

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031738.D
 Acq On : 01 Jul 2025 10:03
 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 02 03:50:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 02 03:49:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	235134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	401316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	359097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	172652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	162176	48.060	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	96.120%
35) Dibromofluoromethane	7.898	113	134557	51.382	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	102.760%
50) Toluene-d8	10.325	98	510063	52.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	104.680%
62) 4-Bromofluorobenzene	12.617	95	188662	52.606	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	105.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	78134	48.793	ug/l	95
3) Chloromethane	2.253	50	93703	48.536	ug/l	100
4) Vinyl Chloride	2.405	62	126943	50.026	ug/l	97
5) Bromomethane	2.820	94	94105	47.480	ug/l	98
6) Chloroethane	2.972	64	83966	48.714	ug/l	99
7) Trichlorofluoromethane	3.302	101	107729	46.747	ug/l	95
8) Diethyl Ether	3.716	74	84206	48.087	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.094	101	125604	49.104	ug/l	99
10) Methyl Iodide	4.301	142	186613	47.324	ug/l	97
11) Tert butyl alcohol	5.216	59	51594	246.795	ug/l	99
12) 1,1-Dichloroethene	4.076	96	137160	48.955	ug/l	97
13) Acrolein	3.929	56	84154	223.967	ug/l	97
14) Allyl chloride	4.698	41	216897	50.456	ug/l	99
15) Acrylonitrile	5.399	53	214008	248.520	ug/l	100
16) Acetone	4.155	43	197140	236.362	ug/l	99
17) Carbon Disulfide	4.411	76	370267	49.387	ug/l	97
18) Methyl Acetate	4.704	43	109408	45.898	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	246785	51.895	ug/l	100
20) Methylene Chloride	4.948	84	161304	48.317	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	149047	50.065	ug/l	97
22) Diisopropyl ether	6.331	45	433571	51.715	ug/l	94
23) Vinyl Acetate	6.277	43	1518068	265.092	ug/l	99
24) 1,1-Dichloroethane	6.240	63	271120	49.879	ug/l	99
25) 2-Butanone	7.191	43	282012	259.899	ug/l	96
26) 2,2-Dichloropropane	7.179	77	157722	49.734	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	172202	50.321	ug/l	100
28) Bromochloromethane	7.526	49	114765	47.846	ug/l	100
29) Tetrahydrofuran	7.551	42	189811	255.433	ug/l	99
30) Chloroform	7.691	83	287237	49.732	ug/l	96
31) Cyclohexane	7.965	56	227762	47.404	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	226104	50.799	ug/l	99
36) 1,1-Dichloropropene	8.093	75	203021	53.575	ug/l	99
37) Ethyl Acetate	7.264	43	128330	53.684	ug/l	99
38) Carbon Tetrachloride	8.081	117	203973	52.821	ug/l	94
39) Methylcyclohexane	9.343	83	252806	53.620	ug/l	99
40) Benzene	8.331	78	590494	52.668	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	75165	58.697	ug/l	98
42) 1,2-Dichloroethane	8.410	62	199066	52.548	ug/l	99
43) Isopropyl Acetate	8.435	43	226850	55.052	ug/l	100
44) Trichloroethene	9.099	130	143951	51.442	ug/l	95
45) 1,2-Dichloropropane	9.374	63	142724	52.672	ug/l	99
46) Dibromomethane	9.465	93	93077	53.205	ug/l	98
47) Bromodichloromethane	9.648	83	216645	52.811	ug/l	98
48) Methyl methacrylate	9.441	41	107897	53.252	ug/l	99
49) 1,4-Dioxane	9.459	88	20404	995.855	ug/l #	96
51) 4-Methyl-2-Pentanone	10.209	43	644400	272.012	ug/l	100
52) Toluene	10.392	92	381926	53.205	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	213409	55.446	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	238290	54.612	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	120240	52.471	ug/l	94
56) Ethyl methacrylate	10.648	69	174064	55.989	ug/l	98
57) 1,3-Dichloropropane	10.934	76	210306	52.272	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	468641	273.756	ug/l	100
59) 2-Hexanone	10.965	43	447463	278.734	ug/l	99
60) Dibromochloromethane	11.129	129	147739	53.914	ug/l	100
61) 1,2-Dibromoethane	11.233	107	122678	53.477	ug/l	99
64) Tetrachloroethene	10.861	164	117728	50.120	ug/l	90
65) Chlorobenzene	11.654	112	418982	52.882	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	138759	54.959	ug/l	98
67) Ethyl Benzene	11.727	91	737033	53.647	ug/l	99
68) m/p-Xylenes	11.837	106	567959	107.541	ug/l	97
69) o-Xylene	12.166	106	263124	53.809	ug/l	100
70) Styrene	12.178	104	462213	54.676	ug/l	99
71) Bromoform	12.343	173	84860	56.341	ug/l #	99
73) Isopropylbenzene	12.458	105	692150	52.704	ug/l	100
74) N-amyl acetate	12.269	43	202366	57.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	152143	52.182	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	203741	91.317	ug/l	37
77) Bromobenzene	12.745	156	158842	54.230	ug/l	87
78) n-propylbenzene	12.800	91	840068	53.418	ug/l	98
79) 2-Chlorotoluene	12.885	91	507715	53.613	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	586997	53.998	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	52196	54.489	ug/l	96
82) 4-Chlorotoluene	12.983	91	526634	52.969	ug/l	99
83) tert-Butylbenzene	13.202	119	499717	53.665	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	593095	53.847	ug/l	98
85) sec-Butylbenzene	13.379	105	755319	54.041	ug/l	100
86) p-Isopropyltoluene	13.495	119	628996	54.606	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	314668	53.569	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	304185	50.593	ug/l	96
89) n-Butylbenzene	13.818	91	607254	54.259	ug/l	99
90) Hexachloroethane	14.086	117	111225	53.523	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	273126	50.872	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	28404	49.893	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	178491	53.907	ug/l	98
94) Hexachlorobutadiene	15.226	225	89124	55.742	ug/l	85
95) Naphthalene	15.360	128	446202	54.967	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	159907	52.559	ug/l	98

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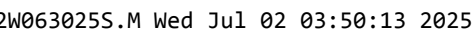
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MSVOA_W
ClientSampleId :
VSTDCCC050

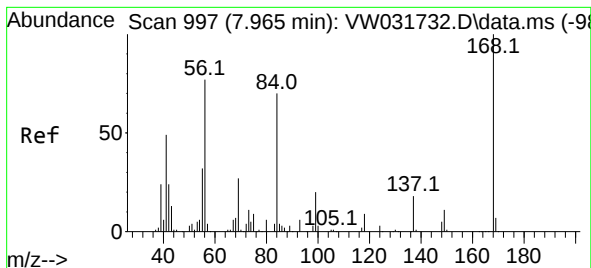
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Quant Title : SW846 8260
QLast Update : Wed Jul 02 03:49:43 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW031738.D

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Instrument :

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ClientSampleId :

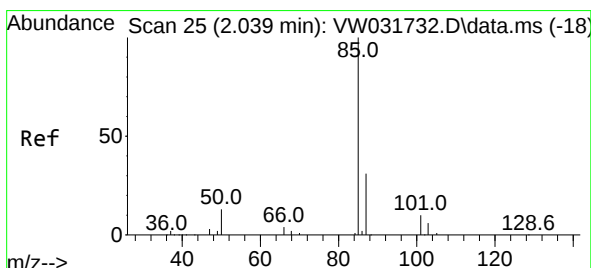
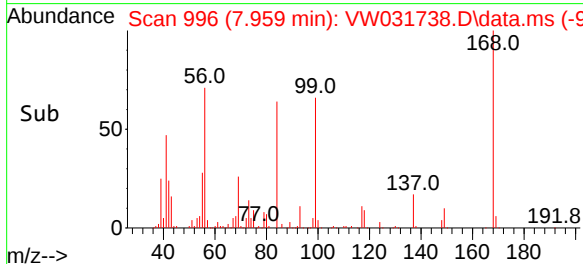
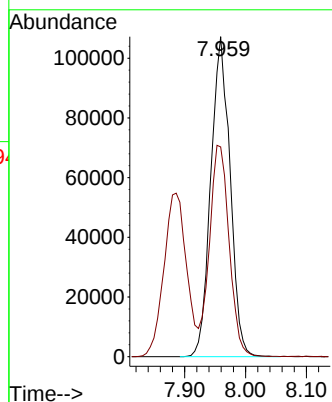
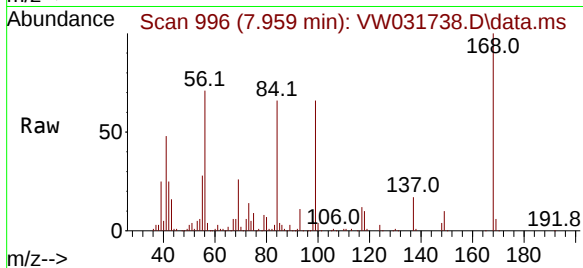
VSTDCCC050

Tgt Ion:168 Resp: 235134

Ion Ratio Lower Upper

168 100

99 65.5 49.4 74.2



#2

Dichlorodifluoromethane

Concen: 48.793 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.006 min

Lab File: VW031738.D

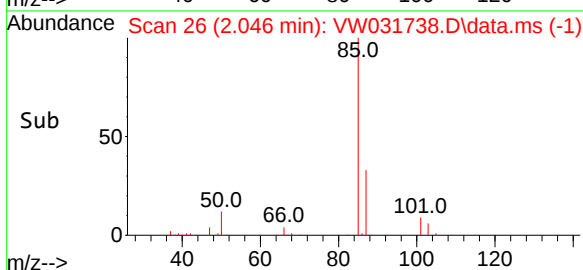
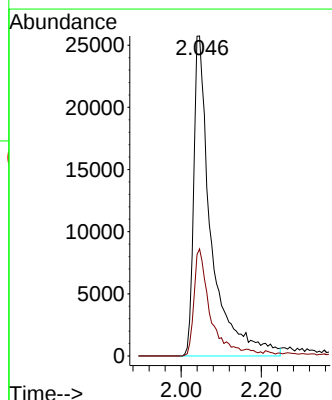
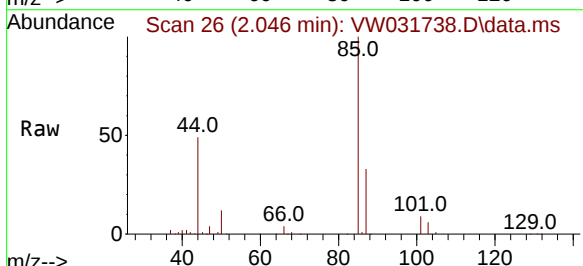
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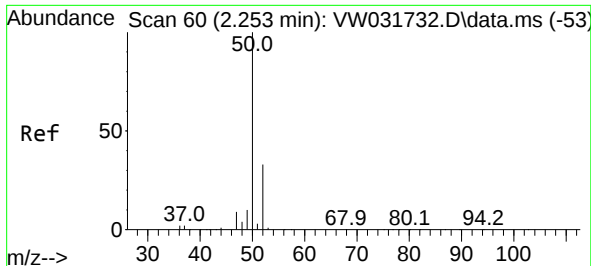
Tgt Ion: 85 Resp: 78134

Ion Ratio Lower Upper

85 100

87 33.5 15.4 46.2

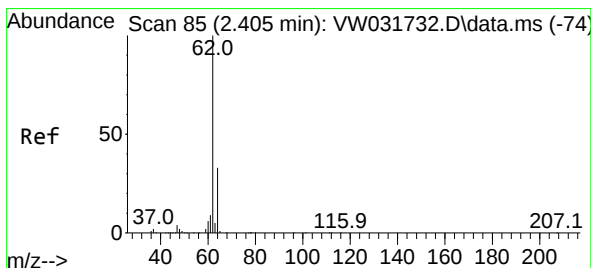
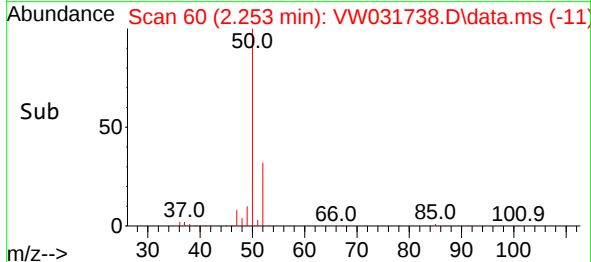
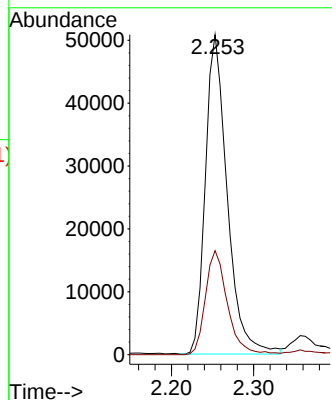
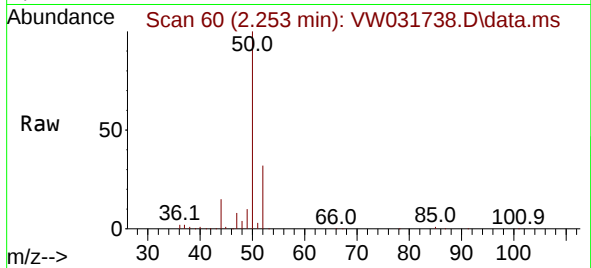




#3
Chloromethane
Concen: 48.536 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

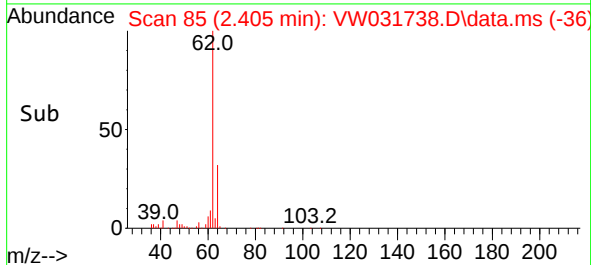
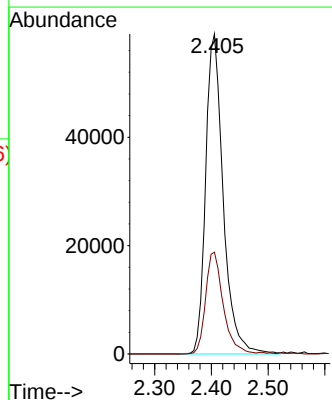
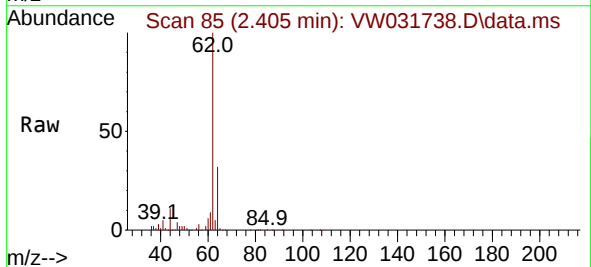
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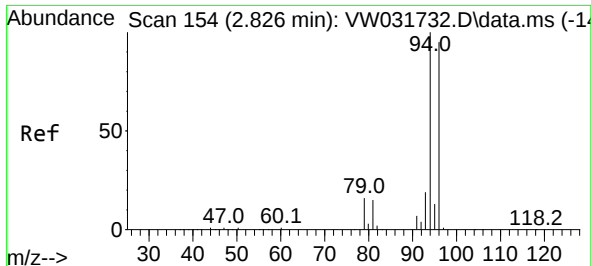
Tgt Ion: 50 Resp: 93703
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2



#4
Vinyl Chloride
Concen: 50.026 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 62 Resp: 126943
Ion Ratio Lower Upper
62 100
64 31.8 26.8 40.2

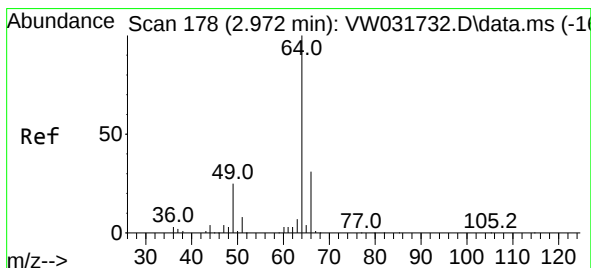
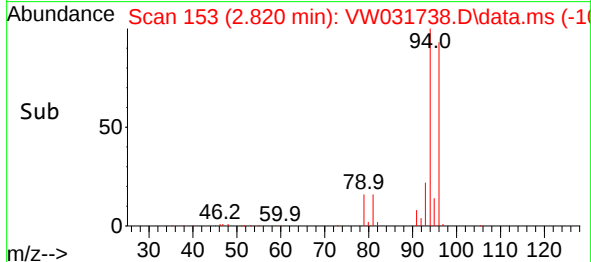
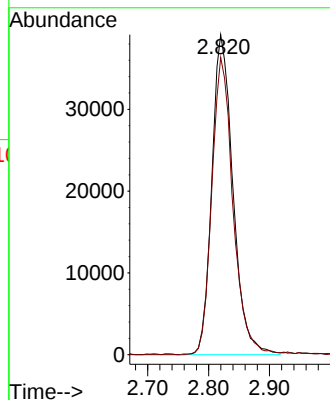
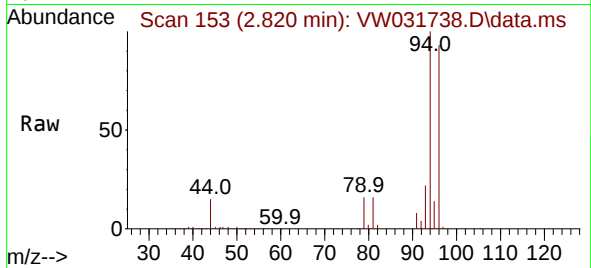




#5
Bromomethane
Concen: 47.480 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW031738.D
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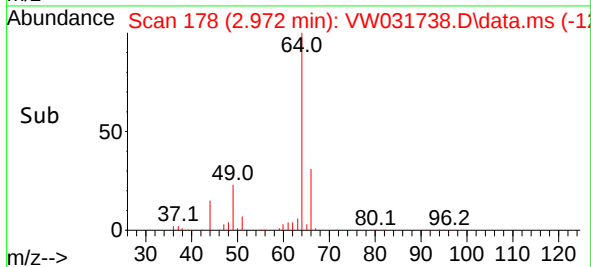
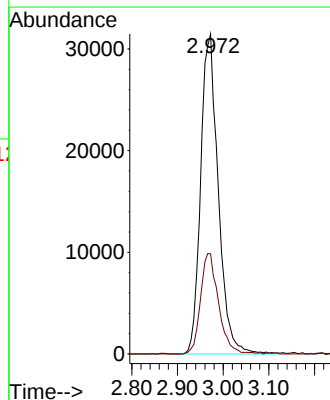
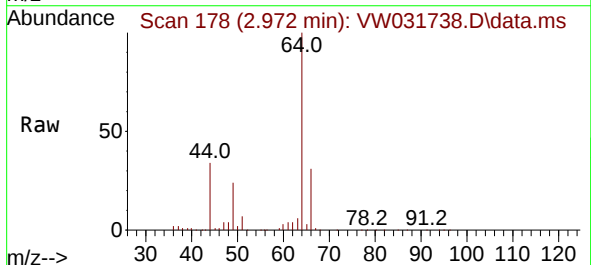
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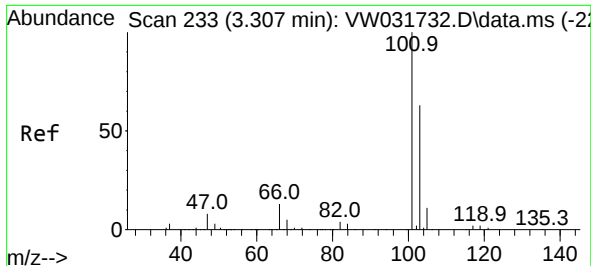
Tgt Ion: 94 Resp: 94105
Ion Ratio Lower Upper
94 100
96 92.9 75.6 113.4



#6
Chloroethane
Concen: 48.714 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 64 Resp: 83966
Ion Ratio Lower Upper
64 100
66 31.3 24.5 36.7

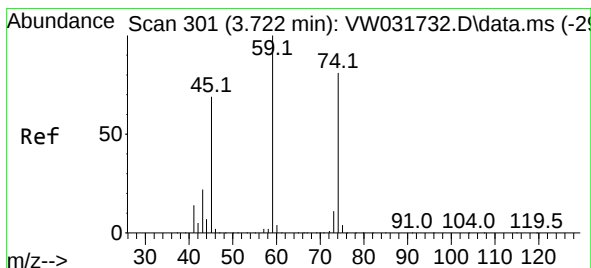
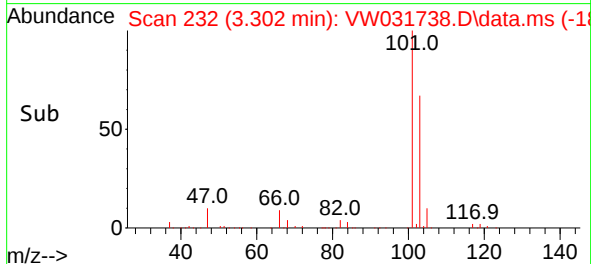
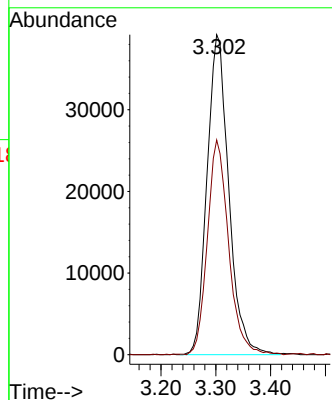
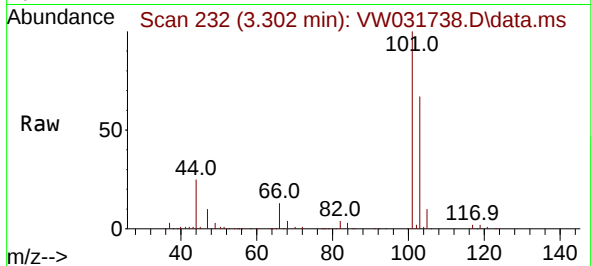




#7
 Trichlorofluoromethane
 Concen: 46.747 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031738.D
 Acq: 01 Jul 2025 10:03

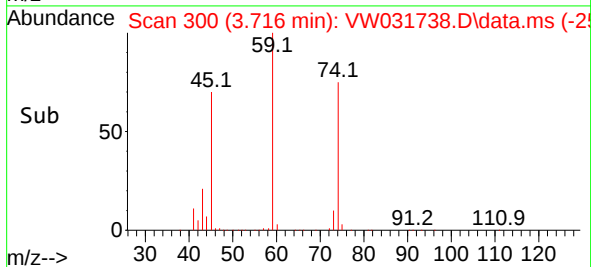
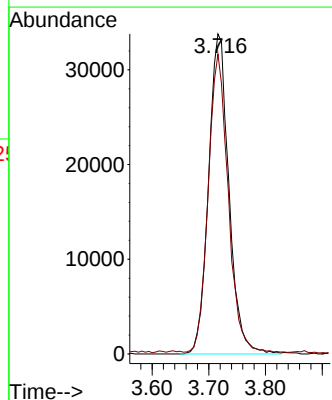
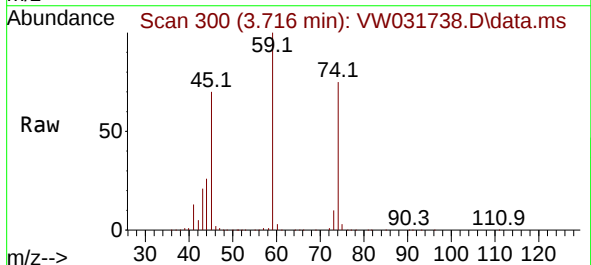
Instrument :
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 VSTDCCC050

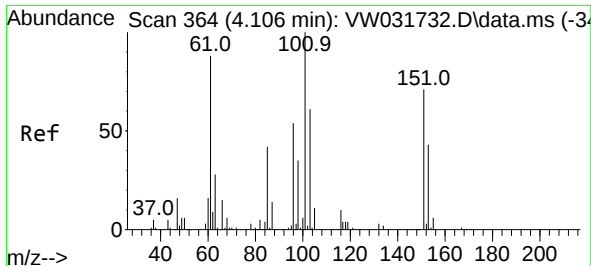
Tgt Ion:101 Resp: 107729
 Ion Ratio Lower Upper
 101 100
 103 67.0 50.2 75.4



#8
 Diethyl Ether
 Concen: 48.087 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 84206
 Ion Ratio Lower Upper
 74 100
 45 91.3 43.9 131.7

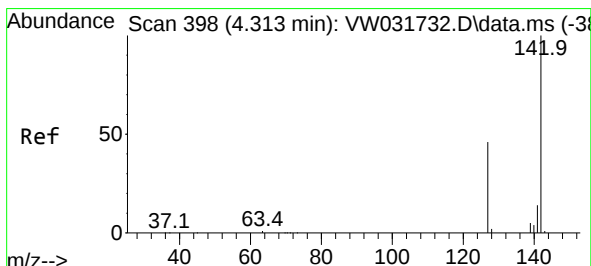
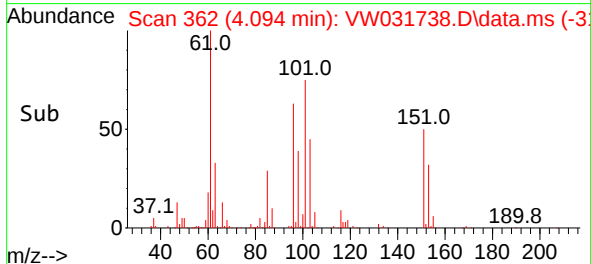
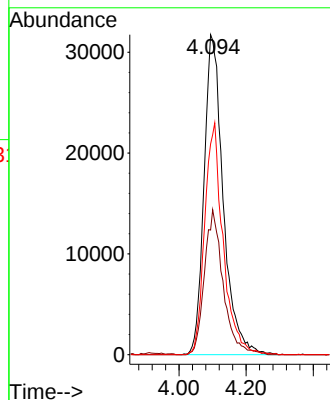
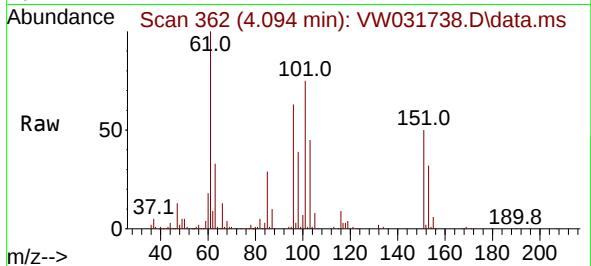




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.104 ug/l
RT: 4.094 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

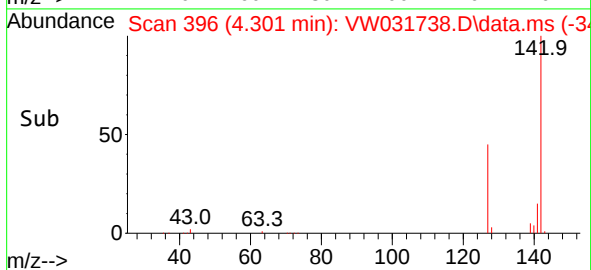
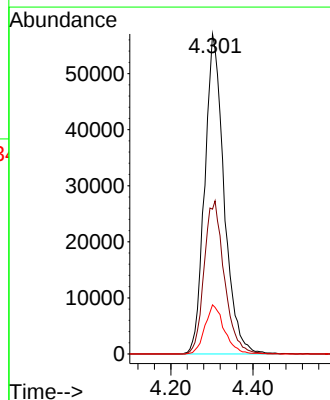
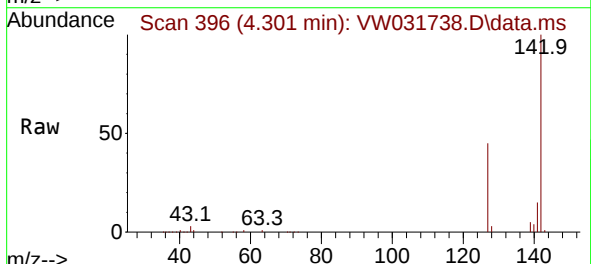
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

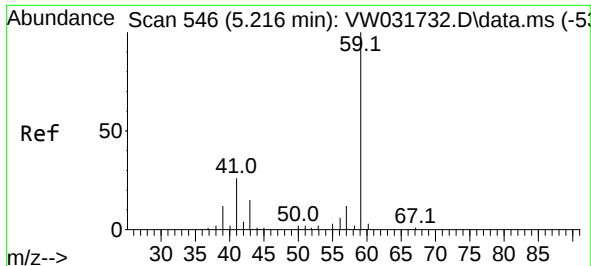
Tgt Ion:101 Resp: 125604
Ion Ratio Lower Upper
101 100
85 44.4 35.6 53.4
151 69.8 56.8 85.2



#10
Methyl Iodide
Concen: 47.324 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion:142 Resp: 186613
Ion Ratio Lower Upper
142 100
127 49.9 37.9 56.9
141 15.4 11.7 17.5

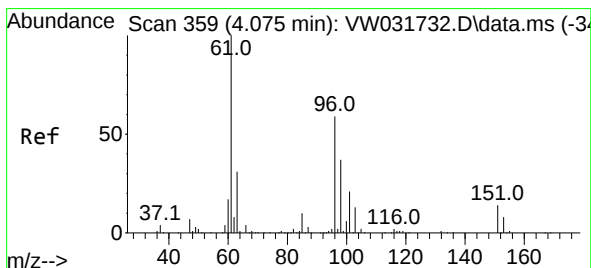
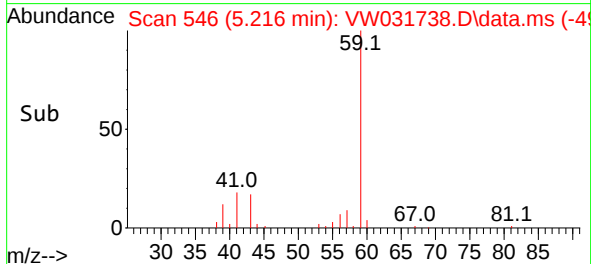
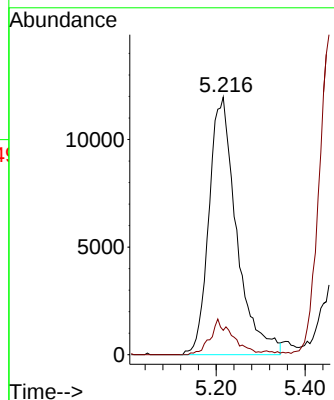
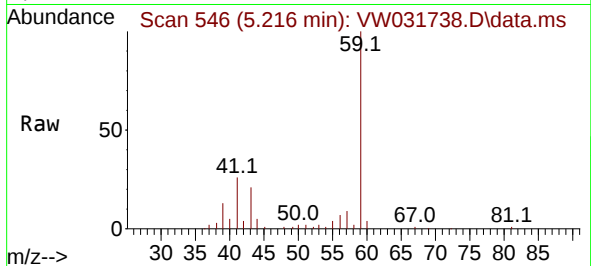




#11
Tert butyl alcohol
Concen: 246.795 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

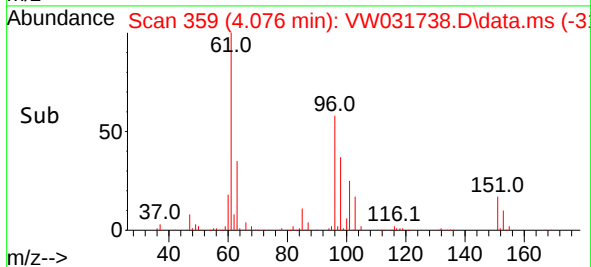
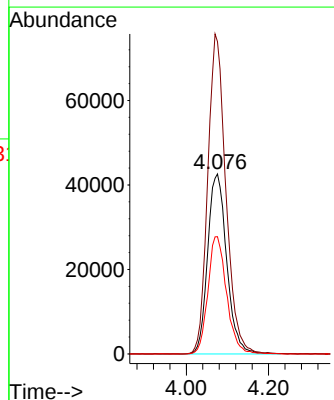
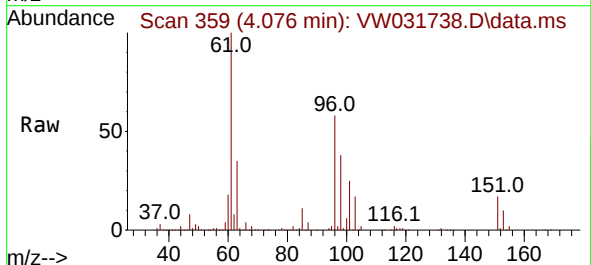
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

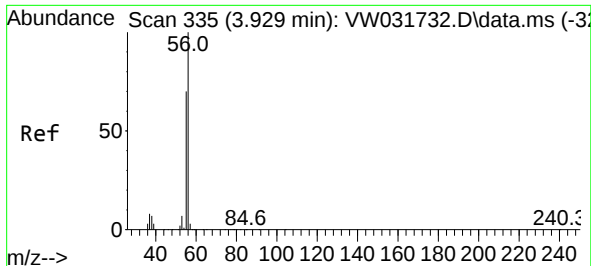
Tgt Ion: 59 Resp: 51594
Ion Ratio Lower Upper
59 100
57 11.3 9.5 14.3



#12
1,1-Dichloroethene
Concen: 48.955 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 96 Resp: 137160
Ion Ratio Lower Upper
96 100
61 173.5 135.8 203.8
98 65.1 50.4 75.6

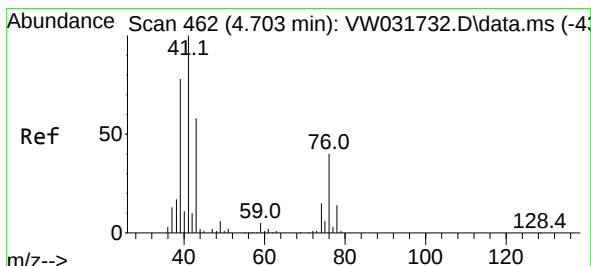
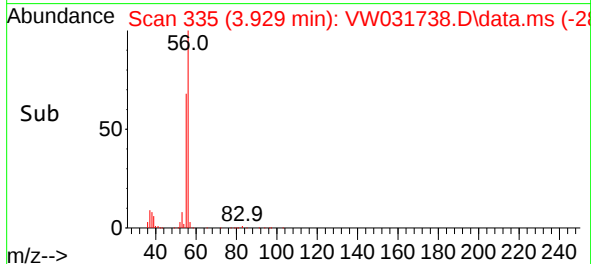
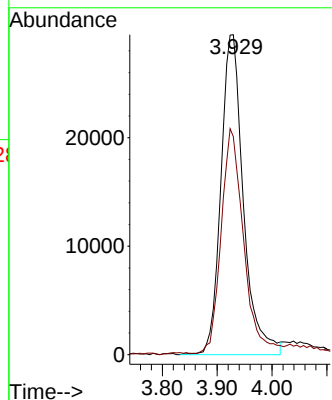
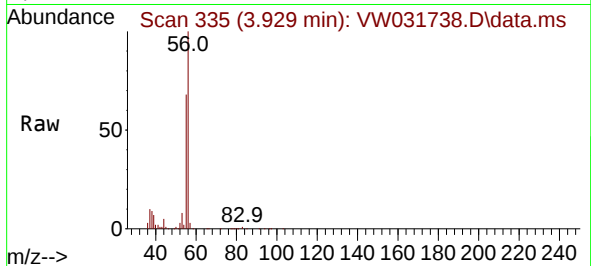




#13
Acrolein
Concen: 223.967 ug/l
RT: 3.929 min Scan# 313
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

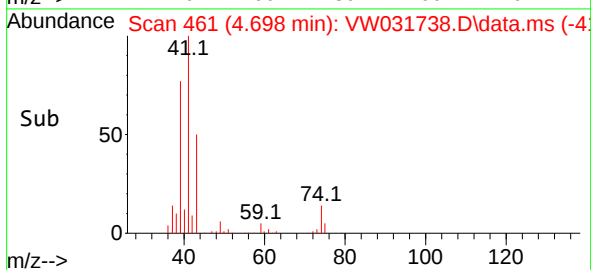
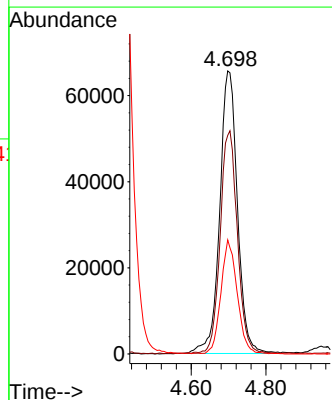
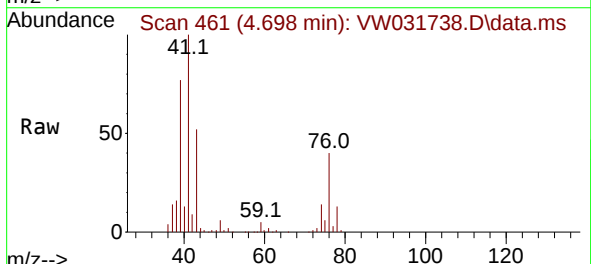
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 84154
Ion Ratio Lower Upper
56 100
55 70.1 54.0 81.0



#14
Allyl chloride
Concen: 50.456 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 41 Resp: 216897
Ion Ratio Lower Upper
41 100
39 76.1 60.7 91.1
76 36.6 30.3 45.5

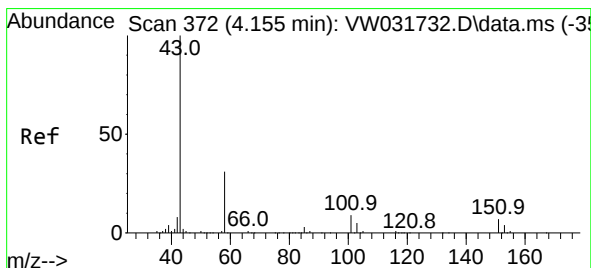
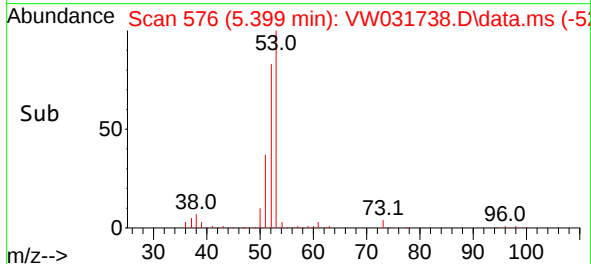
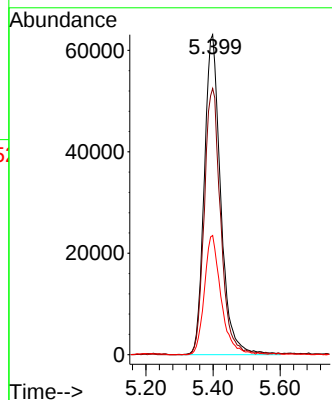
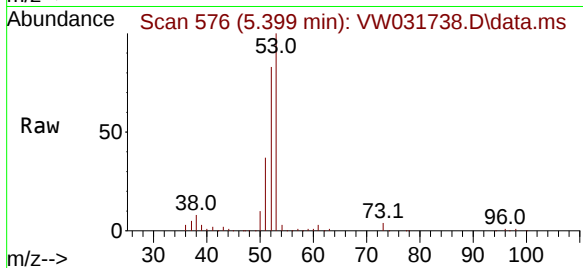




#15
Acrylonitrile
Concen: 248.520 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

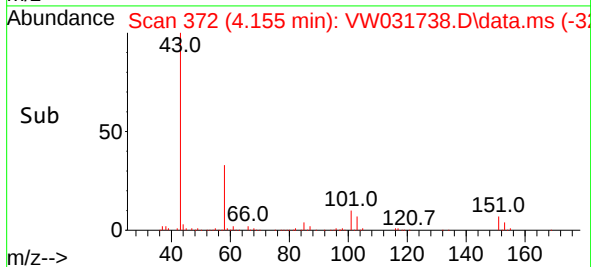
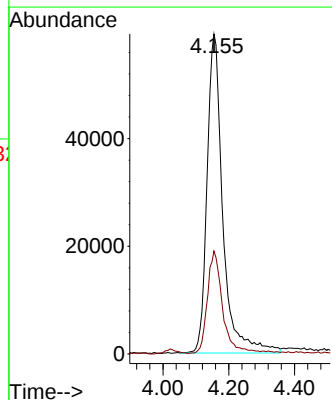
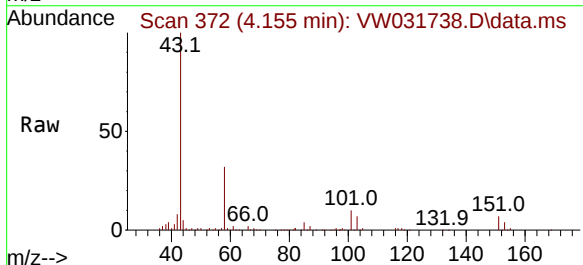
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

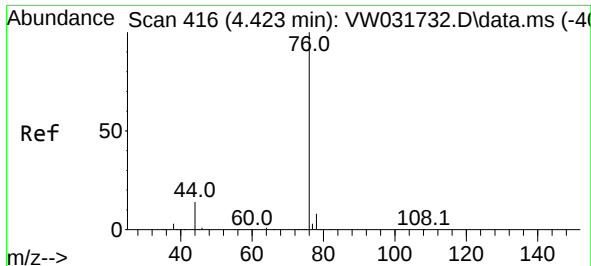
Tgt Ion: 53 Resp: 214008
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 37.8 29.9 44.9



#16
Acetone
Concen: 236.362 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 43 Resp: 197140
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2

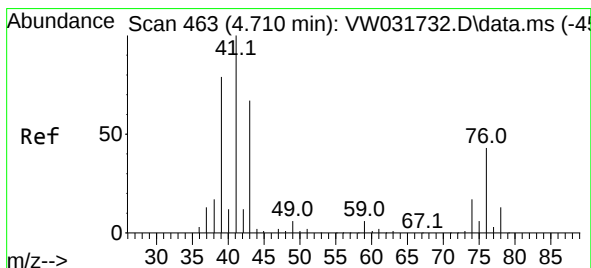
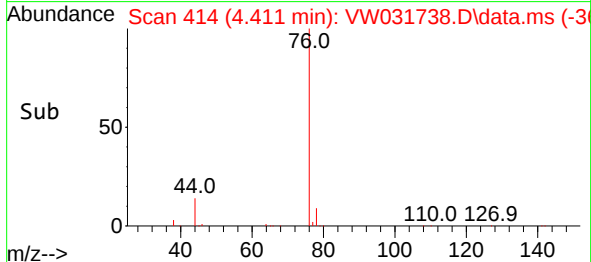
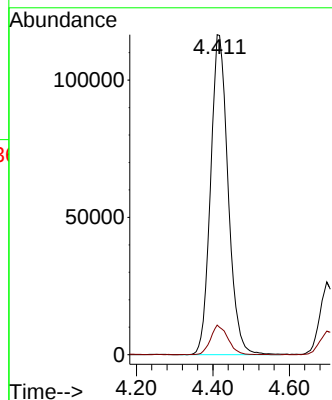
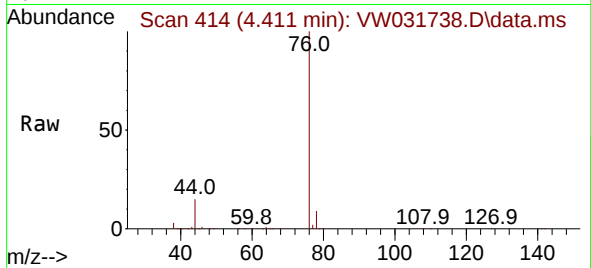




#17
Carbon Disulfide
Concen: 49.387 ug/l
RT: 4.411 min Scan# 416
Delta R.T. -0.012 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

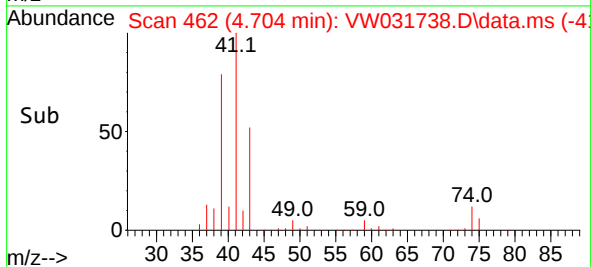
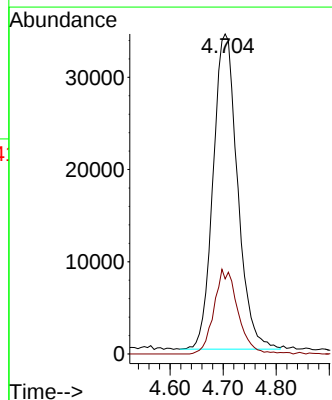
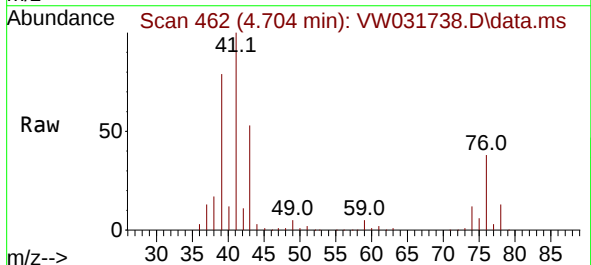
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

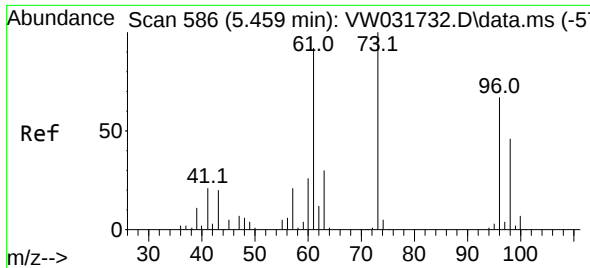
Tgt Ion: 76 Resp: 370267
Ion Ratio Lower Upper
76 100
78 9.2 6.6 10.0



#18
Methyl Acetate
Concen: 45.898 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 43 Resp: 109408
Ion Ratio Lower Upper
43 100
74 26.3 20.6 30.8

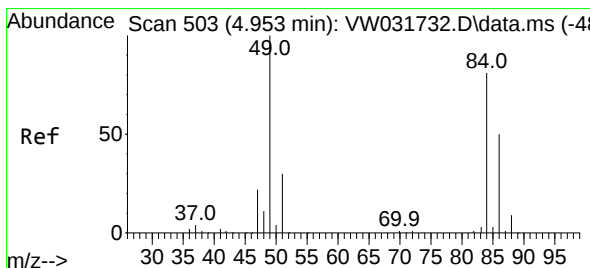
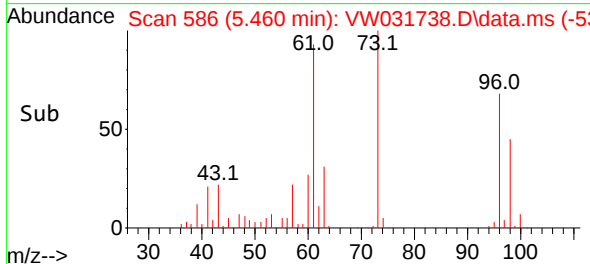
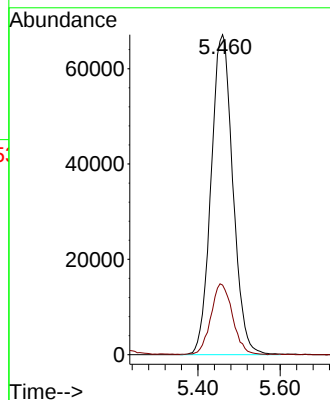
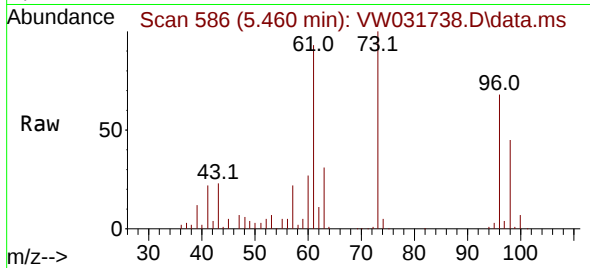




#19
Methyl tert-butyl Ether
Concen: 51.895 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

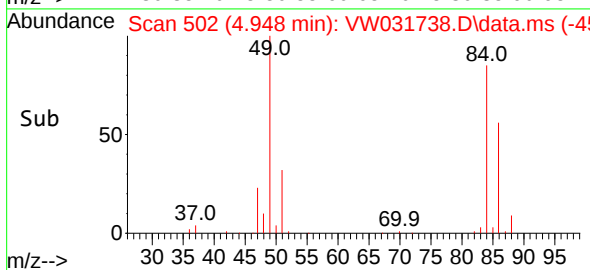
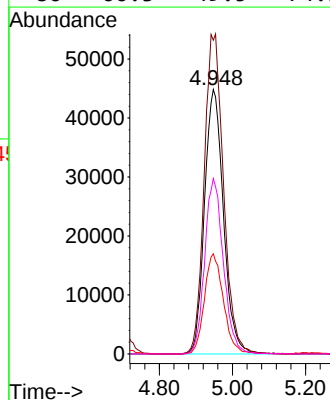
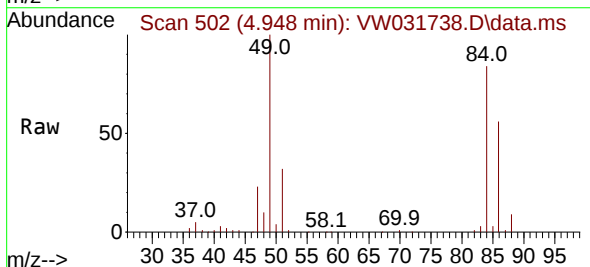
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

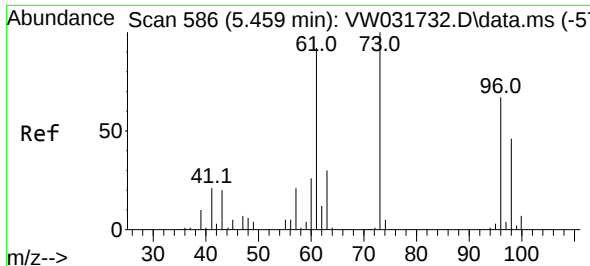
Tgt Ion: 73 Resp: 246785
Ion Ratio Lower Upper
73 100
57 21.6 17.2 25.8



#20
Methylene Chloride
Concen: 48.317 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.005 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 84 Resp: 161304
Ion Ratio Lower Upper
84 100
49 118.6 98.2 147.4
51 37.9 29.8 44.8
86 66.3 49.5 74.3

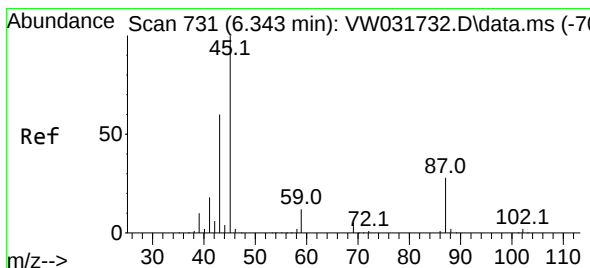
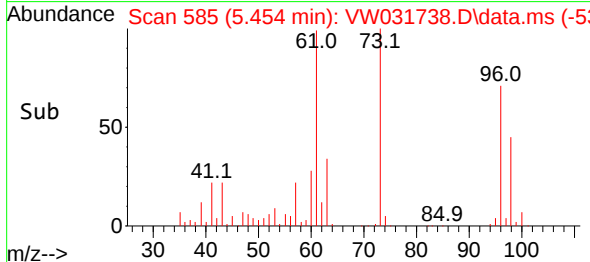
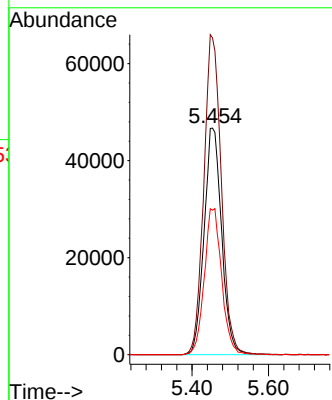
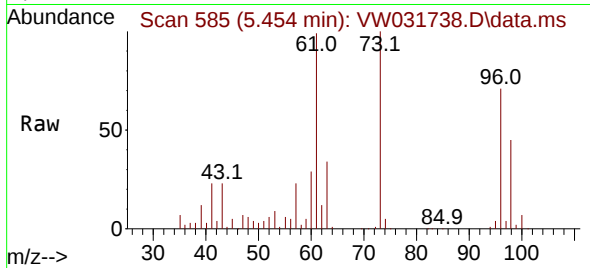




#21
trans-1,2-Dichloroethene
Concen: 50.065 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

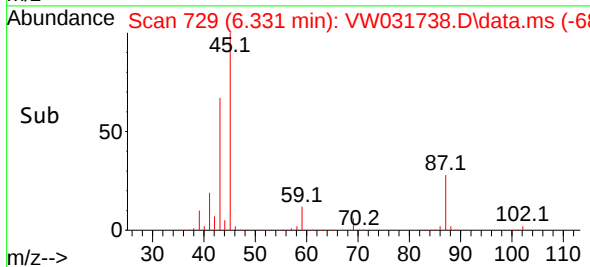
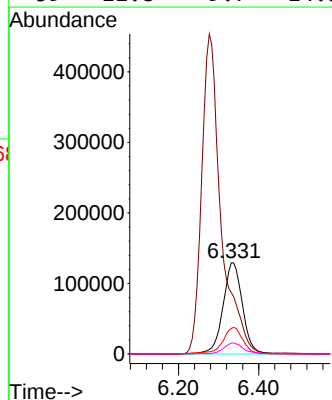
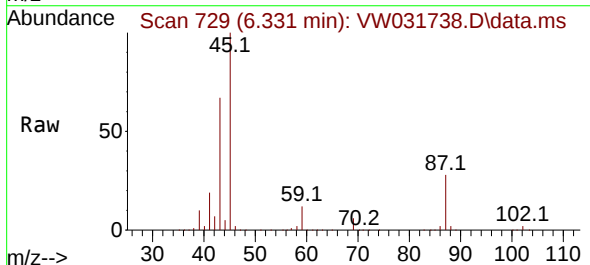
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 149047
Ion Ratio Lower Upper
96 100
61 139.8 109.8 164.6
98 63.8 54.9 82.3



#22
Diisopropyl ether
Concen: 51.715 ug/l
RT: 6.331 min Scan# 729
Delta R.T. -0.012 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 45 Resp: 433571
Ion Ratio Lower Upper
45 100
43 67.4 48.3 72.5
87 27.9 22.6 34.0
59 11.8 9.7 14.5

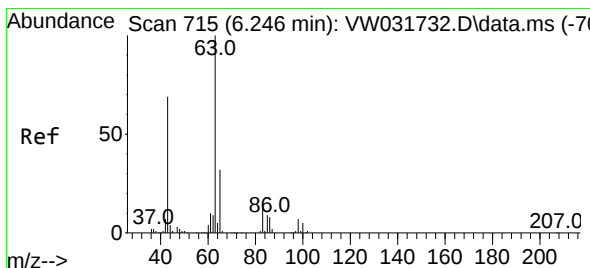
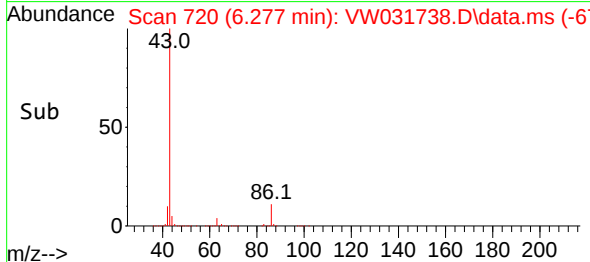
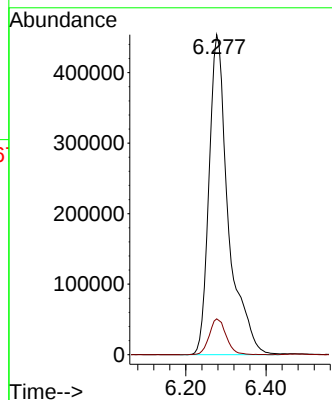
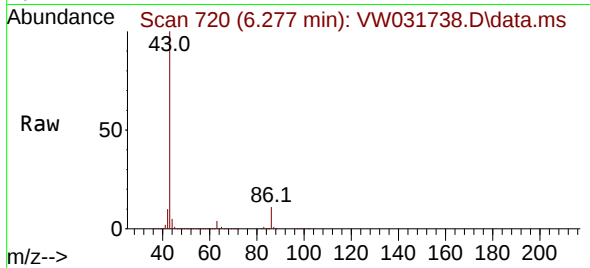




#23
 Vinyl Acetate
 Concen: 265.092 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031738.D
 Acq: 01 Jul 2025 10:03

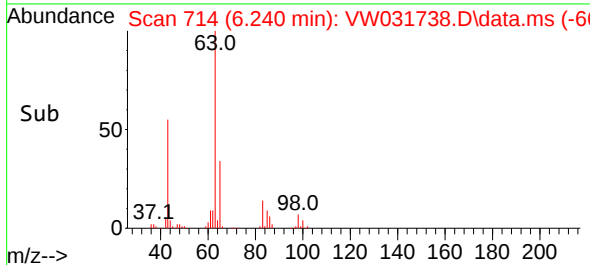
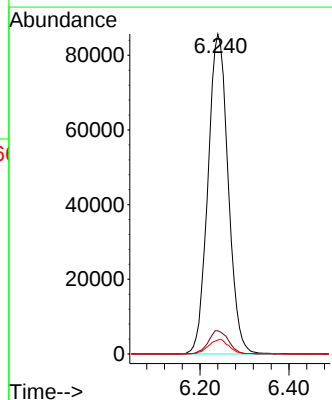
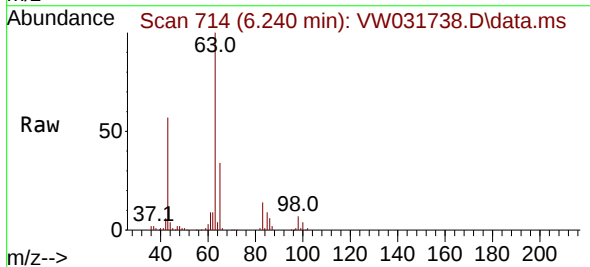
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1518068
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 49.879 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031738.D
 Acq: 01 Jul 2025 10:03

Tgt Ion: 63 Resp: 271120
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.6
 100 4.4 2.5 7.5

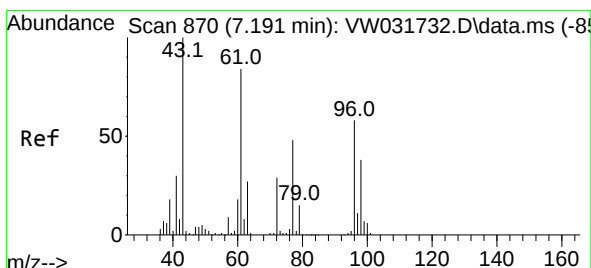
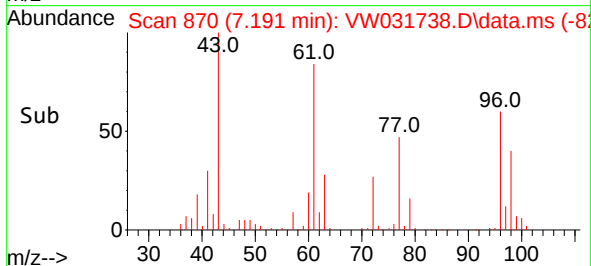
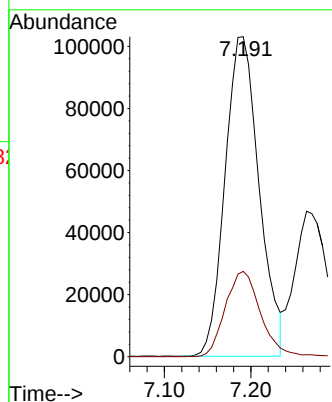
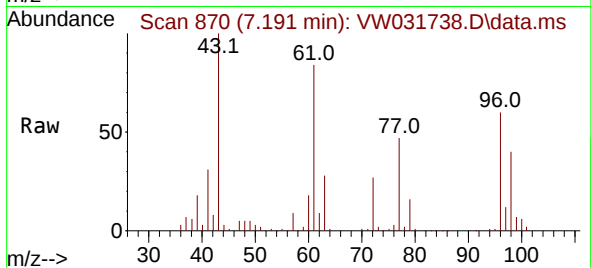




#25
2-Butanone
Concen: 259.899 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

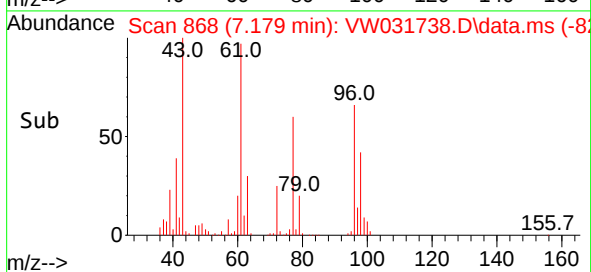
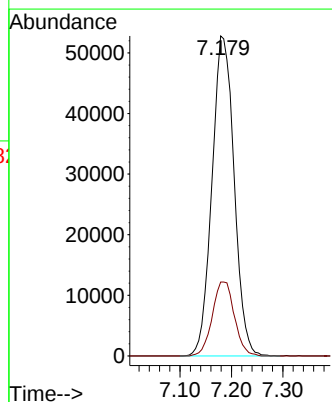
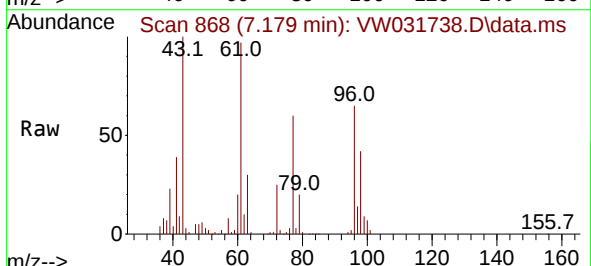
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

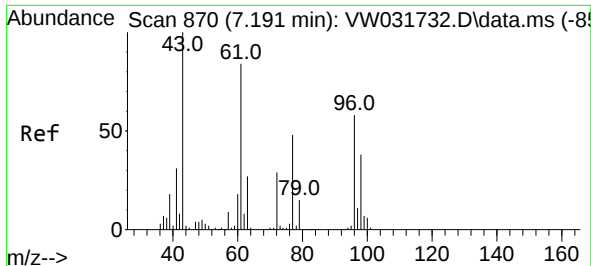
Tgt Ion: 43 Resp: 282012
Ion Ratio Lower Upper
43 100
72 26.7 23.0 34.6



#26
2,2-Dichloropropane
Concen: 49.734 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 77 Resp: 157722
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 50.321 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

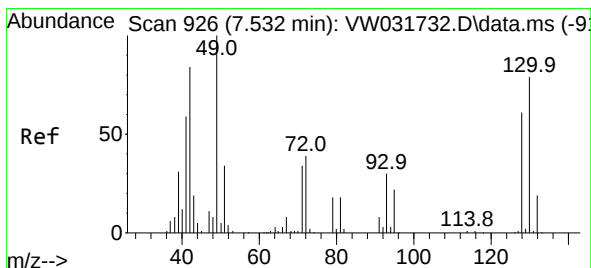
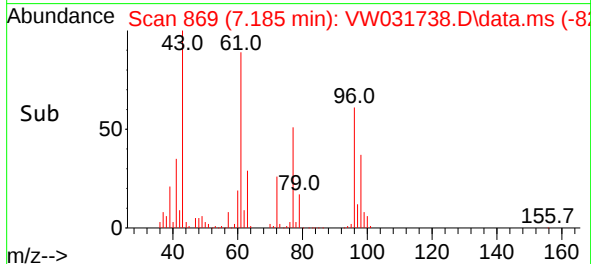
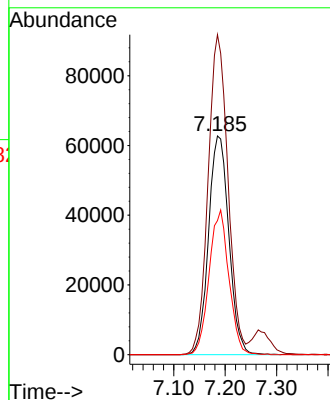
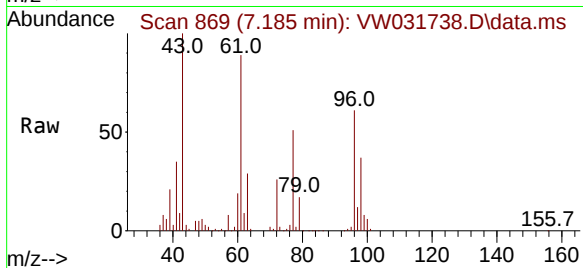
Tgt Ion: 96 Resp: 172202

Ion Ratio Lower Upper

96 100

61 143.1 0.0 286.8

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 47.846 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

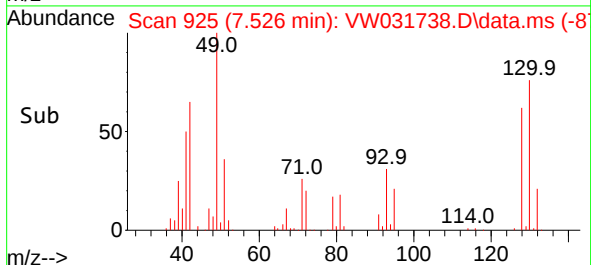
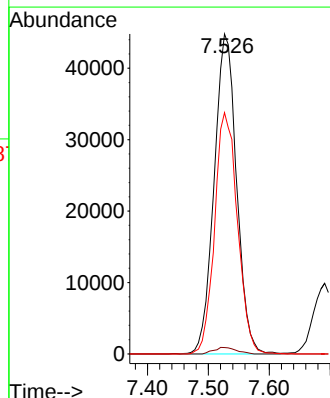
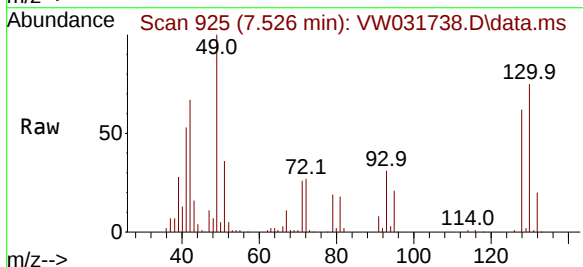
Tgt Ion: 49 Resp: 114765

Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.4

130 76.5 61.3 91.9





#29

Tetrahydrofuran

Concen: 255.433 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

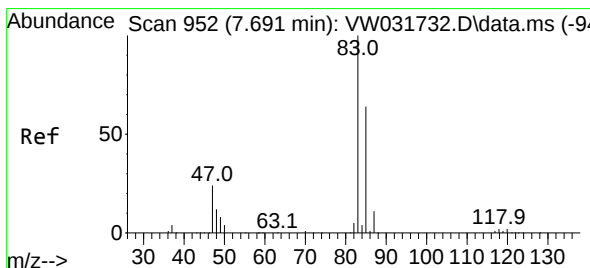
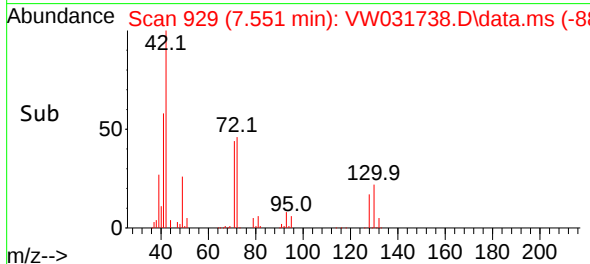
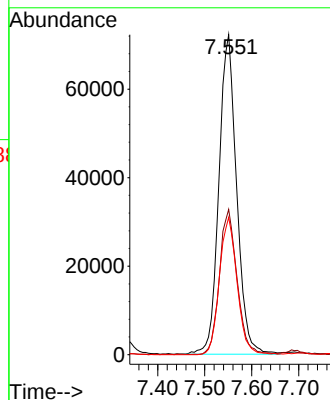
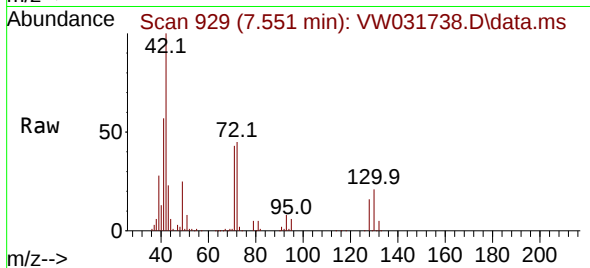
Tgt Ion: 42 Resp: 189811

Ion Ratio Lower Upper

42 100

72 45.0 36.8 55.2

71 42.8 34.6 52.0



#30

Chloroform

Concen: 49.732 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031738.D

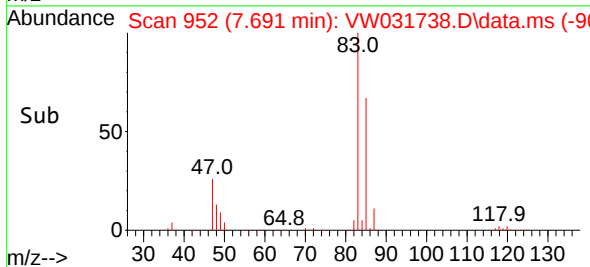
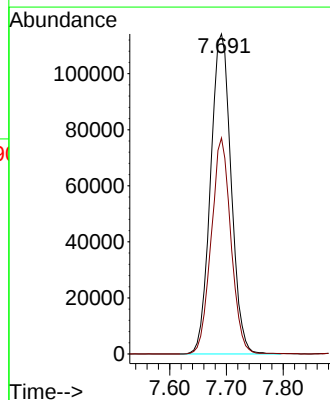
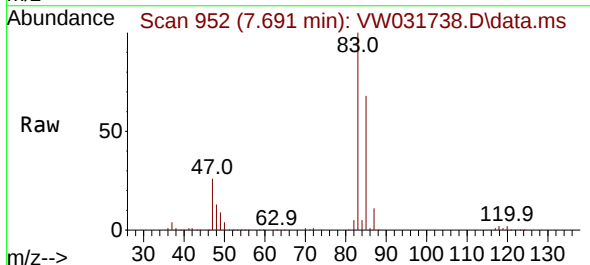
Acq: 01 Jul 2025 10:03

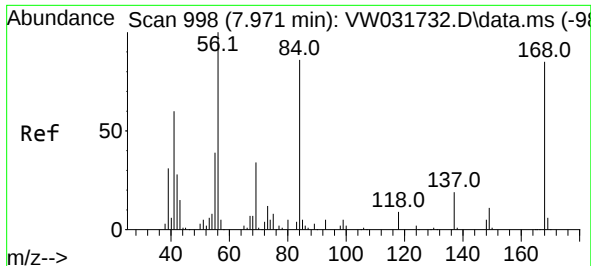
Tgt Ion: 83 Resp: 287237

Ion Ratio Lower Upper

83 100

85 67.5 51.4 77.0

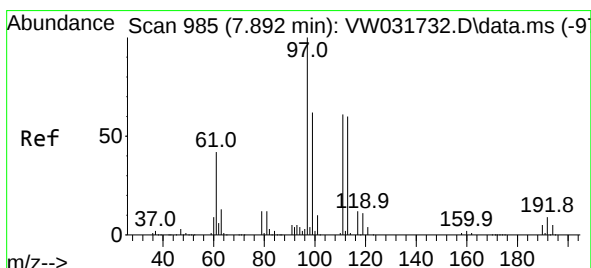
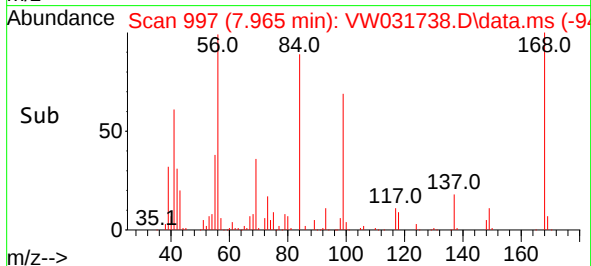
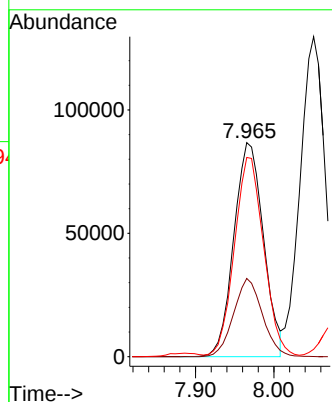
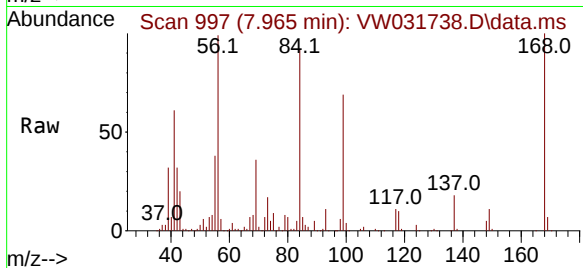




#31
Cyclohexane
Concen: 47.404 ug/l
RT: 7.965 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

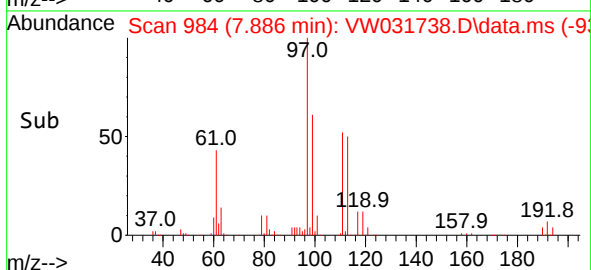
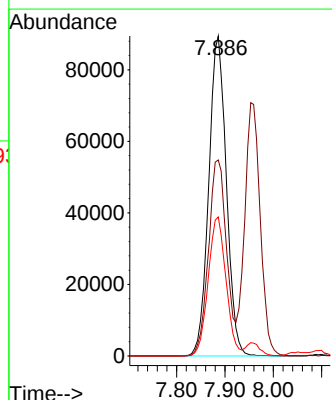
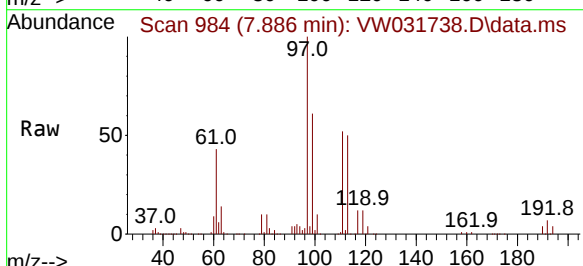
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

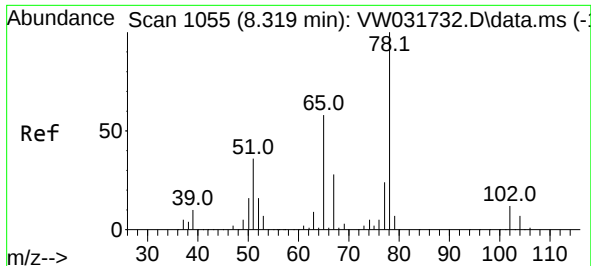
Tgt Ion: 56 Resp: 227762
Ion Ratio Lower Upper
56 100
69 36.6 27.2 40.8
84 91.6 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 50.799 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 97 Resp: 226104
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 44.1 36.0 54.0

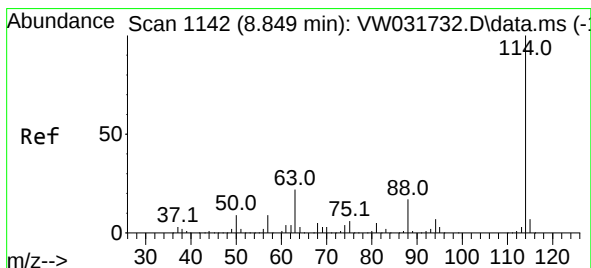
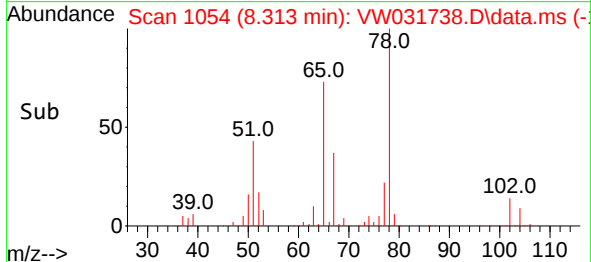
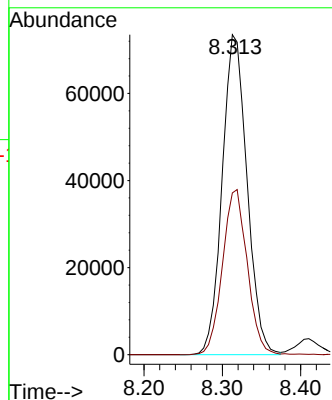
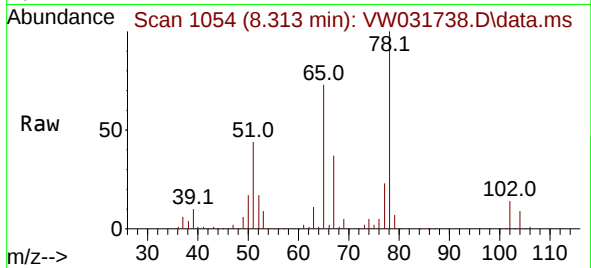




#33
 1,2-Dichloroethane-d4
 Concen: 48.060 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW031738.D
 Acq: 01 Jul 2025 10:03

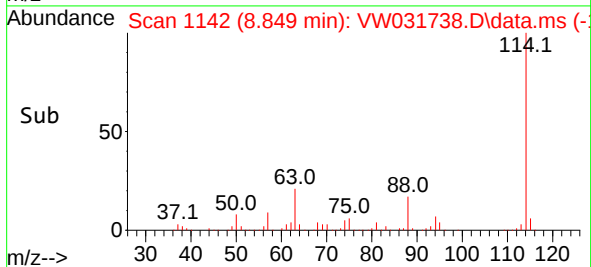
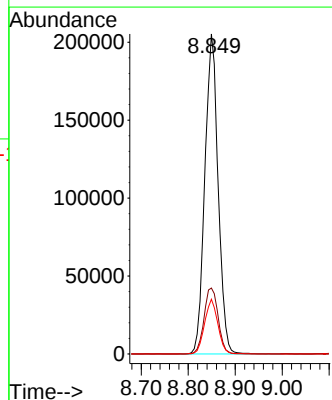
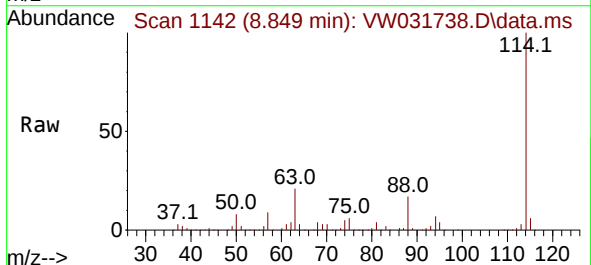
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

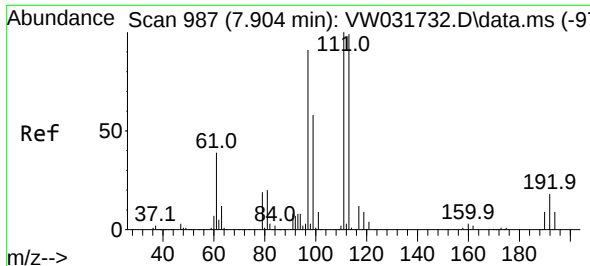
Tgt Ion: 65 Resp: 162176
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031738.D
 Acq: 01 Jul 2025 10:03

Tgt Ion: 114 Resp: 401316
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 17.1 0.0 34.2

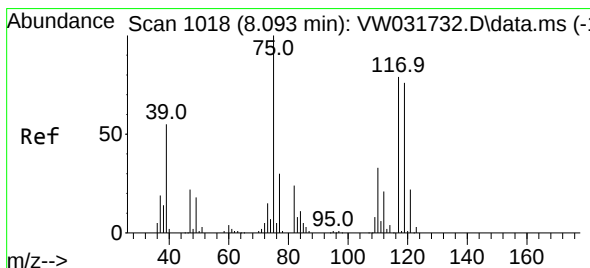
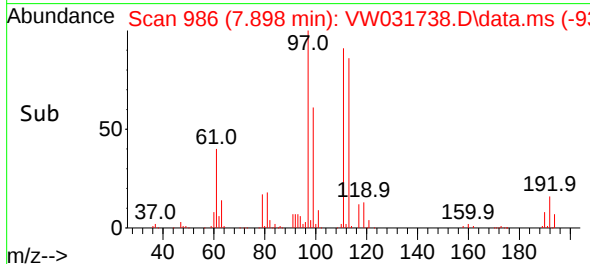
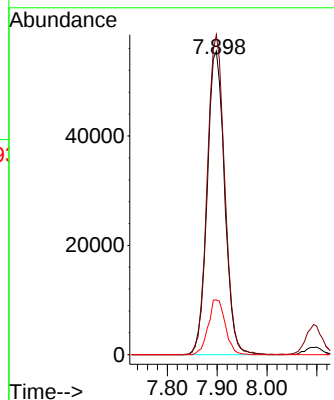
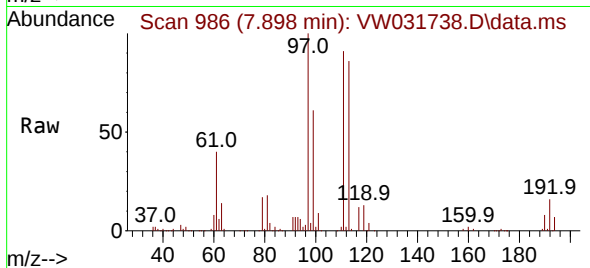




#35
 Dibromofluoromethane
 Concen: 51.382 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW031738.D
 Acq: 01 Jul 2025 10:03

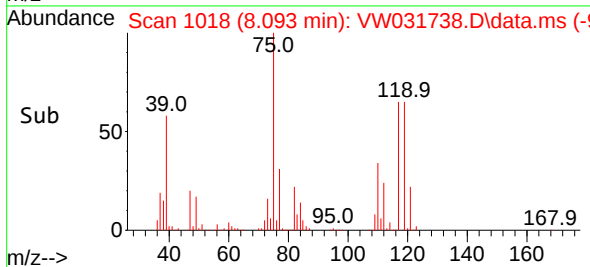
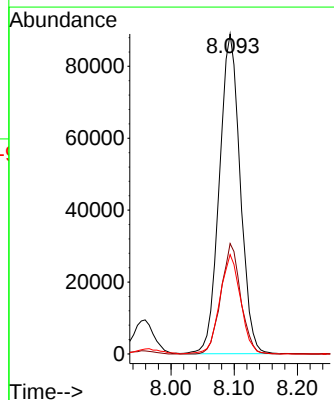
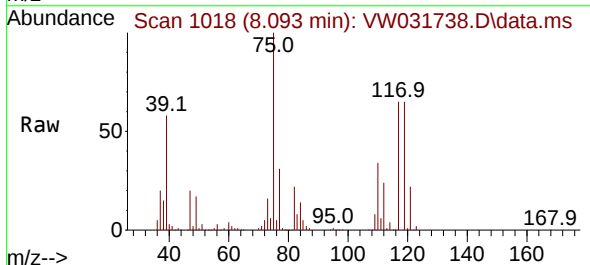
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

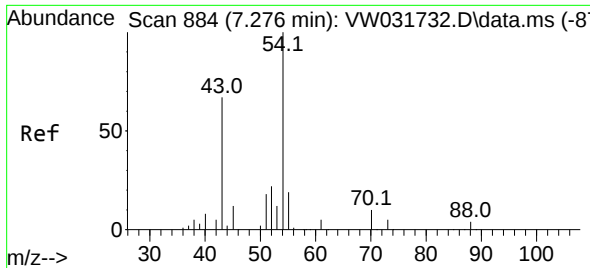
Tgt Ion:113 Resp: 134557
 Ion Ratio Lower Upper
 113 100
 111 105.4 82.1 123.1
 192 17.7 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 53.575 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031738.D
 Acq: 01 Jul 2025 10:03

Tgt Ion: 75 Resp: 203021
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.8 50.4
 77 31.0 25.0 37.6

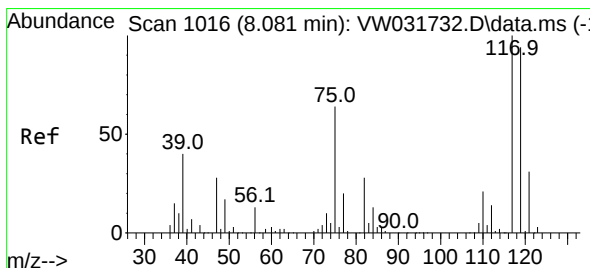
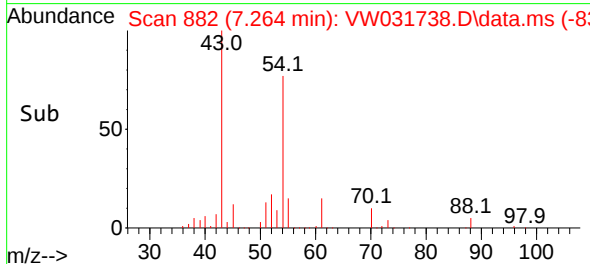
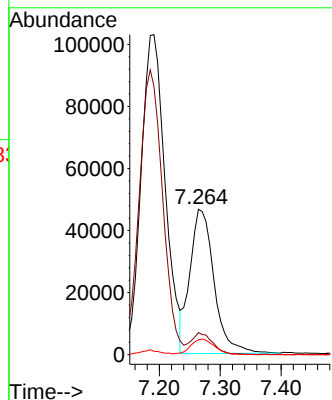
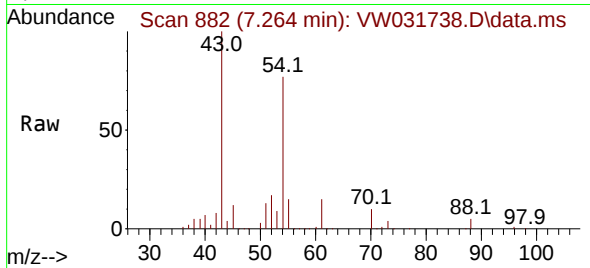




#37
Ethyl Acetate
Concen: 53.684 ug/l
RT: 7.264 min Scan# 882
Delta R.T. -0.012 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

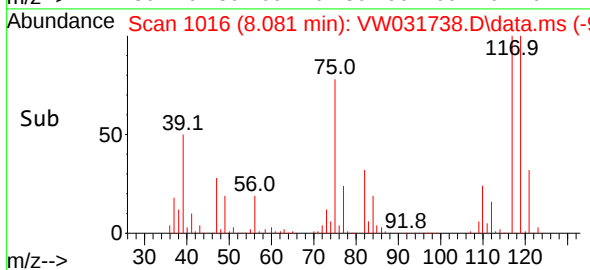
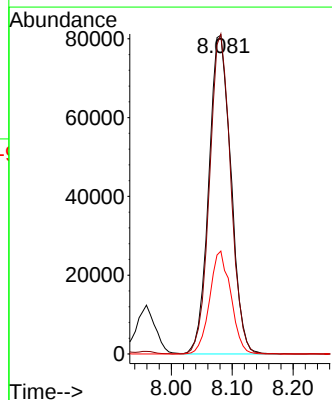
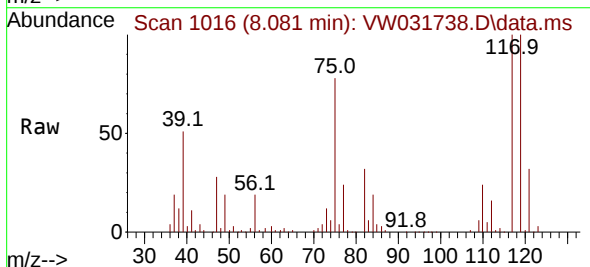
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

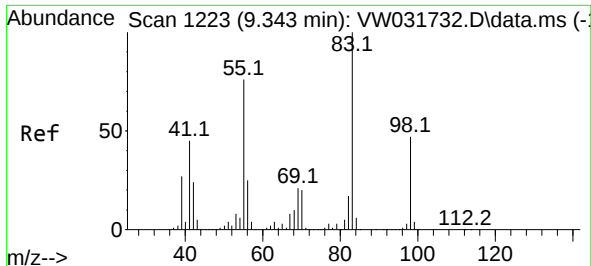
Tgt Ion: 43 Resp: 128330
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 10.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 52.821 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 117 Resp: 203973
Ion Ratio Lower Upper
117 100
119 100.4 75.0 112.6
121 32.3 24.6 37.0





#39

Methylcyclohexane

Concen: 53.620 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

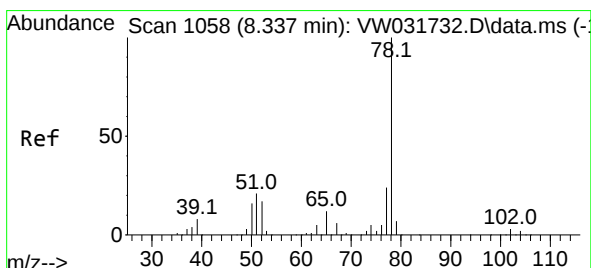
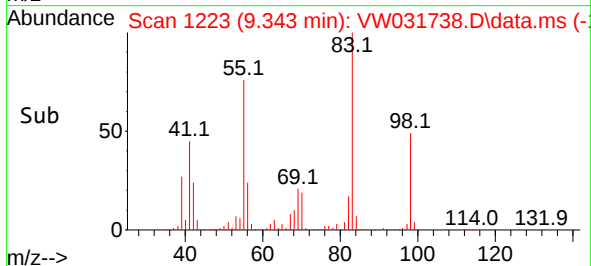
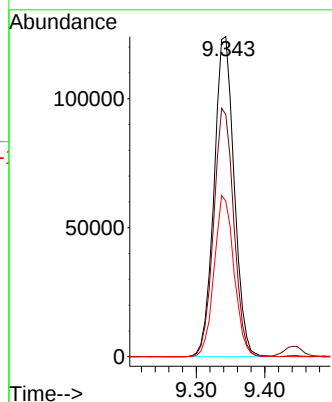
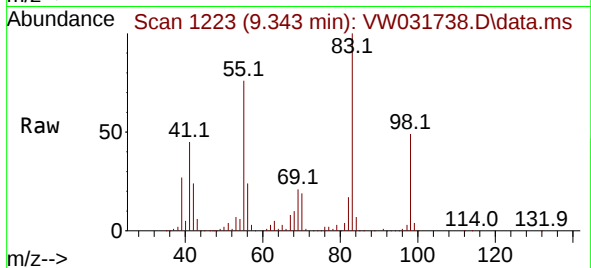
Tgt Ion: 83 Resp: 252806

Ion Ratio Lower Upper

83 100

55 75.7 61.0 91.4

98 48.6 37.9 56.9



#40

Benzene

Concen: 52.668 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031738.D

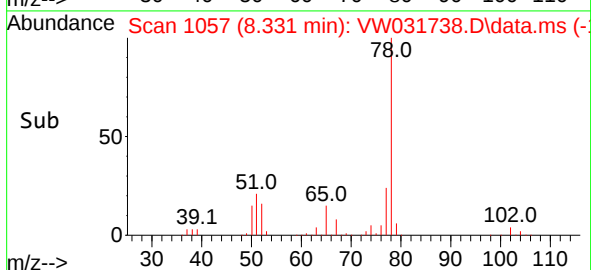
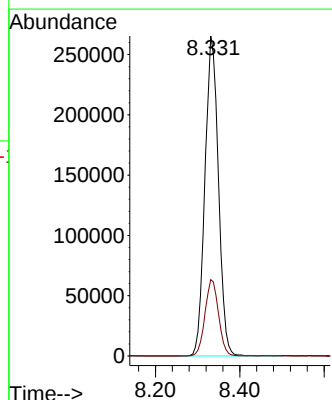
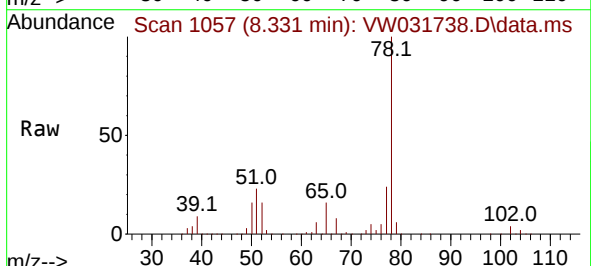
Acq: 01 Jul 2025 10:03

Tgt Ion: 78 Resp: 590494

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8

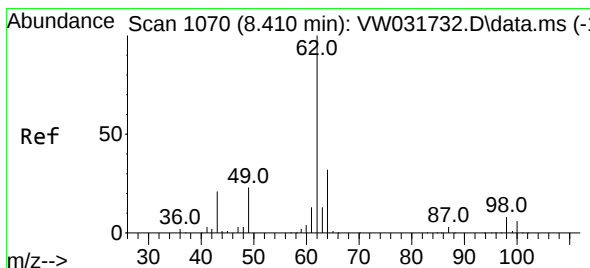
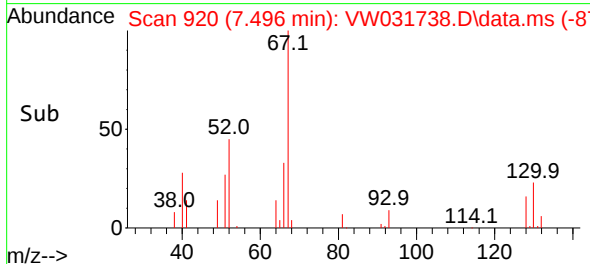
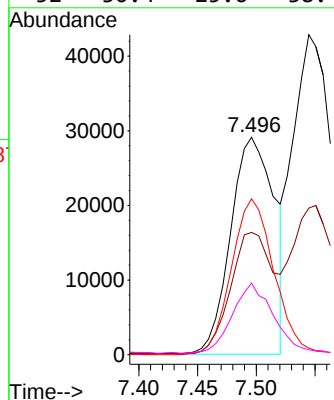
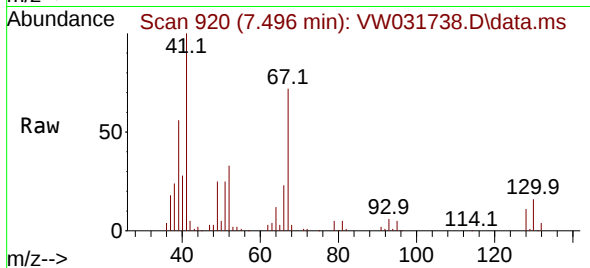




#41
Methacrylonitrile
Concen: 58.697 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

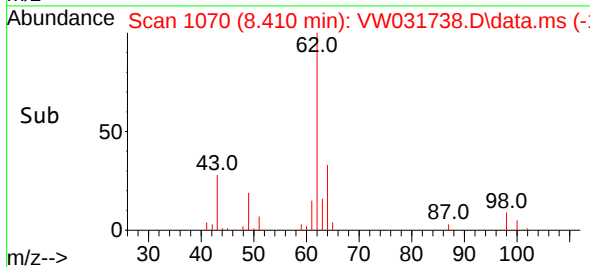
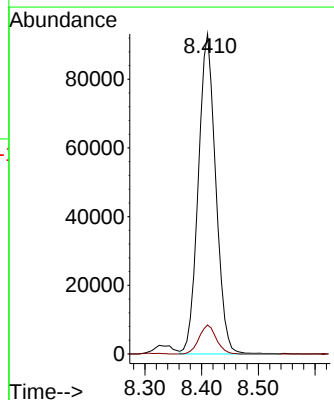
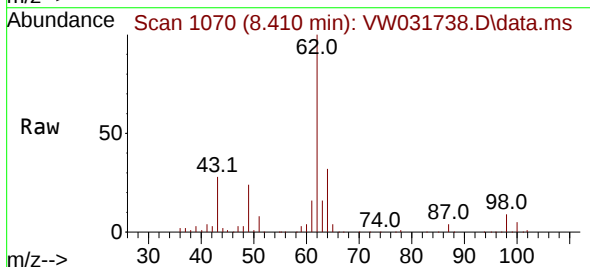
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

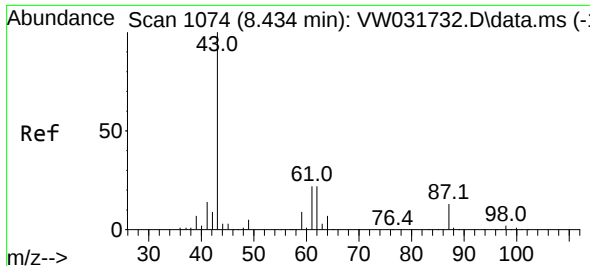
Tgt Ion:	41	Resp:	75165
Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.2	64.8
67	71.0	58.1	87.1
52	30.4	25.6	38.4



#42
1,2-Dichloroethane
Concen: 52.548 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion:	62	Resp:	199066
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2

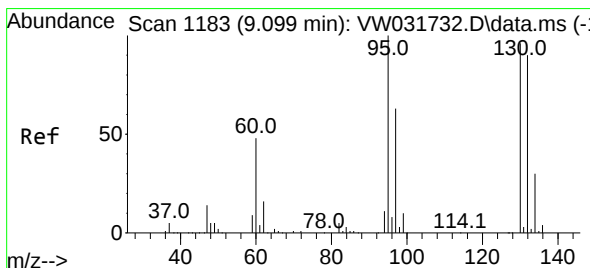
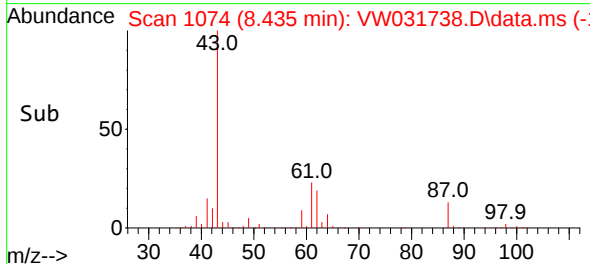
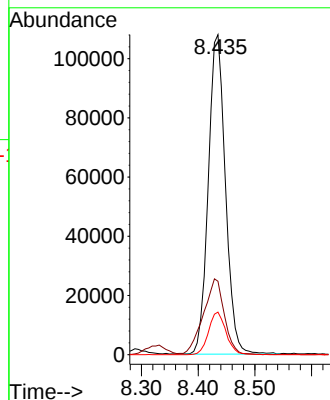
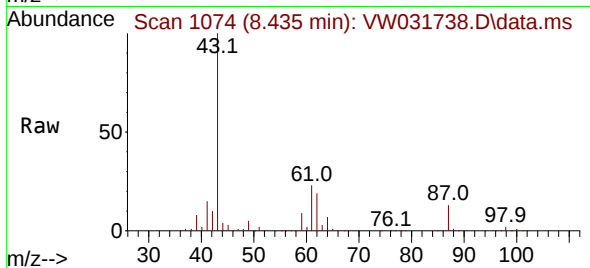




#43
Isopropyl Acetate
Concen: 55.052 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

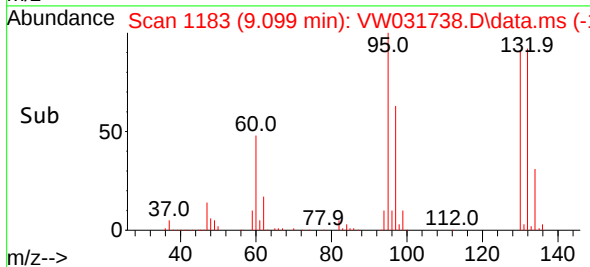
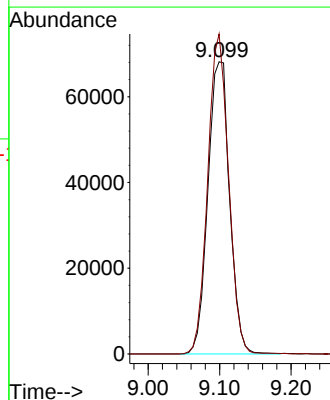
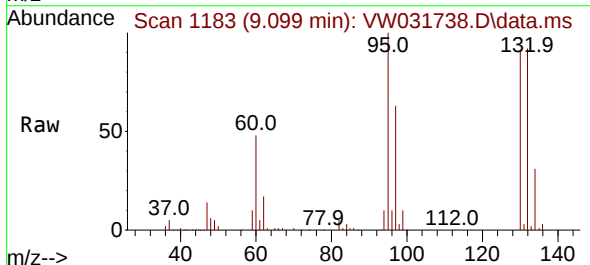
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

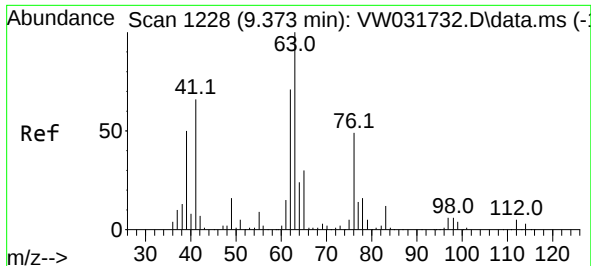
Tgt Ion: 43 Resp: 226850
Ion Ratio Lower Upper
43 100
61 29.2 23.1 34.7
87 13.6 10.8 16.2



#44
Trichloroethene
Concen: 51.442 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion:130 Resp: 143951
Ion Ratio Lower Upper
130 100
95 109.5 0.0 208.6

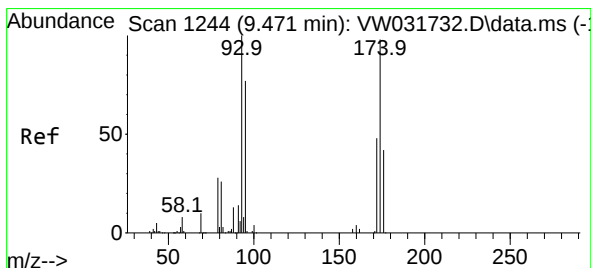
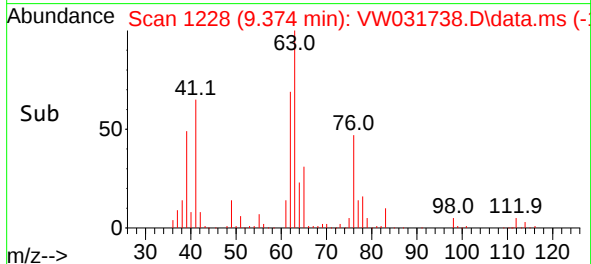
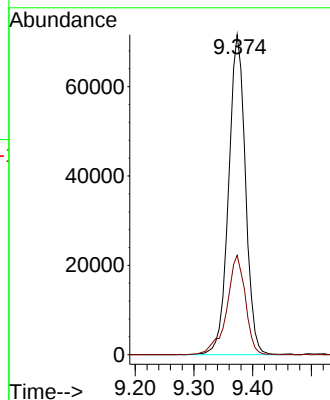
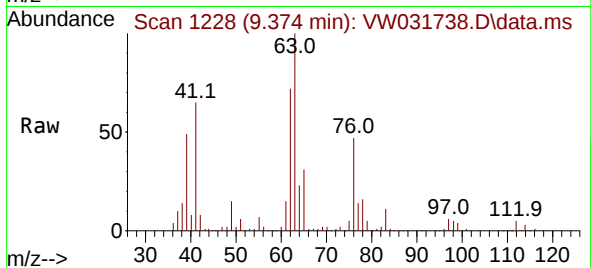




#45
1,2-Dichloropropane
Concen: 52.672 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

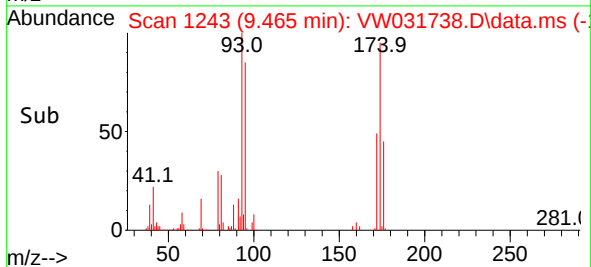
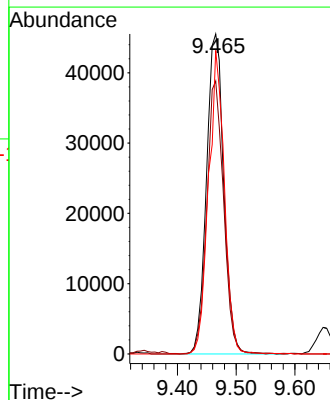
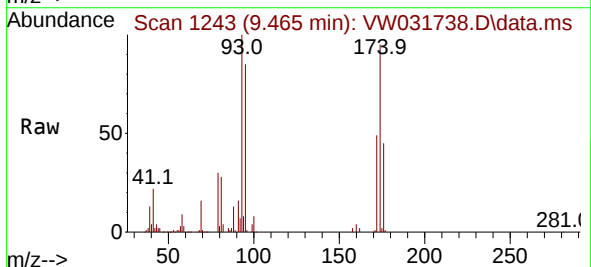
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

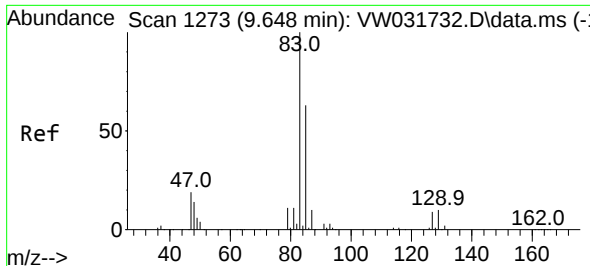
Tgt Ion: 63 Resp: 142724
Ion Ratio Lower Upper
63 100
65 31.1 24.2 36.4



#46
Dibromomethane
Concen: 53.205 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 93 Resp: 93077
Ion Ratio Lower Upper
93 100
95 83.2 67.0 100.4
174 86.9 71.7 107.5

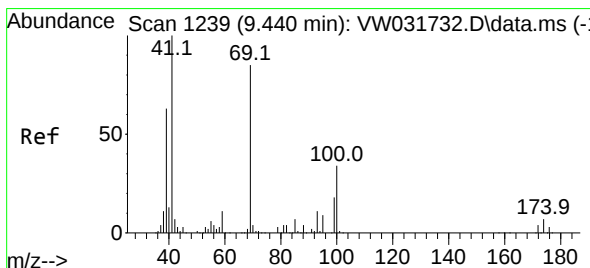
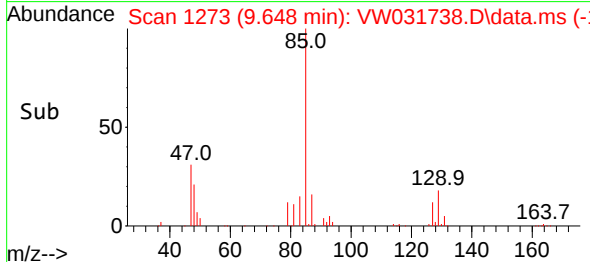
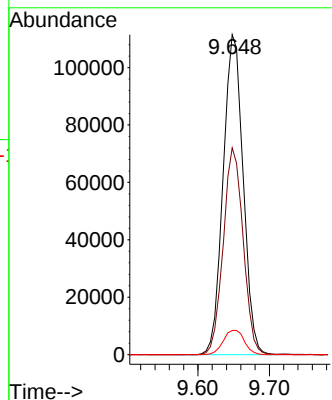
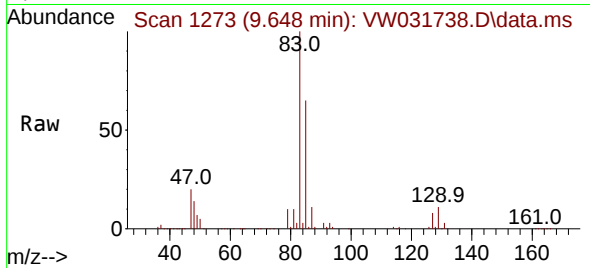




#47
Bromodichloromethane
Concen: 52.811 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

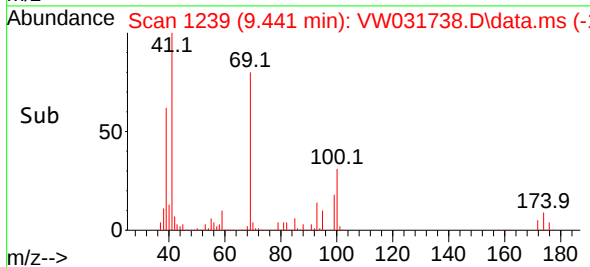
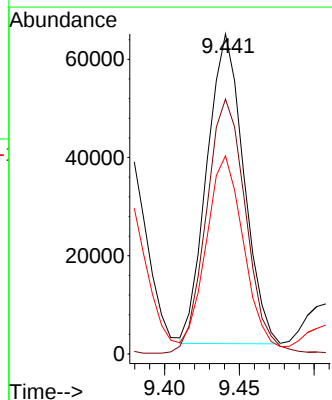
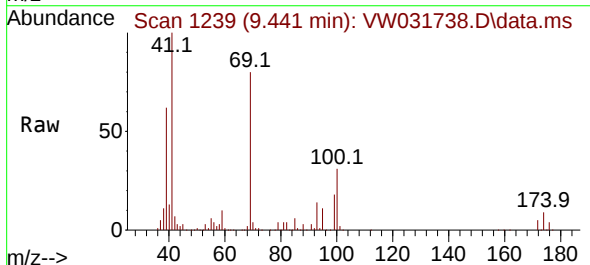
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

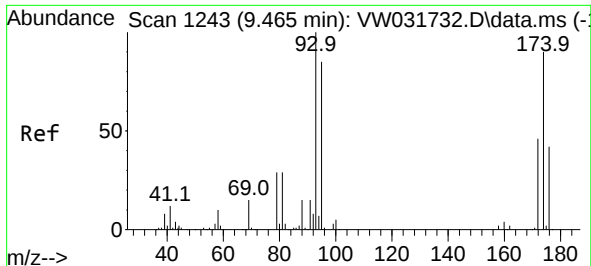
Tgt Ion: 83 Resp: 216645
Ion Ratio Lower Upper
83 100
85 64.6 50.8 76.2
127 7.6 6.8 10.2



#48
Methyl methacrylate
Concen: 53.252 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 41 Resp: 107897
Ion Ratio Lower Upper
41 100
69 88.9 71.6 107.4
39 61.0 49.5 74.3





#49

1,4-Dioxane

Concen: 995.855 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

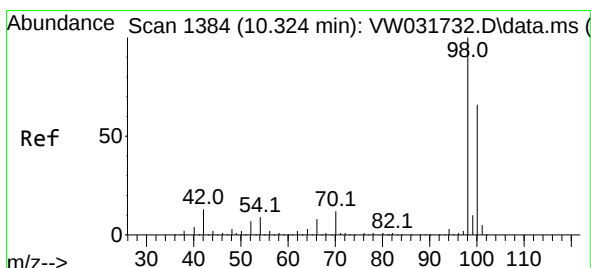
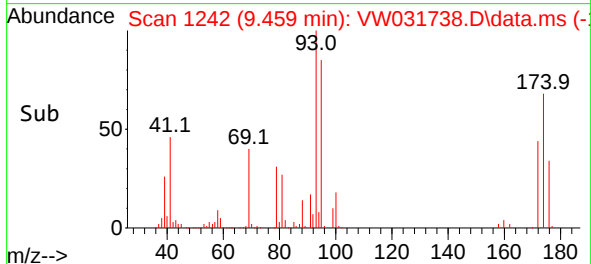
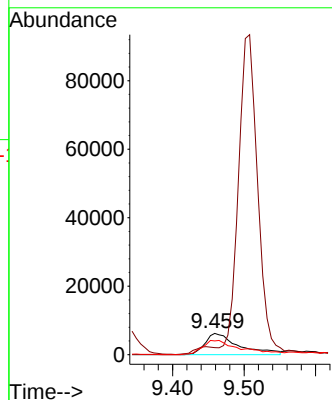
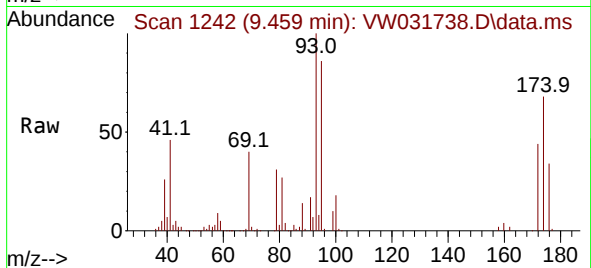
Tgt Ion: 88 Resp: 20404

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.1 58.3 87.5



#50

Toluene-d8

Concen: 52.339 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031738.D

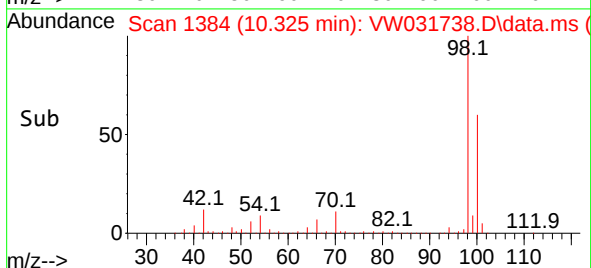
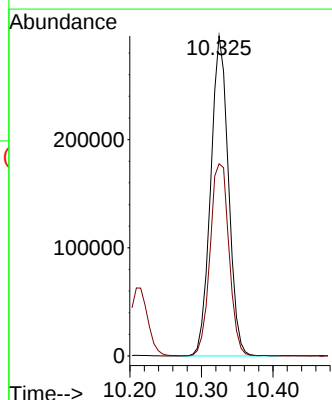
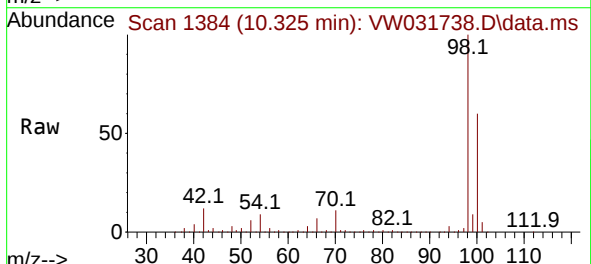
Acq: 01 Jul 2025 10:03

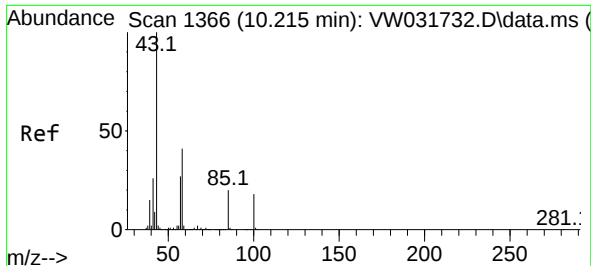
Tgt Ion: 98 Resp: 510063

Ion Ratio Lower Upper

98 100

100 64.1 53.0 79.4

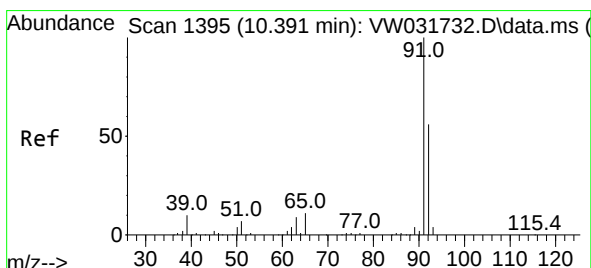
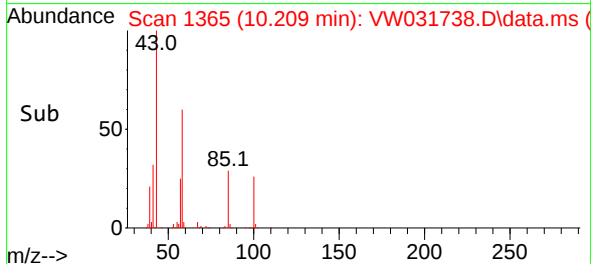
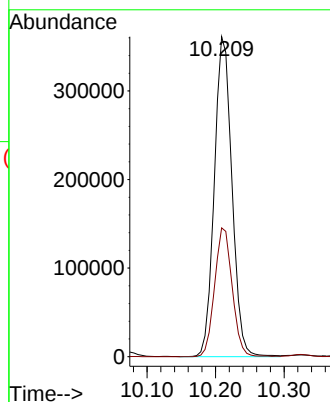
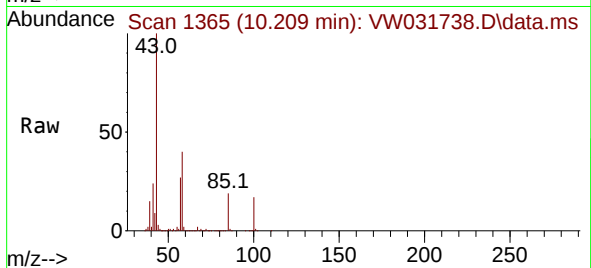




#51
4-Methyl-2-Pentanone
Concen: 272.012 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

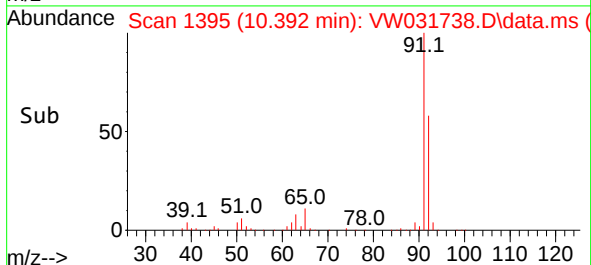
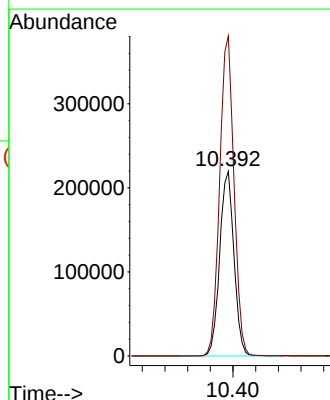
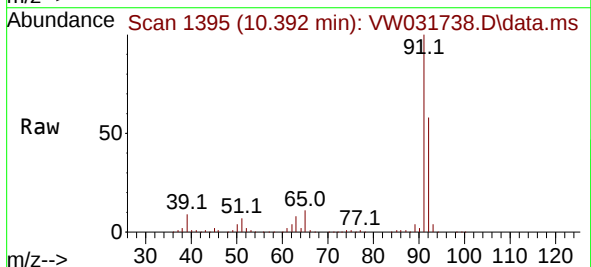
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 644400
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2



#52
Toluene
Concen: 53.205 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 92 Resp: 381926
Ion Ratio Lower Upper
92 100
91 174.1 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 55.446 ug/l

RT: 10.605 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

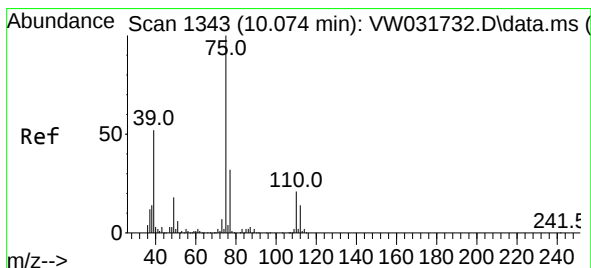
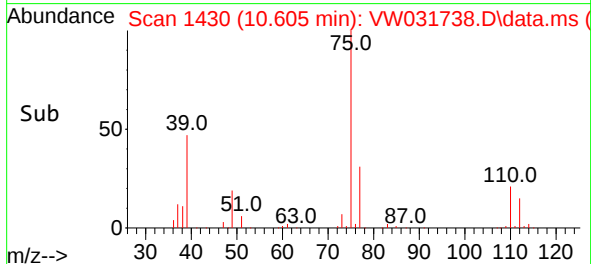
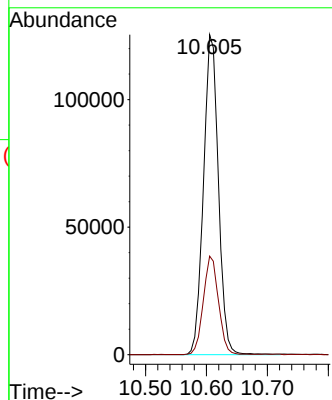
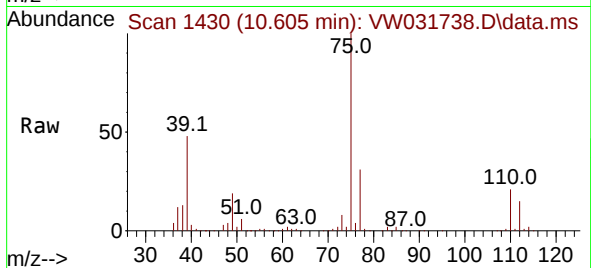
VSTDCCC050

Tgt Ion: 75 Resp: 213409

Ion Ratio Lower Upper

75 100

77 30.7 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 54.612 ug/l

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

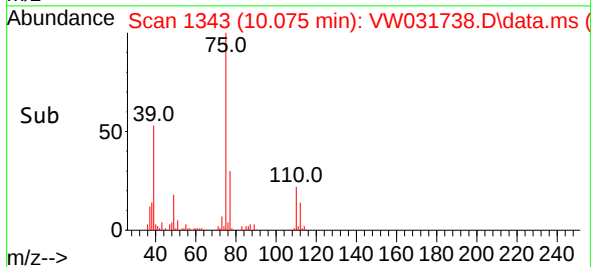
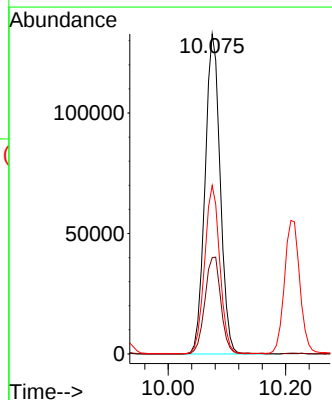
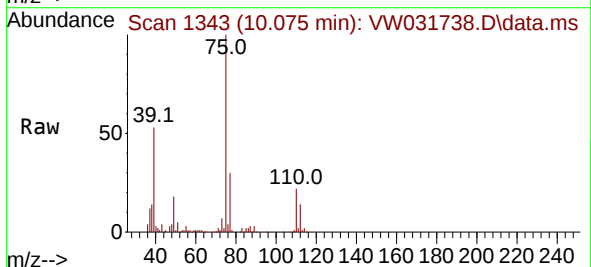
Tgt Ion: 75 Resp: 238290

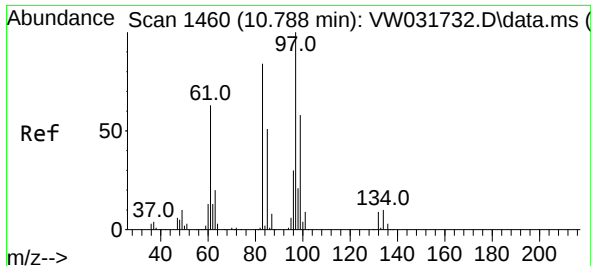
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.2

39 52.6 41.8 62.6

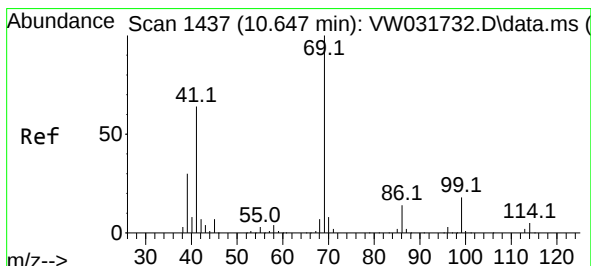
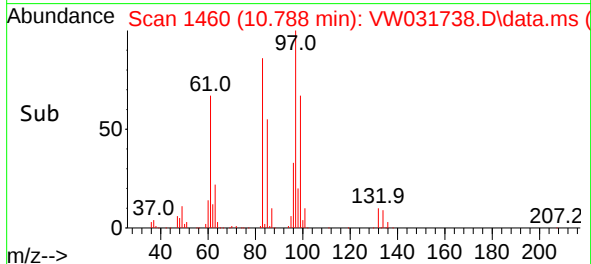
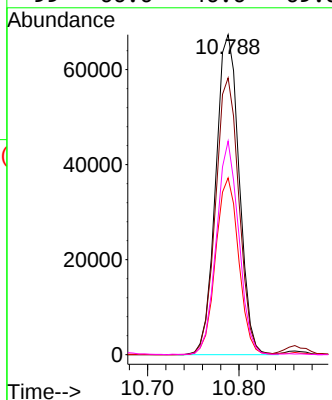
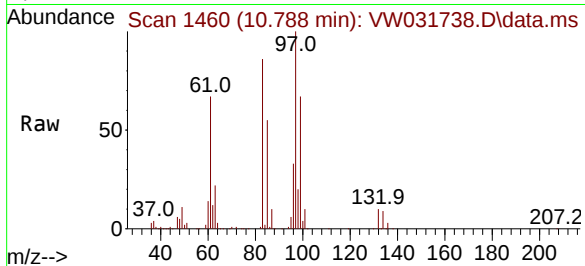




#55
1,1,2-Trichloroethane
Concen: 52.471 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

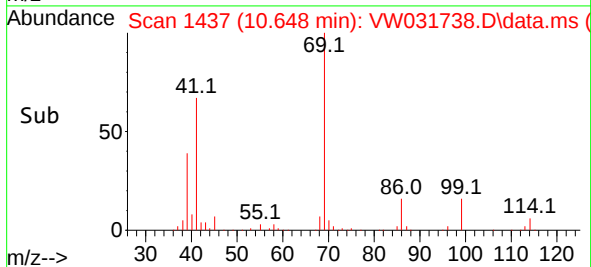
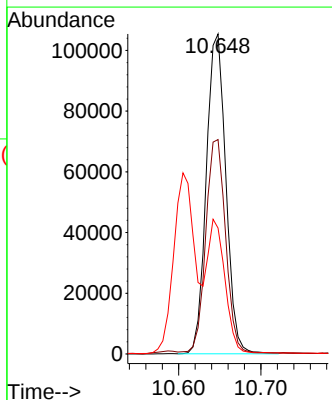
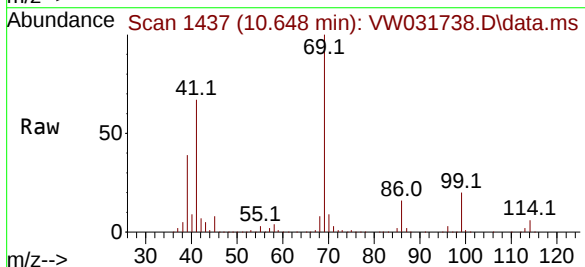
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 120240
Ion Ratio	Lower Upper
97 100	
83 86.5	66.9 100.3
85 55.2	41.1 61.7
99 66.6	46.6 69.8



#56
Ethyl methacrylate
Concen: 55.989 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 69	Resp: 174064
Ion Ratio	Lower Upper
69 100	
41 67.7	53.3 79.9
39 36.3	30.2 45.2





#57

1,3-Dichloropropane

Concen: 52.272 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

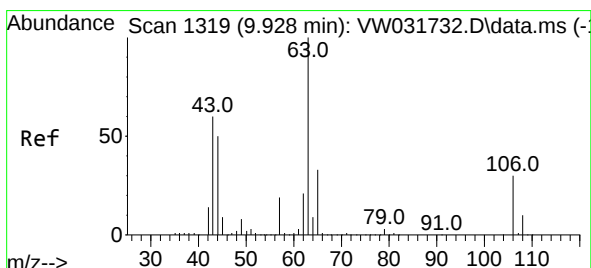
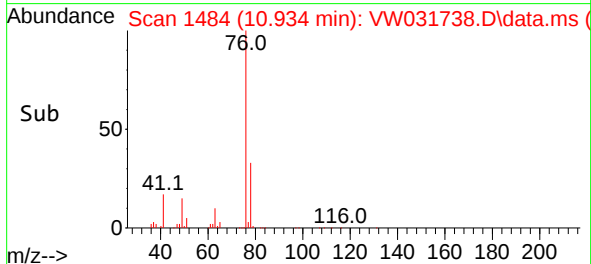
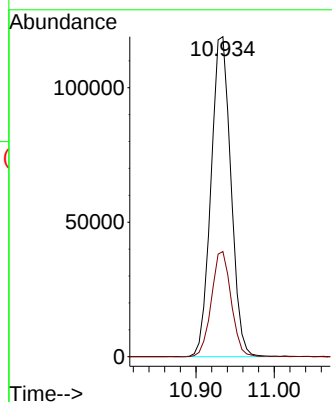
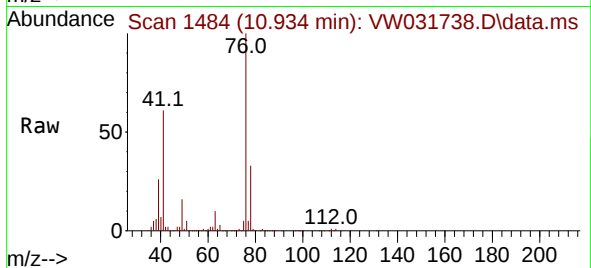
VSTDCCC050

Tgt Ion: 76 Resp: 210306

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 273.756 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031738.D

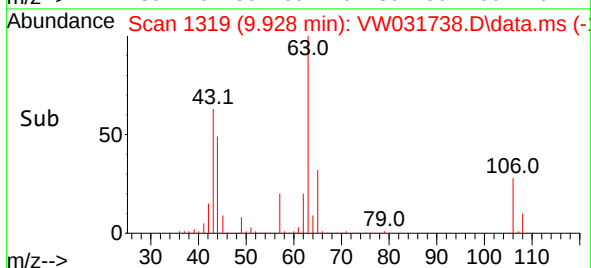
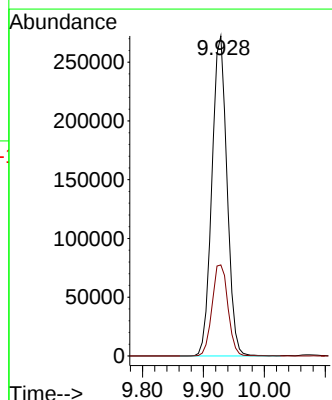
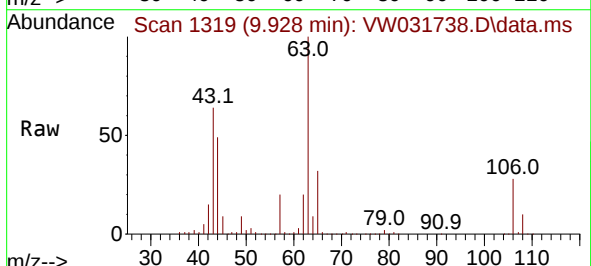
Acq: 01 Jul 2025 10:03

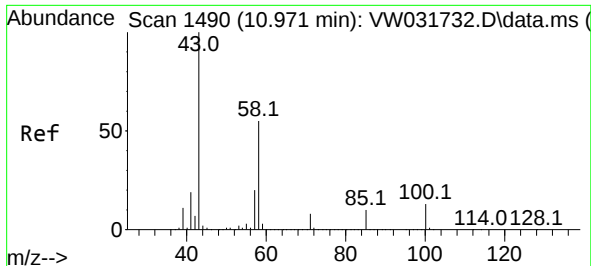
Tgt Ion: 63 Resp: 468641

Ion Ratio Lower Upper

63 100

106 29.9 24.1 36.1

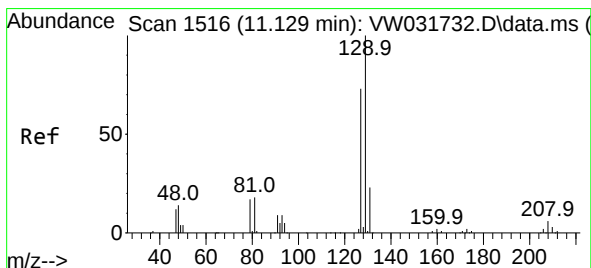
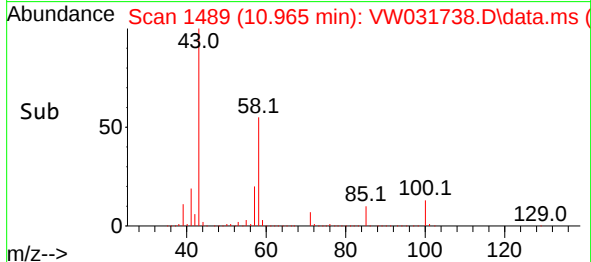
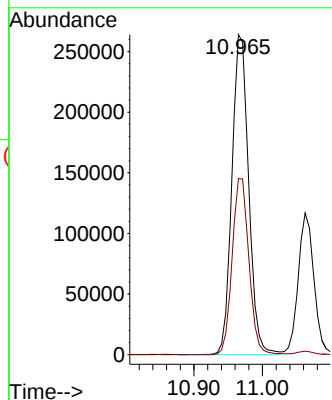
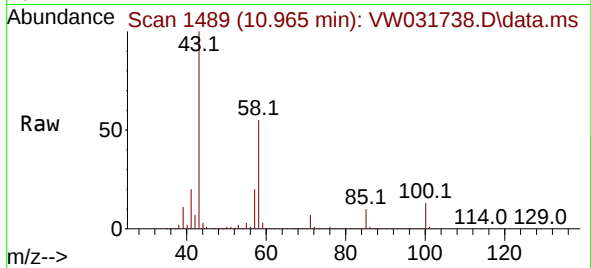




#59
2-Hexanone
Concen: 278.734 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

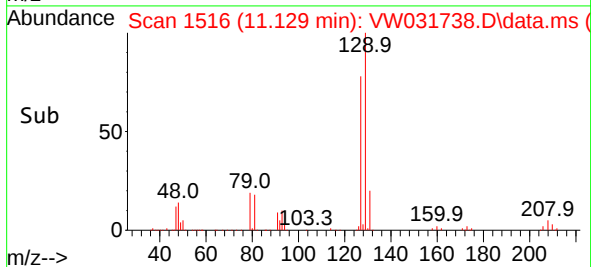
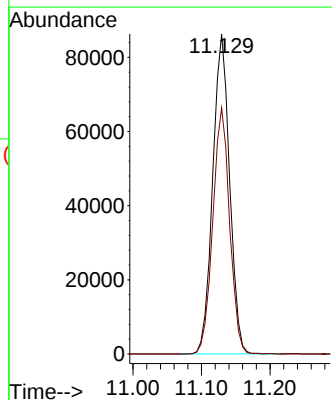
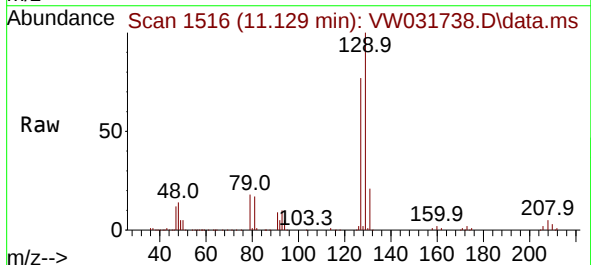
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

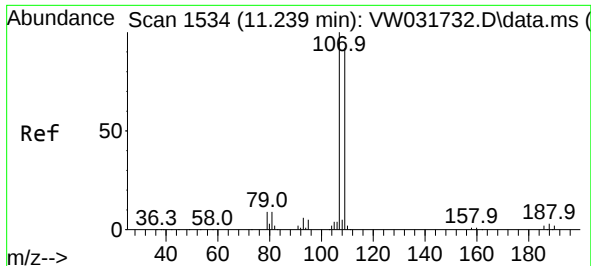
Tgt Ion: 43 Resp: 447463
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.6



#60
Dibromochloromethane
Concen: 53.914 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion:129 Resp: 147739
Ion Ratio Lower Upper
129 100
127 76.5 38.0 114.1

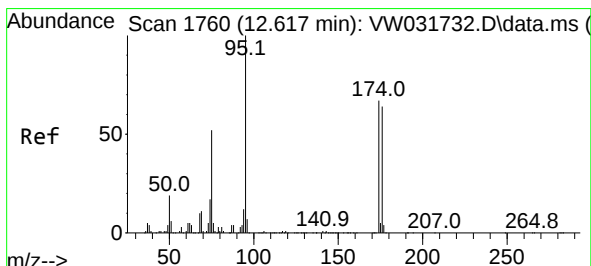
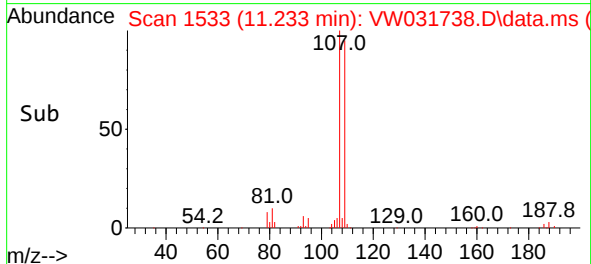
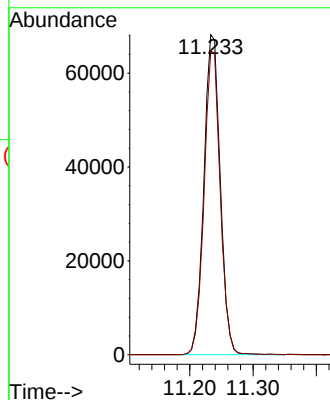
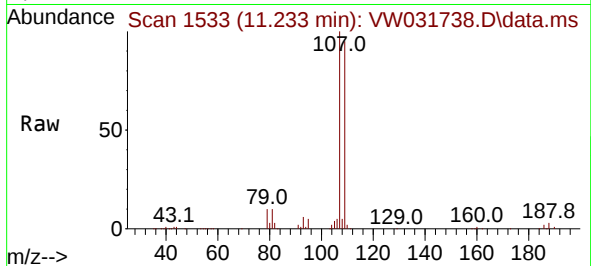




#61
1,2-Dibromoethane
Concen: 53.477 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

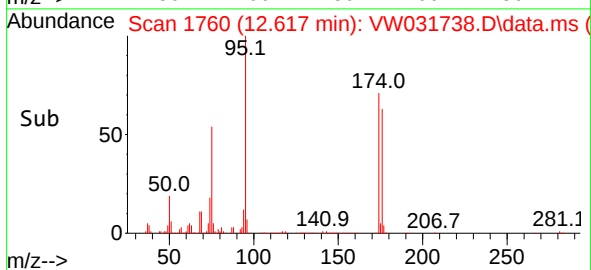
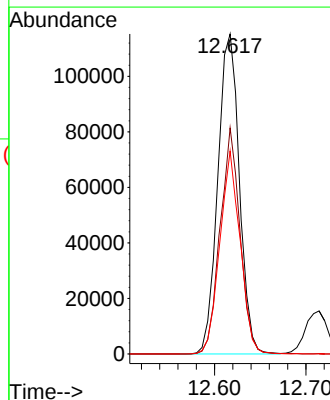
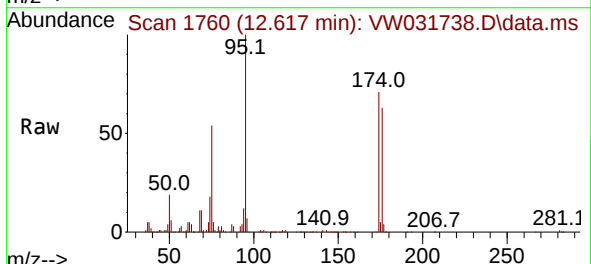
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

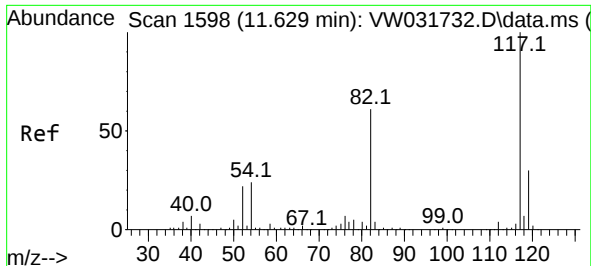
Tgt Ion:107 Resp: 122678
Ion Ratio Lower Upper
107 100
109 93.7 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.606 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 95 Resp: 188662
Ion Ratio Lower Upper
95 100
174 65.4 0.0 133.8
176 60.1 0.0 126.0

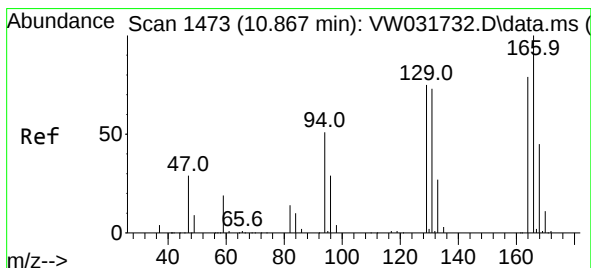
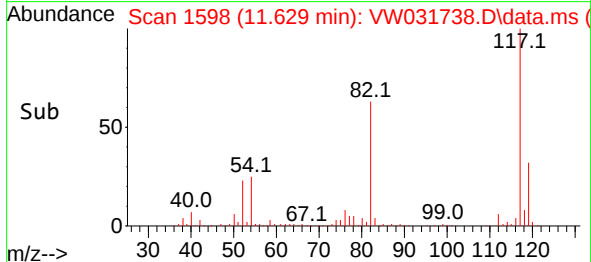
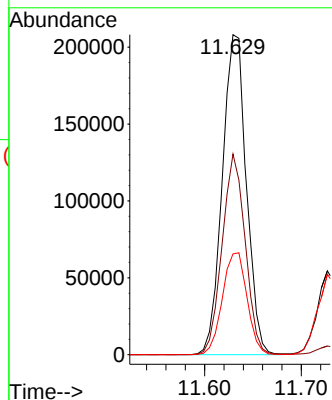
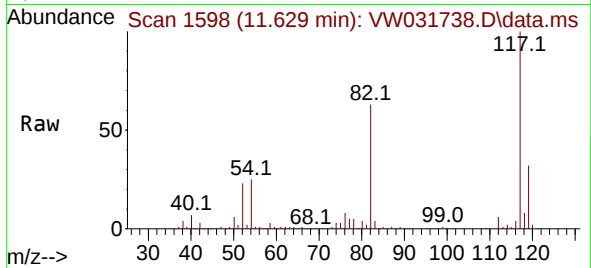




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

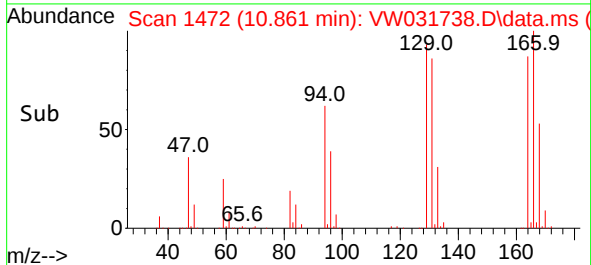
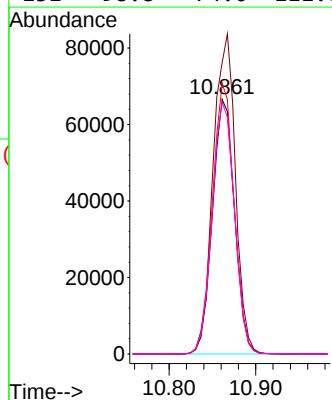
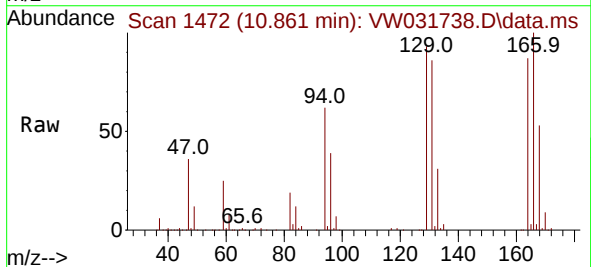
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

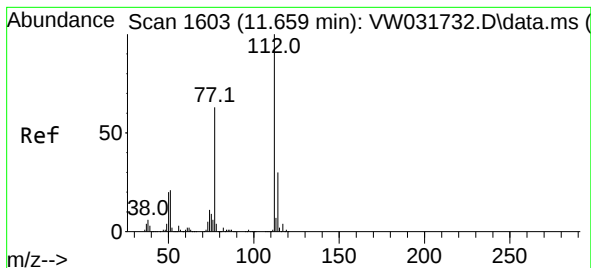
Tgt Ion:117 Resp: 359097
Ion Ratio Lower Upper
117 100
82 62.7 48.6 72.8
119 31.5 23.9 35.9



#64
Tetrachloroethene
Concen: 50.120 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion:164 Resp: 117728
Ion Ratio Lower Upper
164 100
166 114.3 100.7 151.1
129 106.3 75.4 113.0
131 98.8 74.0 111.0





#65

Chlorobenzene

Concen: 52.882 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

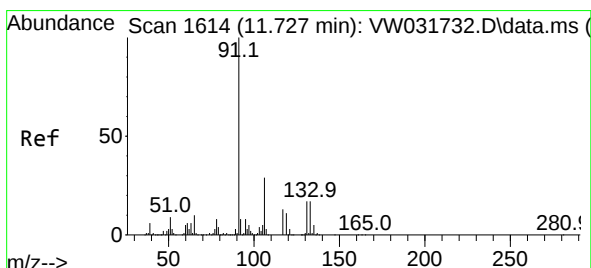
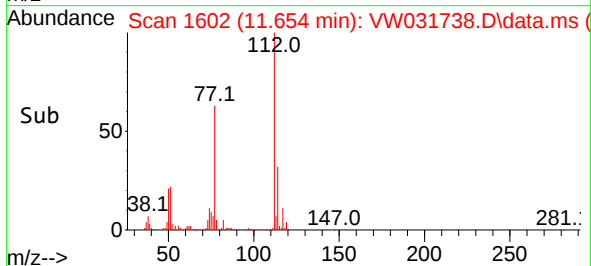
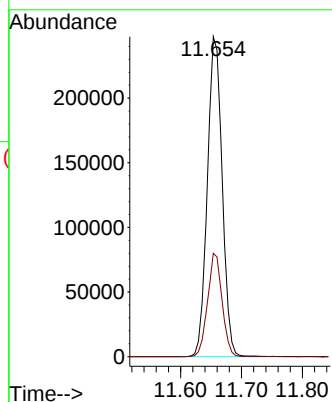
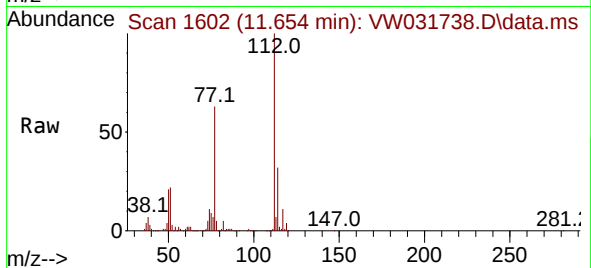
VSTDCCC050

Tgt Ion:112 Resp: 418982

Ion Ratio Lower Upper

112 100

114 32.3 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 54.959 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

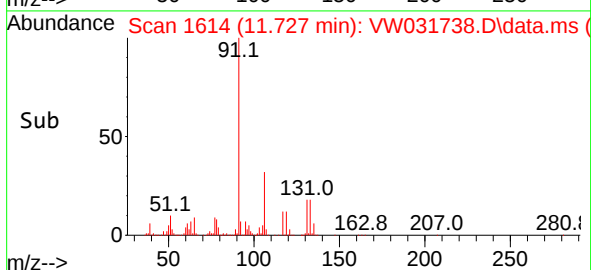
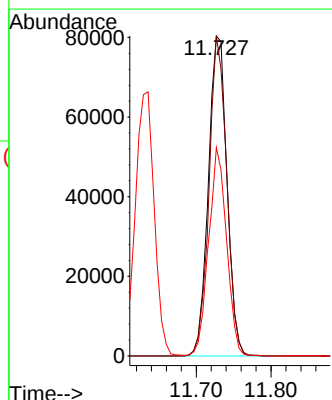
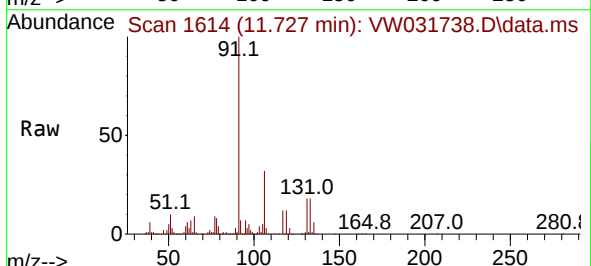
Tgt Ion:131 Resp: 138759

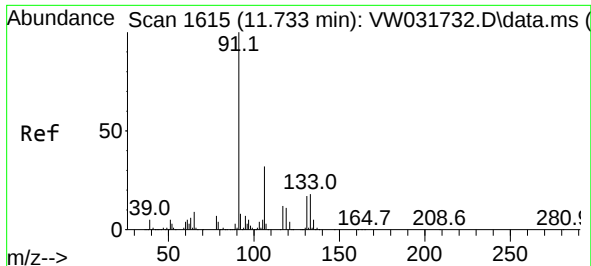
Ion Ratio Lower Upper

131 100

133 95.1 48.5 145.6

119 63.0 32.5 97.5





#67

Ethyl Benzene

Concen: 53.647 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

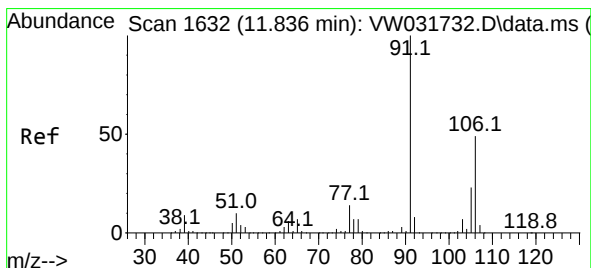
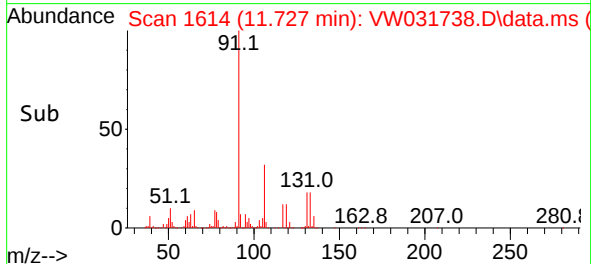
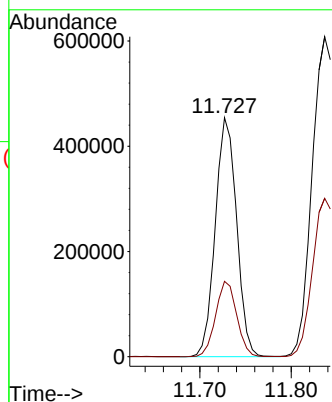
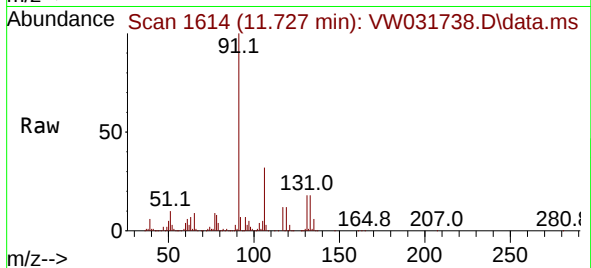
VSTDCCC050

Tgt Ion: 91 Resp: 737033

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.2



#68

m/p-Xylenes

Concen: 107.541 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031738.D

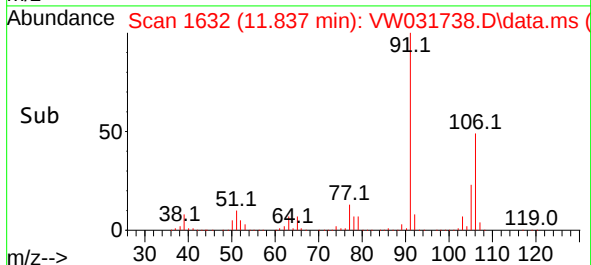
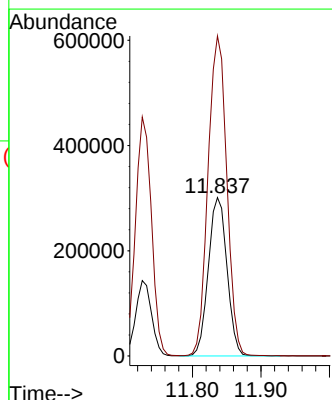
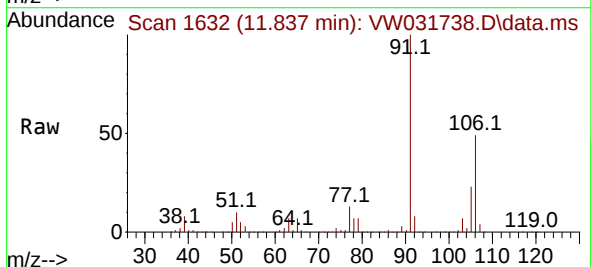
Acq: 01 Jul 2025 10:03

Tgt Ion:106 Resp: 567959

Ion Ratio Lower Upper

106 100

91 203.5 166.4 249.6

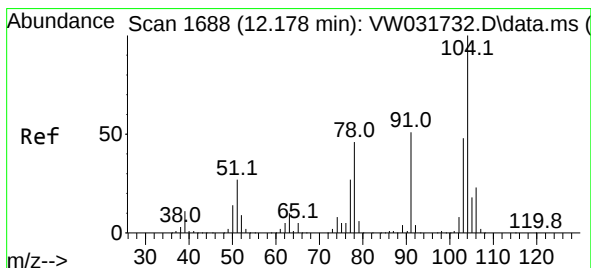
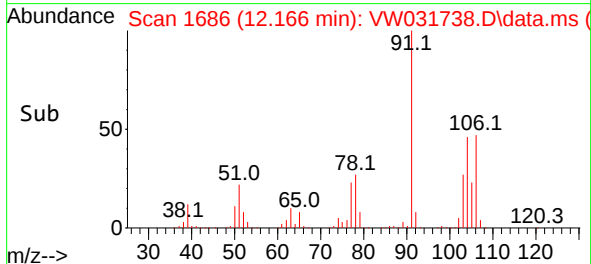
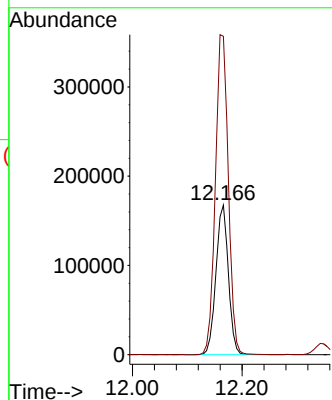
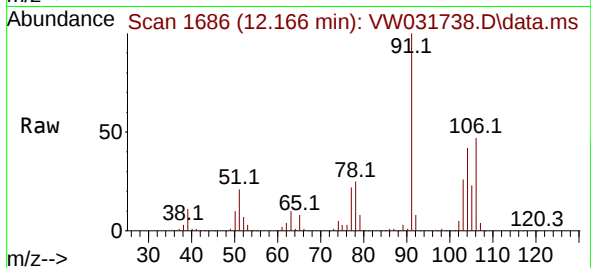




#69
o-Xylene
Concen: 53.809 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

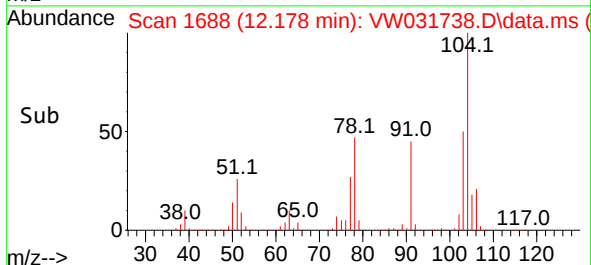
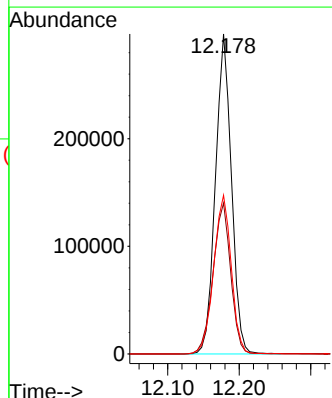
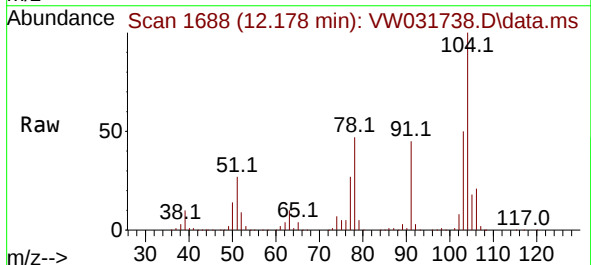
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

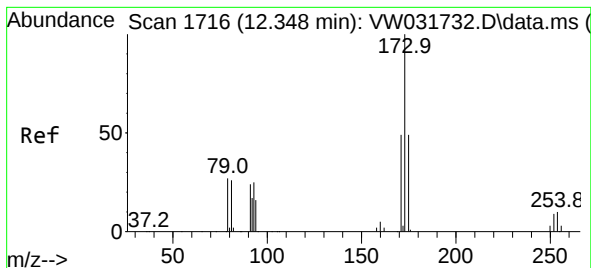
Tgt Ion:106 Resp: 263124
Ion Ratio Lower Upper
106 100
91 222.7 111.5 334.4



#70
Styrene
Concen: 54.676 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion:104 Resp: 462213
Ion Ratio Lower Upper
104 100
78 52.0 42.1 63.1
103 54.6 43.0 64.6





#71

Bromoform

Concen: 56.341 ug/l

RT: 12.343 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

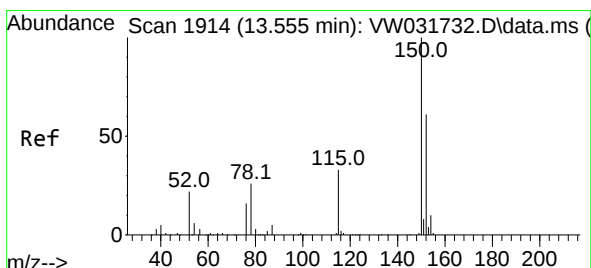
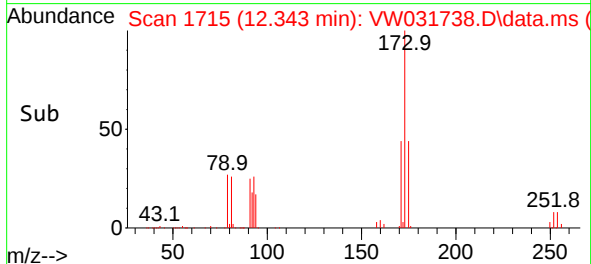
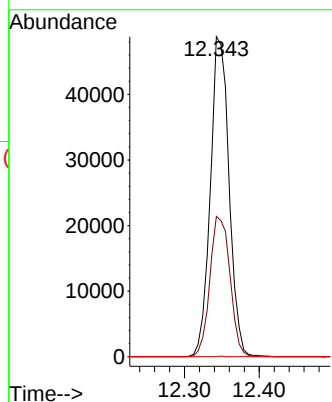
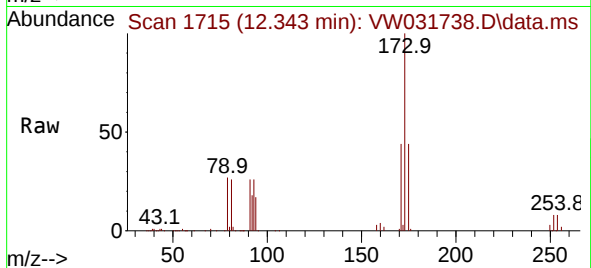
Tgt Ion:173 Resp: 84860

Ion Ratio Lower Upper

173 100

175 47.0 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

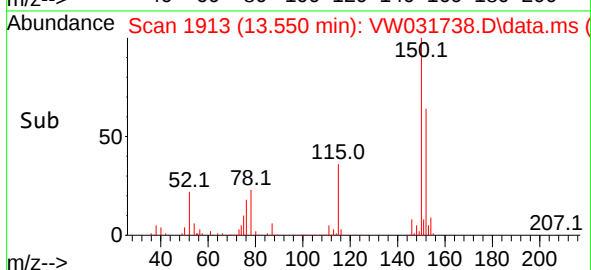
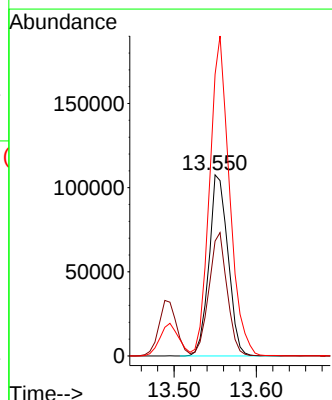
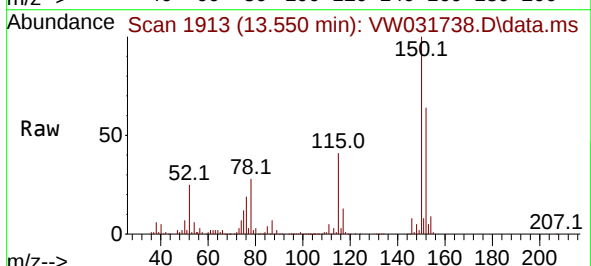
Tgt Ion:152 Resp: 172652

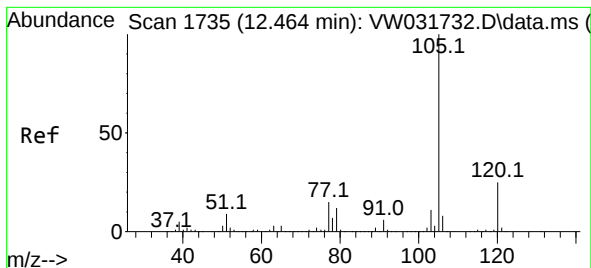
Ion Ratio Lower Upper

152 100

115 65.3 31.9 95.7

150 184.9 0.0 356.4





#73

Isopropylbenzene

Concen: 52.704 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

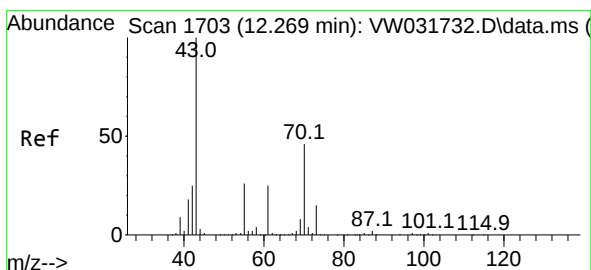
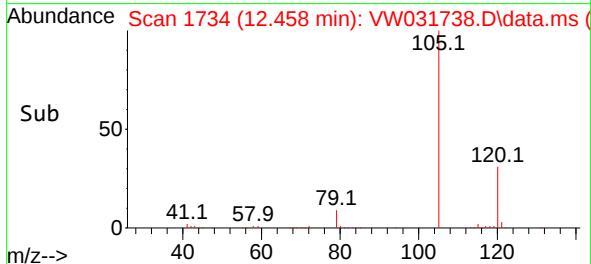
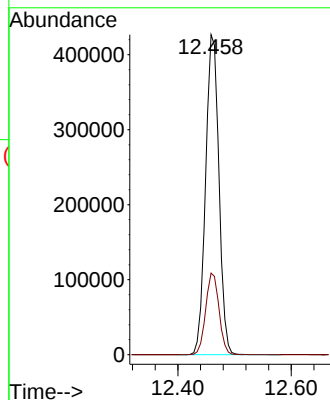
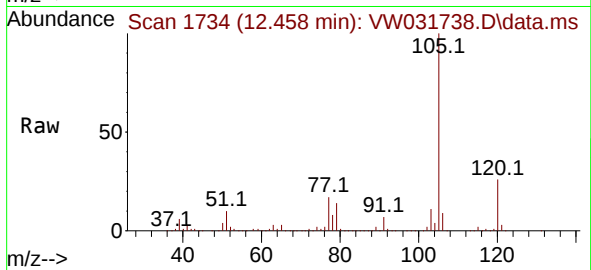
VSTDCCC050

Tgt Ion:105 Resp: 692150

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



#74

N-ethyl acetate

Concen: 57.170 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Tgt Ion: 43 Resp: 202366

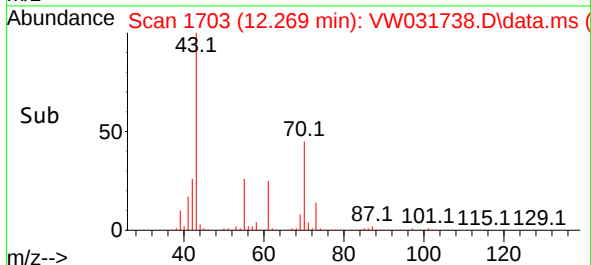
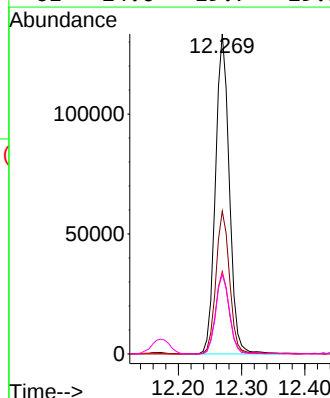
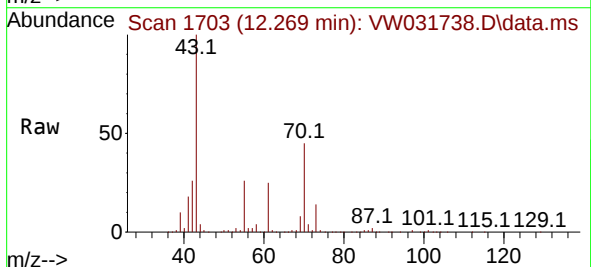
Ion Ratio Lower Upper

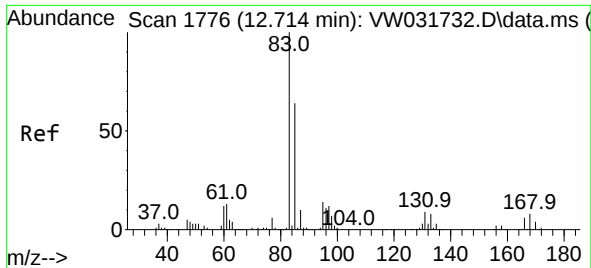
43 100

70 44.1 36.0 54.0

55 25.6 20.8 31.2

61 24.6 19.7 29.5

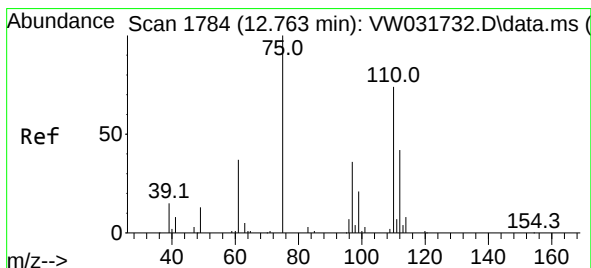
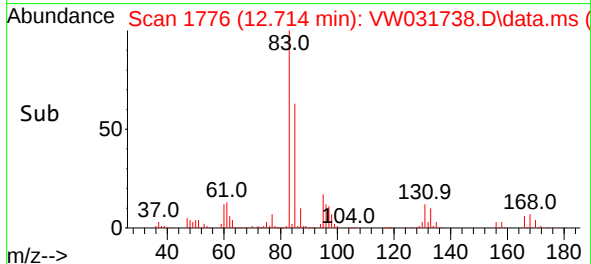
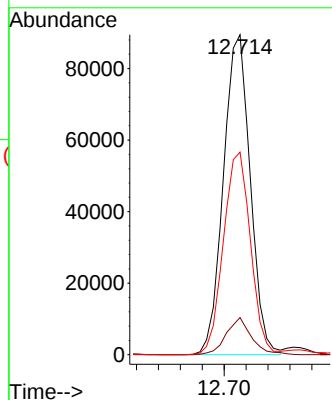
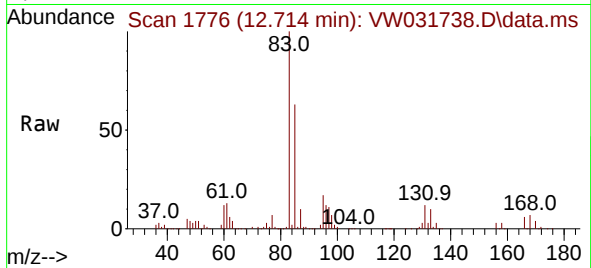




#75
1,1,2,2-Tetrachloroethane
Concen: 52.182 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

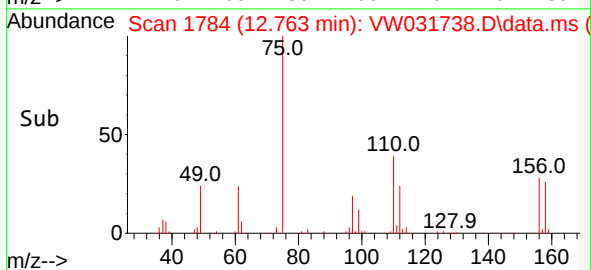
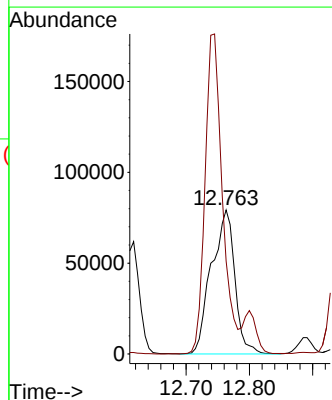
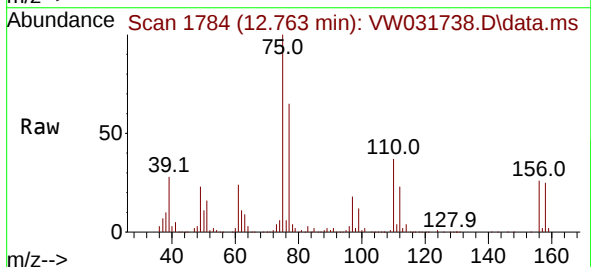
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

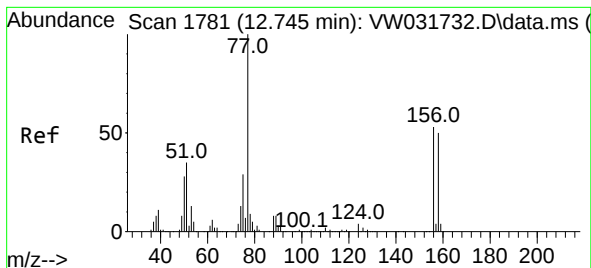
Tgt Ion: 83 Resp: 152143
Ion Ratio Lower Upper
83 100
131 10.9 5.3 16.1
85 64.0 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 91.317 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 75 Resp: 203741
Ion Ratio Lower Upper
75 100
77 164.2 141.2 423.6





#77

Bromobenzene

Concen: 54.230 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

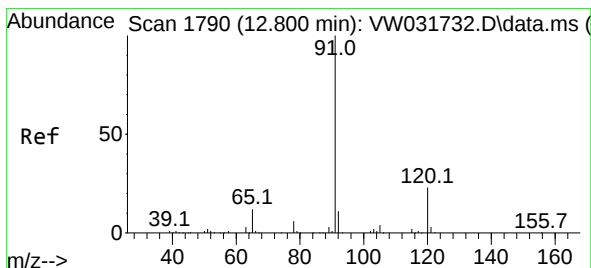
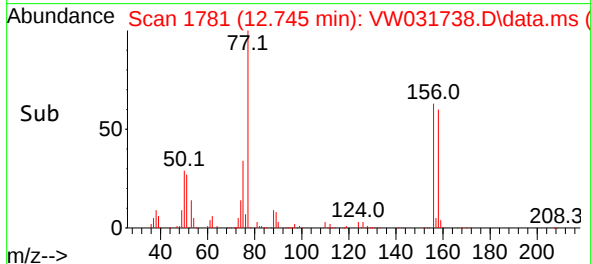
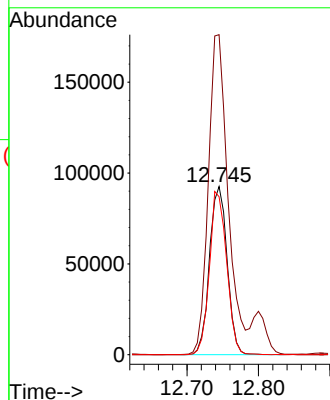
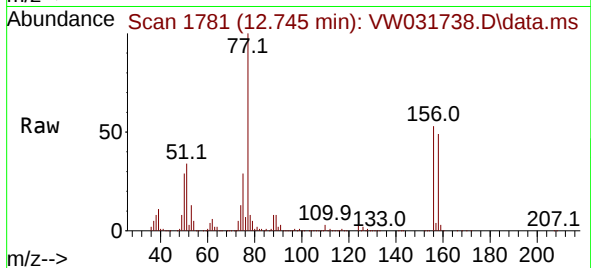
Tgt Ion:156 Resp: 158842

Ion Ratio Lower Upper

156 100

77 210.6 117.9 353.7

158 94.9 52.6 157.8



#78

n-propylbenzene

Concen: 53.418 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031738.D

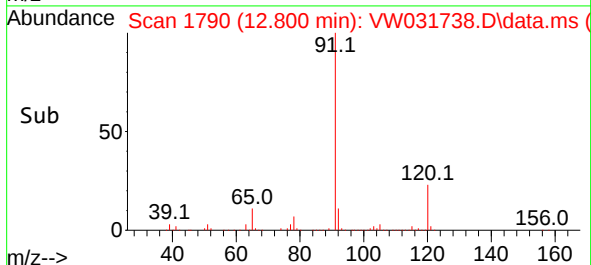
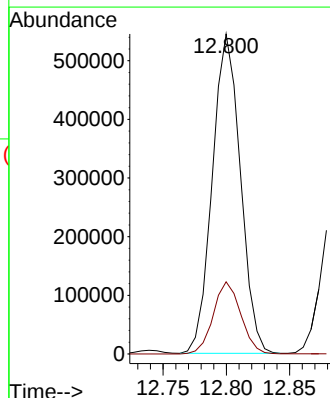
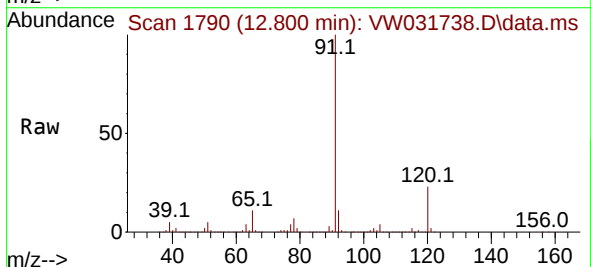
Acq: 01 Jul 2025 10:03

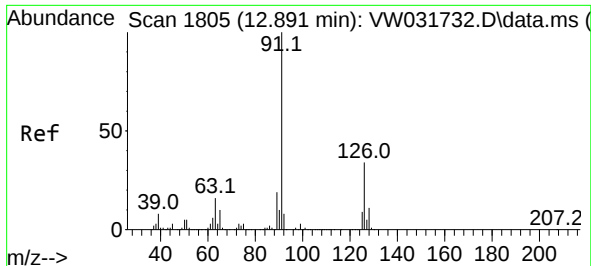
Tgt Ion: 91 Resp: 840068

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

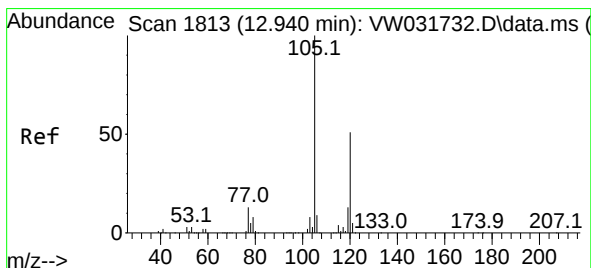
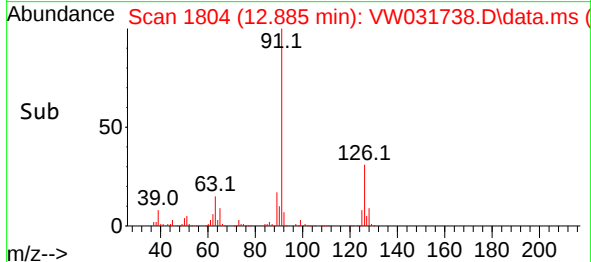
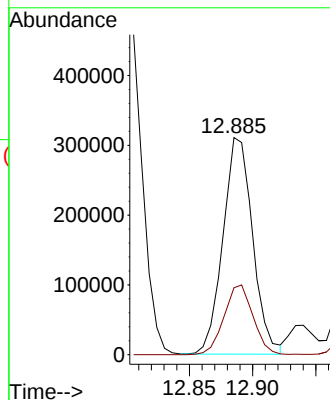
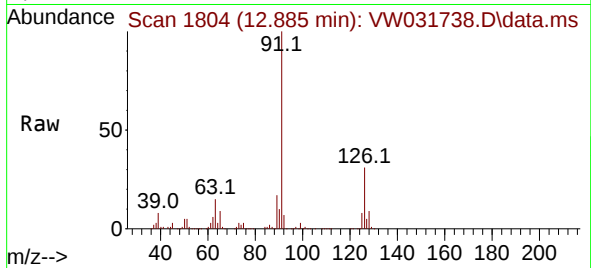




#79
2-Chlorotoluene
Concen: 53.613 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

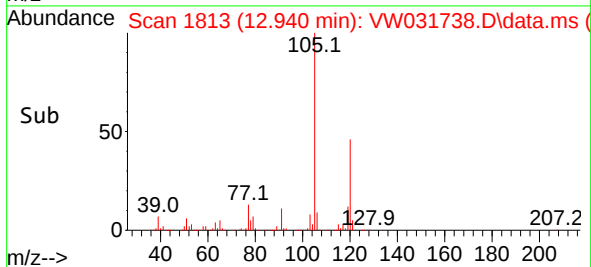
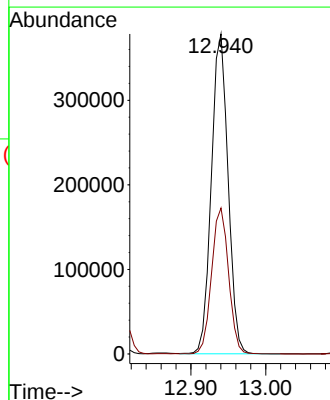
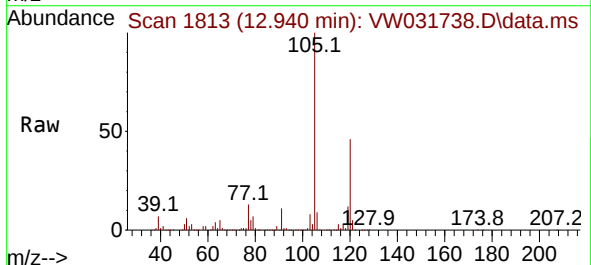
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

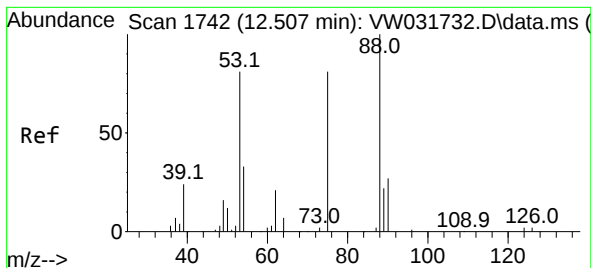
Tgt Ion: 91 Resp: 507715
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 53.998 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 105 Resp: 586997
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.2

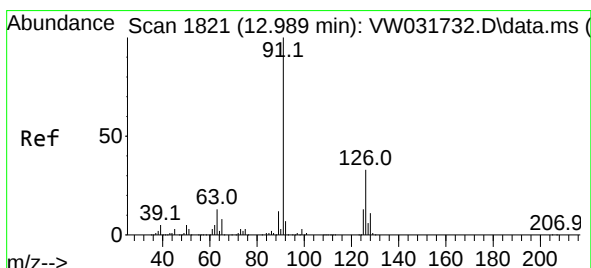
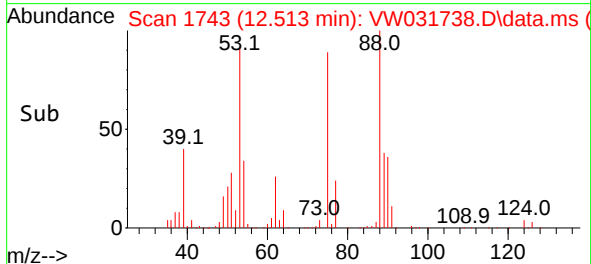
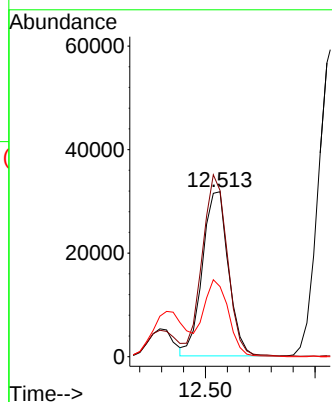
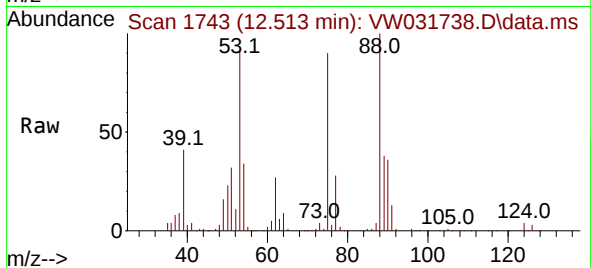




#81
trans-1,4-Dichloro-2-butene
Concen: 54.489 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

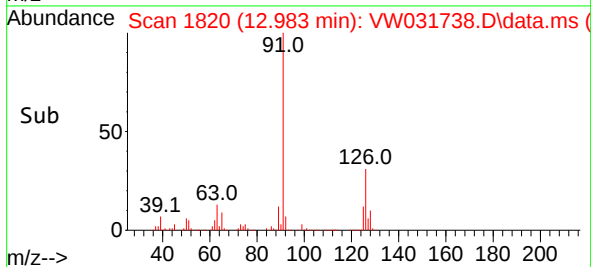
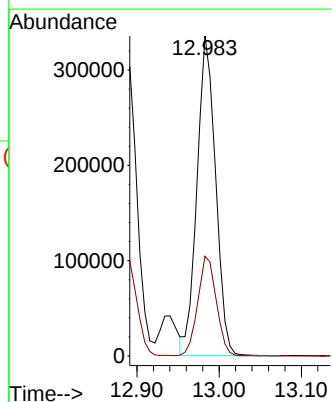
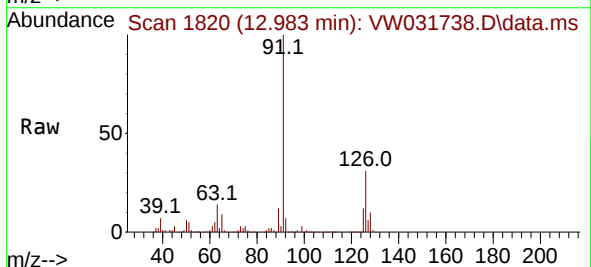
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

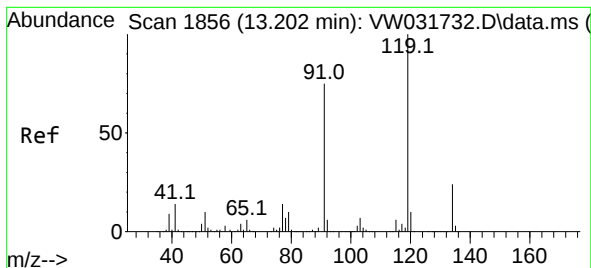
Tgt Ion: 75 Resp: 52196
Ion Ratio Lower Upper
75 100
53 108.3 83.5 125.3
89 45.0 38.3 57.5



#82
4-Chlorotoluene
Concen: 52.969 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion: 91 Resp: 526634
Ion Ratio Lower Upper
91 100
126 31.3 16.0 47.9

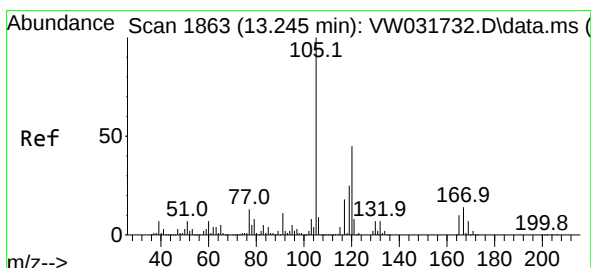
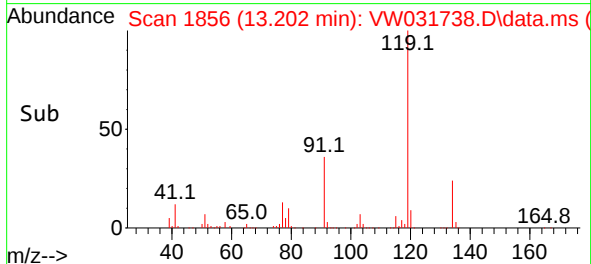
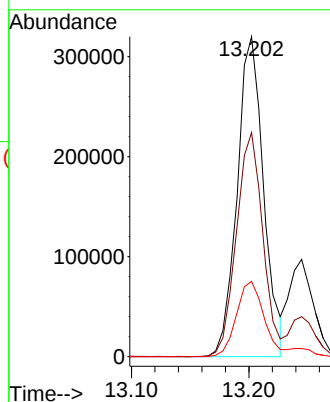
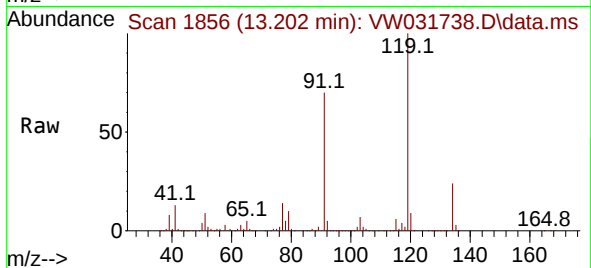




#83
tert-Butylbenzene
Concen: 53.665 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

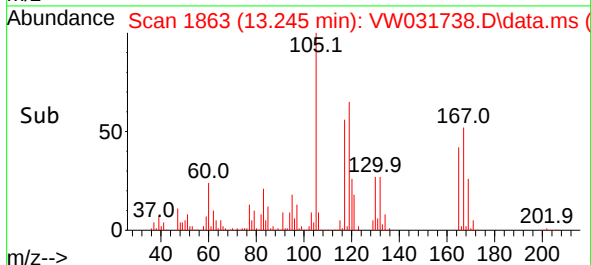
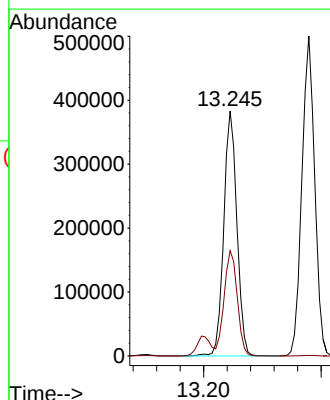
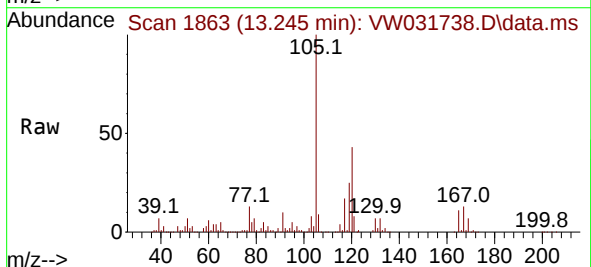
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

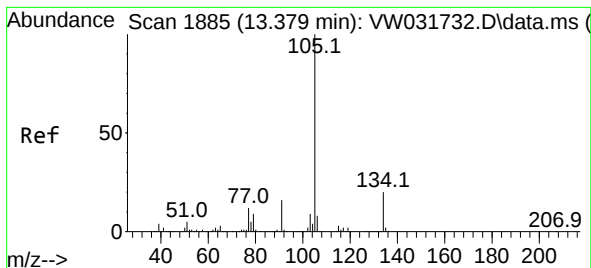
Tgt Ion:119 Resp: 499717
Ion Ratio Lower Upper
119 100
91 70.0 36.0 108.1
134 24.7 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 53.847 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion:105 Resp: 593095
Ion Ratio Lower Upper
105 100
120 42.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 54.041 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

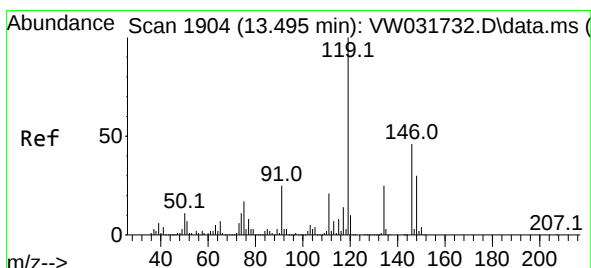
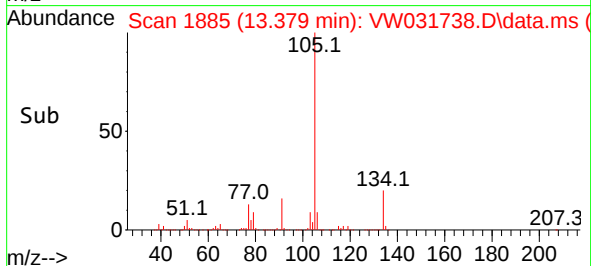
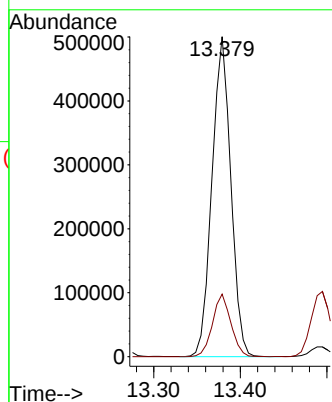
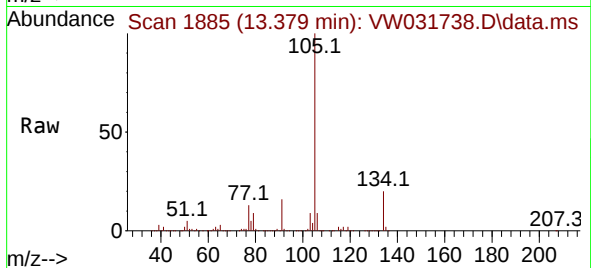
VSTDCCC050

Tgt Ion:105 Resp: 755319

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.8



#86

p-Isopropyltoluene

Concen: 54.606 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

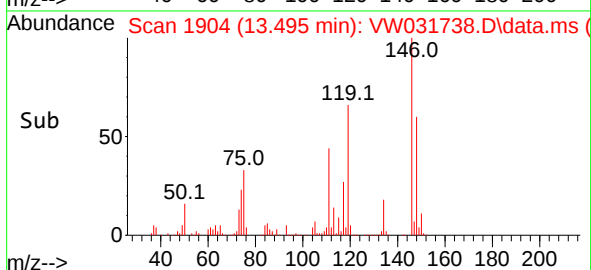
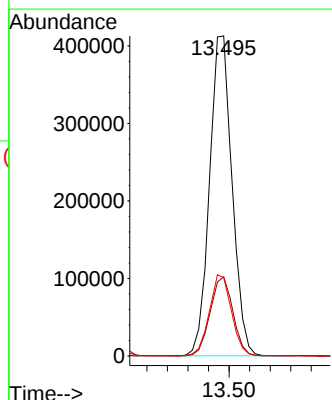
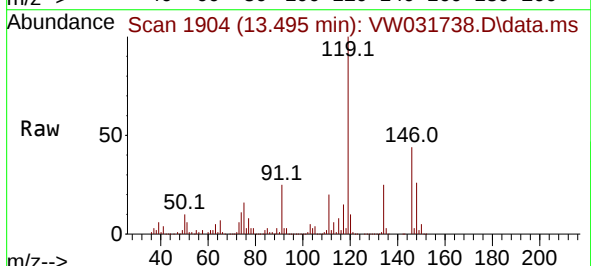
Tgt Ion:119 Resp: 628996

Ion Ratio Lower Upper

119 100

134 24.8 12.9 38.7

91 24.9 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 53.569 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

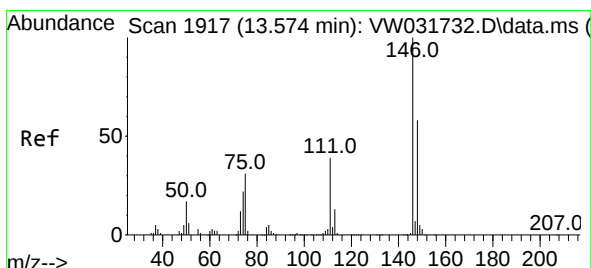
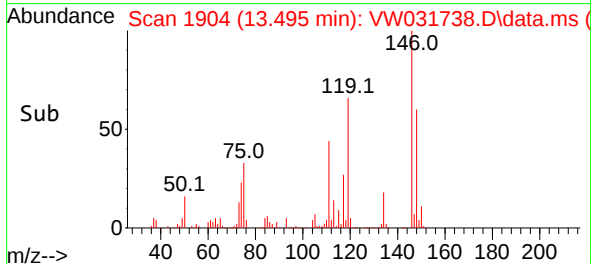
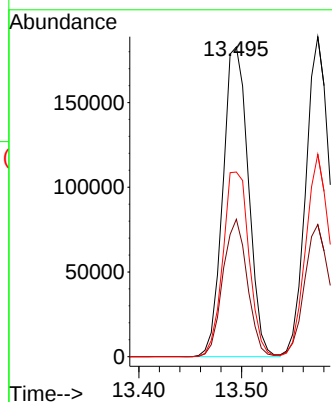
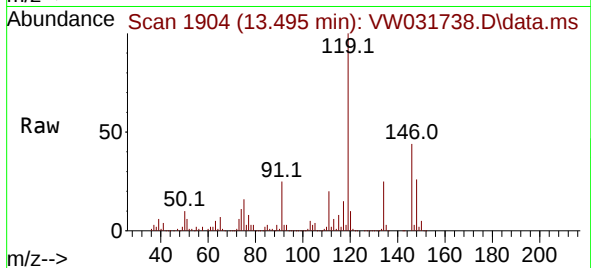
Tgt Ion:146 Resp: 314668

Ion Ratio Lower Upper

146 100

111 42.7 22.3 66.9

148 61.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 50.593 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

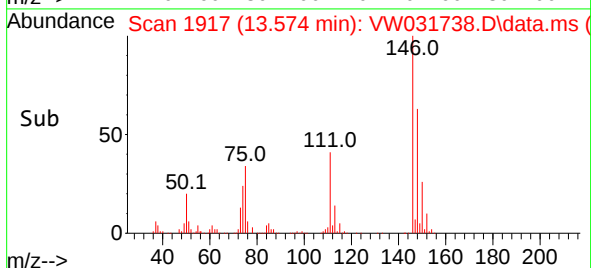
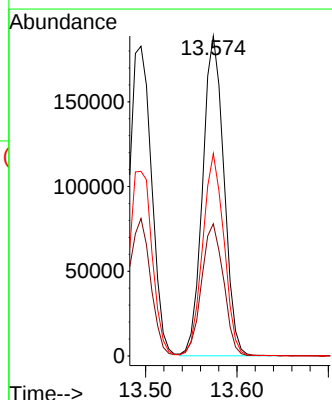
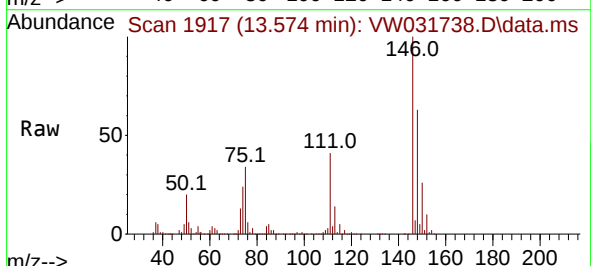
Tgt Ion:146 Resp: 304185

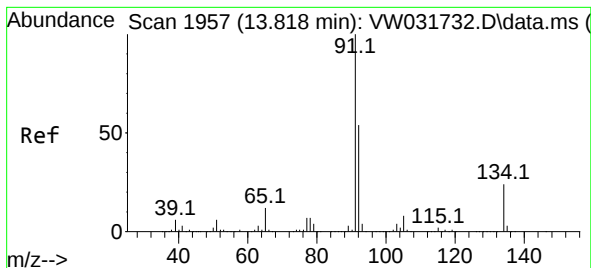
Ion Ratio Lower Upper

146 100

111 43.1 20.4 61.3

148 63.6 30.2 90.6





#89

n-Butylbenzene

Concen: 54.259 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

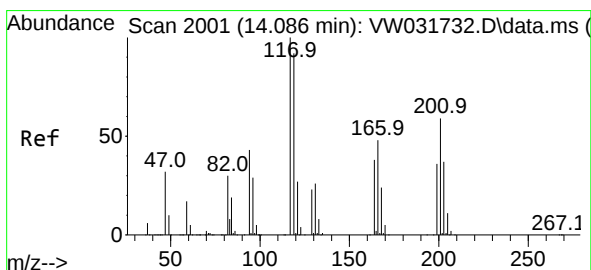
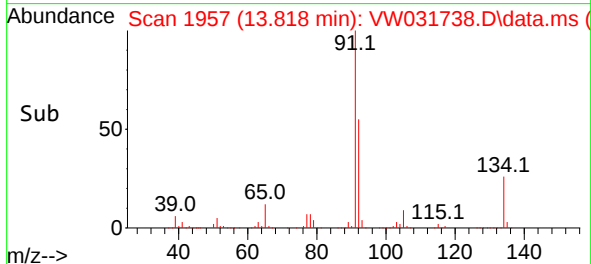
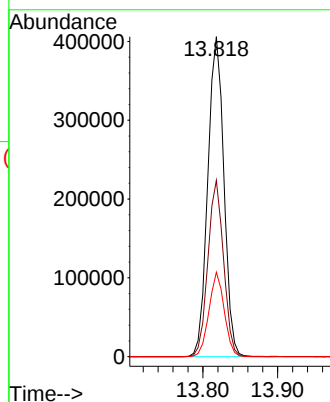
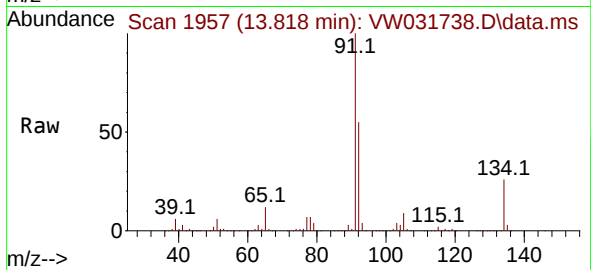
Tgt Ion: 91 Resp: 607254

Ion Ratio Lower Upper

91 100

92 53.6 27.2 81.5

134 25.1 12.2 36.6



#90

Hexachloroethane

Concen: 53.523 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031738.D

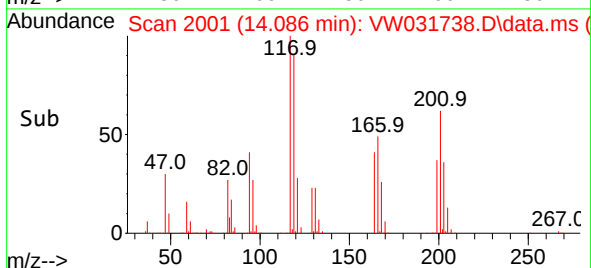
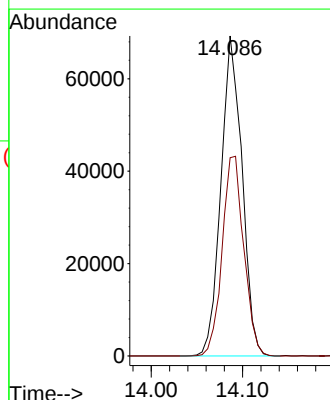
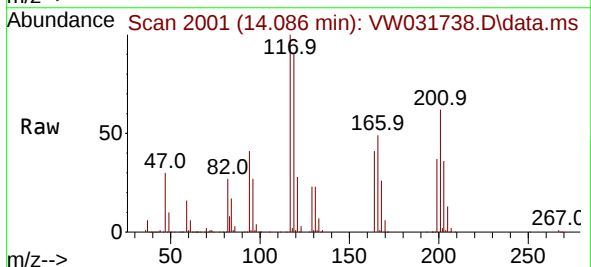
Acq: 01 Jul 2025 10:03

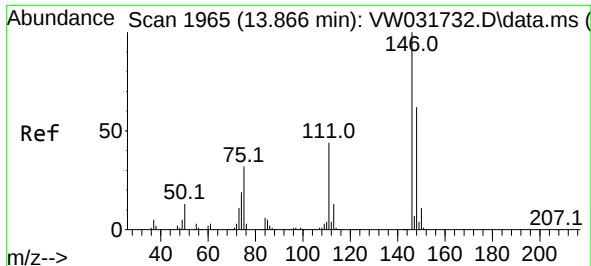
Tgt Ion: 117 Resp: 111225

Ion Ratio Lower Upper

117 100

201 64.0 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 50.872 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

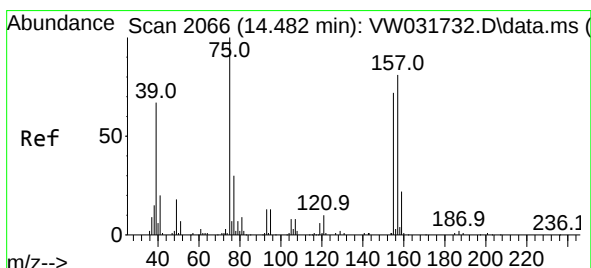
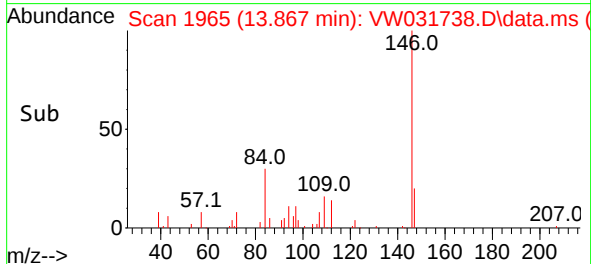
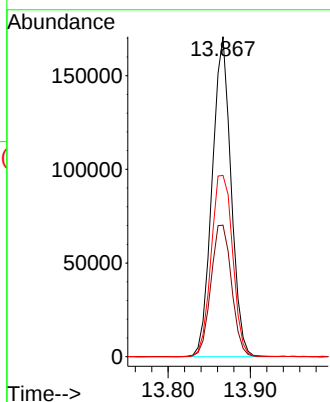
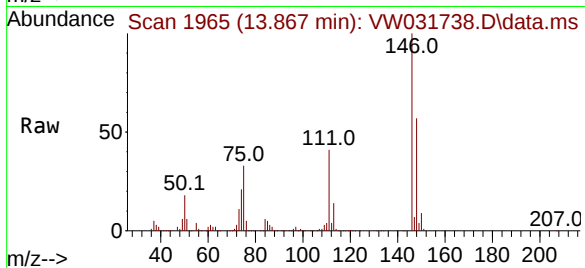
Tgt Ion:146 Resp: 273126

Ion Ratio Lower Upper

146 100

111 44.8 21.7 65.1

148 64.4 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.893 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

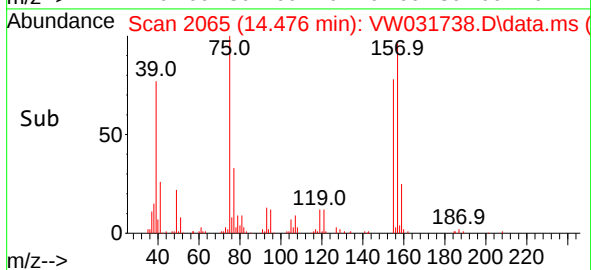
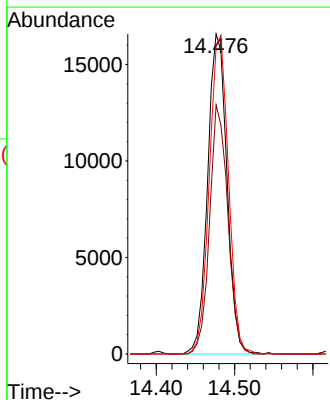
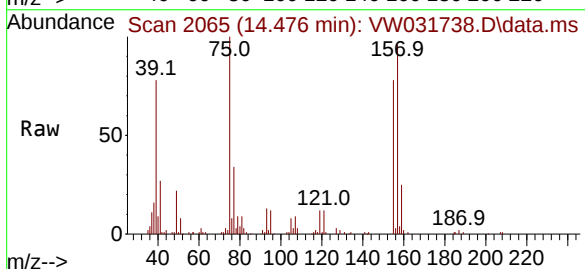
Tgt Ion: 75 Resp: 28404

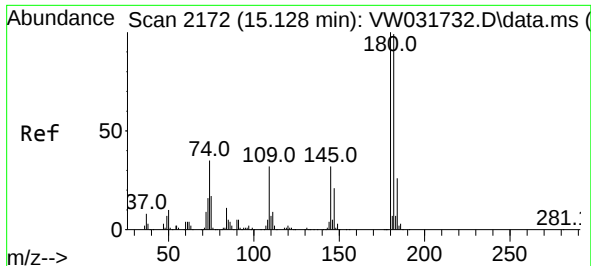
Ion Ratio Lower Upper

75 100

155 73.0 37.2 111.6

157 98.7 45.6 136.9

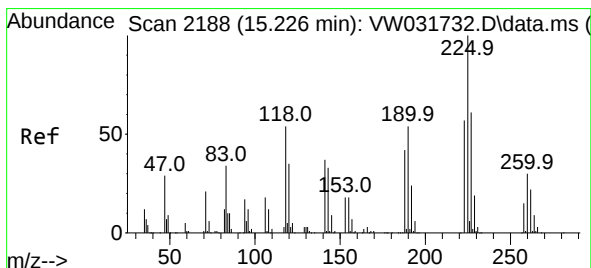
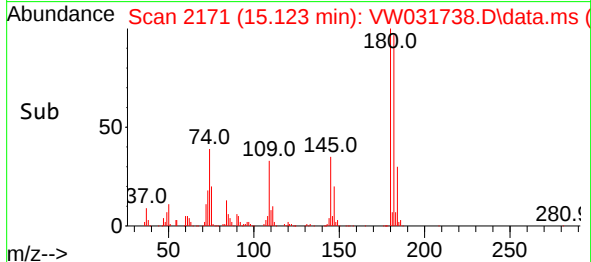
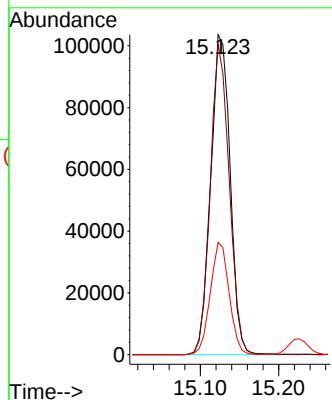
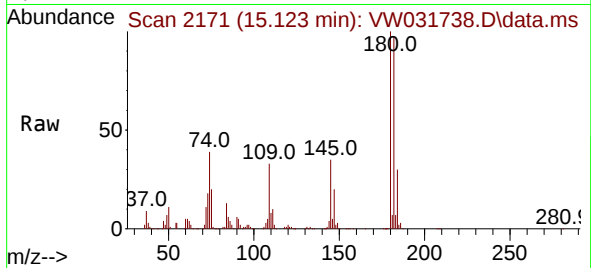




#93
1,2,4-Trichlorobenzene
Concen: 53.907 ug/l
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

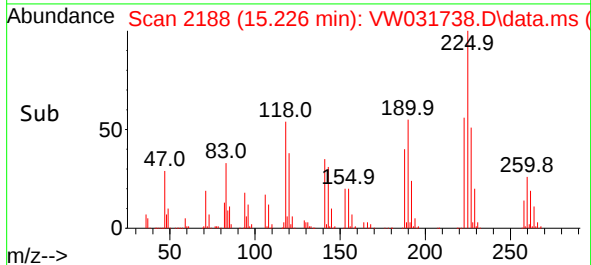
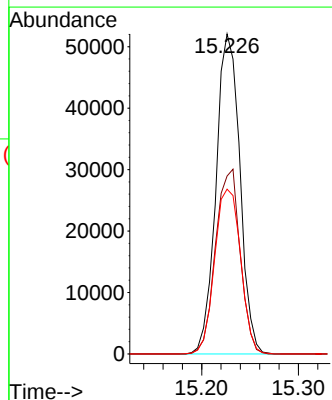
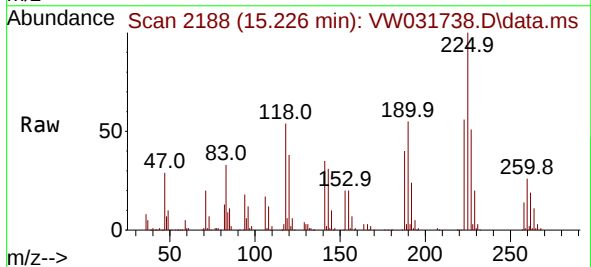
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

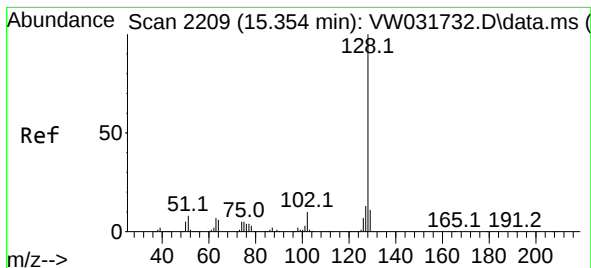
Tgt Ion:180 Resp: 178491
Ion Ratio Lower Upper
180 100
182 94.7 48.6 145.9
145 34.1 17.3 51.7



#94
Hexachlorobutadiene
Concen: 55.742 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031738.D
Acq: 01 Jul 2025 10:03

Tgt Ion:225 Resp: 89124
Ion Ratio Lower Upper
225 100
223 59.5 32.6 97.8
227 56.3 37.3 111.8





#95

Naphthalene

Concen: 54.967 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

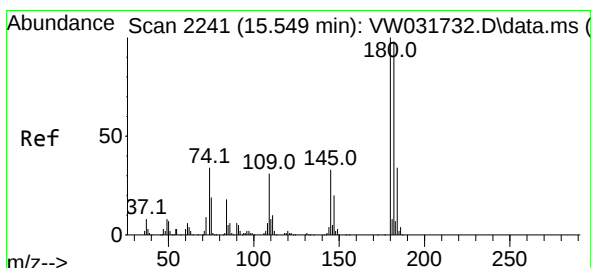
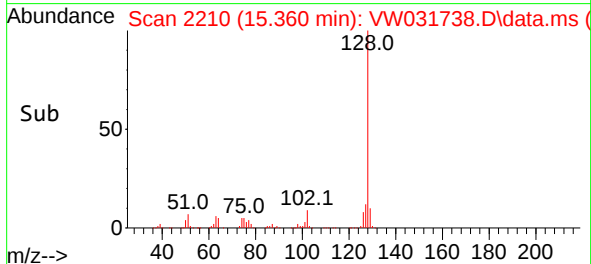
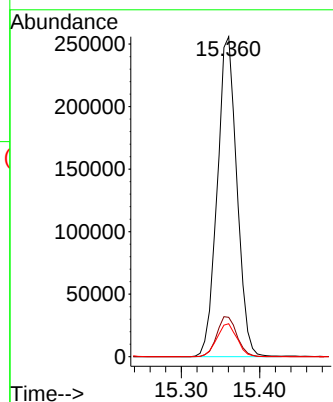
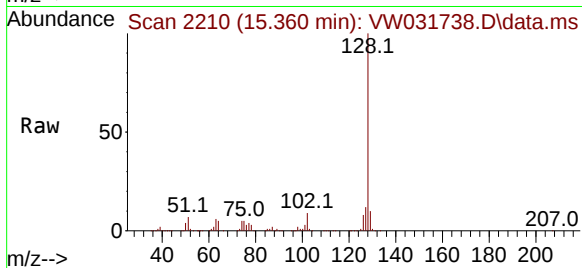
Tgt Ion:128 Resp: 446202

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.559 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031738.D

Acq: 01 Jul 2025 10:03

Tgt Ion:180 Resp: 159907

Ion Ratio Lower Upper

180 100

182 93.7 46.4 139.1

145 37.3 17.8 53.3

