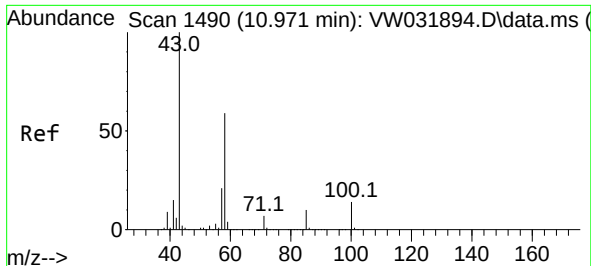
Tgt Ion: 76 Resp: 221624
Ion Ratio Lower Upper
76 100
78 33.0 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 280.703 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 63 Resp: 505235
Ion Ratio Lower Upper
63 100
106 29.1 22.7 34.1

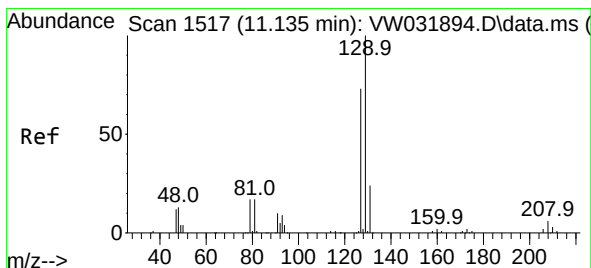
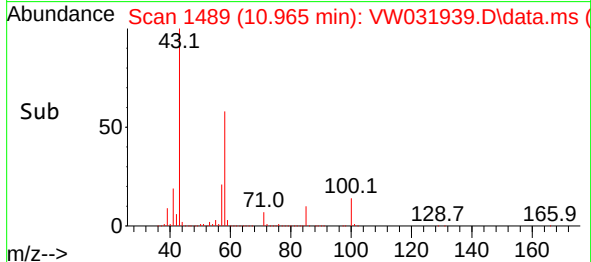
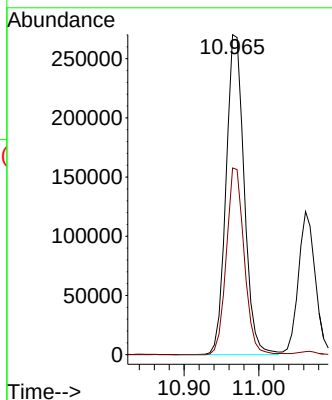
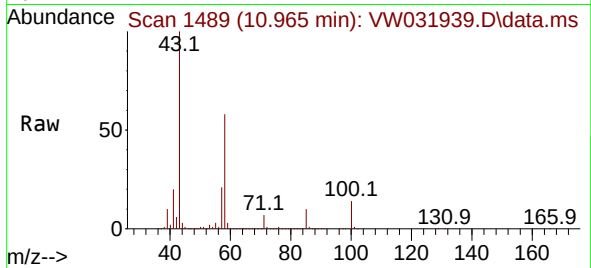




#59
2-Hexanone
Concen: 275.123 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

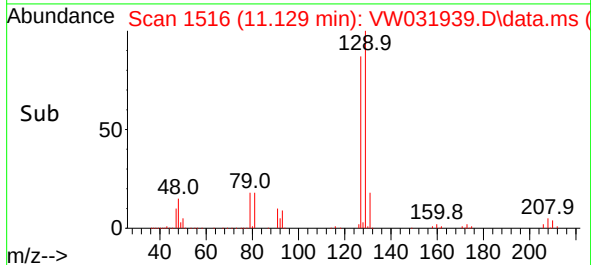
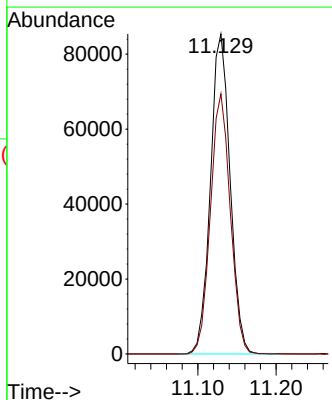
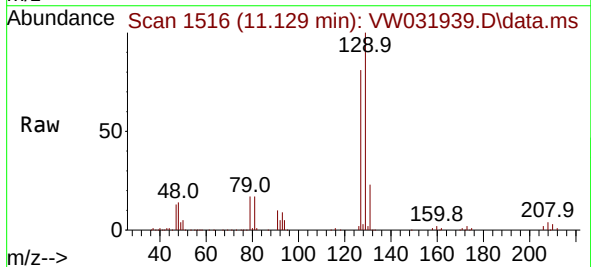
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

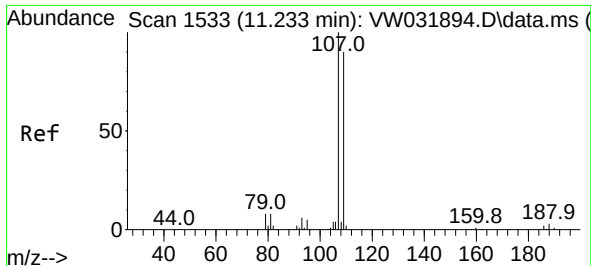
Tgt Ion: 43 Resp: 456822
Ion Ratio Lower Upper
43 100
58 57.4 28.5 85.6



#60
Dibromochloromethane
Concen: 51.435 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 129 Resp: 148791
Ion Ratio Lower Upper
129 100
127 82.0 39.6 118.8

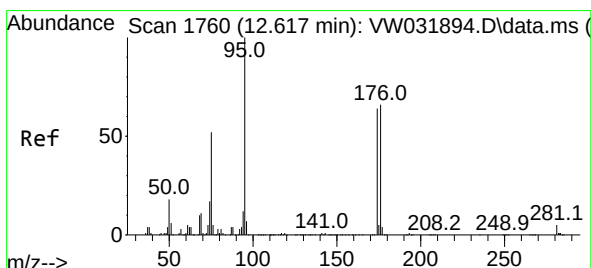
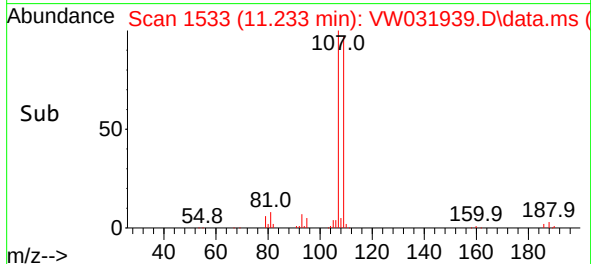
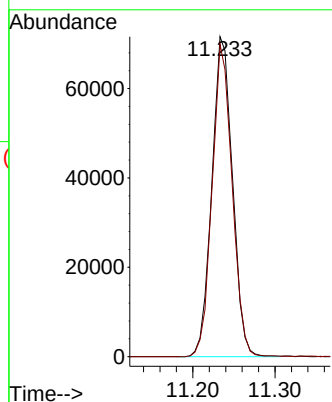
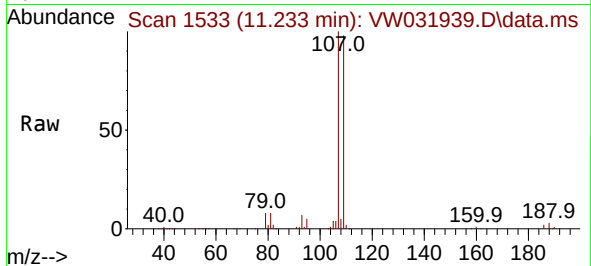




#61
1,2-Dibromoethane
Concen: 50.910 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

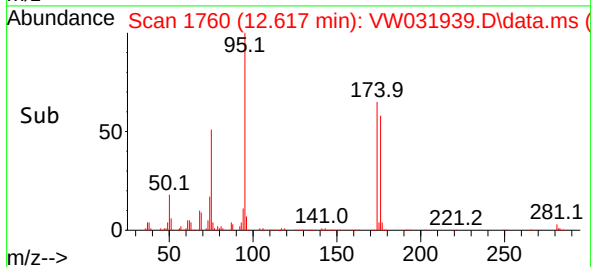
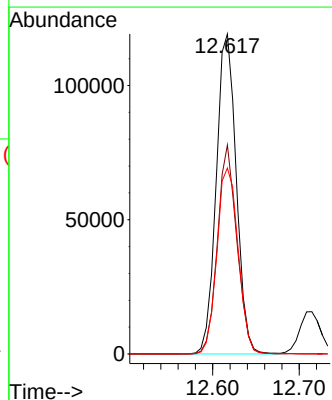
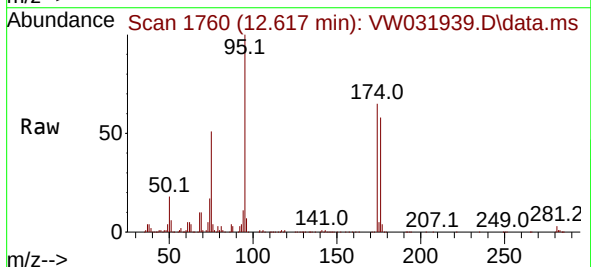
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

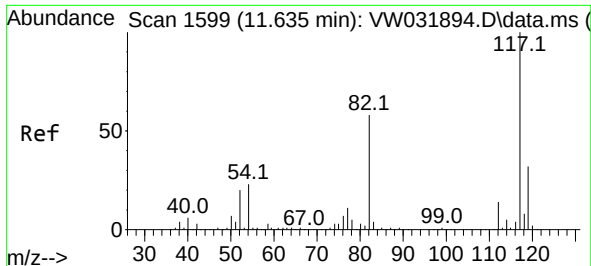
Tgt Ion:107 Resp: 124813
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 47.834 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 95 Resp: 191319
Ion Ratio Lower Upper
95 100
174 63.4 0.0 129.8
176 61.5 0.0 130.4

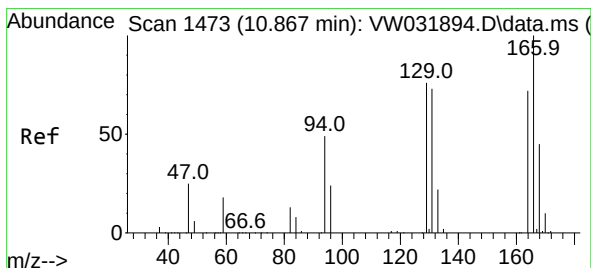
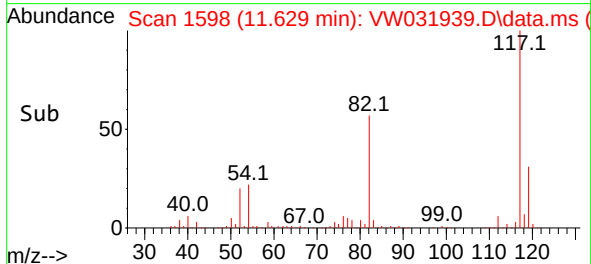
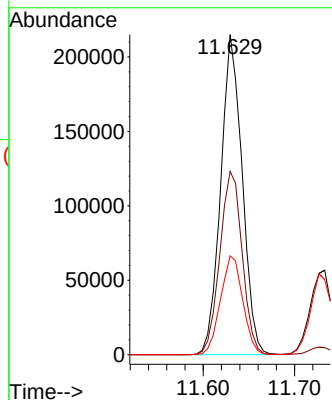
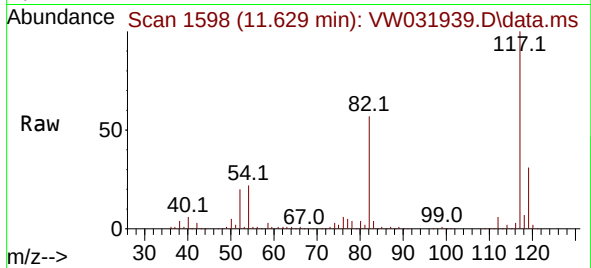




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

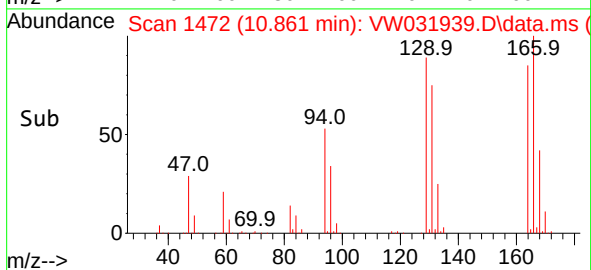
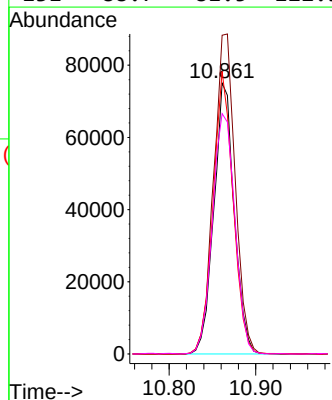
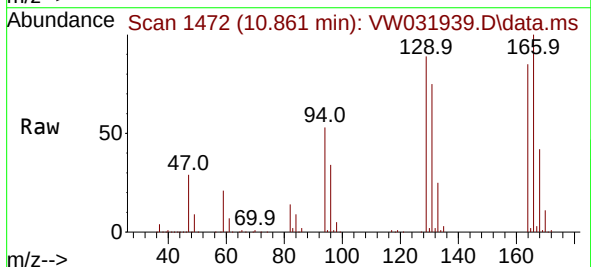
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

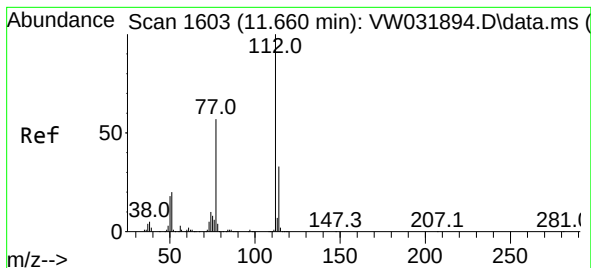
Tgt Ion:117 Resp: 351048
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 30.9 25.8 38.6



#64
Tetrachloroethene
Concen: 52.913 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion:164 Resp: 122468
Ion Ratio Lower Upper
164 100
166 117.7 111.5 167.3
129 104.3 85.1 127.7
131 88.7 81.5 122.3





#65

Chlorobenzene

Concen: 51.443 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

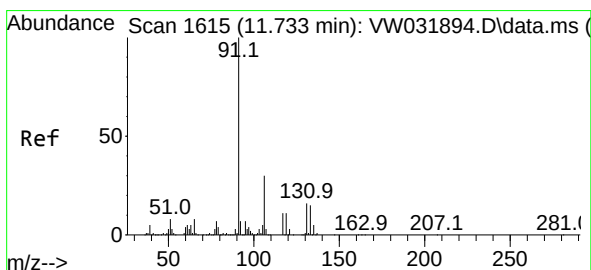
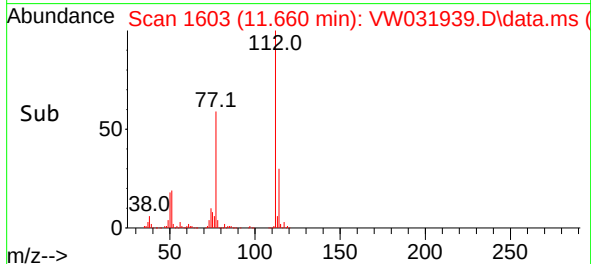
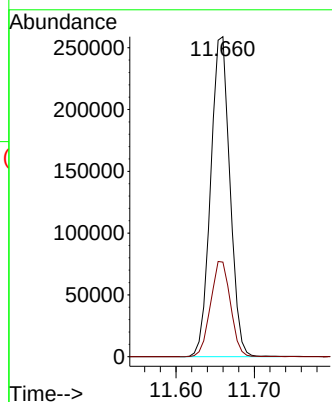
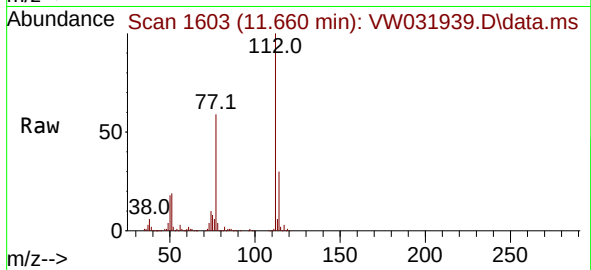
VSTDCCC050

Tgt Ion:112 Resp: 441981

Ion Ratio Lower Upper

112 100

114 29.6 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.804 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

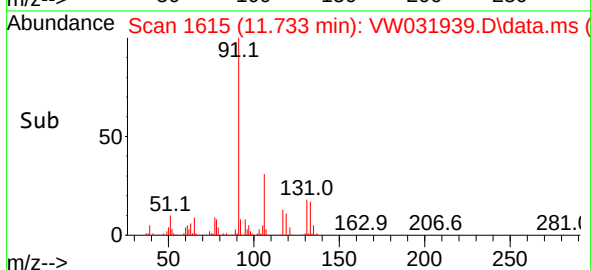
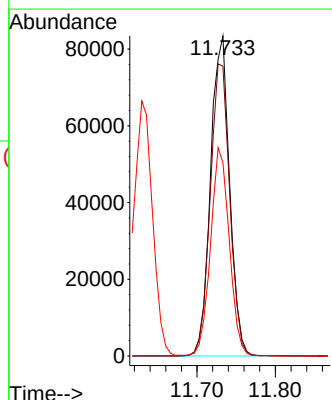
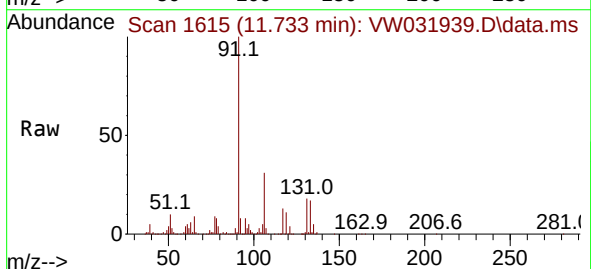
Tgt Ion:131 Resp: 140646

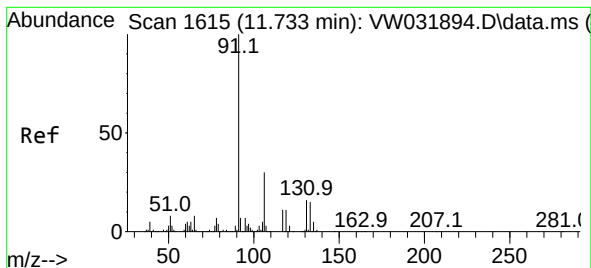
Ion Ratio Lower Upper

131 100

133 93.7 48.1 144.4

119 64.1 33.7 101.1

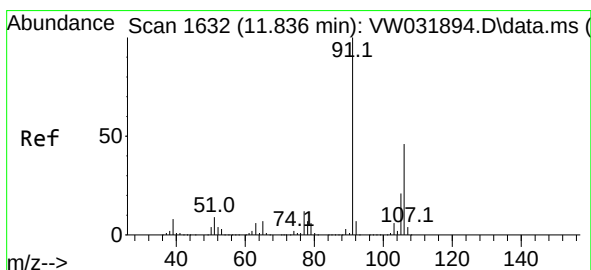
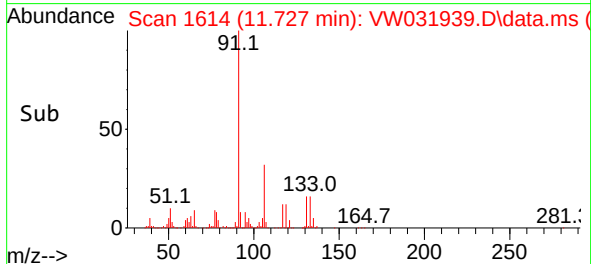
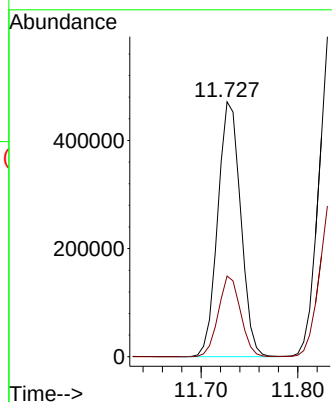
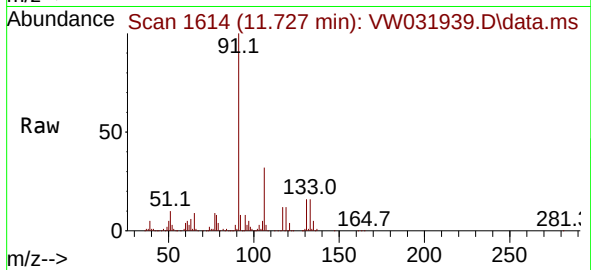




#67
Ethyl Benzene
Concen: 51.380 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

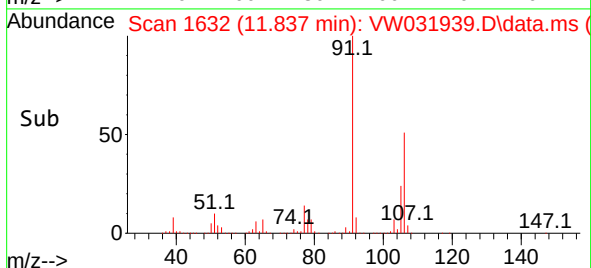
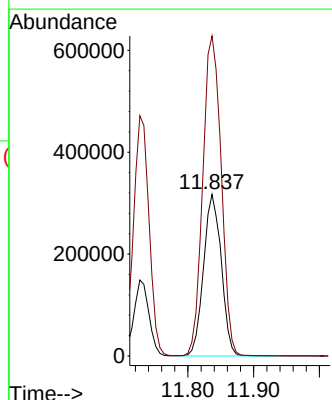
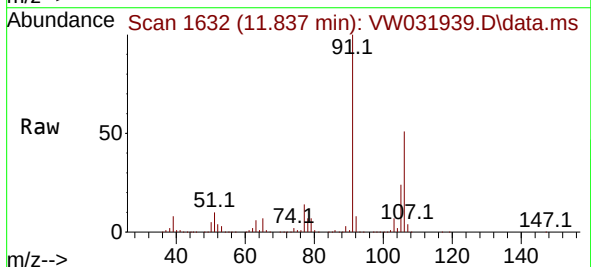
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

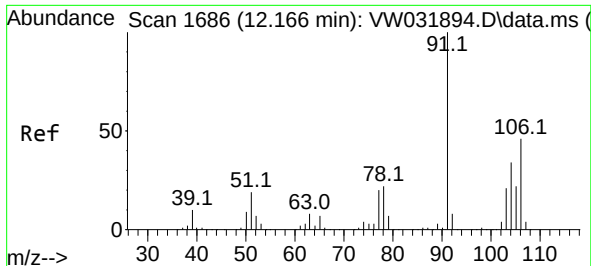
Tgt Ion: 91 Resp: 775615
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.6



#68
m/p-Xylenes
Concen: 104.620 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 106 Resp: 594540
Ion Ratio Lower Upper
106 100
91 206.1 167.7 251.5

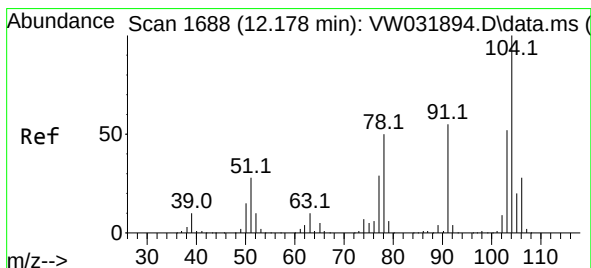
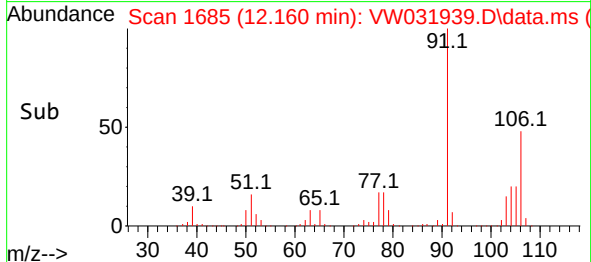
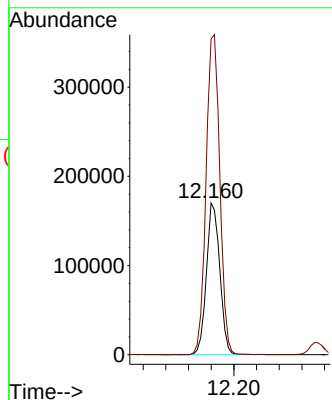
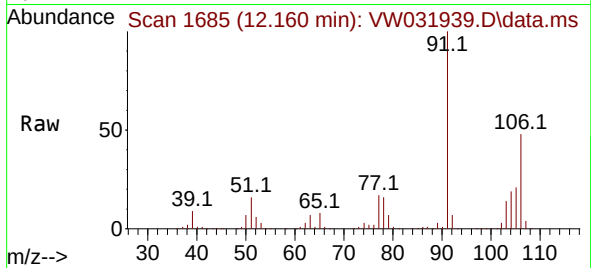




#69
o-Xylene
Concen: 51.867 ug/l
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

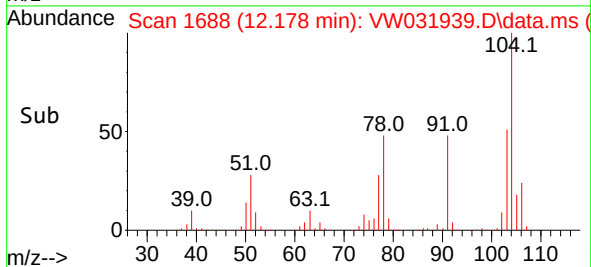
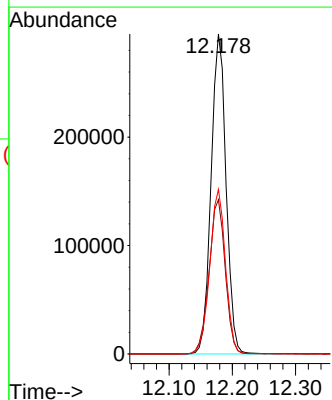
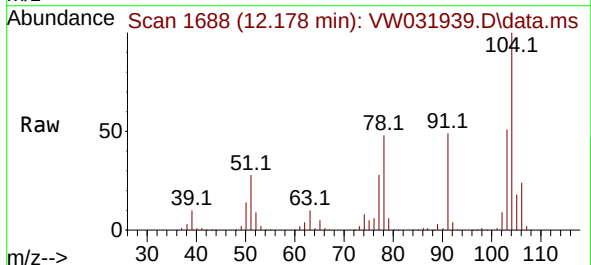
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

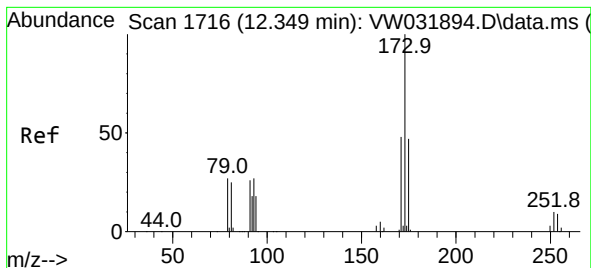
Tgt Ion:106 Resp: 278947
Ion Ratio Lower Upper
106 100
91 216.7 108.2 324.6



#70
Styrene
Concen: 53.033 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion:104 Resp: 485601
Ion Ratio Lower Upper
104 100
78 52.3 42.2 63.4
103 54.2 42.8 64.2





#71

Bromoform

Concen: 58.201 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

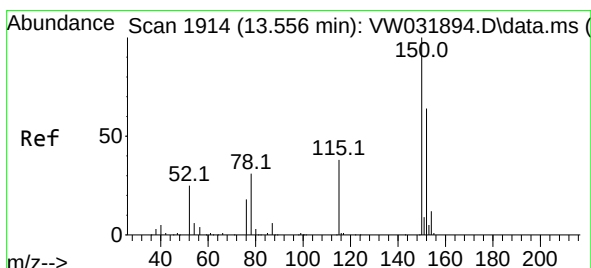
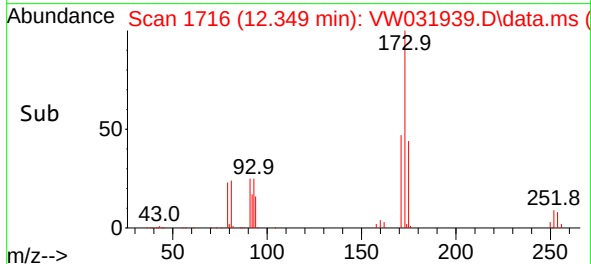
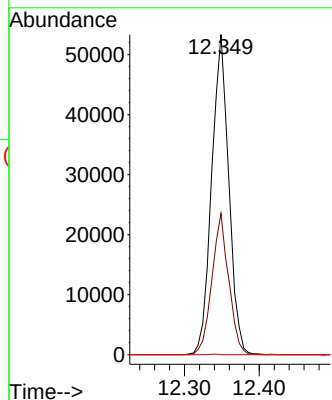
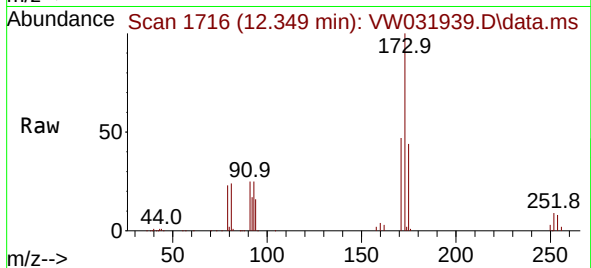
Tgt Ion:173 Resp: 84781

Ion Ratio Lower Upper

173 100

175 43.3 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: VW031939.D

Acq: 28 Jul 2025 11:03

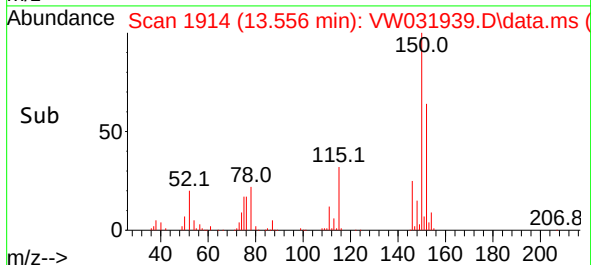
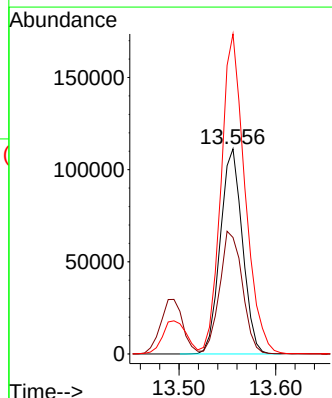
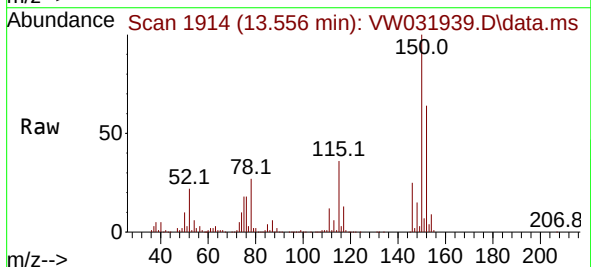
Tgt Ion:152 Resp: 176354

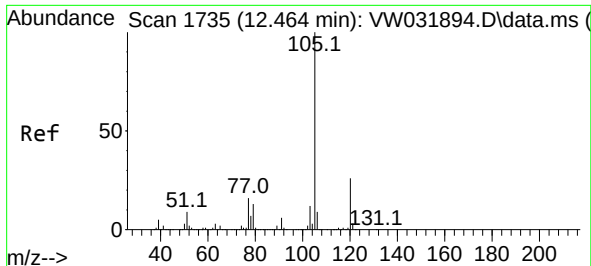
Ion Ratio Lower Upper

152 100

115 61.7 33.4 100.1

150 168.9 0.0 352.2

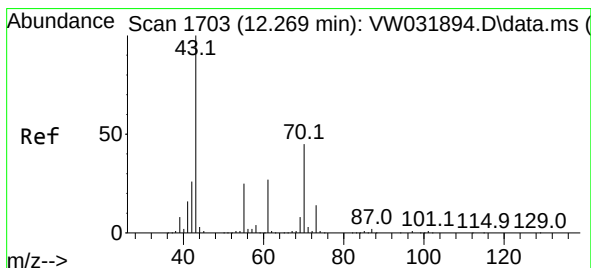
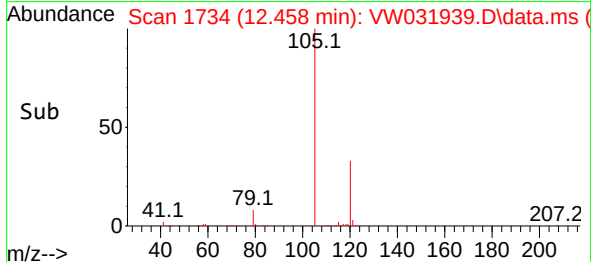
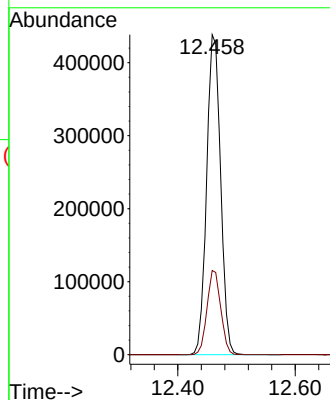
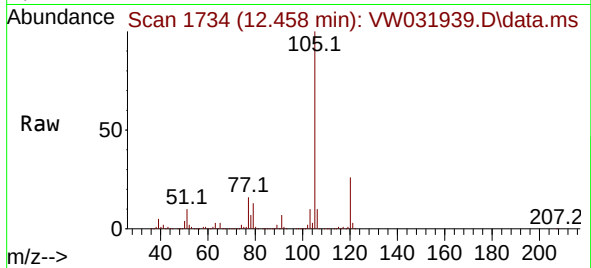




#73
Isopropylbenzene
Concen: 47.170 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

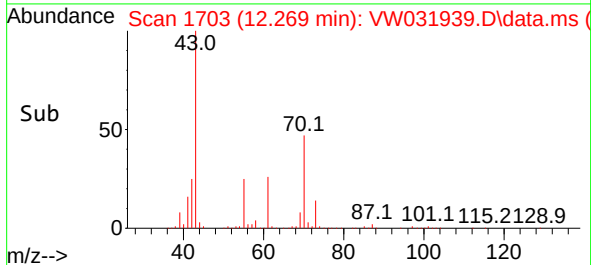
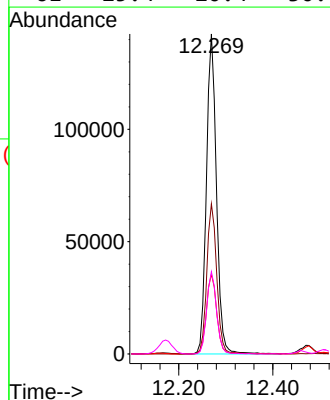
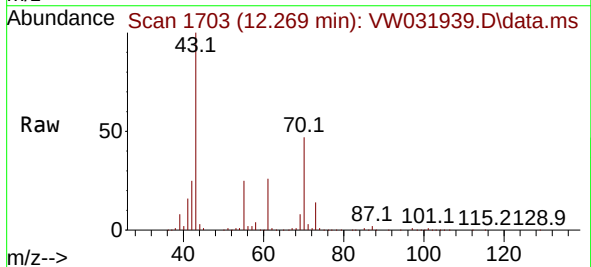
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

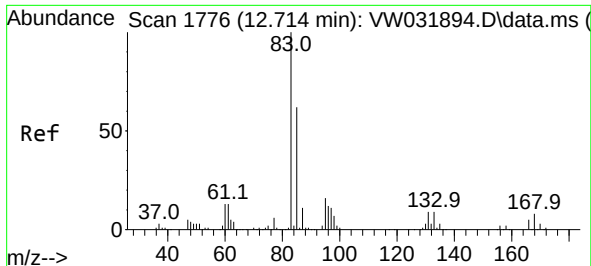
Tgt Ion:105 Resp: 721771
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8



#74
N-ethyl acetate
Concen: 50.819 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 43 Resp: 210223
Ion Ratio Lower Upper
43 100
70 46.5 36.6 55.0
55 25.7 20.7 31.1
61 25.4 20.4 30.6

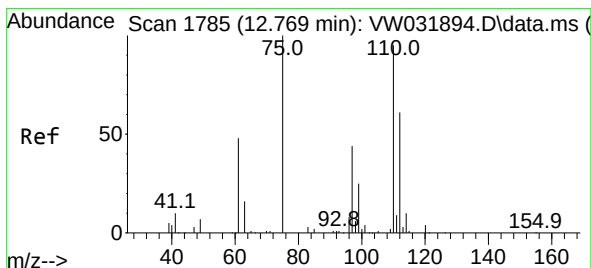
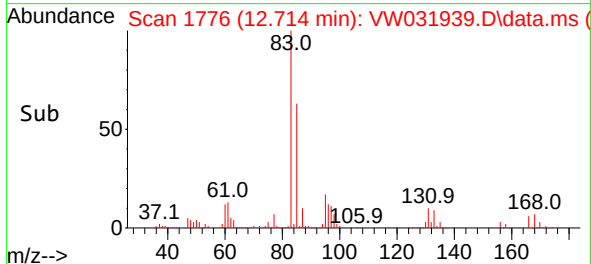
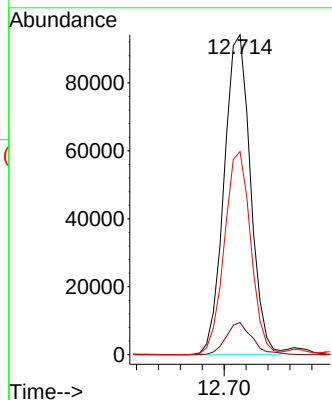
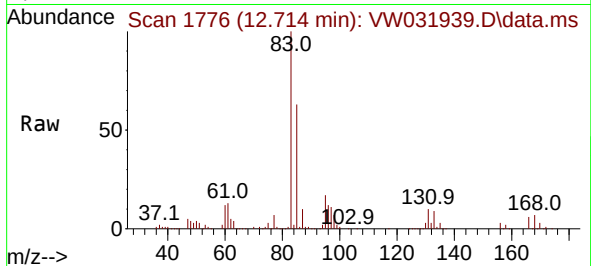




#75
1,1,2,2-Tetrachloroethane
Concen: 48.466 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

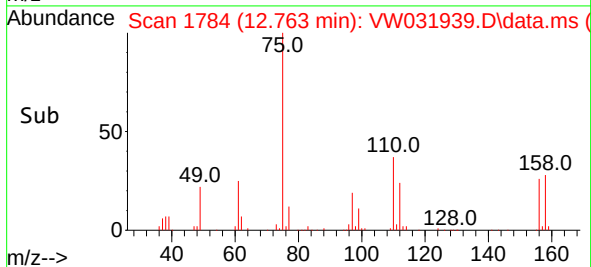
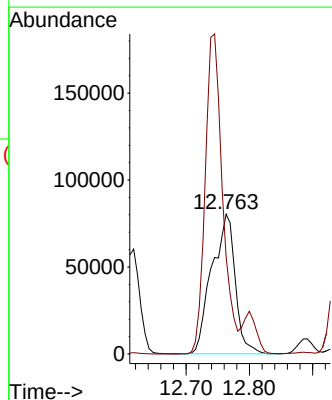
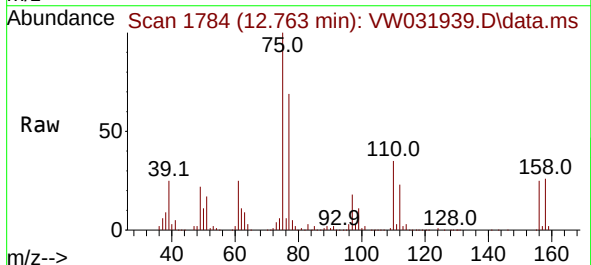
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

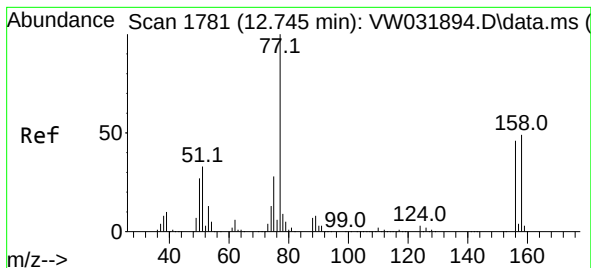
Tgt Ion: 83 Resp: 157414
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.7 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 84.806 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 75 Resp: 206489
Ion Ratio Lower Upper
75 100
77 170.3 0.0 0.0#

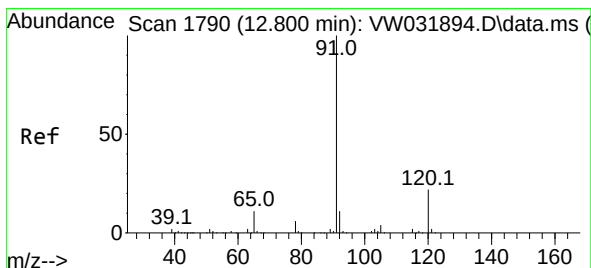
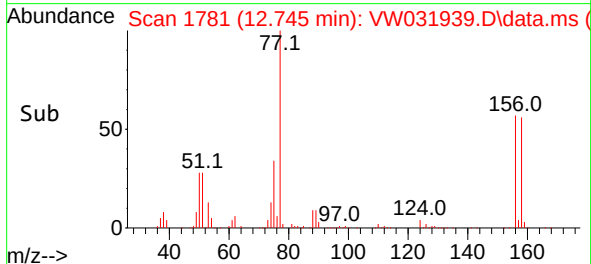
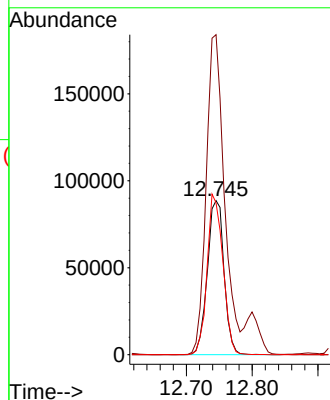
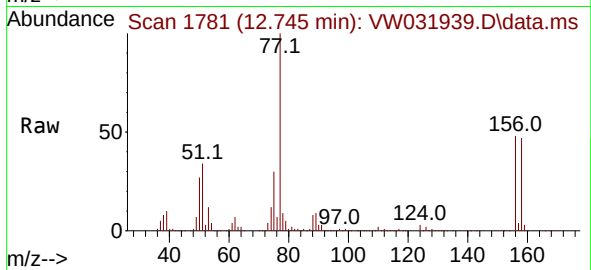




#77
Bromobenzene
Concen: 47.228 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

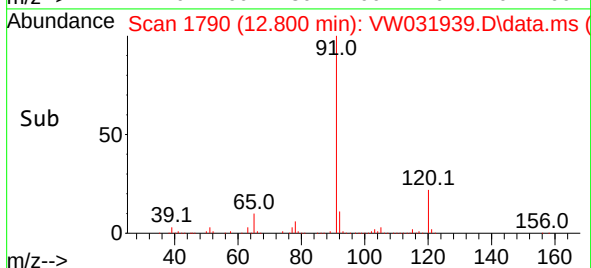
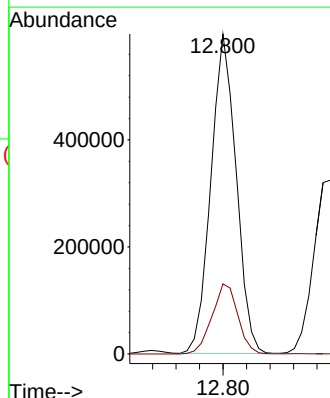
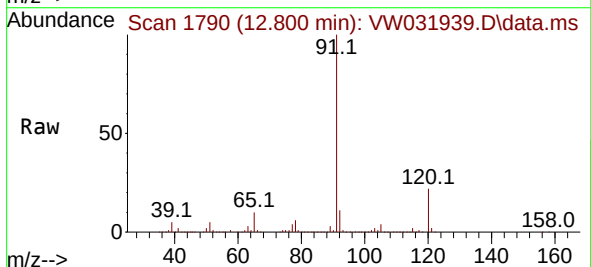
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

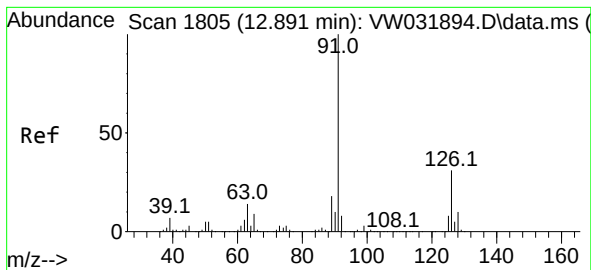
Tgt Ion:156 Resp: 156362
Ion Ratio Lower Upper
156 100
77 224.9 115.3 345.8
158 99.1 50.1 150.3



#78
n-propylbenzene
Concen: 47.319 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 91 Resp: 889266
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.6

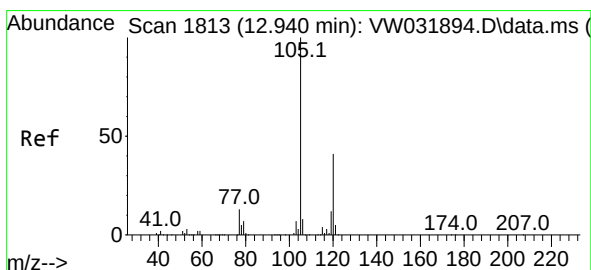
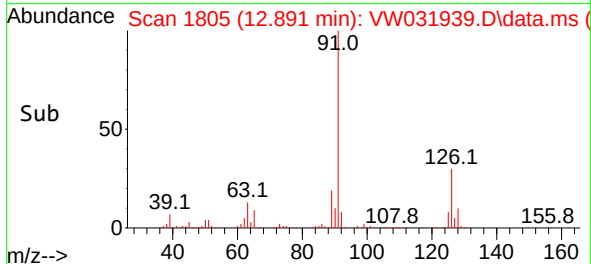
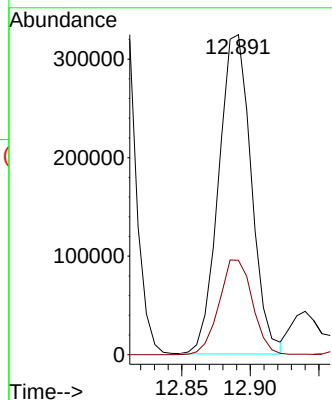
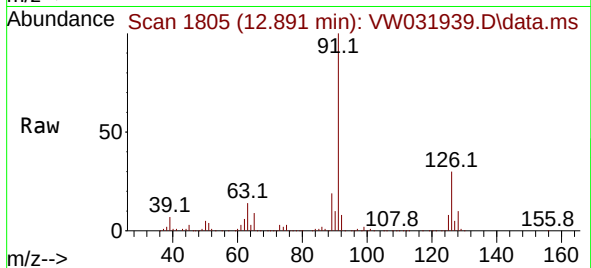




#79
2-Chlorotoluene
Concen: 47.929 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

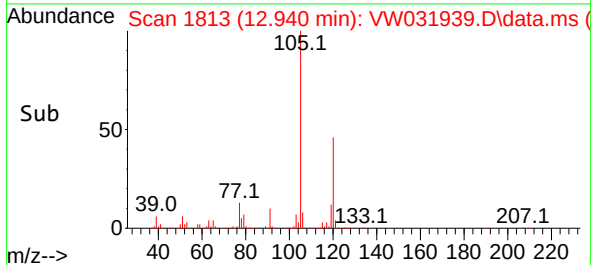
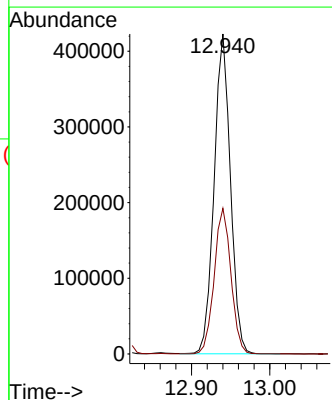
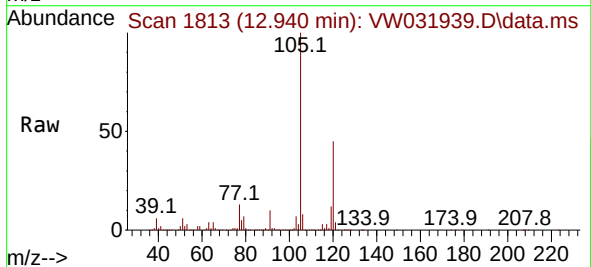
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

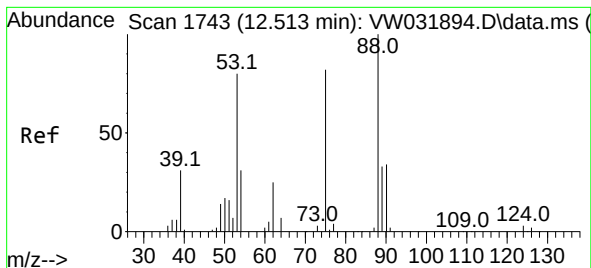
Tgt Ion: 91 Resp: 537798
Ion Ratio Lower Upper
91 100
126 30.4 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 47.614 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 105 Resp: 611039
Ion Ratio Lower Upper
105 100
120 46.7 23.5 70.5

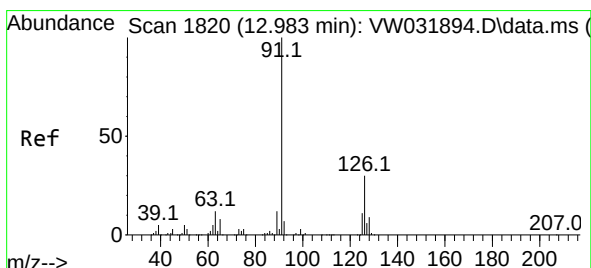
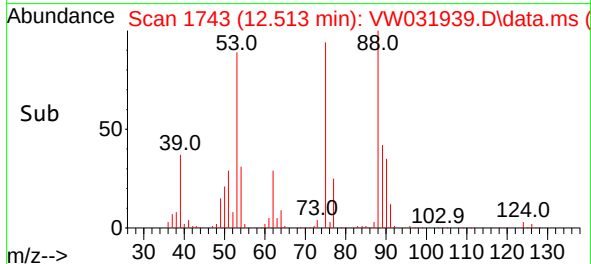
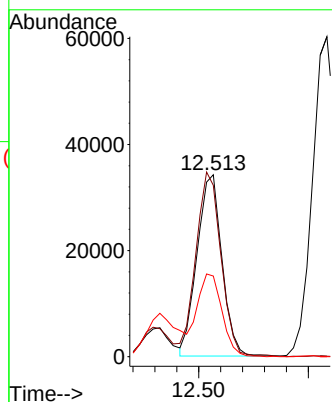
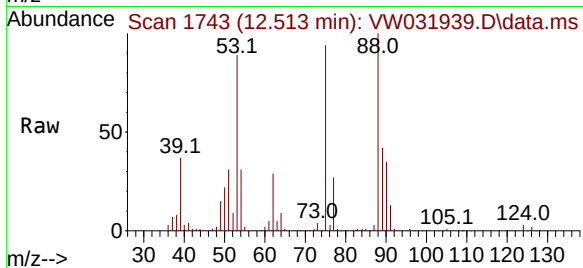




#81
trans-1,4-Dichloro-2-butene
Concen: 51.071 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

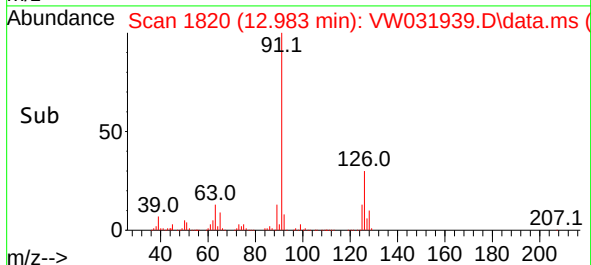
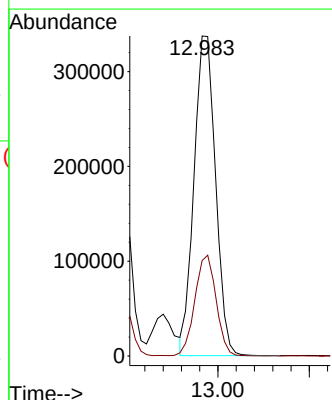
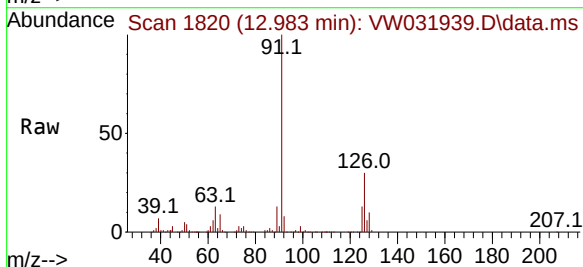
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

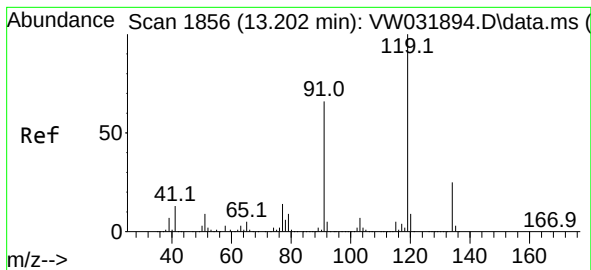
Tgt Ion:	75	Resp:	53861
Ion	Ratio	Lower	Upper
75	100		
53	104.5	83.7	125.5
89	45.5	39.0	58.6



#82
4-Chlorotoluene
Concen: 46.954 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion:	91	Resp:	552715
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.8	47.3

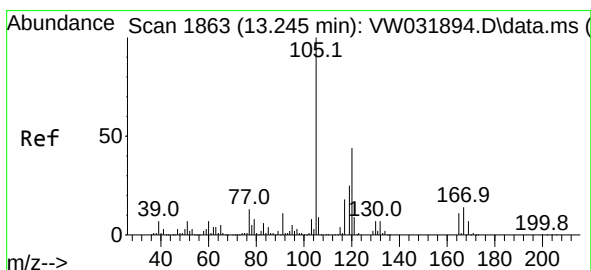
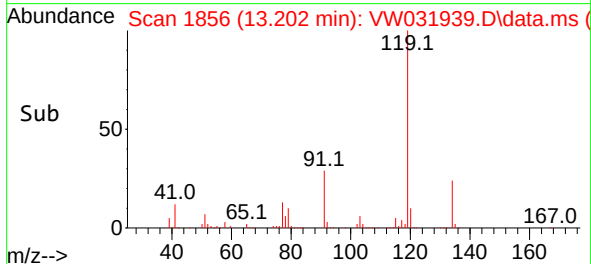
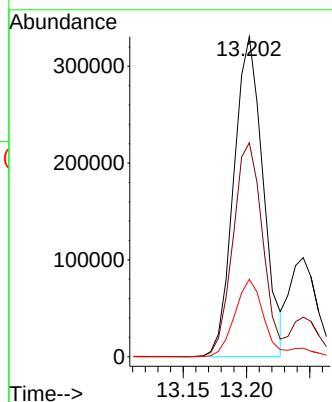
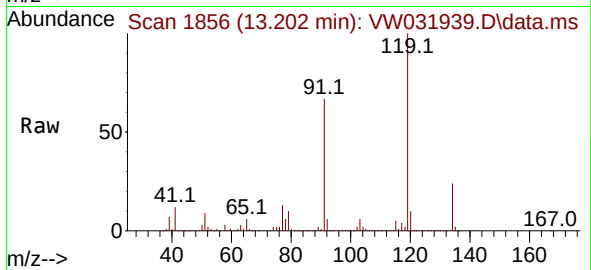




#83
tert-Butylbenzene
Concen: 48.867 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

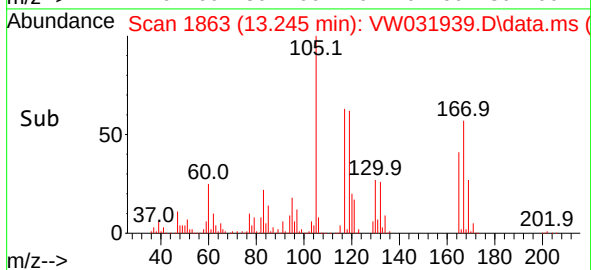
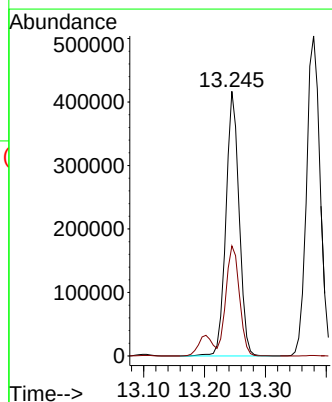
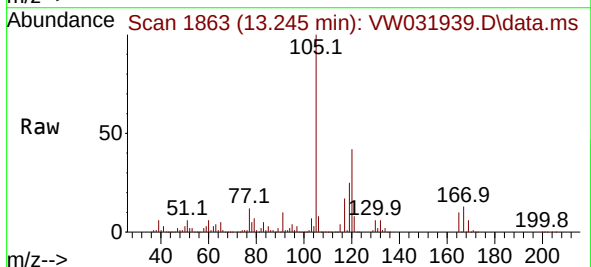
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

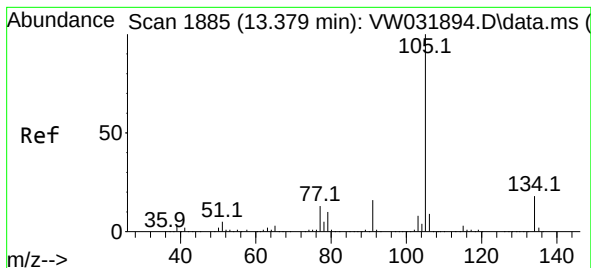
Tgt Ion:119 Resp: 534180
Ion Ratio Lower Upper
119 100
91 67.5 35.5 106.5
134 23.7 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 48.076 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion:105 Resp: 624473
Ion Ratio Lower Upper
105 100
120 42.7 21.3 63.9

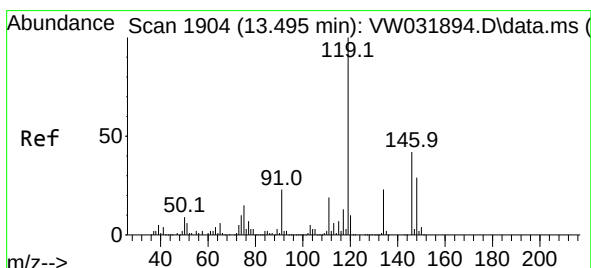
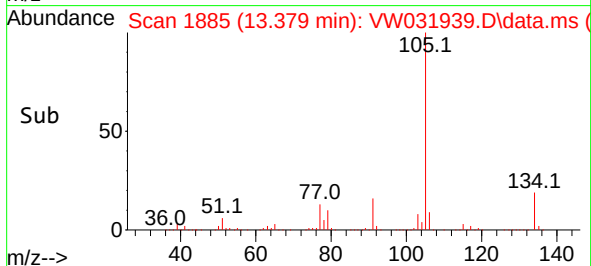
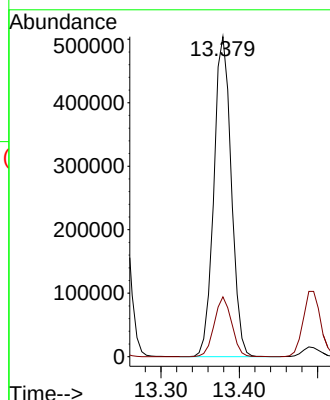
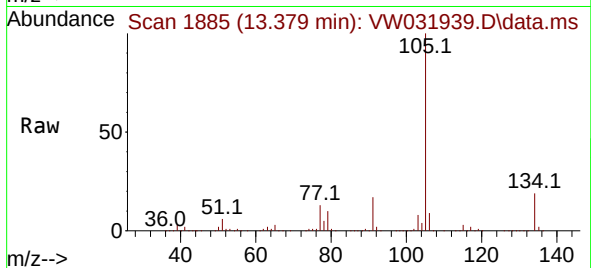




#85
 sec-Butylbenzene
 Concen: 47.417 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031939.D
 Acq: 28 Jul 2025 11:03

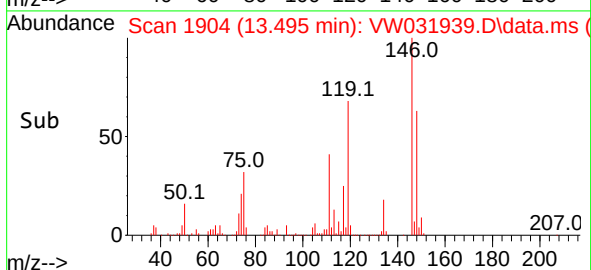
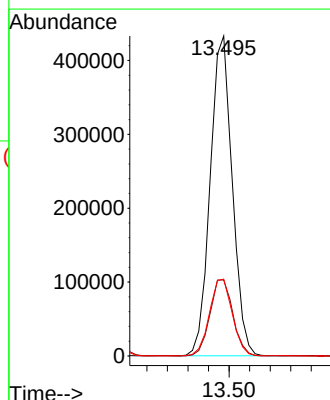
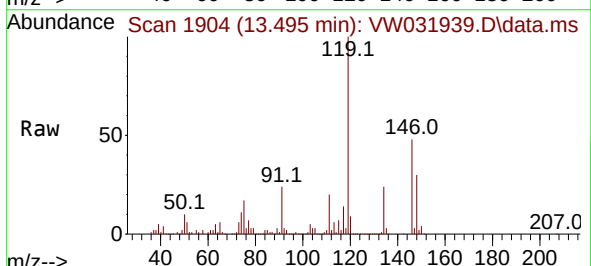
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

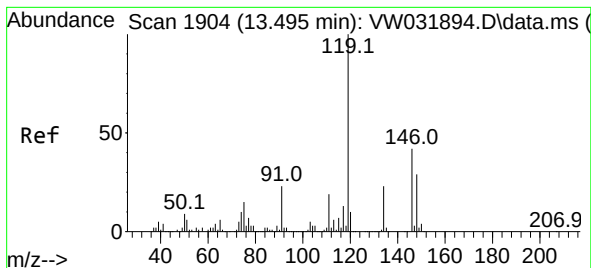
Tgt Ion:105 Resp: 778410
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 47.586 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031939.D
 Acq: 28 Jul 2025 11:03

Tgt Ion:119 Resp: 645682
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 39.0
 91 24.7 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 46.632 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

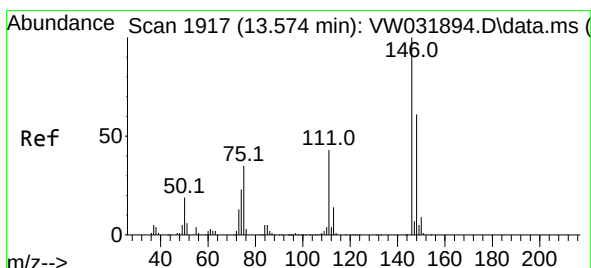
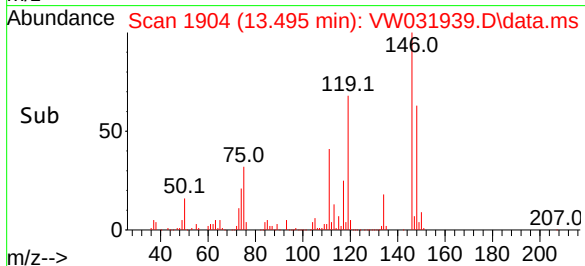
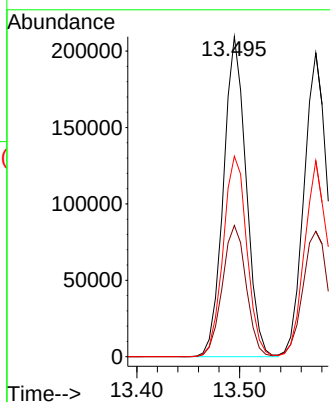
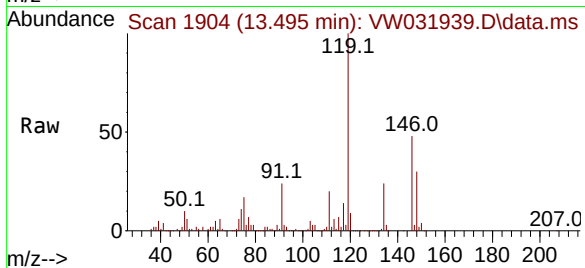
Tgt Ion:146 Resp: 321371

Ion Ratio Lower Upper

146 100

111 43.0 21.9 65.7

148 65.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.789 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

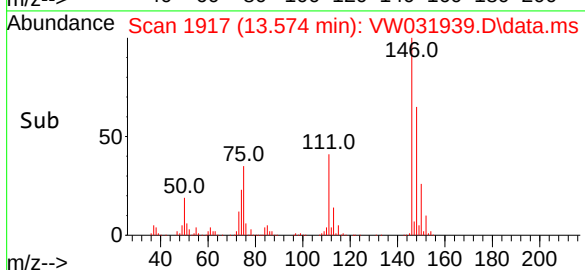
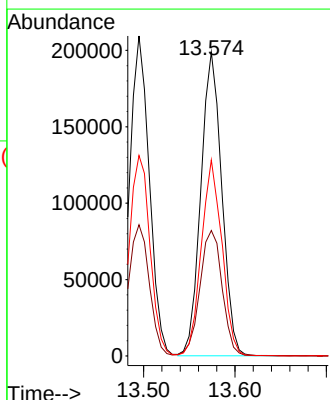
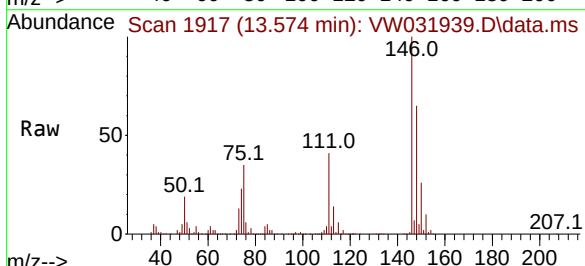
Tgt Ion:146 Resp: 315878

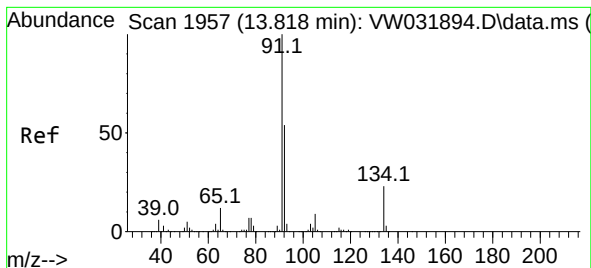
Ion Ratio Lower Upper

146 100

111 44.0 22.1 66.3

148 63.6 31.8 95.3





#89

n-Butylbenzene

Concen: 47.697 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

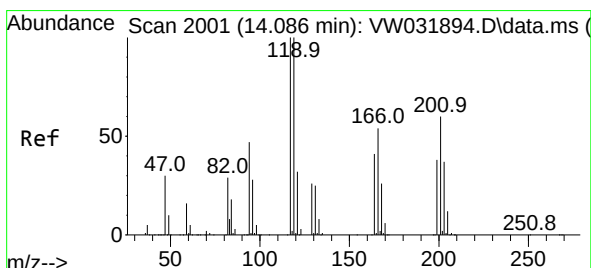
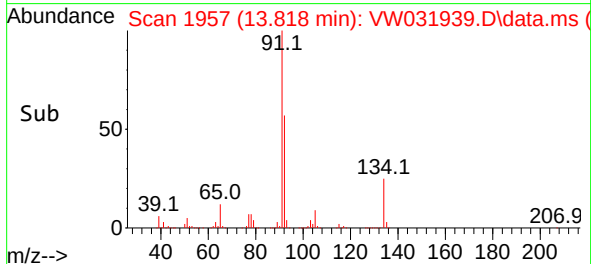
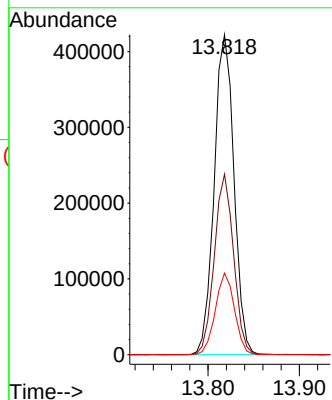
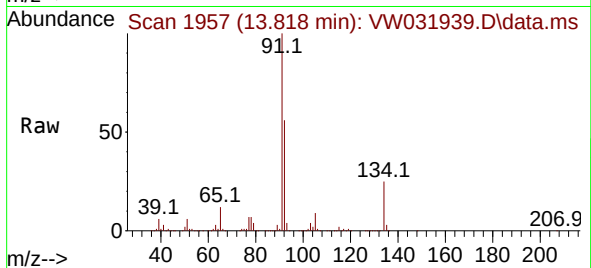
Tgt Ion: 91 Resp: 634874

Ion Ratio Lower Upper

91 100

92 55.0 27.2 81.5

134 24.7 11.6 34.7



#90

Hexachloroethane

Concen: 50.292 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031939.D

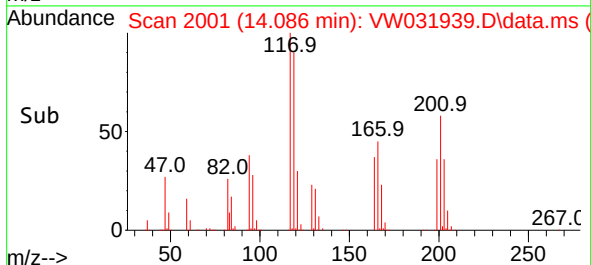
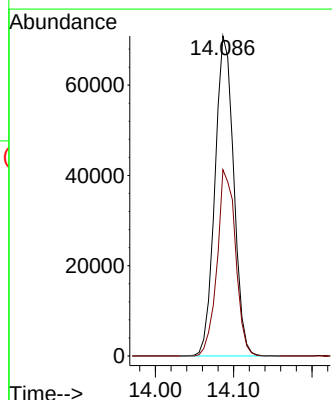
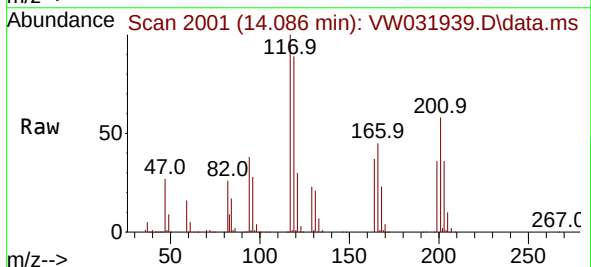
Acq: 28 Jul 2025 11:03

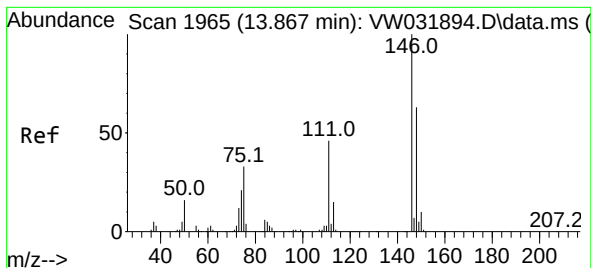
Tgt Ion: 117 Resp: 118000

Ion Ratio Lower Upper

117 100

201 57.1 28.4 85.2

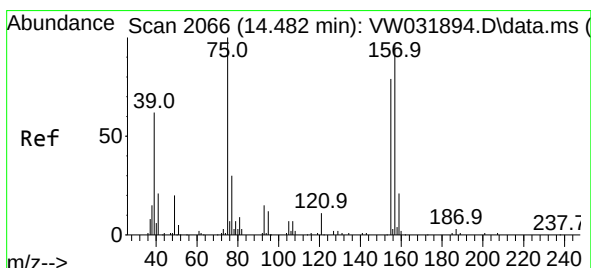
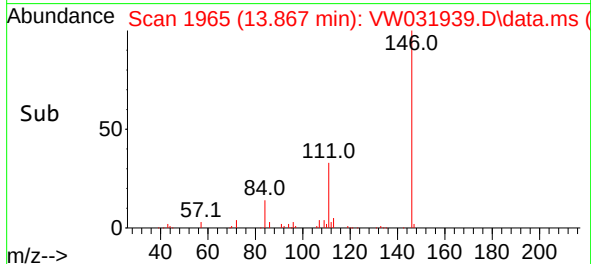
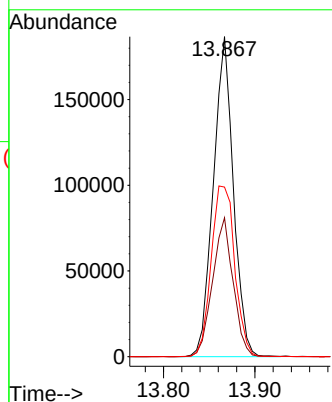
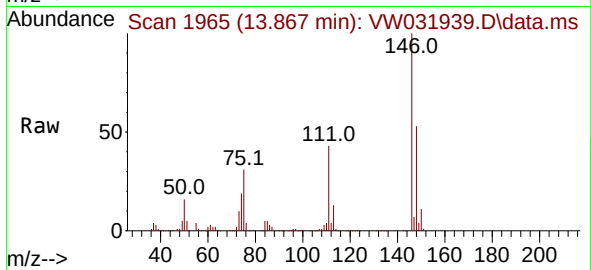




#91
1,2-Dichlorobenzene
Concen: 46.550 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

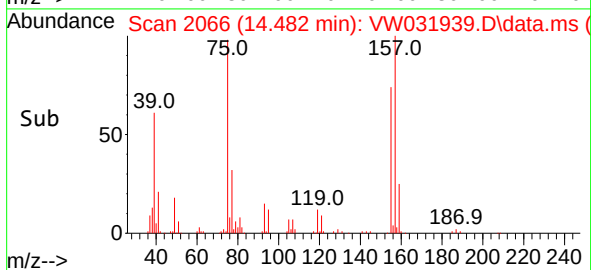
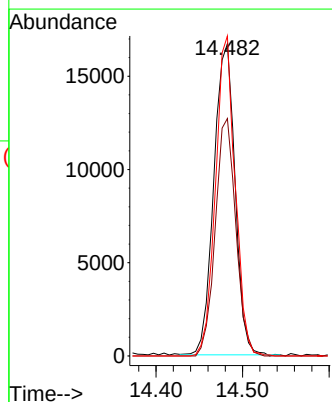
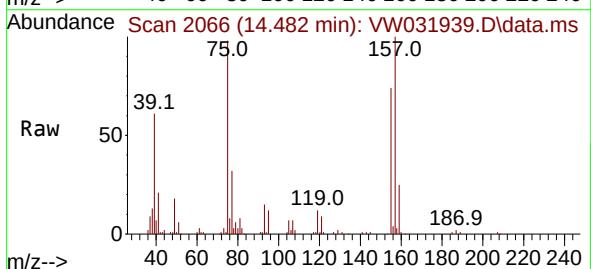
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

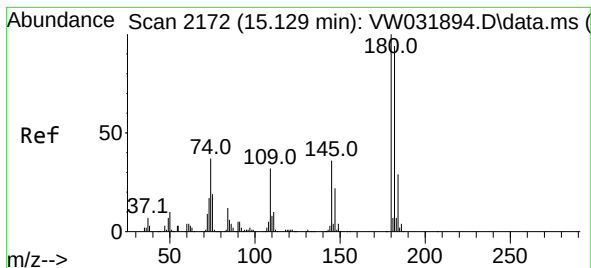
Tgt Ion:146 Resp: 284315
Ion Ratio Lower Upper
146 100
111 44.6 23.6 71.0
148 62.8 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.203 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion: 75 Resp: 28285
Ion Ratio Lower Upper
75 100
155 74.2 35.9 107.7
157 95.5 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 48.130 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

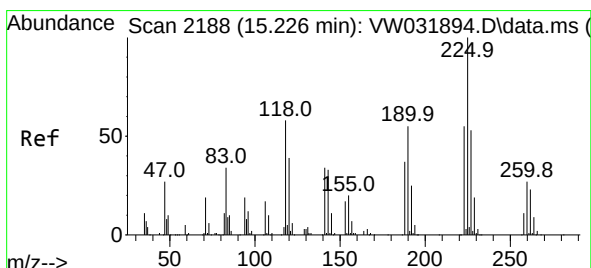
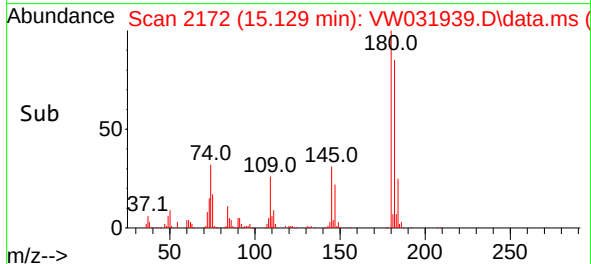
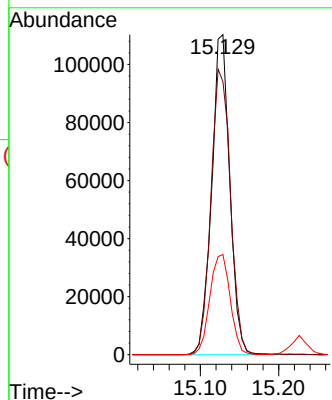
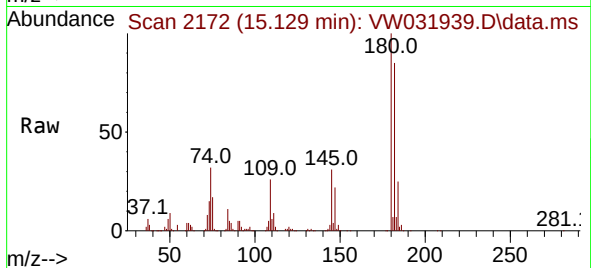
Tgt Ion:180 Resp: 177281

Ion Ratio Lower Upper

180 100

182 96.3 51.0 153.1

145 35.2 18.4 55.4



#94

Hexachlorobutadiene

Concen: 47.736 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031939.D

Acq: 28 Jul 2025 11:03

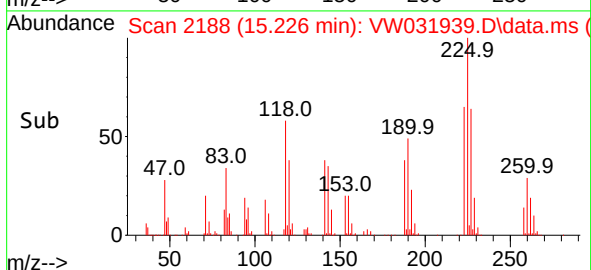
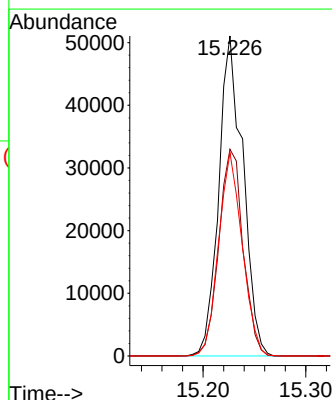
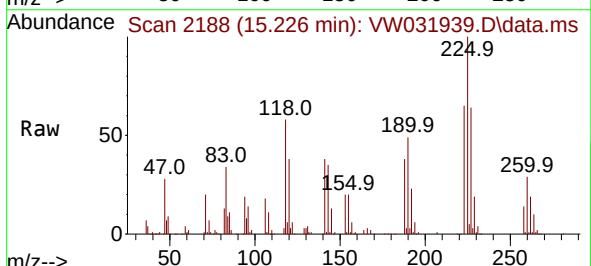
Tgt Ion:225 Resp: 83318

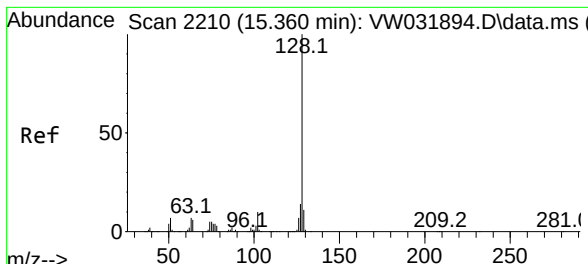
Ion Ratio Lower Upper

225 100

223 64.8 30.9 92.7

227 62.2 30.0 90.1



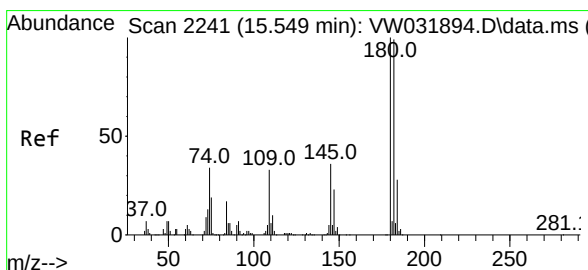
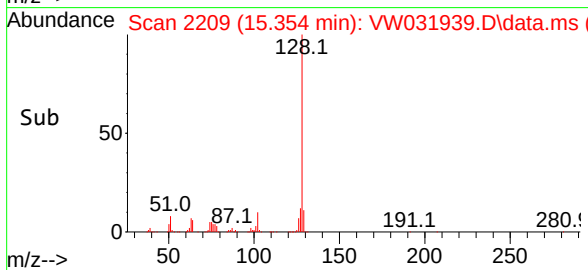
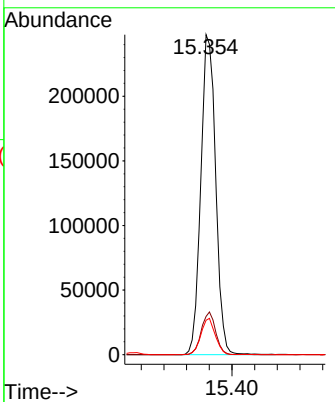
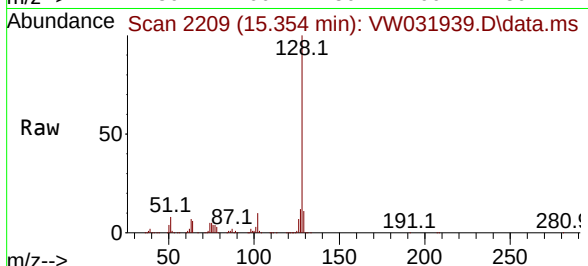


#95
Naphthalene
Concen: 49.698 ug/l
RT: 15.354 min Scan# 211
Delta R.T. -0.006 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 450052

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	11.0	9.2	13.8



#96
1,2,3-Trichlorobenzene
Concen: 47.935 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031939.D
Acq: 28 Jul 2025 11:03

Tgt Ion:180 Resp: 159974

Ion	Ratio	Lower	Upper
180	100		
182	92.4	50.4	151.2
145	36.8	18.6	55.8

