

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031733.D
 Acq On : 30 Jun 2025 12:34
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 01 02:20:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	224702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	406265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	358957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	166129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	315303	97.777	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 195.560%#	
35) Dibromofluoromethane	7.898	113	265418	100.118	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 200.240%#	
50) Toluene-d8	10.325	98	998288	101.188	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 202.380%#	
62) 4-Bromofluorobenzene	12.617	95	365527	100.680	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 201.360%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	147738	96.542	ug/l	98
3) Chloromethane	2.253	50	182080	98.692	ug/l	99
4) Vinyl Chloride	2.405	62	244761	100.935	ug/l	97
5) Bromomethane	2.814	94	184987	97.666	ug/l	99
6) Chloroethane	2.966	64	161756	98.201	ug/l	99
7) Trichlorofluoromethane	3.296	101	209568	95.160	ug/l	99
8) Diethyl Ether	3.716	74	154043	92.052	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	232215	94.998	ug/l	99
10) Methyl Iodide	4.301	142	365954	97.112	ug/l	100
11) Tert butyl alcohol	5.210	59	97696	489.014	ug/l	96
12) 1,1-Dichloroethene	4.070	96	261103	97.519	ug/l	97
13) Acrolein	3.923	56	175125	487.715	ug/l	97
14) Allyl chloride	4.698	41	412947	100.521	ug/l	99
15) Acrylonitrile	5.393	53	405986	493.345	ug/l	99
16) Acetone	4.155	43	352601	439.652	ug/l	100
17) Carbon Disulfide	4.411	76	714624	99.742	ug/l	99
18) Methyl Acetate	4.698	43	209762	92.083	ug/l	99
19) Methyl tert-butyl Ether	5.454	73	441477	97.146	ug/l	99
20) Methylene Chloride	4.942	84	294557	99.868	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	283611	99.689	ug/l	96
22) Diisopropyl ether	6.338	45	792929	98.968	ug/l	98
23) Vinyl Acetate	6.277	43	2799136	511.492	ug/l	100
24) 1,1-Dichloroethane	6.240	63	508118	97.821	ug/l	99
25) 2-Butanone	7.185	43	519074	500.581	ug/l	98
26) 2,2-Dichloropropane	7.179	77	288897	95.325	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	330910	101.187	ug/l	98
28) Bromochloromethane	7.526	49	224498	97.940	ug/l	98
29) Tetrahydrofuran	7.545	42	349502	492.168	ug/l	100
30) Chloroform	7.691	83	534507	96.841	ug/l	99
31) Cyclohexane	7.965	56	422261	91.965	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	407612	95.829	ug/l	99
36) 1,1-Dichloropropene	8.093	75	375878	97.982	ug/l	99
37) Ethyl Acetate	7.270	43	228624	94.474	ug/l	100
38) Carbon Tetrachloride	8.081	117	380387	97.306	ug/l	96
39) Methylcyclohexane	9.337	83	481270	100.834	ug/l	99
40) Benzene	8.331	78	1096371	96.598	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	131200	101.206	ug/l	98
42) 1,2-Dichloroethane	8.404	62	364585	95.068	ug/l	99
43) Isopropyl Acetate	8.429	43	417317	100.040	ug/l	99
44) Trichloroethene	9.099	130	273865	96.676	ug/l	96
45) 1,2-Dichloropropane	9.374	63	263216	95.956	ug/l	99
46) Dibromomethane	9.465	93	167767	94.732	ug/l	98
47) Bromodichloromethane	9.648	83	407715	98.177	ug/l	99
48) Methyl methacrylate	9.441	41	207070	100.953	ug/l	98
49) 1,4-Dioxane	9.459	88	39485	2094.300	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	1174822	489.871	ug/l	99
52) Toluene	10.386	92	710254	97.739	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	404225	103.743	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	444410	100.610	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	223115	96.178	ug/l	97
56) Ethyl methacrylate	10.642	69	326655	103.792	ug/l	98
57) 1,3-Dichloropropane	10.928	76	387413	95.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.922	63	907630	523.732	ug/l	99
59) 2-Hexanone	10.965	43	817133	502.809	ug/l	99
60) Dibromochloromethane	11.129	129	273293	98.517	ug/l	97
61) 1,2-Dibromoethane	11.233	107	222768	95.925	ug/l	99
64) Tetrachloroethene	10.861	164	236432	100.695	ug/l	94
65) Chlorobenzene	11.654	112	773712	97.693	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.727	131	252455	100.030	ug/l	98
67) Ethyl Benzene	11.727	91	1388600	101.112	ug/l	100
68) m/p-Xylenes	11.837	106	1077324	204.066	ug/l	98
69) o-Xylene	12.160	106	506083	103.535	ug/l	97
70) Styrene	12.178	104	865542	102.427	ug/l	99
71) Bromoform	12.349	173	154434	102.574	ug/l #	97
73) Isopropylbenzene	12.459	105	1355736	107.286	ug/l	100
74) N-amyl acetate	12.270	43	363996	106.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	275439	98.180	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	366166	170.560	ug/l	39
77) Bromobenzene	12.739	156	294310	104.424	ug/l	86
78) n-propylbenzene	12.800	91	1572731	103.933	ug/l	99
79) 2-Chlorotoluene	12.885	91	930210	102.084	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1101203	105.277	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	99233	107.660	ug/l	98
82) 4-Chlorotoluene	12.983	91	963920	100.758	ug/l	100
83) tert-Butylbenzene	13.202	119	942890	105.234	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	1093757	103.202	ug/l	100
85) sec-Butylbenzene	13.379	105	1390528	103.396	ug/l	100
86) p-Isopropyltoluene	13.495	119	1168552	105.431	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	558538	98.818	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	576612	99.669	ug/l	97
89) n-Butylbenzene	13.818	91	1126053	104.566	ug/l	99
90) Hexachloroethane	14.092	117	211871	105.958	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	519347	100.530	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	55462	101.247	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	332108	104.240	ug/l	100
94) Hexachlorobutadiene	15.226	225	163909	106.542	ug/l	89
95) Naphthalene	15.360	128	867343	111.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	313738	107.170	ug/l	99

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QLast Update : Tue Jul 01 02:17:14 2025
Response via : Initial Calibration

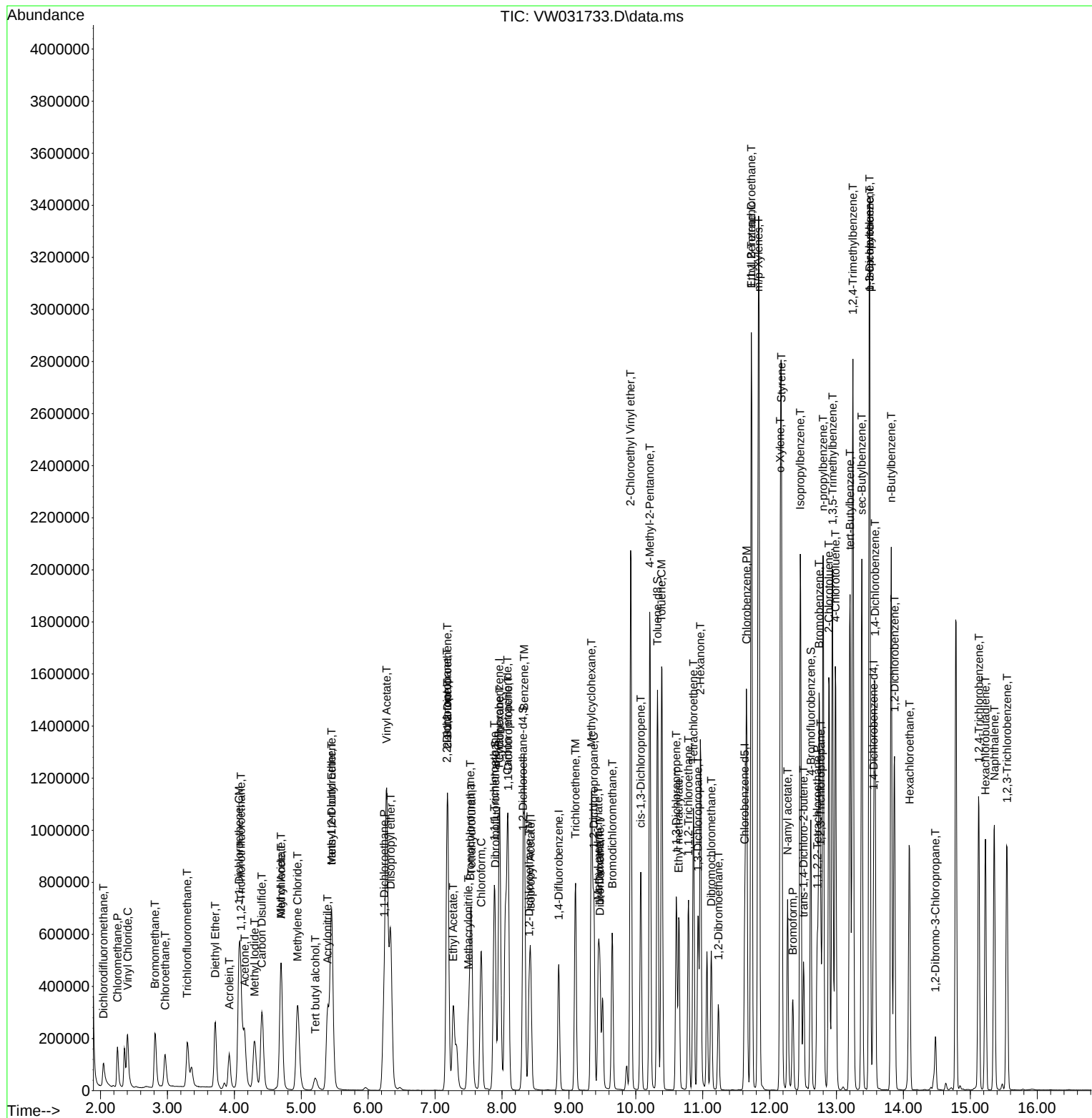
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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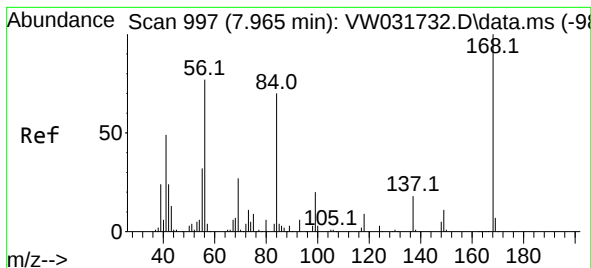
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW031733.D

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Instrument :

MSVOA_W

ClientSampleId :

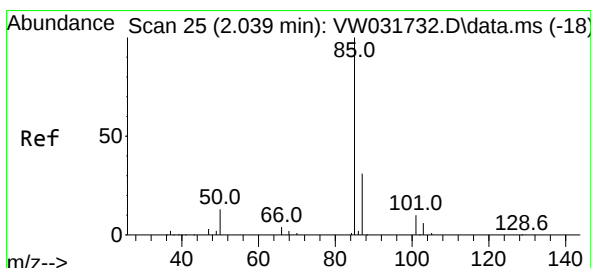
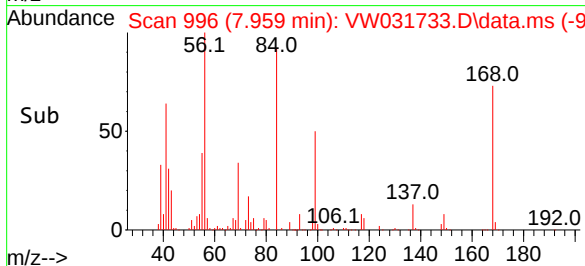
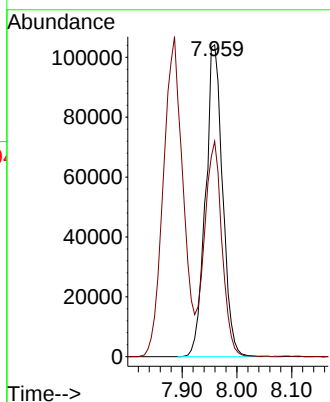
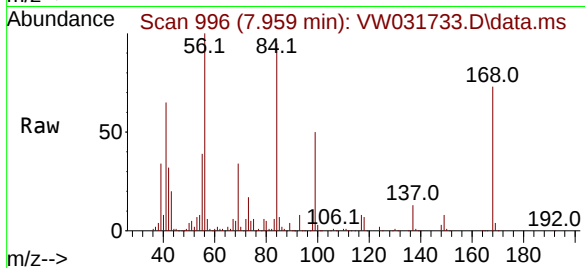
VSTDIC100

Tgt Ion:168 Resp: 224702

Ion Ratio Lower Upper

168 100

99 69.0 49.4 74.2



#2

Dichlorodifluoromethane

Concen: 96.542 ug/l

RT: 2.046 min Scan# 26

Delta R.T. 0.006 min

Lab File: VW031733.D

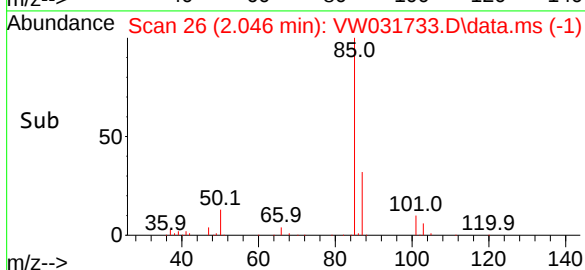
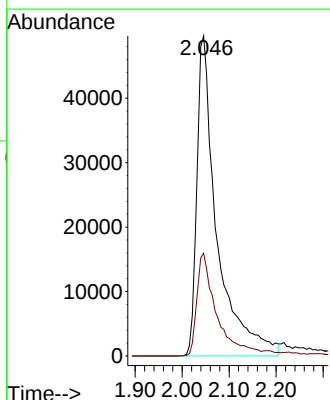
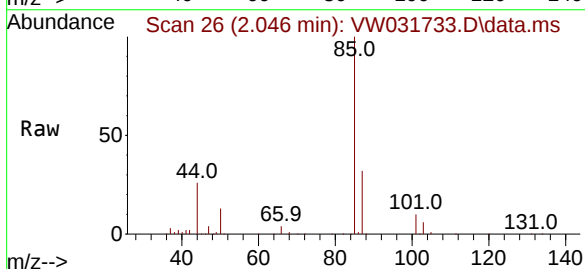
Acq: 30 Jun 2025 12:34

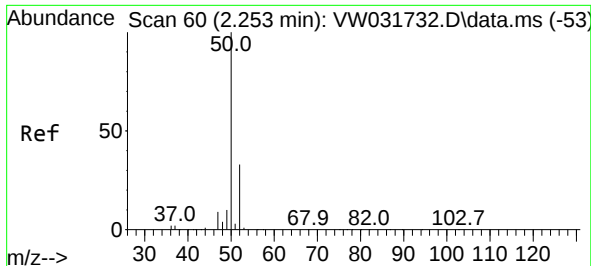
Tgt Ion: 85 Resp: 147738

Ion Ratio Lower Upper

85 100

87 32.1 15.4 46.2

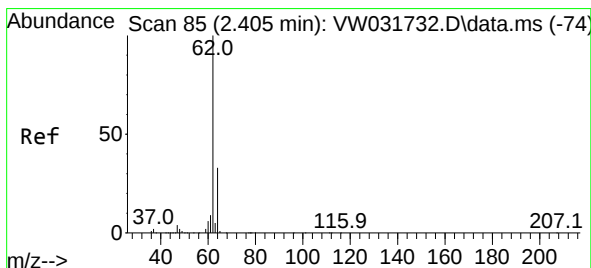
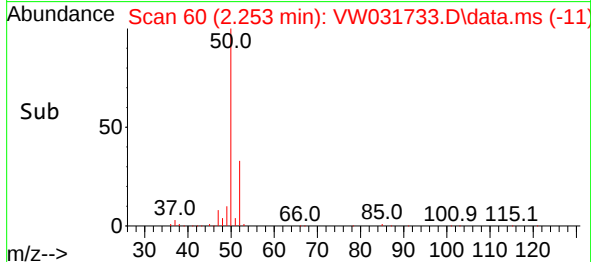
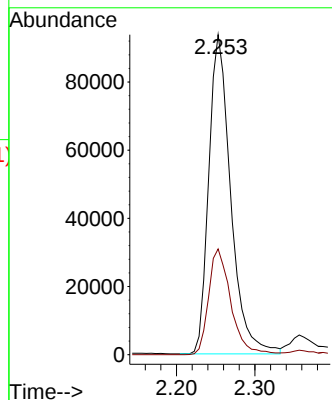
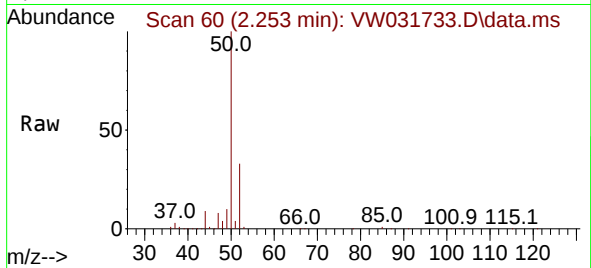




#3
Chloromethane
Concen: 98.692 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

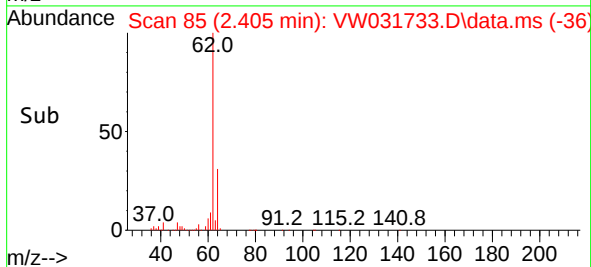
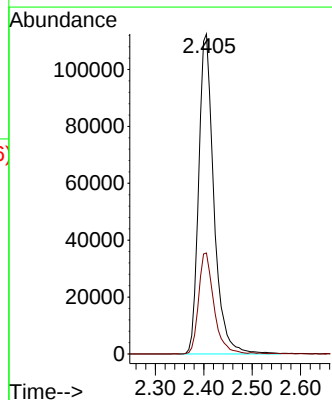
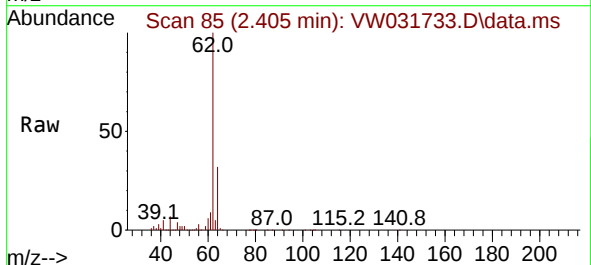
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

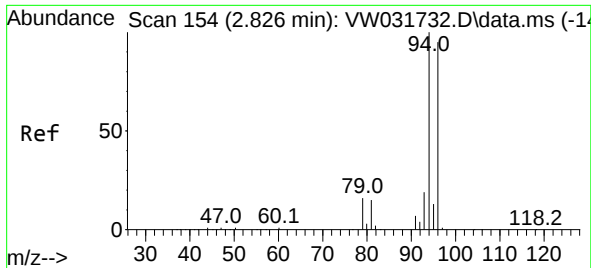
Tgt Ion: 50 Resp: 182080
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 100.935 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 62 Resp: 244761
Ion Ratio Lower Upper
62 100
64 31.5 26.8 40.2

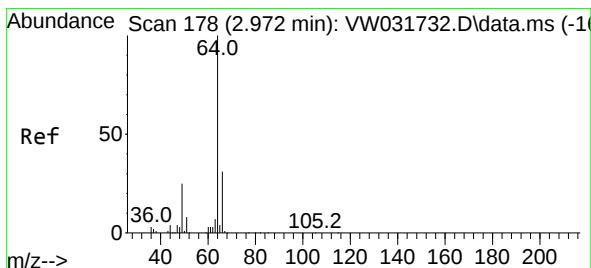
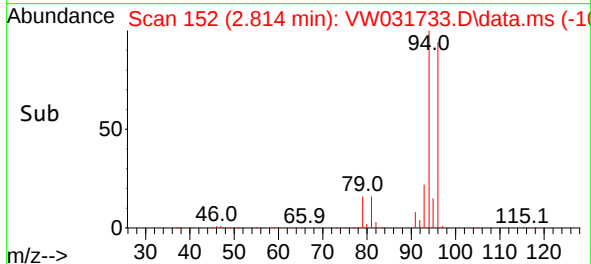
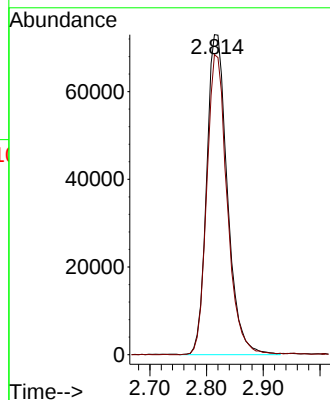
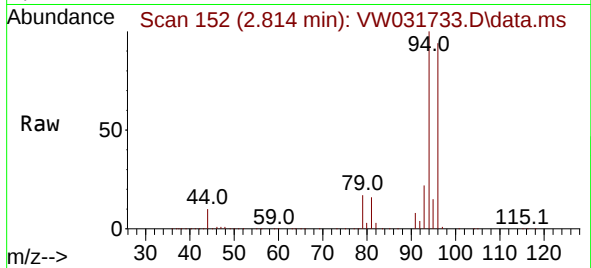




#5
Bromomethane
Concen: 97.666 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031733.D
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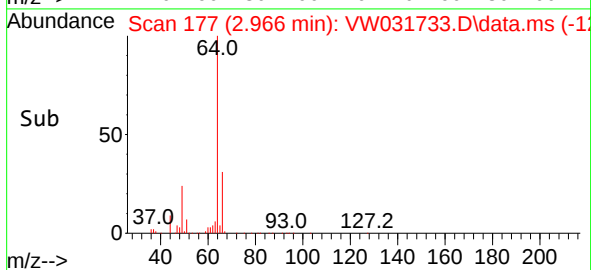
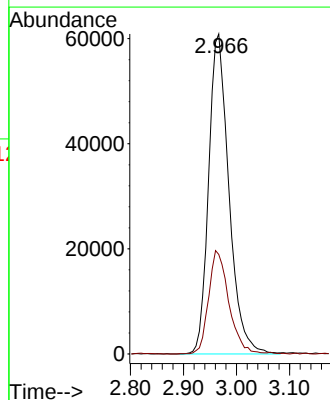
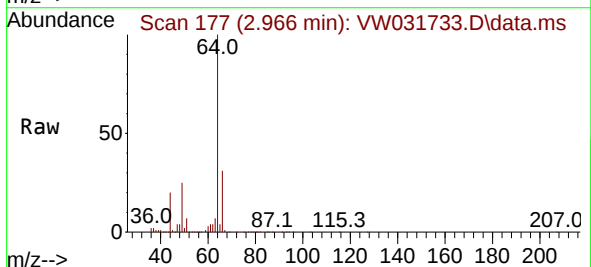
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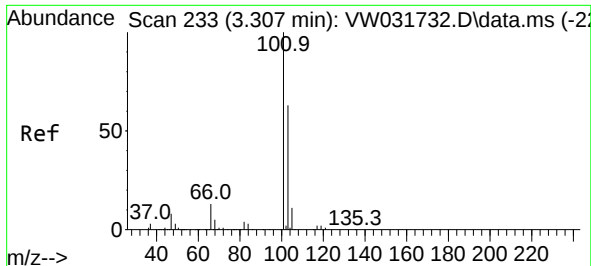
Tgt Ion: 94 Resp: 184987
Ion Ratio Lower Upper
94 100
96 93.7 75.6 113.4



#6
Chloroethane
Concen: 98.201 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 64 Resp: 161756
Ion Ratio Lower Upper
64 100
66 31.0 24.5 36.7

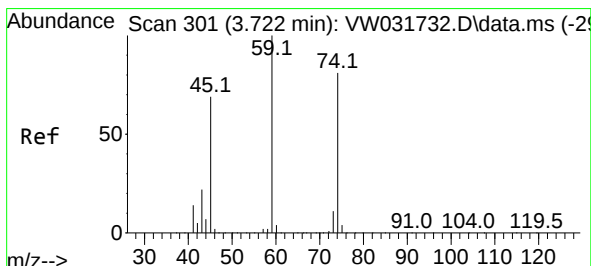
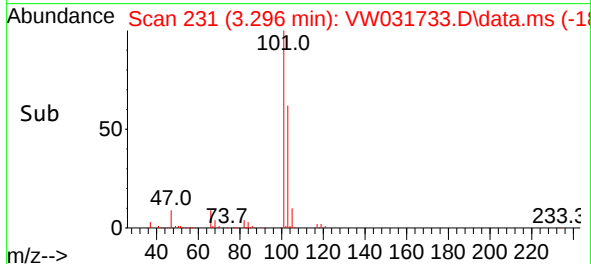
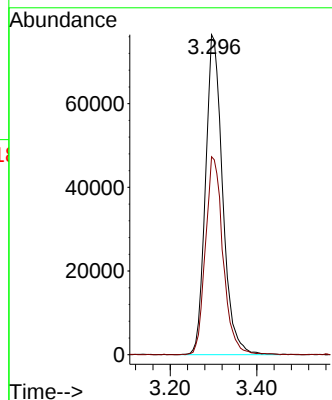
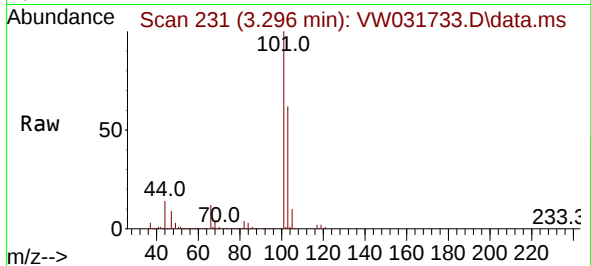




#7
 Trichlorofluoromethane
 Concen: 95.160 ug/l
 RT: 3.296 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW031733.D
 Acq: 30 Jun 2025 12:34

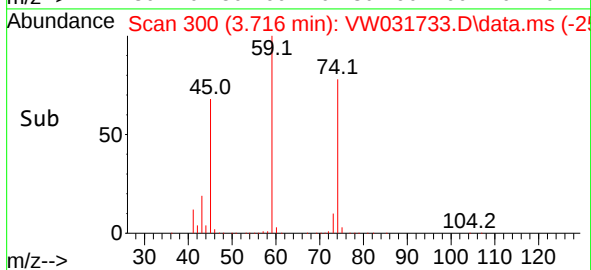
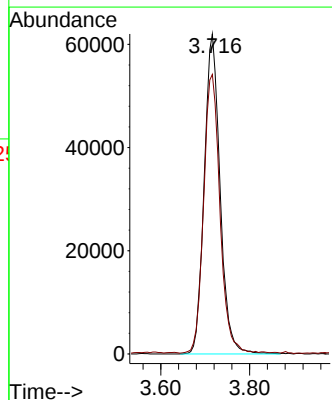
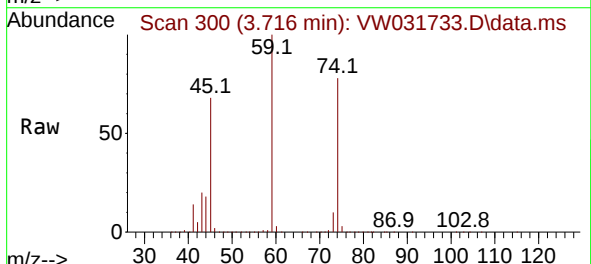
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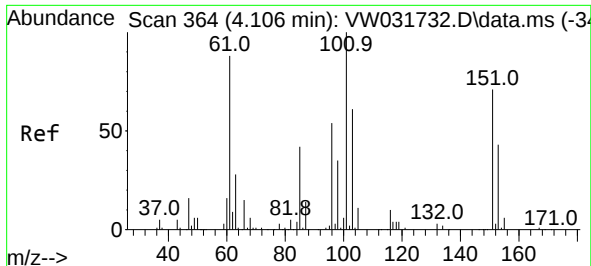
Tgt Ion:101 Resp: 209568
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.2 75.4



#8
 Diethyl Ether
 Concen: 92.052 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 154043
 Ion Ratio Lower Upper
 74 100
 45 89.9 43.9 131.7

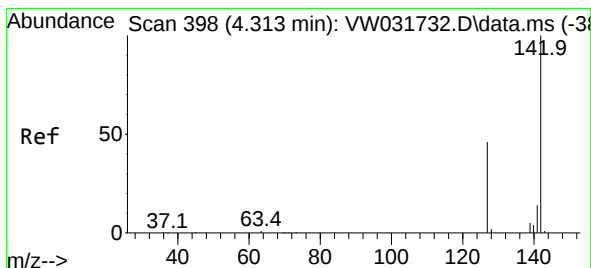
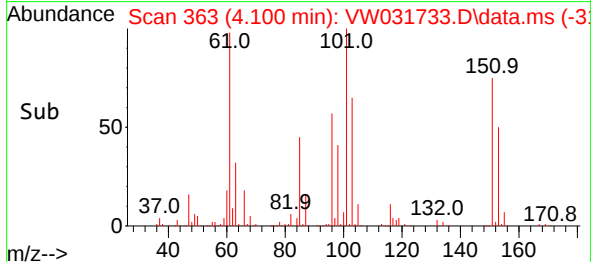
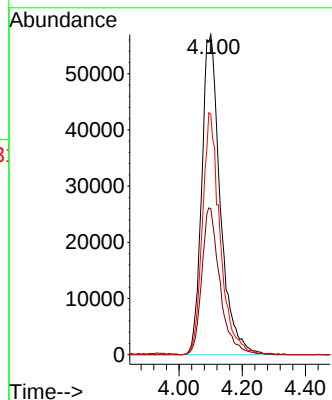
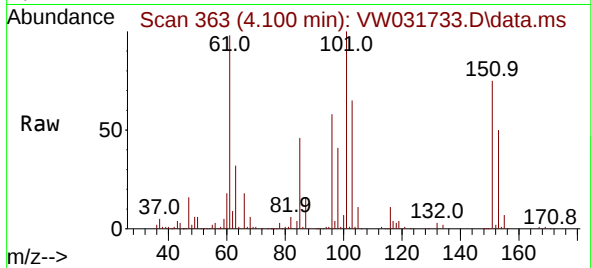




#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.998 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

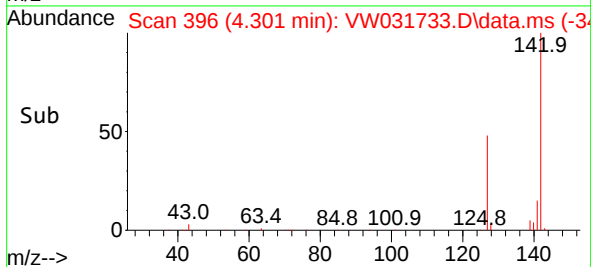
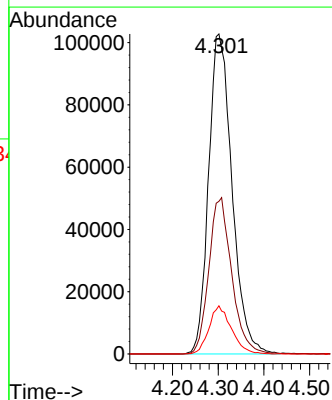
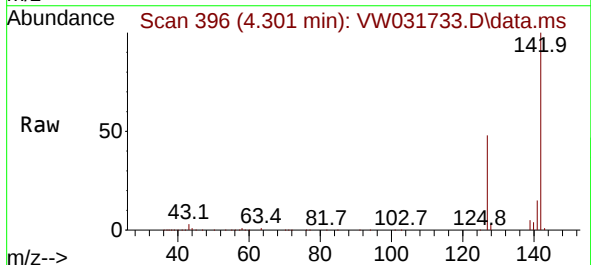
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

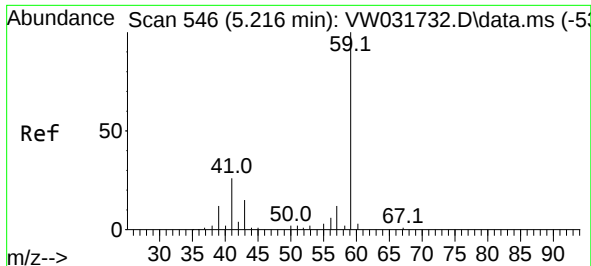
Tgt Ion:101 Resp: 232215
Ion Ratio Lower Upper
101 100
85 44.9 35.6 53.4
151 72.1 56.8 85.2



#10
Methyl Iodide
Concen: 97.112 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion:142 Resp: 365954
Ion Ratio Lower Upper
142 100
127 47.7 37.9 56.9
141 14.4 11.7 17.5

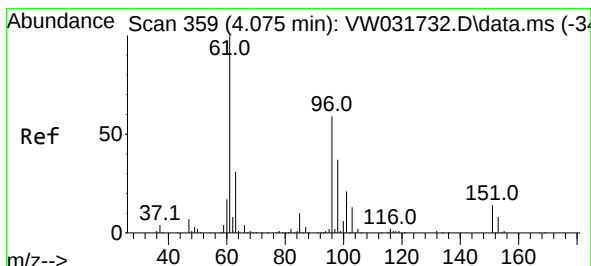
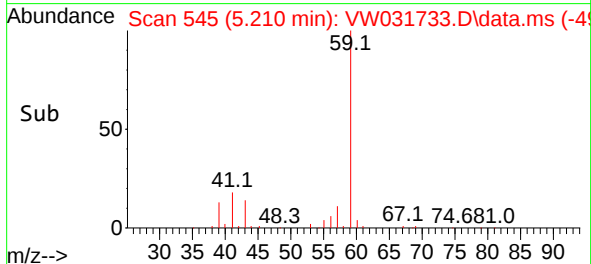
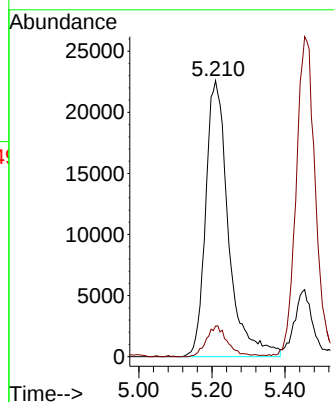
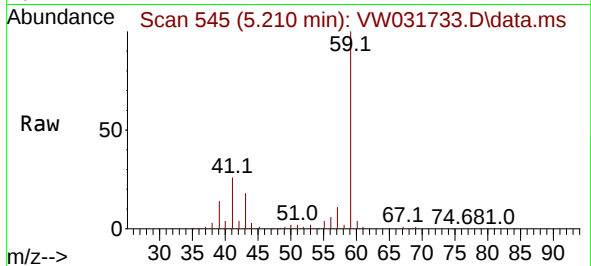




#11
Tert butyl alcohol
Concen: 489.014 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

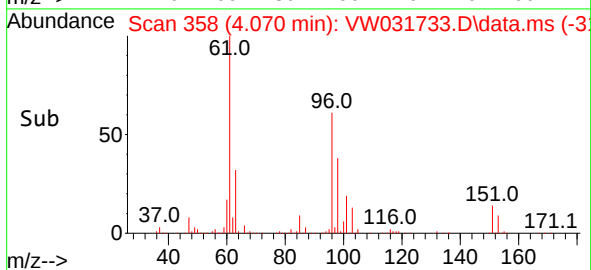
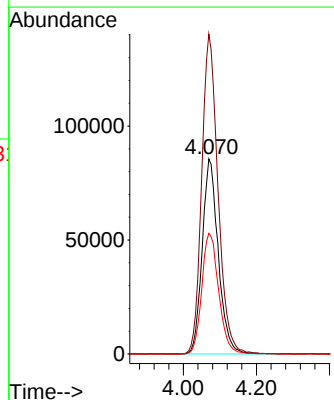
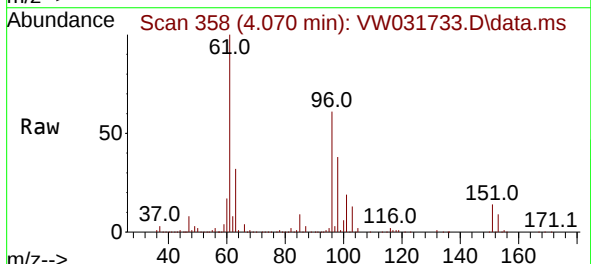
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

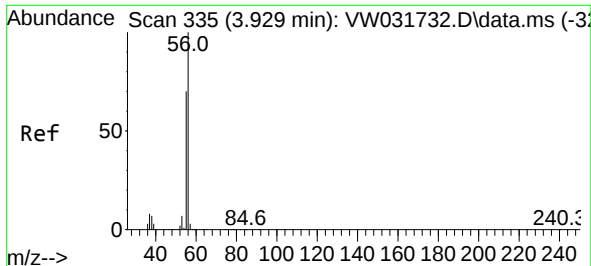
Tgt Ion: 59 Resp: 97696
Ion Ratio Lower Upper
59 100
57 10.3 9.5 14.3



#12
1,1-Dichloroethene
Concen: 97.519 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 96 Resp: 261103
Ion Ratio Lower Upper
96 100
61 164.1 135.8 203.8
98 61.9 50.4 75.6

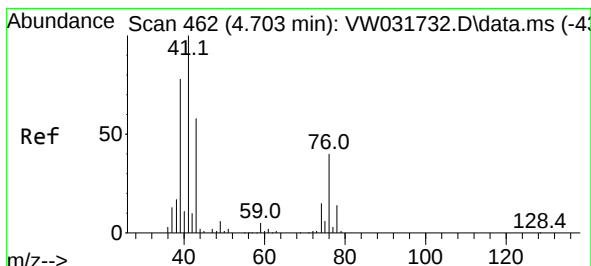
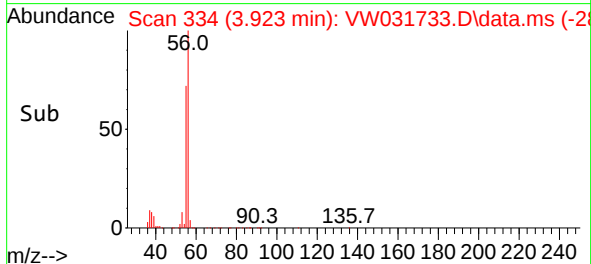
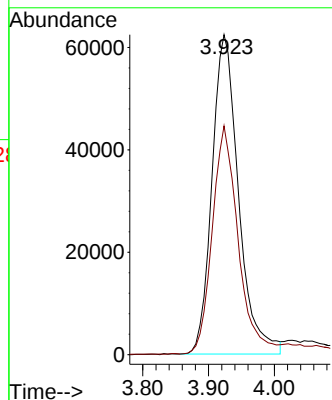
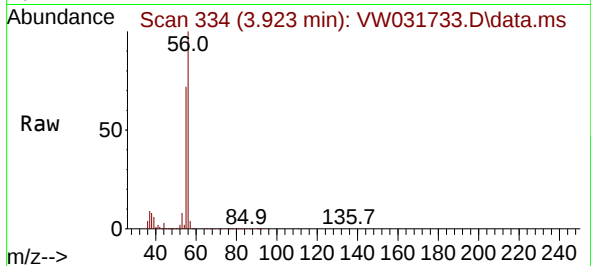




#13
Acrolein
Concen: 487.715 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

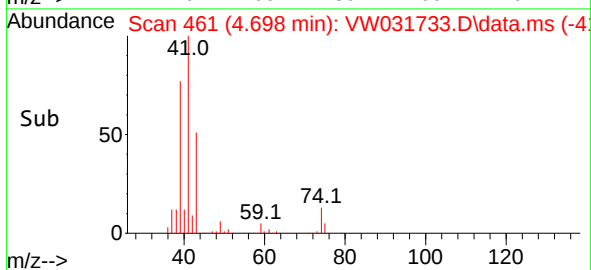
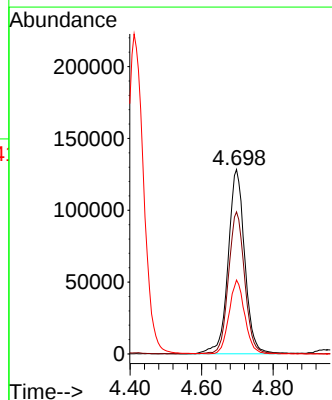
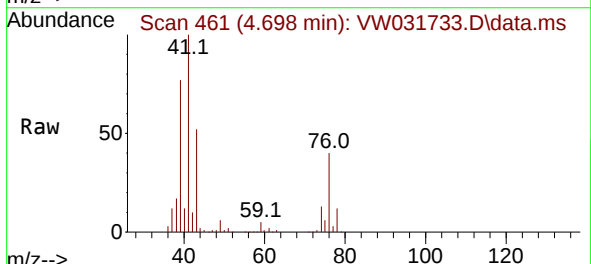
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

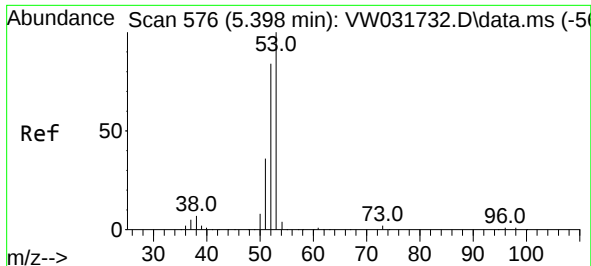
Tgt Ion: 56 Resp: 175125
Ion Ratio Lower Upper
56 100
55 69.6 54.0 81.0



#14
Allyl chloride
Concen: 100.521 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 41 Resp: 412947
Ion Ratio Lower Upper
41 100
39 75.0 60.7 91.1
76 37.5 30.3 45.5

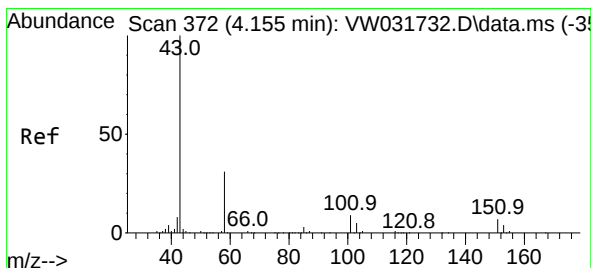
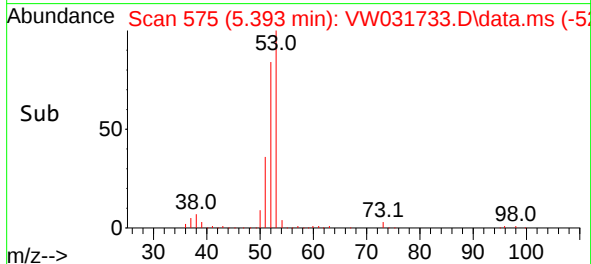
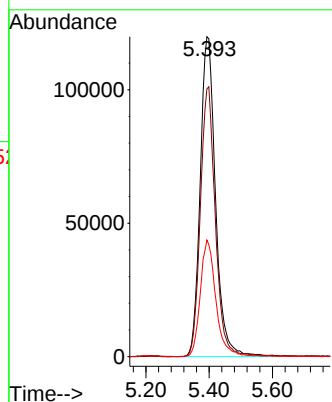
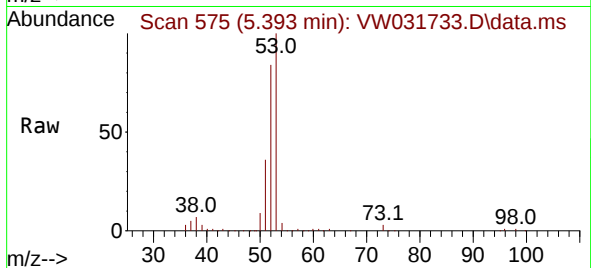




#15
Acrylonitrile
Concen: 493.345 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

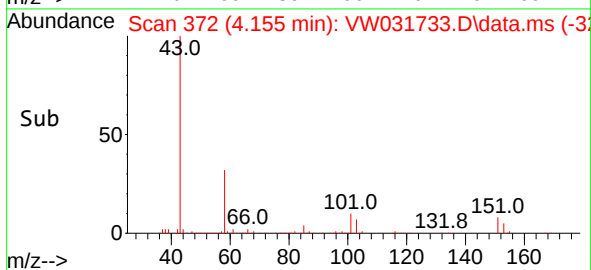
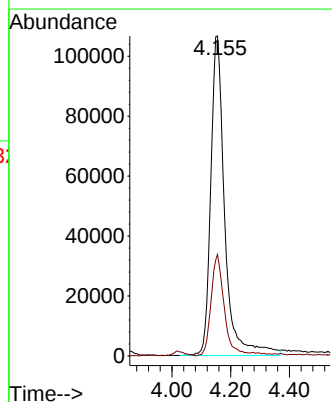
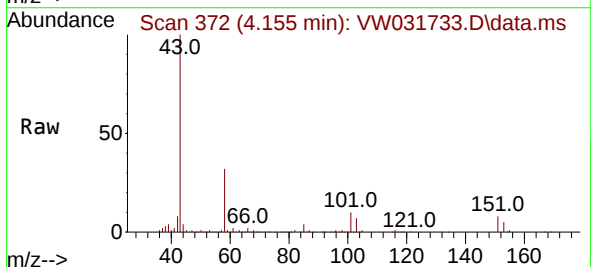
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

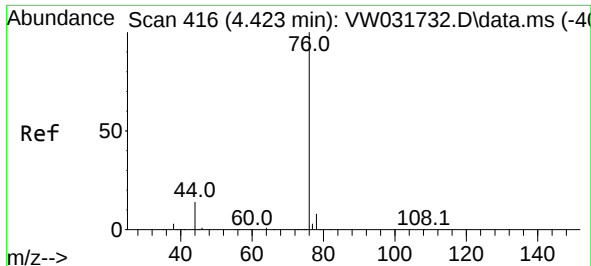
Tgt Ion: 53 Resp: 405986
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 37.0 29.9 44.9



#16
Acetone
Concen: 439.652 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 43 Resp: 352601
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2

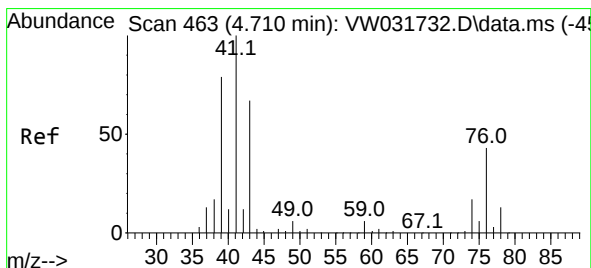
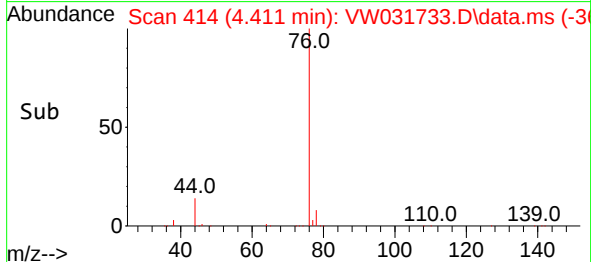
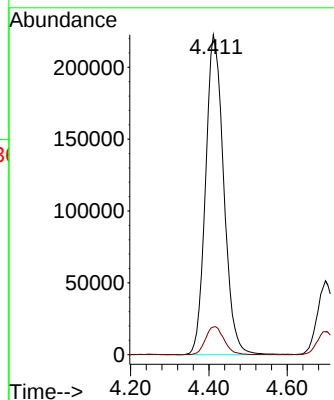
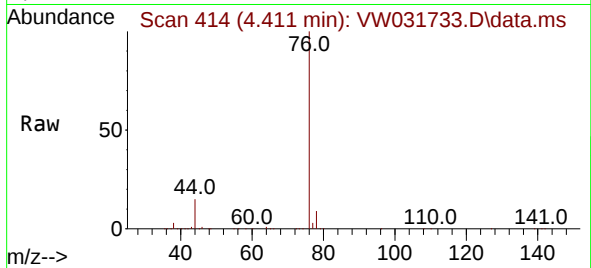




#17
Carbon Disulfide
Concen: 99.742 ug/l
RT: 4.411 min Scan# 411
Delta R.T. -0.012 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

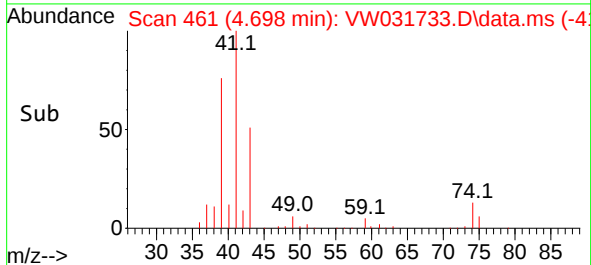
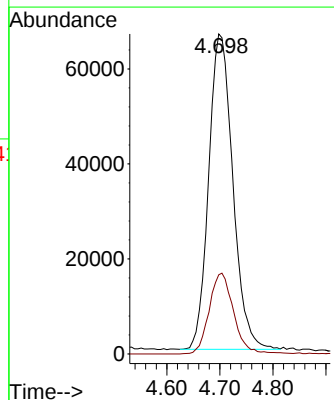
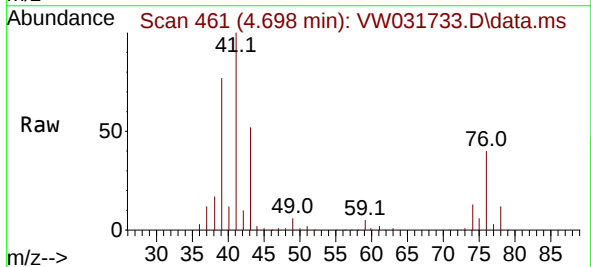
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

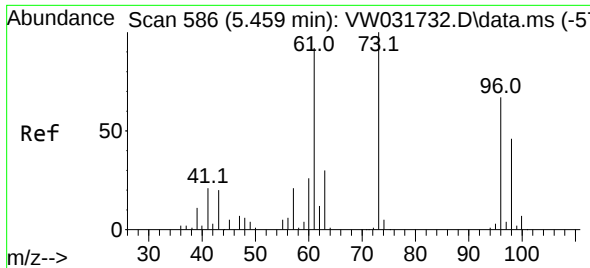
Tgt Ion: 76 Resp: 714624
Ion Ratio Lower Upper
76 100
78 8.6 6.6 10.0



#18
Methyl Acetate
Concen: 92.083 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 43 Resp: 209762
Ion Ratio Lower Upper
43 100
74 26.0 20.6 30.8

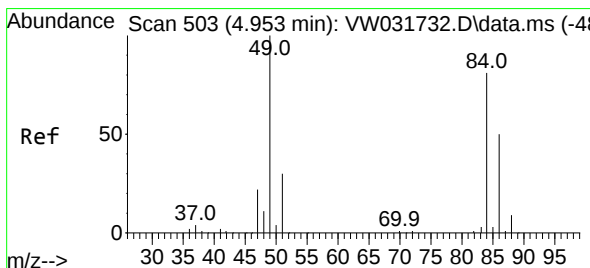
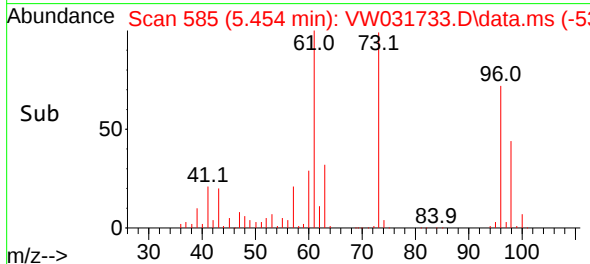
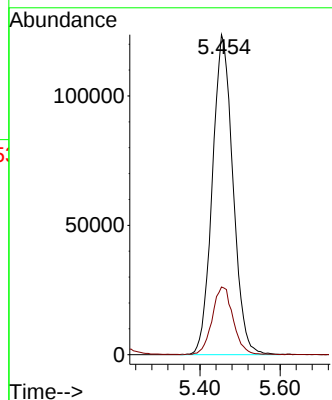
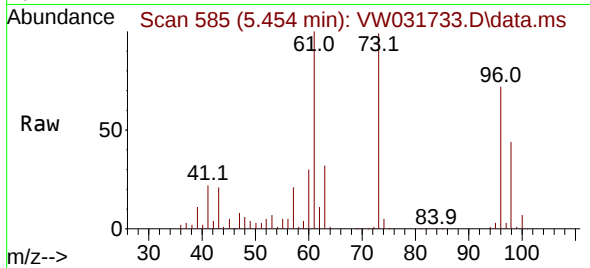




#19
Methyl tert-butyl Ether
Concen: 97.146 ug/l
RT: 5.454 min Scan# 501
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

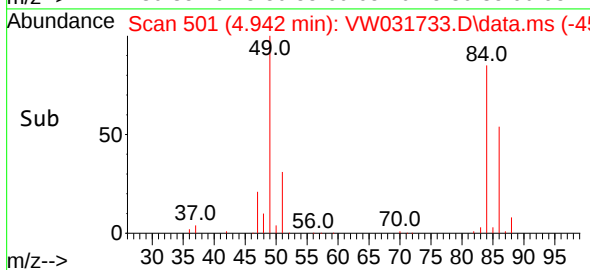
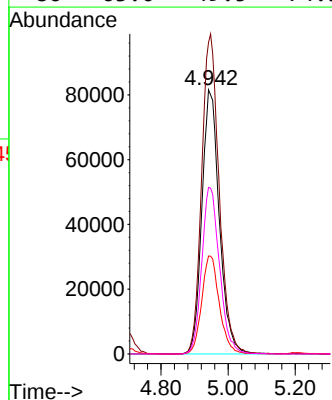
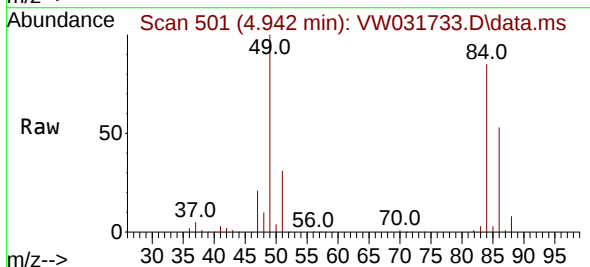
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

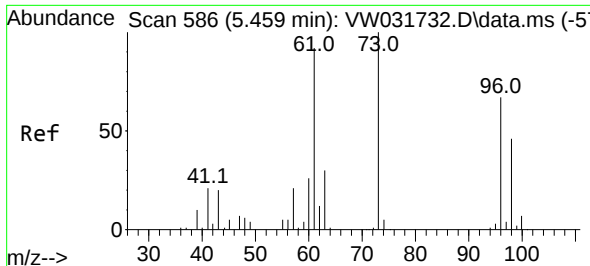
Tgt Ion: 73 Resp: 441477
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 99.868 ug/l
RT: 4.942 min Scan# 501
Delta R.T. -0.012 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 84 Resp: 294557
Ion Ratio Lower Upper
84 100
49 117.8 98.2 147.4
51 37.1 29.8 44.8
86 63.0 49.5 74.3

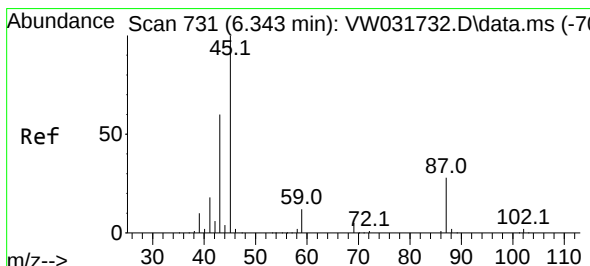
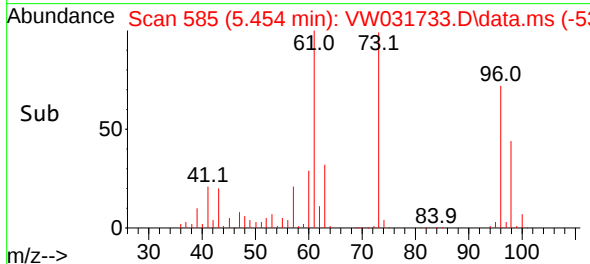
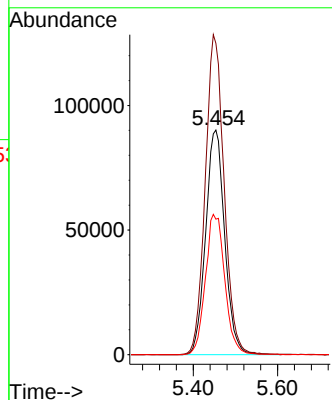
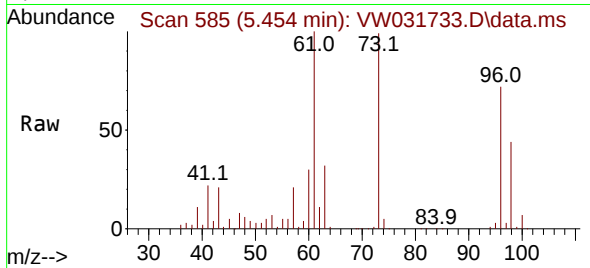




#21
trans-1,2-Dichloroethene
Concen: 99.689 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

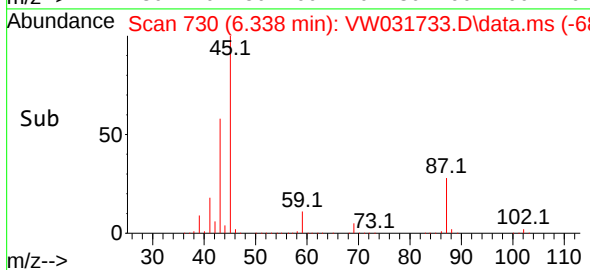
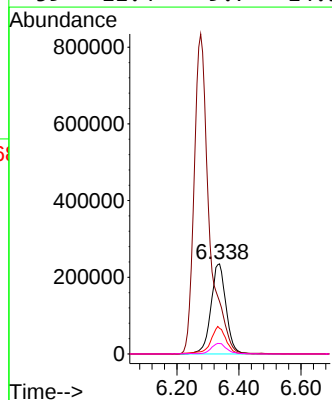
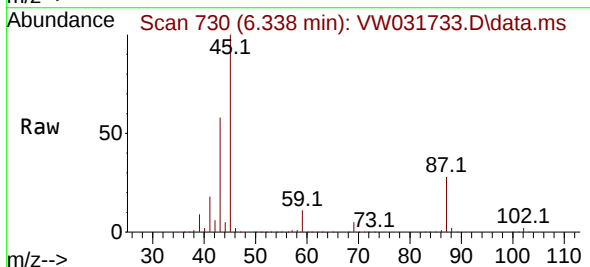
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

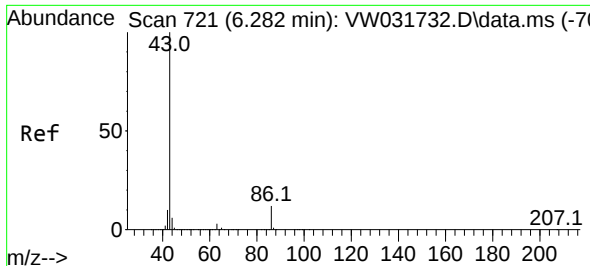
Tgt Ion: 96 Resp: 283611
Ion Ratio Lower Upper
96 100
61 138.5 109.8 164.6
98 60.4 54.9 82.3



#22
Diisopropyl ether
Concen: 98.968 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 45 Resp: 792929
Ion Ratio Lower Upper
45 100
43 58.0 48.3 72.5
87 28.5 22.6 34.0
59 11.4 9.7 14.5

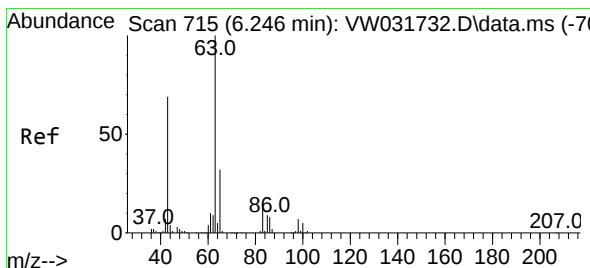
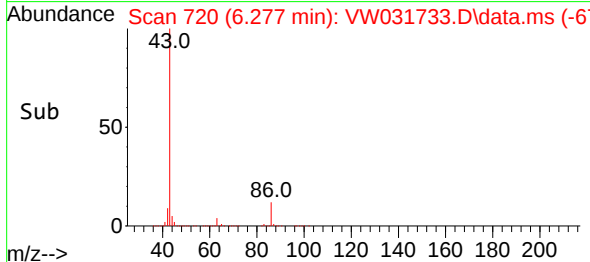
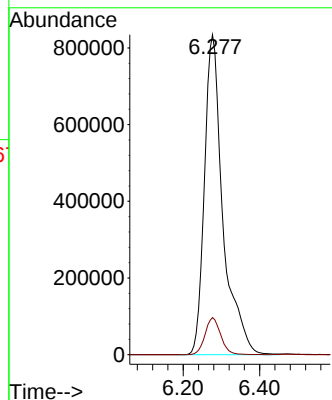
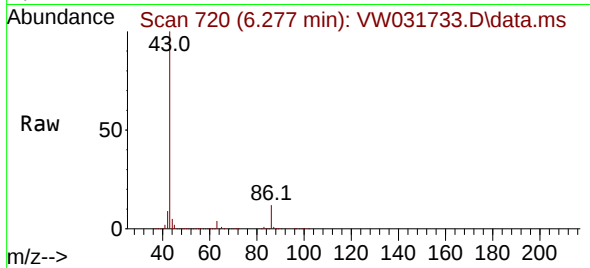




#23
 Vinyl Acetate
 Concen: 511.492 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031733.D
 Acq: 30 Jun 2025 12:34

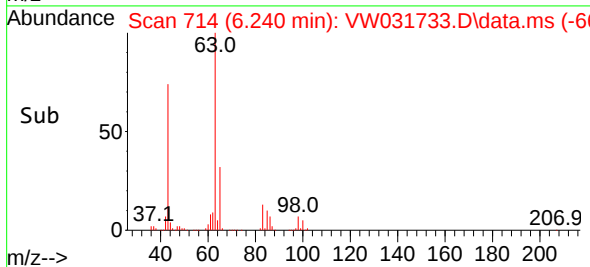
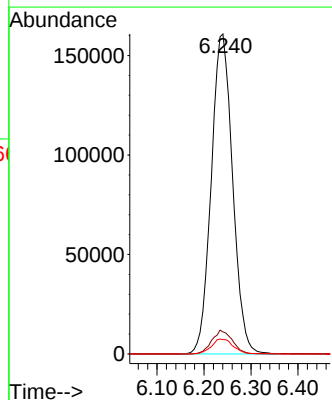
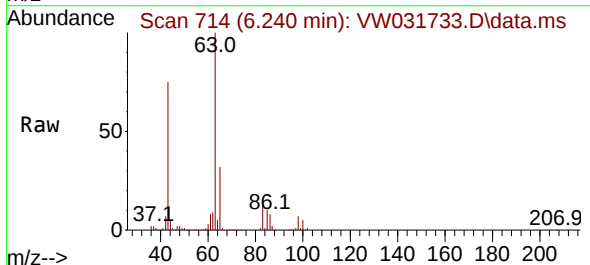
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

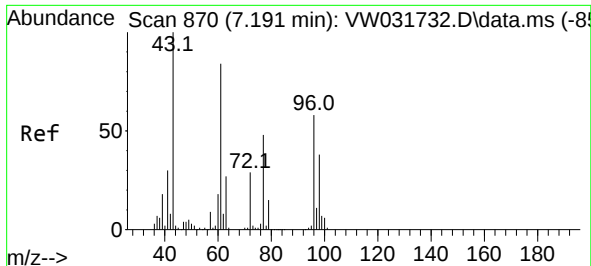
Tgt Ion: 43 Resp: 2799136
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 97.821 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031733.D
 Acq: 30 Jun 2025 12:34

Tgt Ion: 63 Resp: 508118
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.5 2.5 7.5

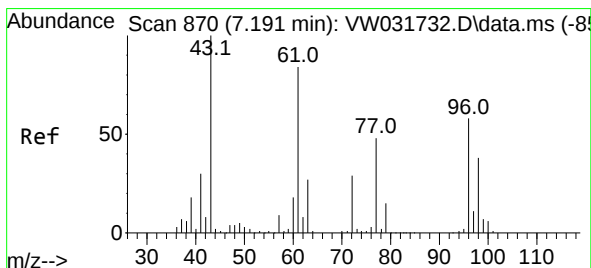
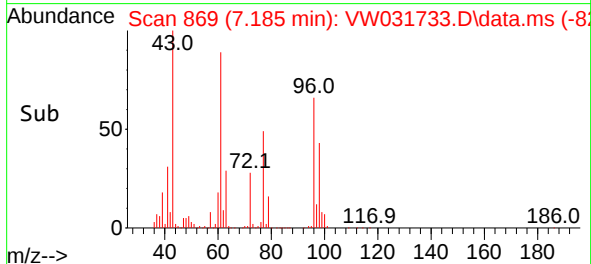
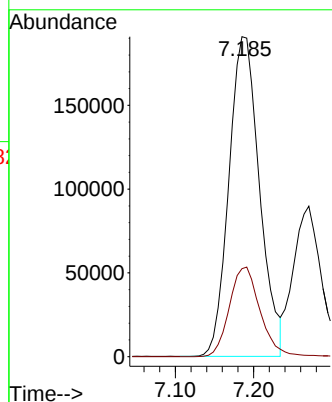
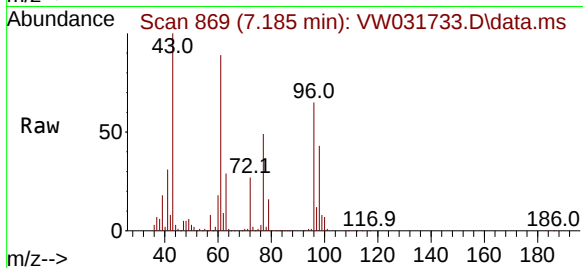




#25
2-Butanone
Concen: 500.581 ug/l
RT: 7.185 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

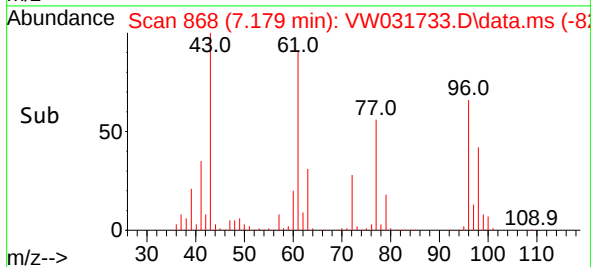
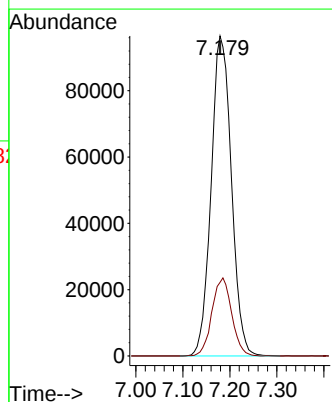
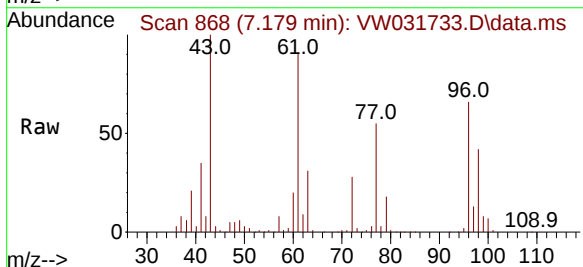
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

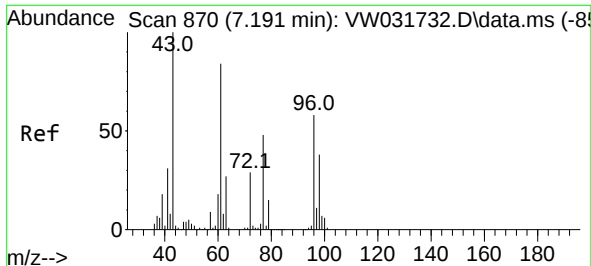
Tgt Ion: 43 Resp: 519074
Ion Ratio Lower Upper
43 100
72 27.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 95.325 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 77 Resp: 288897
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 101.187 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

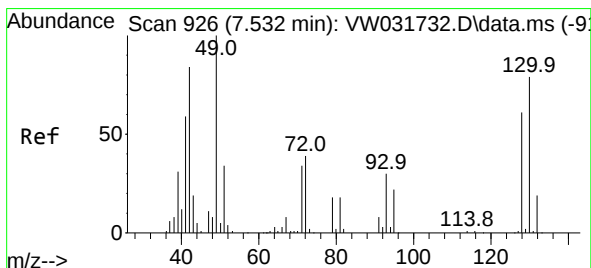
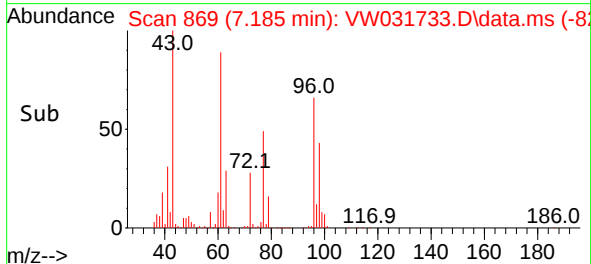
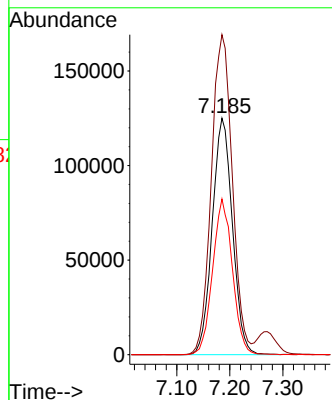
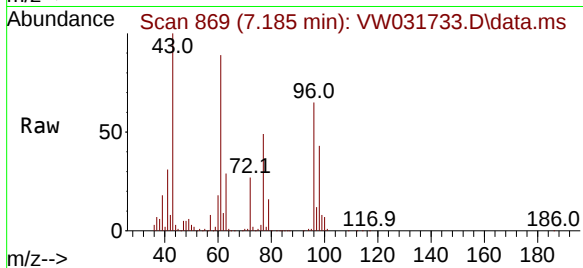
Tgt Ion: 96 Resp: 330910

Ion Ratio Lower Upper

96 100

61 140.7 0.0 286.8

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 97.940 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

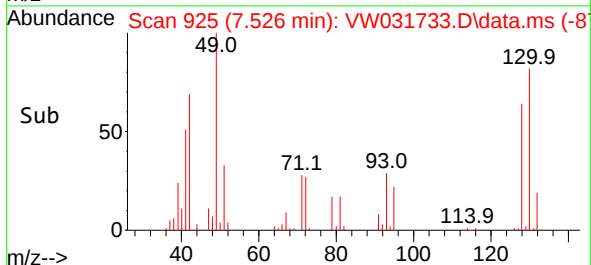
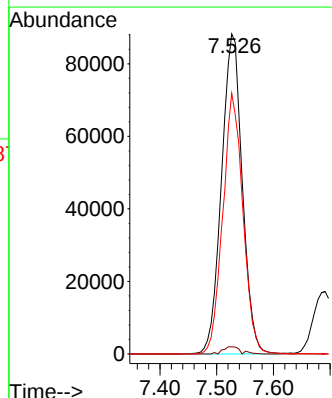
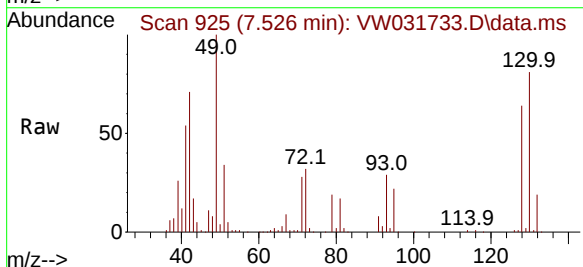
Tgt Ion: 49 Resp: 224498

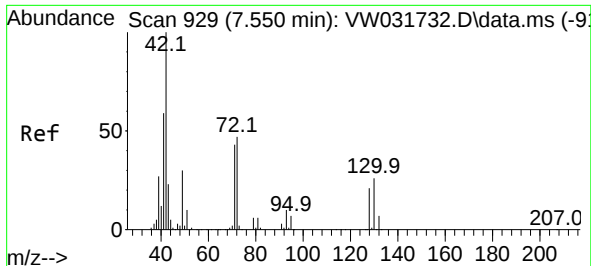
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.4

130 78.7 61.3 91.9





#29

Tetrahydrofuran

Concen: 492.168 ug/l

RT: 7.545 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

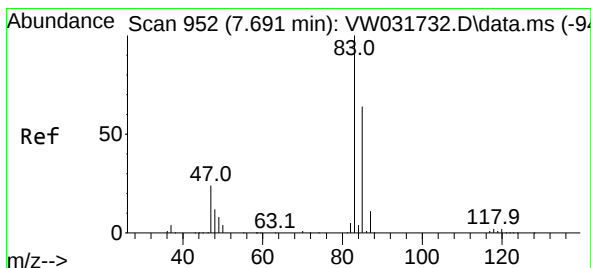
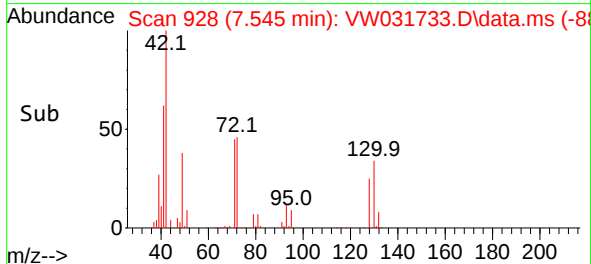
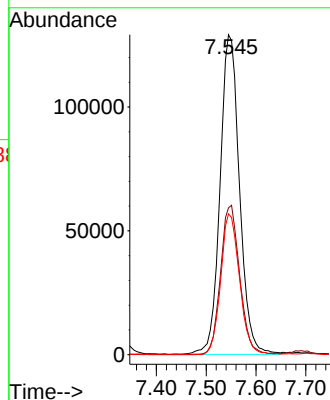
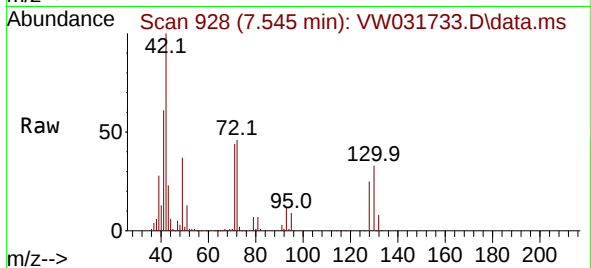
Tgt Ion: 42 Resp: 349502

Ion Ratio Lower Upper

42 100

72 45.9 36.8 55.2

71 42.8 34.6 52.0



#30

Chloroform

Concen: 96.841 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031733.D

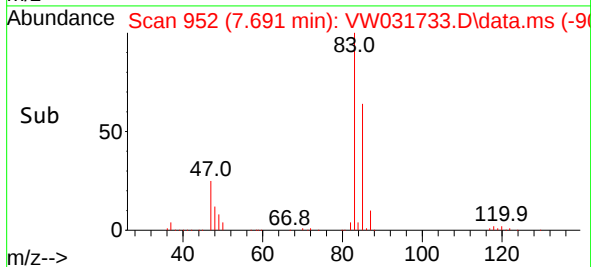
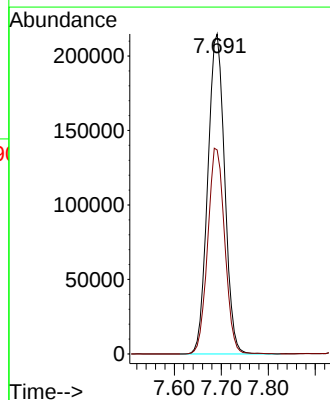
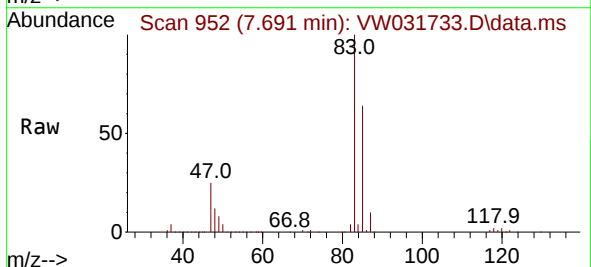
Acq: 30 Jun 2025 12:34

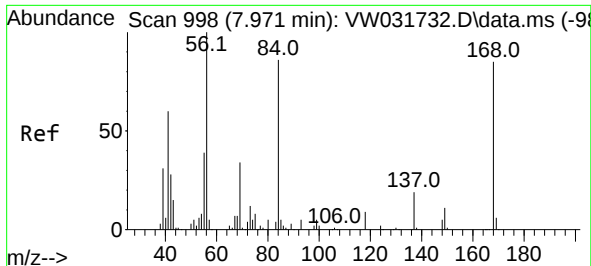
Tgt Ion: 83 Resp: 534507

Ion Ratio Lower Upper

83 100

85 63.8 51.4 77.0

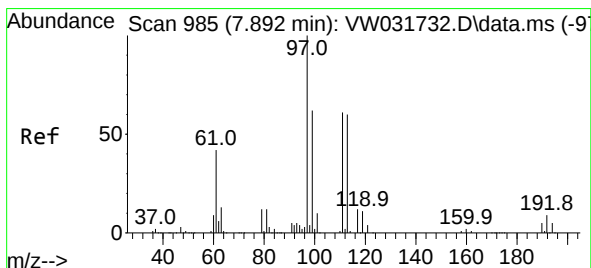
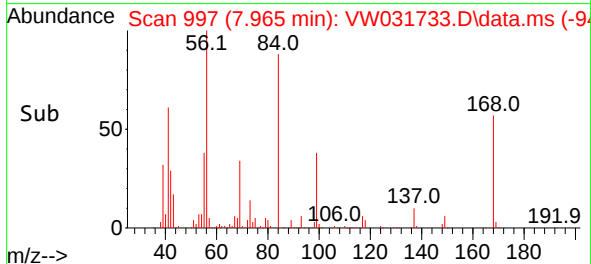
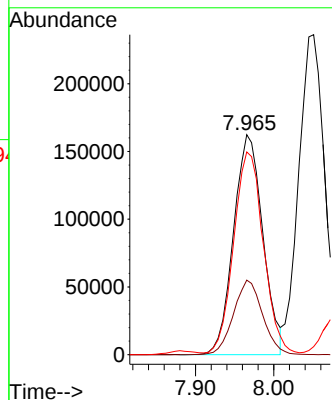
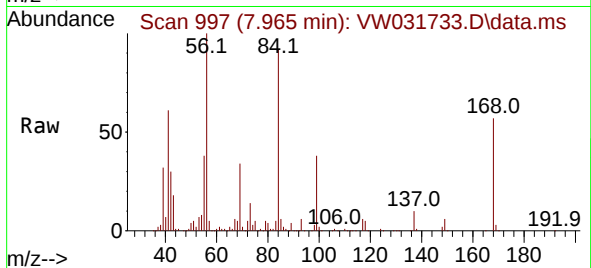




#31
Cyclohexane
Concen: 91.965 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

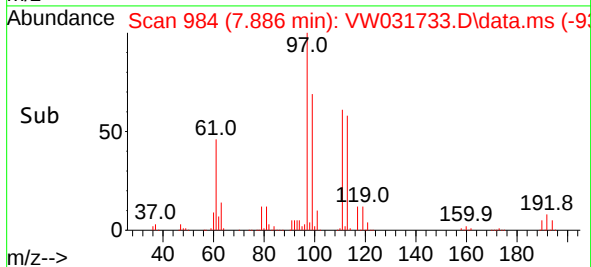
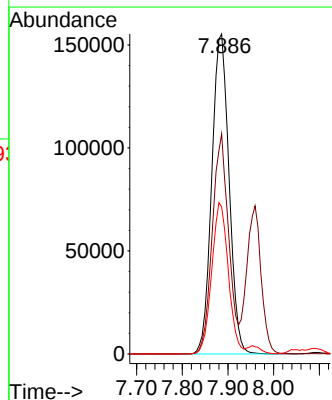
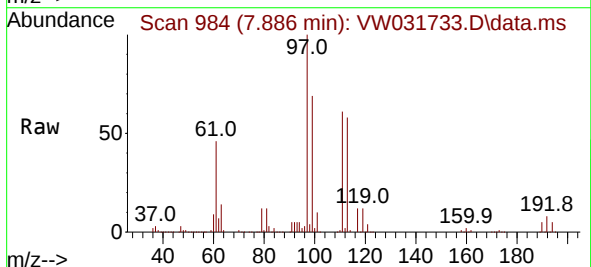
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

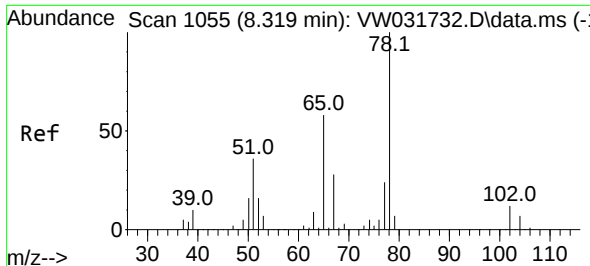
Tgt Ion: 56 Resp: 422261
Ion Ratio Lower Upper
56 100
69 33.9 27.2 40.8
84 90.3 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 95.829 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 97 Resp: 407612
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 45.6 36.0 54.0

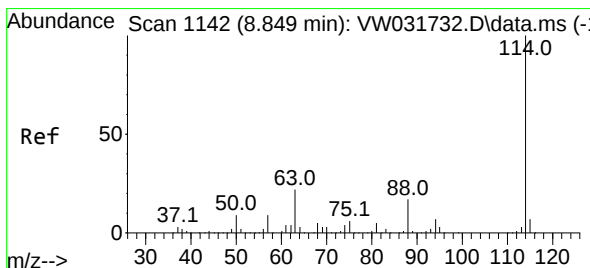
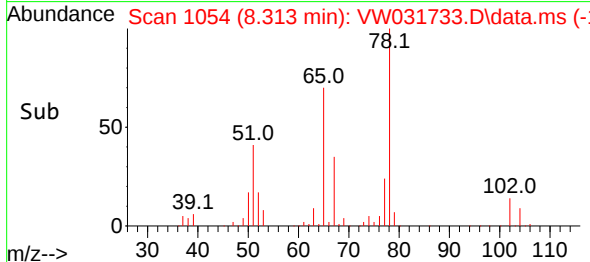
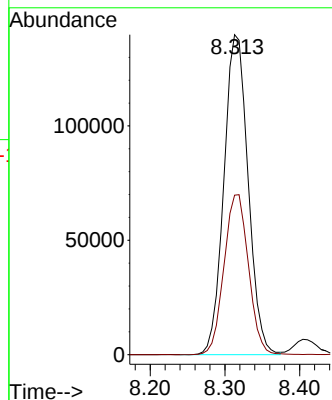
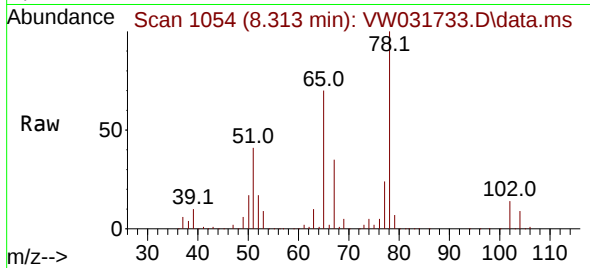




#33
 1,2-Dichloroethane-d4
 Concen: 97.777 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW031733.D
 Acq: 30 Jun 2025 12:34

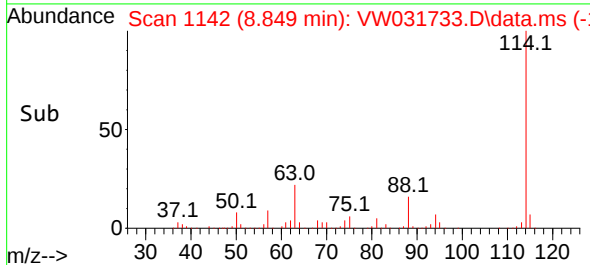
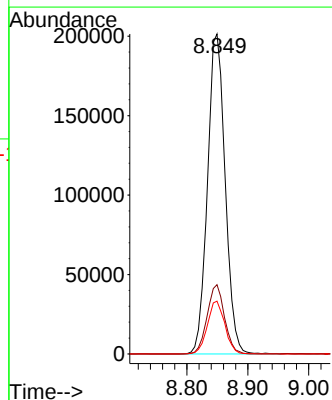
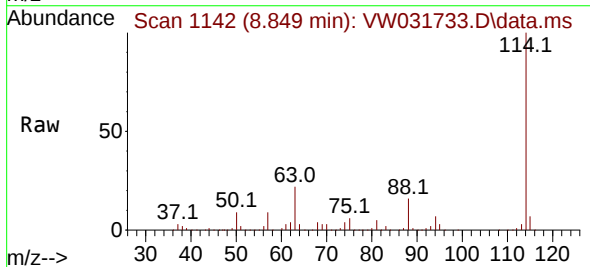
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

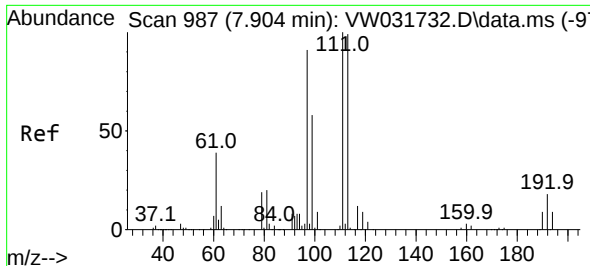
Tgt Ion: 65 Resp: 315303
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031733.D
 Acq: 30 Jun 2025 12:34

Tgt Ion: 114 Resp: 406265
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.6
 88 16.5 0.0 34.2

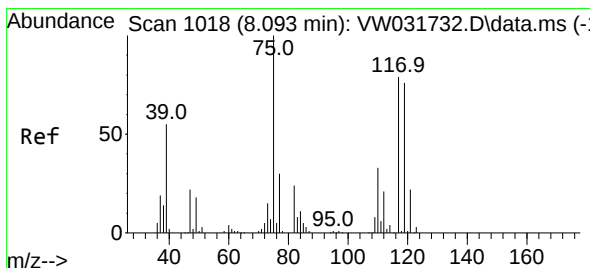
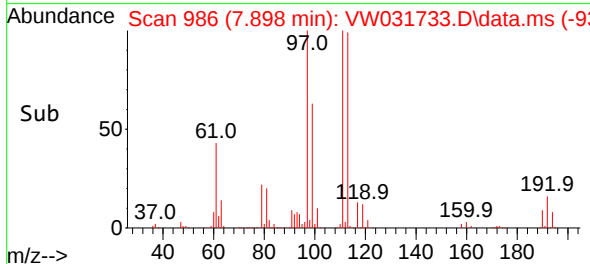
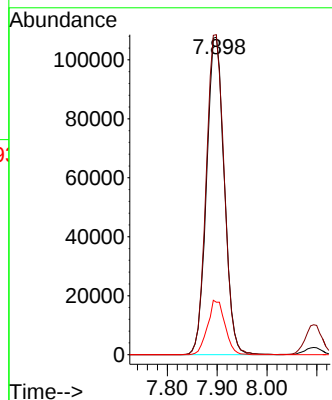
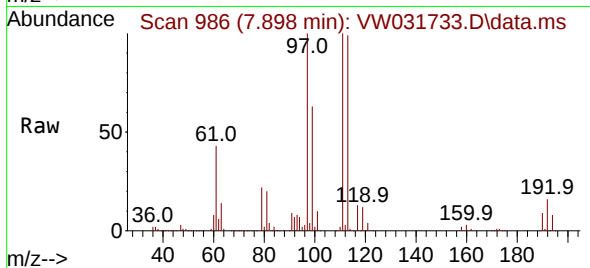




#35
Dibromofluoromethane
Concen: 100.118 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

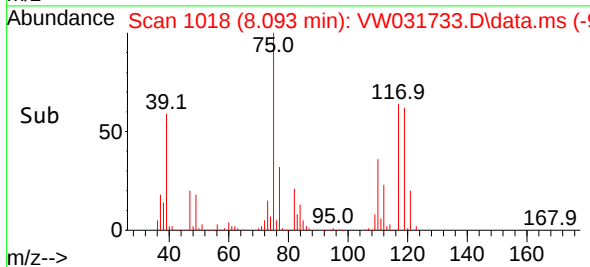
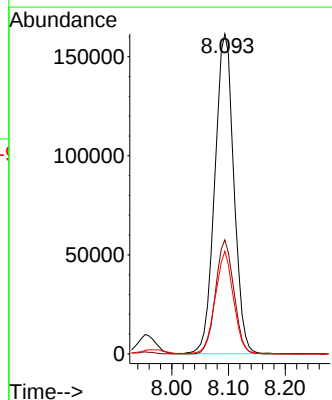
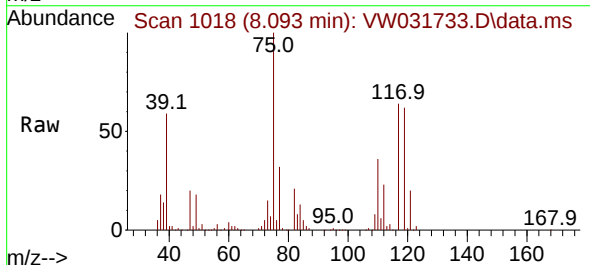
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

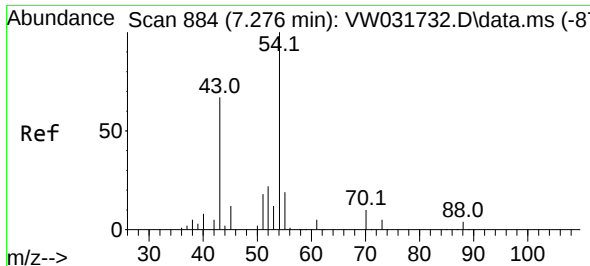
Tgt Ion:113 Resp: 265418
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 16.8 13.8 20.6



#36
1,1-Dichloropropene
Concen: 97.982 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 75 Resp: 375878
Ion Ratio Lower Upper
75 100
110 34.3 16.8 50.4
77 30.7 25.0 37.6

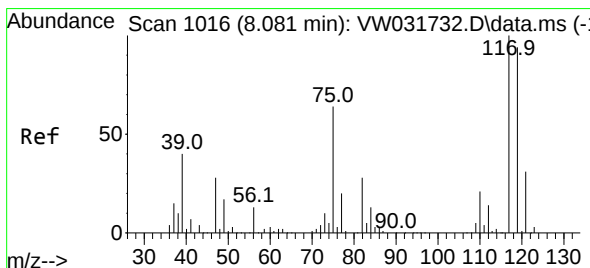
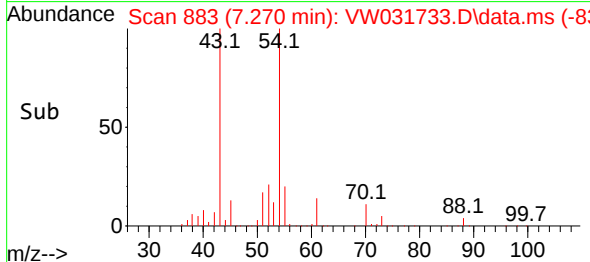
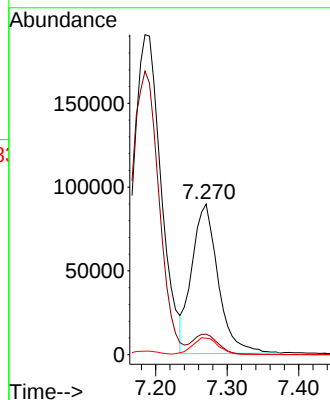
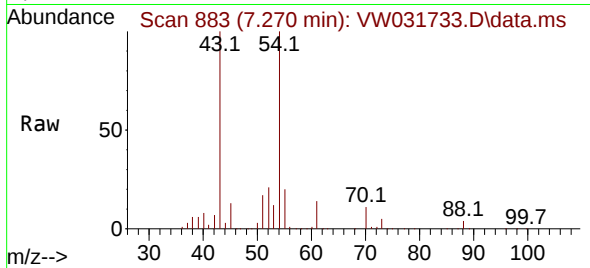




#37
Ethyl Acetate
Concen: 94.474 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

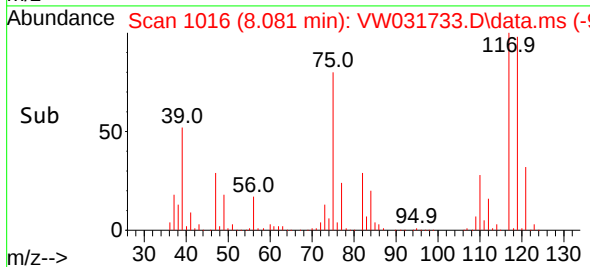
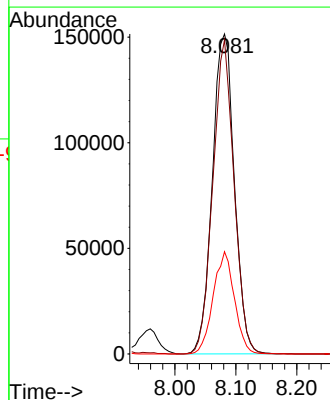
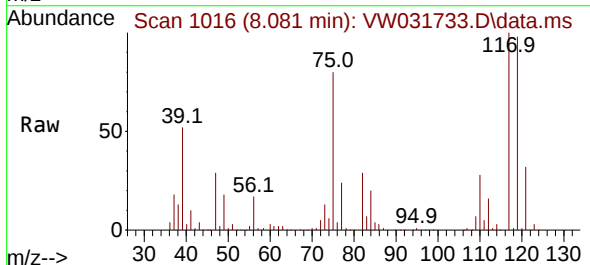
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

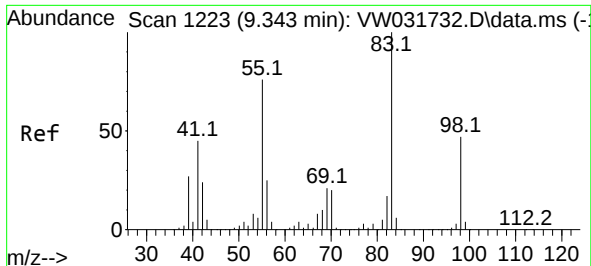
Tgt Ion: 43 Resp: 228624
Ion Ratio Lower Upper
43 100
61 13.5 10.9 16.3
70 11.2 9.2 13.8



#38
Carbon Tetrachloride
Concen: 97.306 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 117 Resp: 380387
Ion Ratio Lower Upper
117 100
119 98.2 75.0 112.6
121 31.9 24.6 37.0





#39

Methylcyclohexane

Concen: 100.834 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

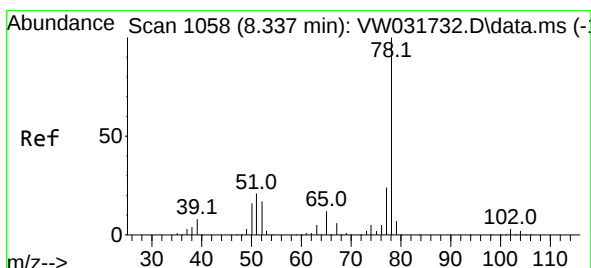
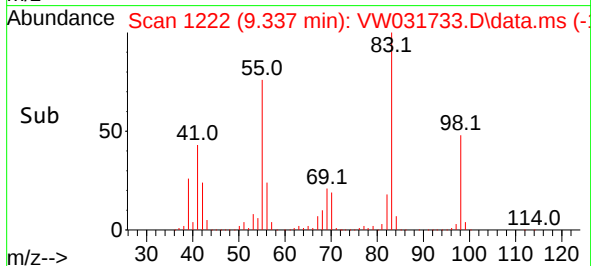
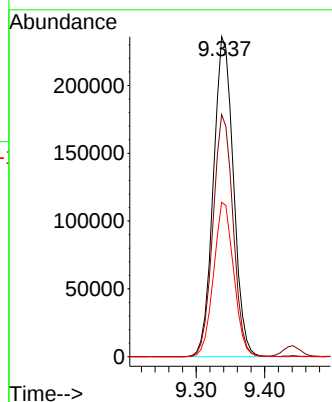
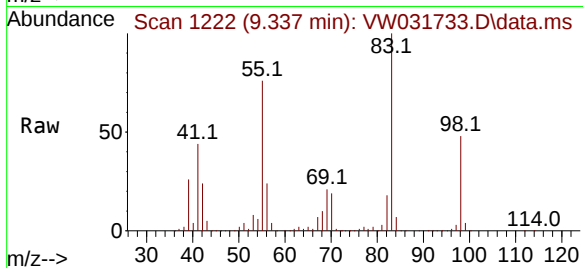
Tgt Ion: 83 Resp: 481270

Ion Ratio Lower Upper

83 100

55 75.7 61.0 91.4

98 48.2 37.9 56.9



#40

Benzene

Concen: 96.598 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031733.D

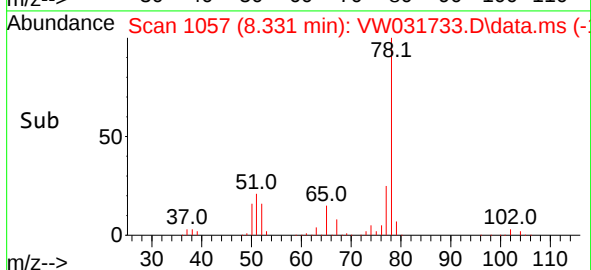
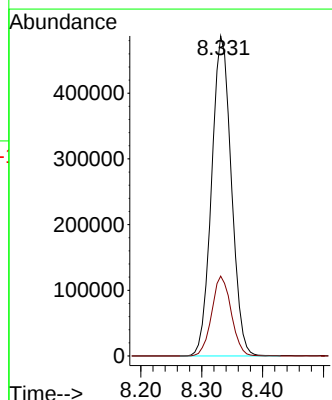
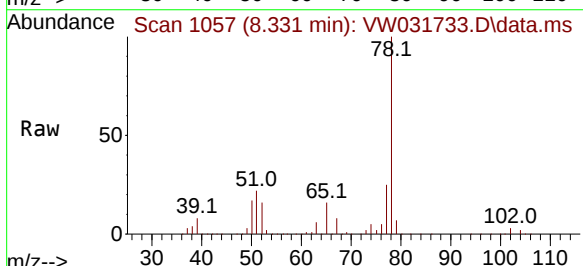
Acq: 30 Jun 2025 12:34

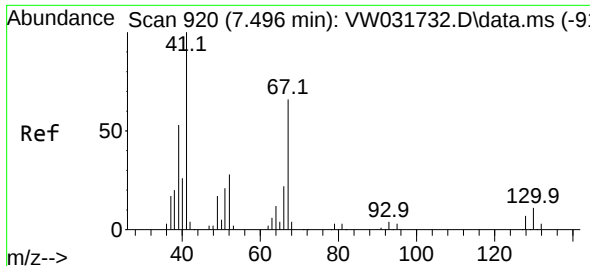
Tgt Ion: 78 Resp: 1096371

Ion Ratio Lower Upper

78 100

77 25.0 19.2 28.8



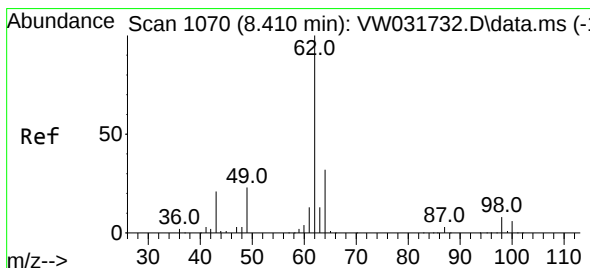
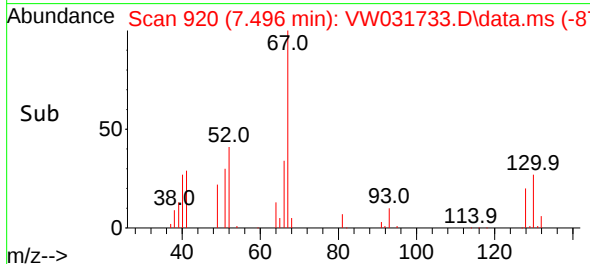
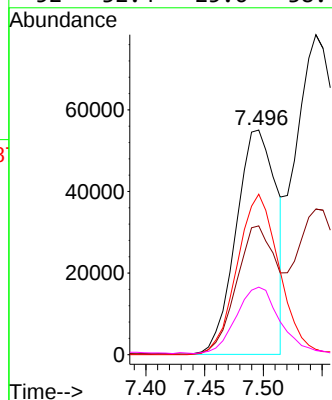
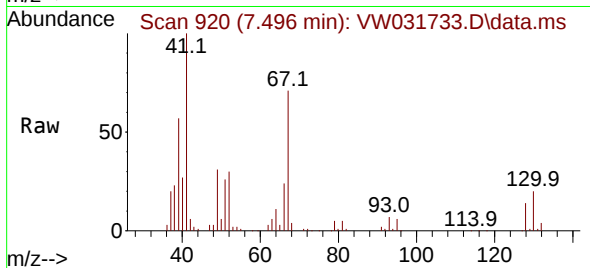


#41
Methacrylonitrile
Concen: 101.206 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 131200

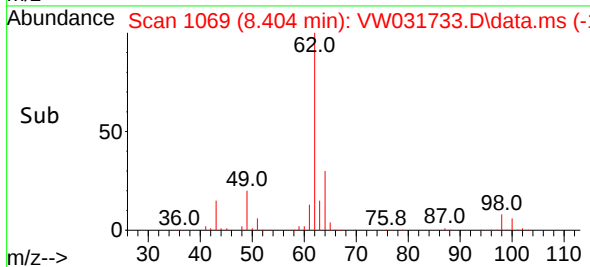
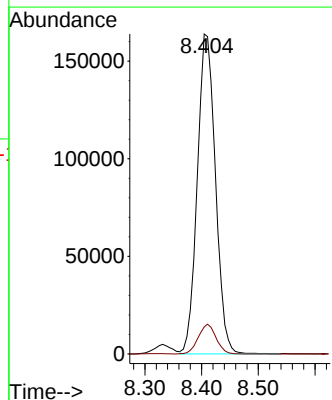
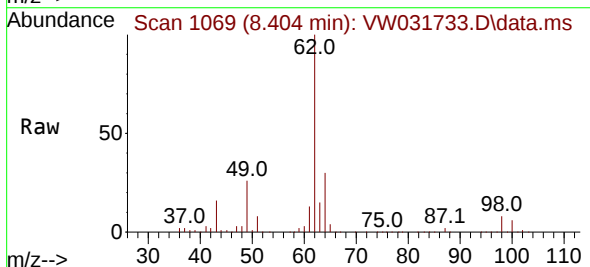
Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.2	64.8
67	75.4	58.1	87.1
52	32.4	25.6	38.4

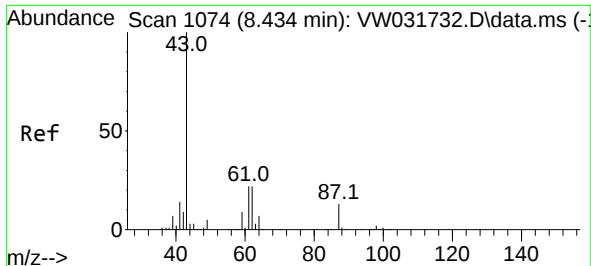


#42
1,2-Dichloroethane
Concen: 95.068 ug/l
RT: 8.404 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 62 Resp: 364585

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.2

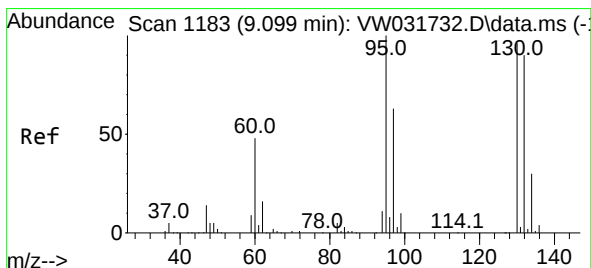
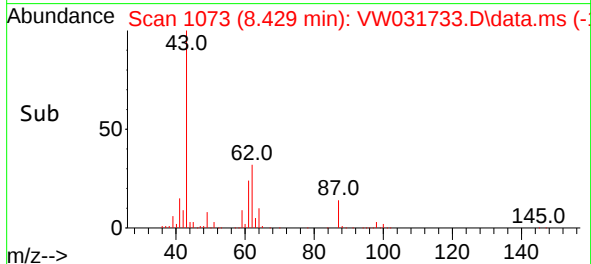
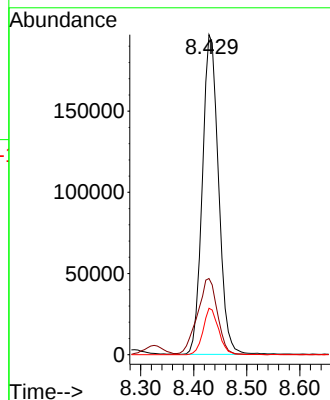
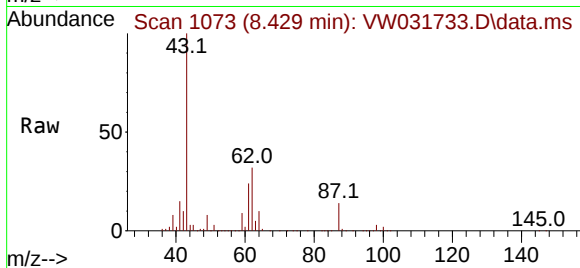




#43
Isopropyl Acetate
Concen: 100.040 ug/l
RT: 8.429 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

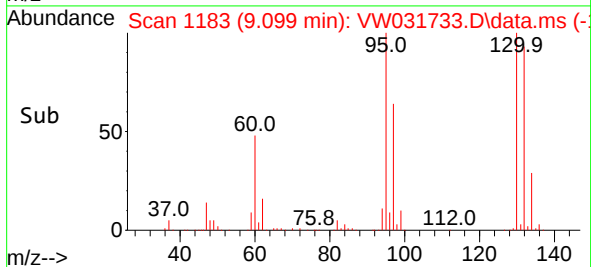
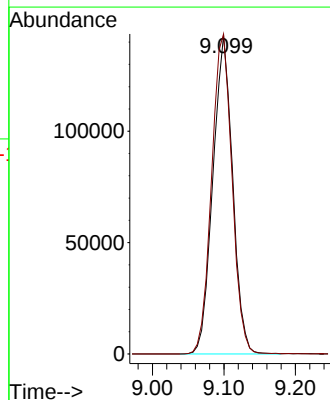
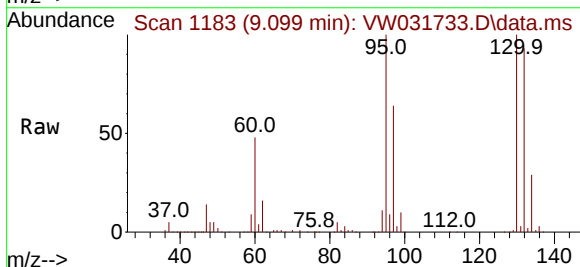
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

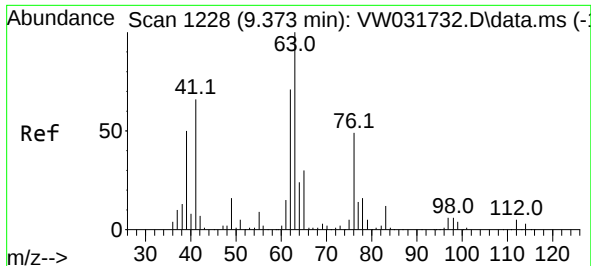
Tgt Ion: 43 Resp: 417317
Ion Ratio Lower Upper
43 100
61 29.7 23.1 34.7
87 13.9 10.8 16.2



#44
Trichloroethene
Concen: 96.676 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion:130 Resp: 273865
Ion Ratio Lower Upper
130 100
95 100.4 0.0 208.6





#45

1,2-Dichloropropane

Concen: 95.956 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

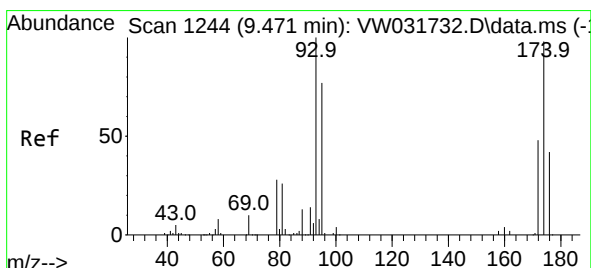
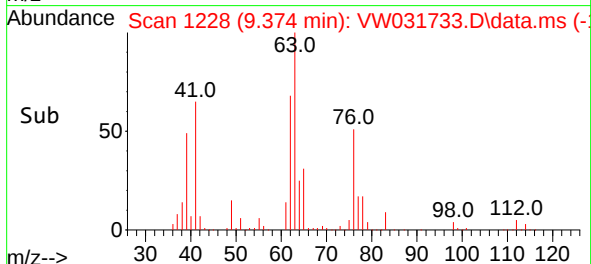
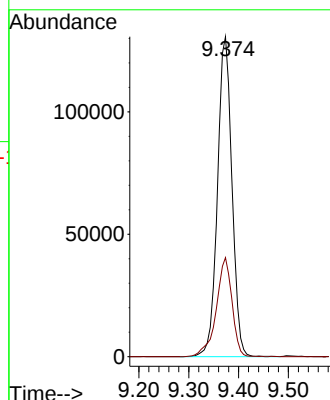
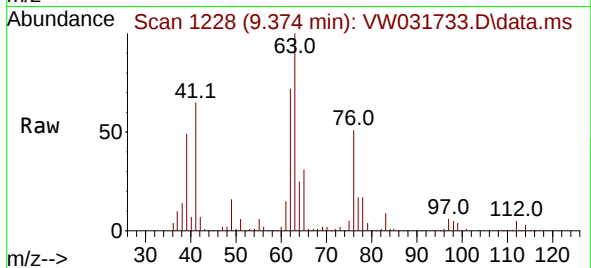
VSTDICC100

Tgt Ion: 63 Resp: 263216

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.4



#46

Dibromomethane

Concen: 94.732 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

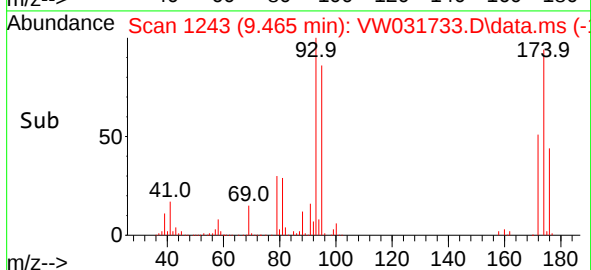
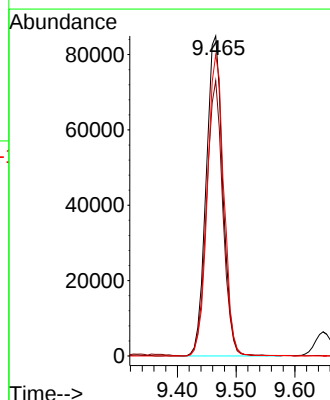
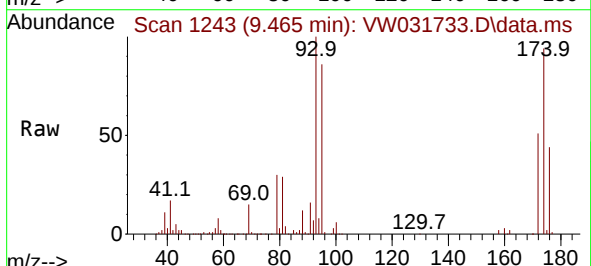
Tgt Ion: 93 Resp: 167767

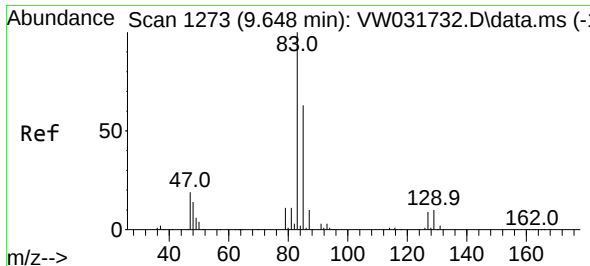
Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.4

174 93.3 71.7 107.5

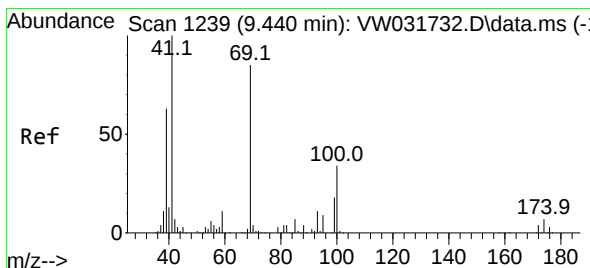
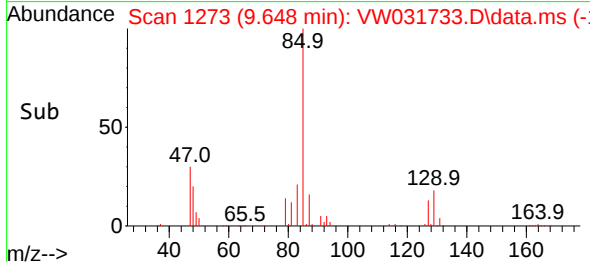
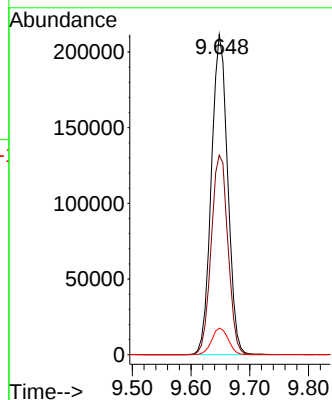
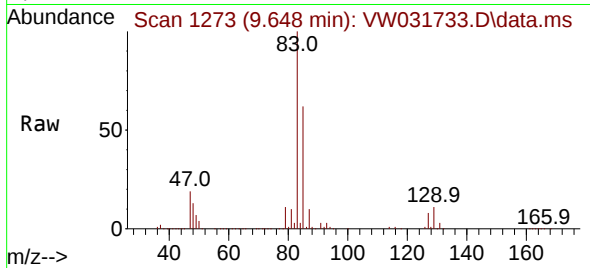




#47
Bromodichloromethane
Concen: 98.177 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

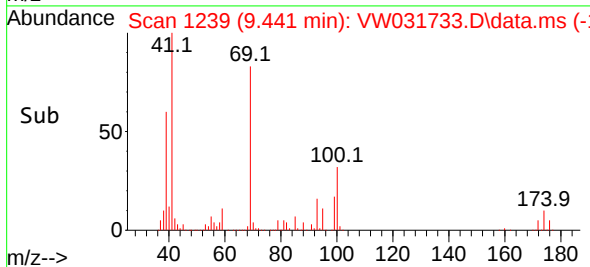
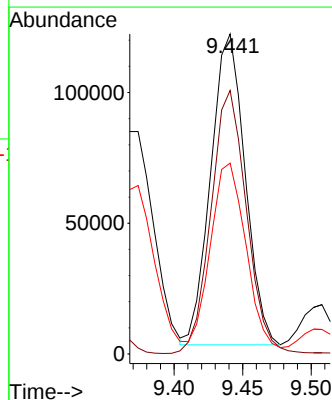
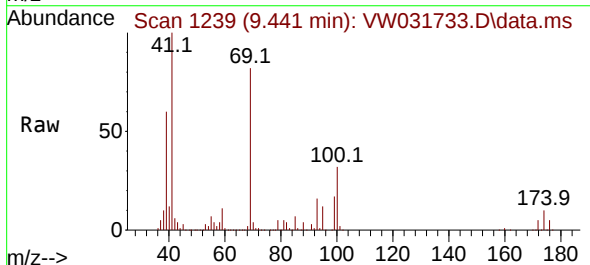
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

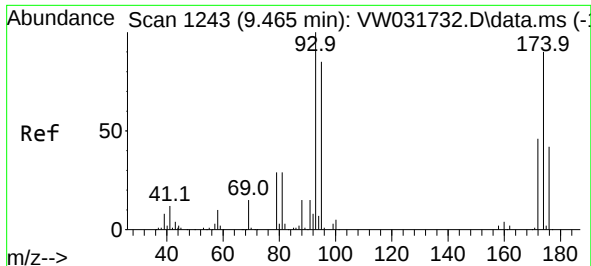
Tgt Ion: 83 Resp: 407715
Ion Ratio Lower Upper
83 100
85 62.3 50.8 76.2
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 100.953 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 41 Resp: 207070
Ion Ratio Lower Upper
41 100
69 88.0 71.6 107.4
39 59.9 49.5 74.3





#49

1,4-Dioxane

Concen: 2094.300 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

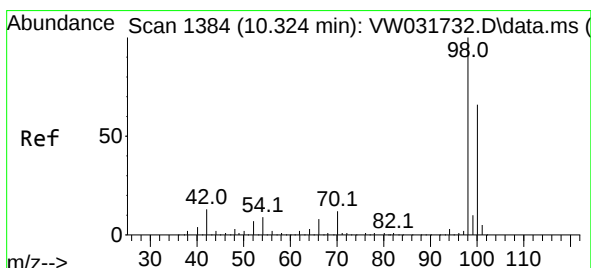
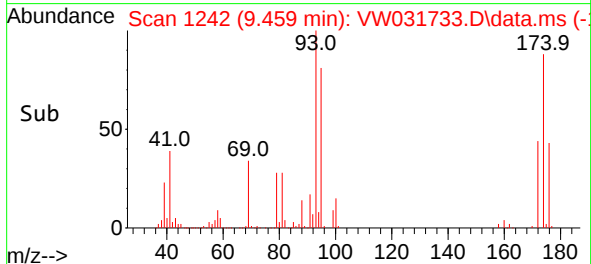
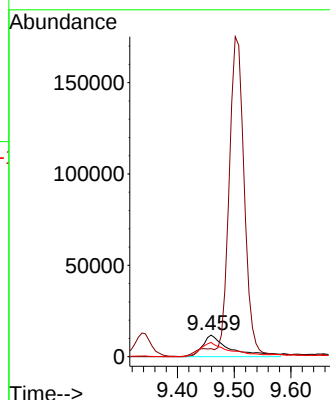
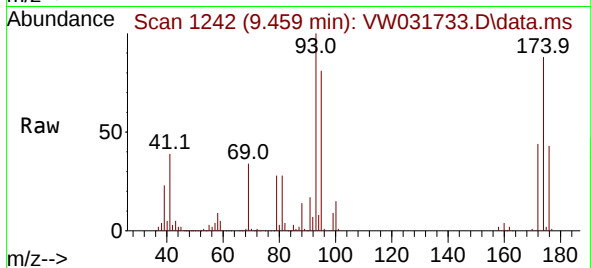
Tgt Ion: 88 Resp: 39485

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.3 58.3 87.5



#50

Toluene-d8

Concen: 101.188 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031733.D

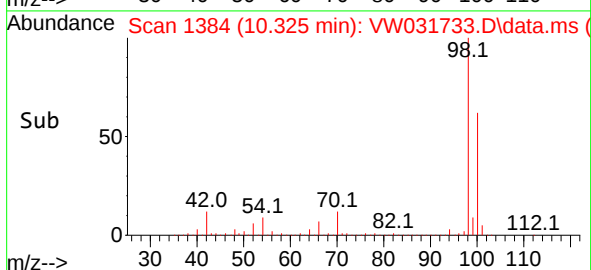
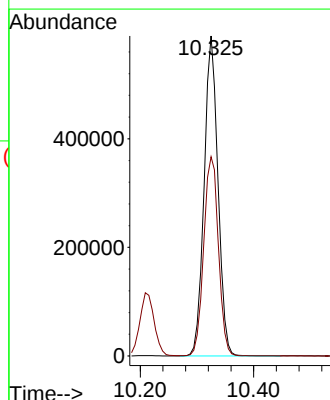
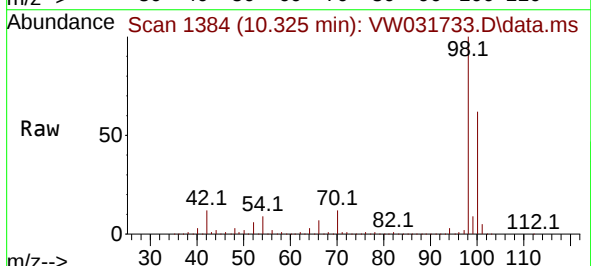
Acq: 30 Jun 2025 12:34

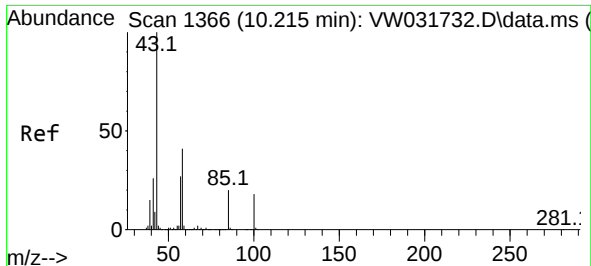
Tgt Ion: 98 Resp: 998288

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4

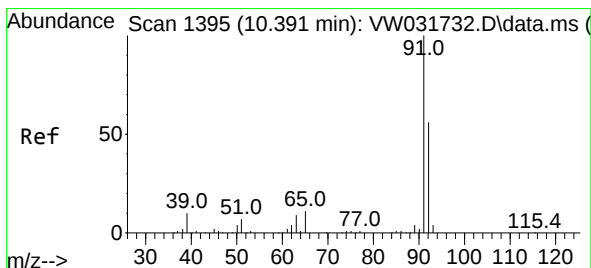
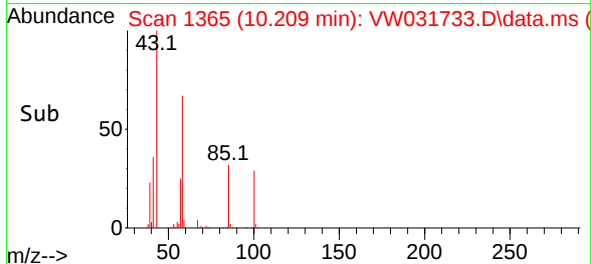
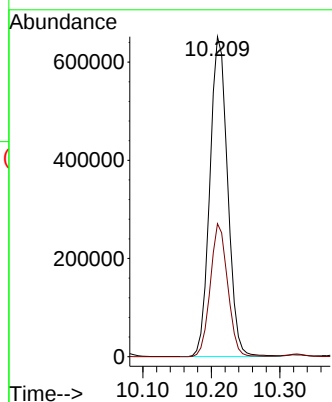
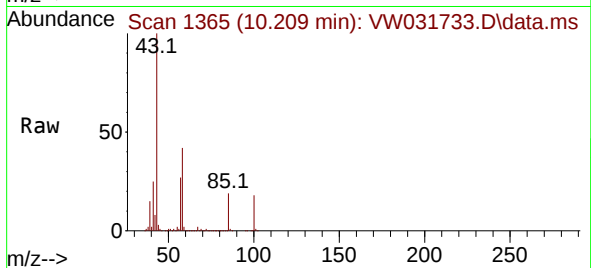




#51
4-Methyl-2-Pentanone
Concen: 489.871 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

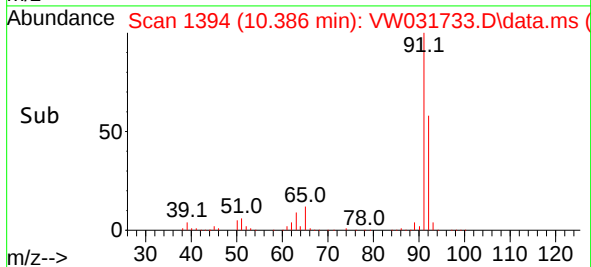
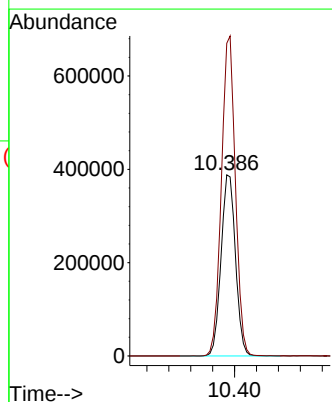
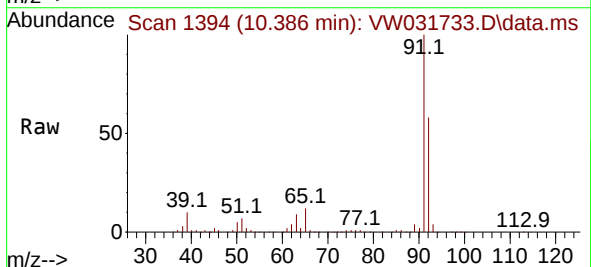
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

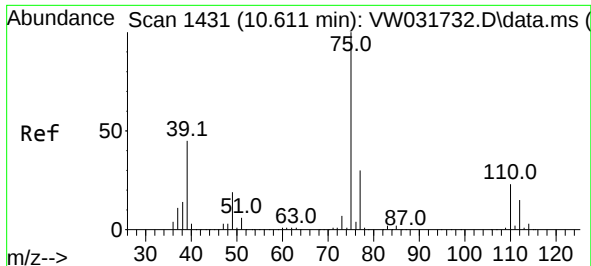
Tgt Ion: 43 Resp: 1174822
Ion Ratio Lower Upper
43 100
58 40.6 32.2 48.2



#52
Toluene
Concen: 97.739 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 92 Resp: 710254
Ion Ratio Lower Upper
92 100
91 171.7 139.5 209.3

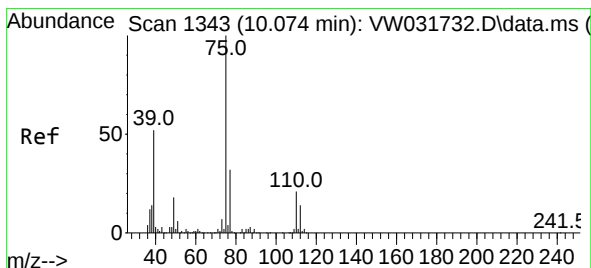
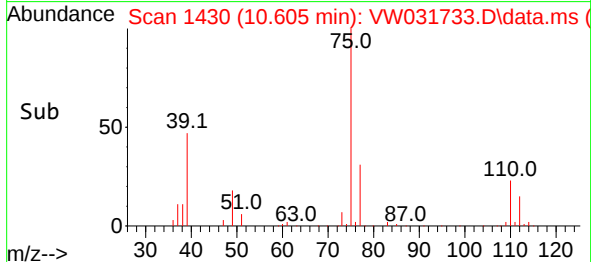
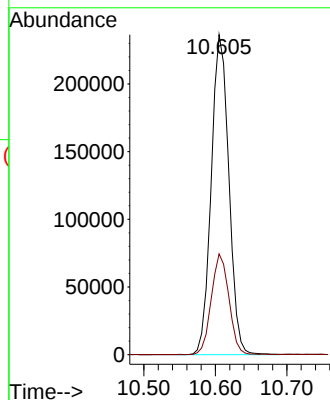
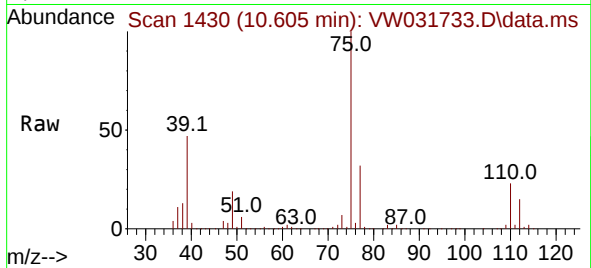




#53
 t-1,3-Dichloropropene
 Concen: 103.743 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW031733.D
 Acq: 30 Jun 2025 12:34

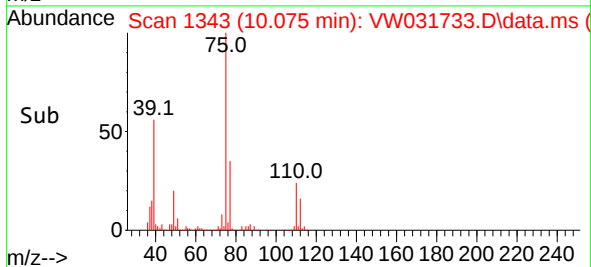
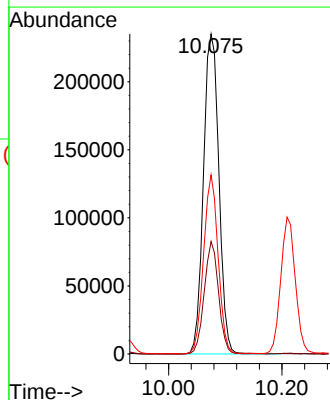
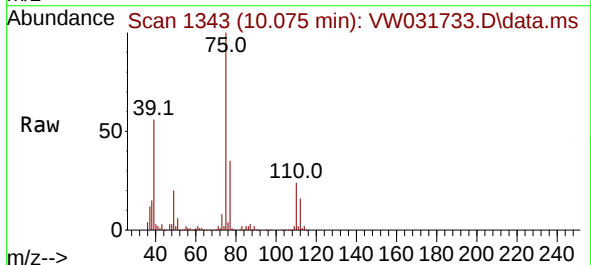
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

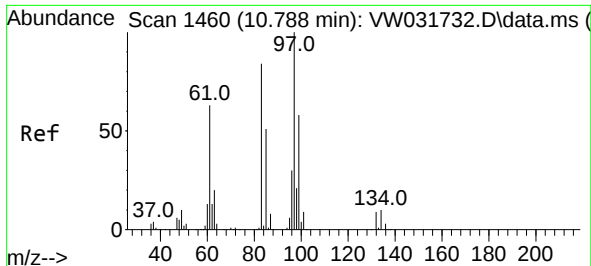
Tgt Ion: 75 Resp: 404225
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 100.610 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031733.D
 Acq: 30 Jun 2025 12:34

Tgt Ion: 75 Resp: 444410
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.4 38.2
 39 55.9 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 96.178 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 223115

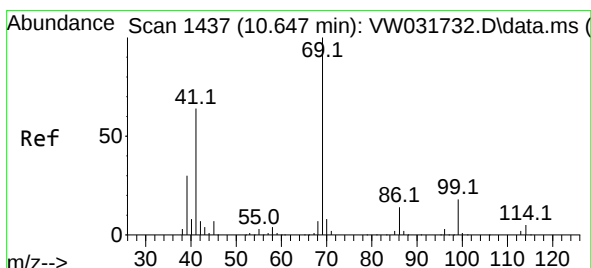
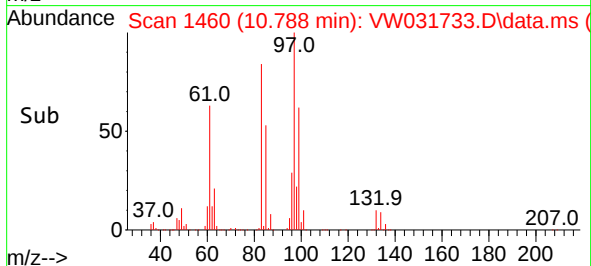
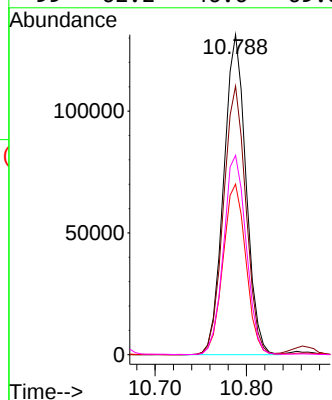
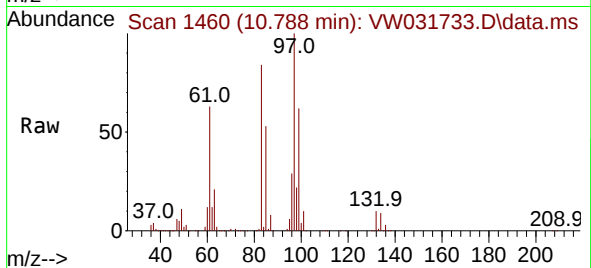
Ion Ratio Lower Upper

97 100

83 84.0 66.9 100.3

85 53.3 41.1 61.7

99 62.2 46.6 69.8



#56

Ethyl methacrylate

Concen: 103.792 ug/l

RT: 10.642 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

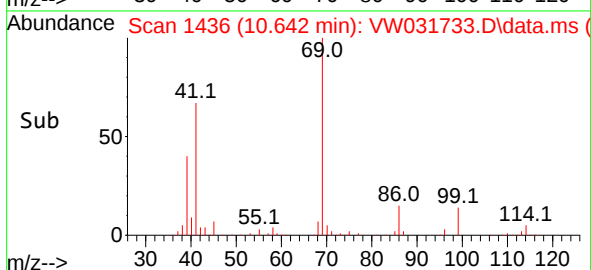
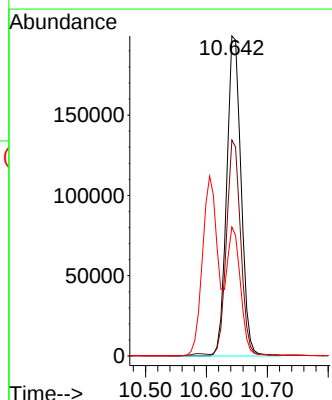
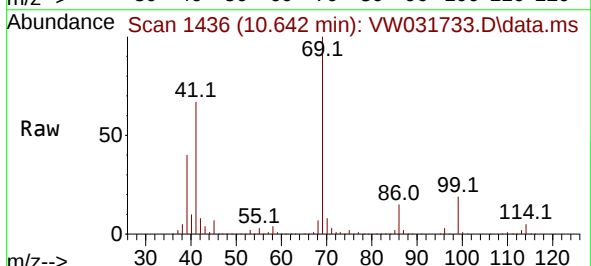
Tgt Ion: 69 Resp: 326655

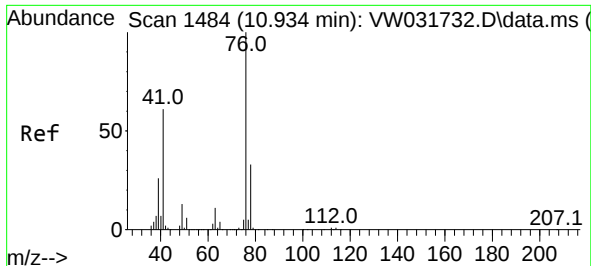
Ion Ratio Lower Upper

69 100

41 66.2 53.3 79.9

39 35.2 30.2 45.2





#57

1,3-Dichloropropane

Concen: 95.120 ug/l

RT: 10.928 min Scan# 1483

Delta R.T. -0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

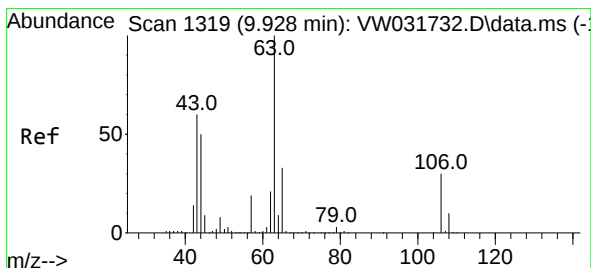
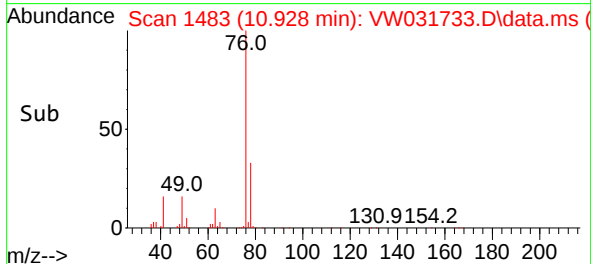
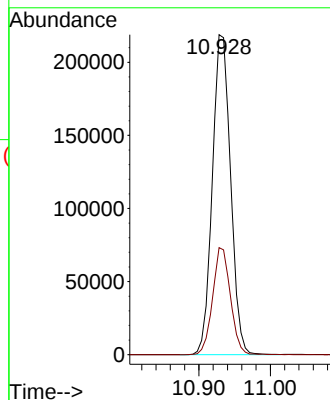
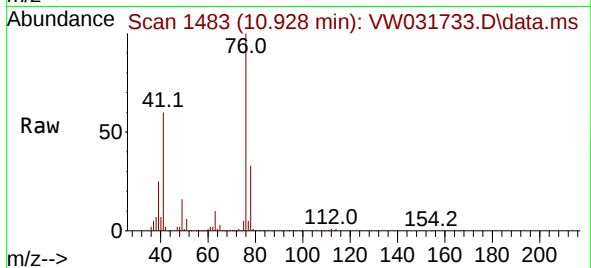
VSTDIC100

Tgt Ion: 76 Resp: 387413

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 523.732 ug/l

RT: 9.922 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VW031733.D

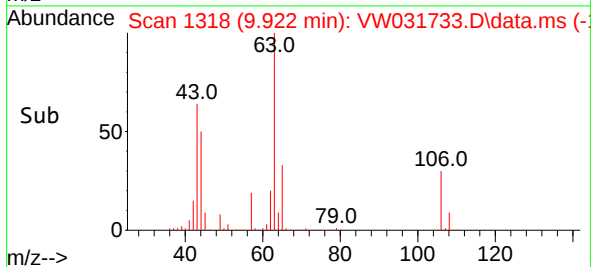
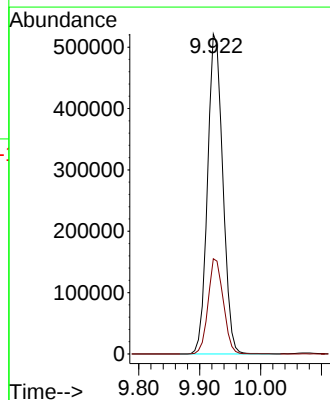
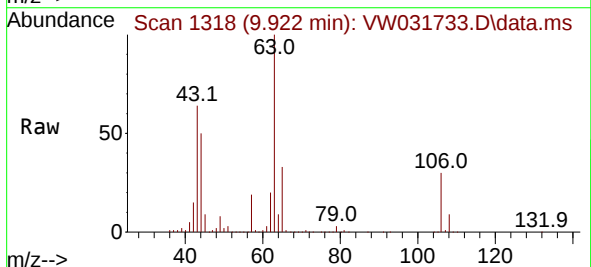
Acq: 30 Jun 2025 12:34

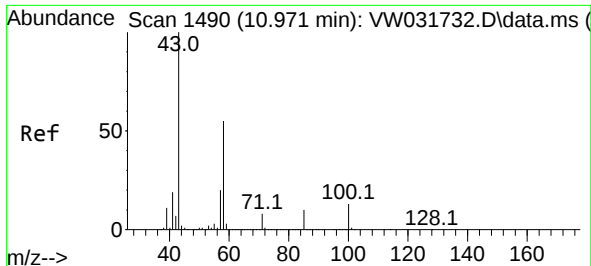
Tgt Ion: 63 Resp: 907630

Ion Ratio Lower Upper

63 100

106 29.5 24.1 36.1

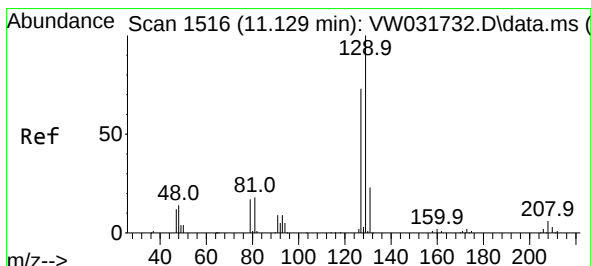
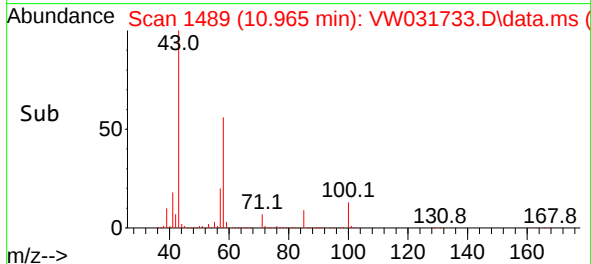
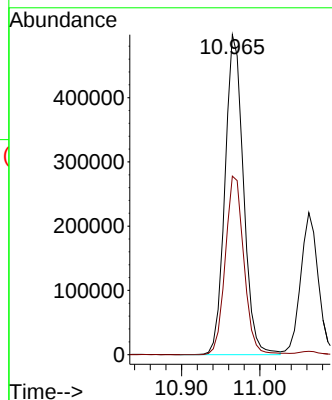
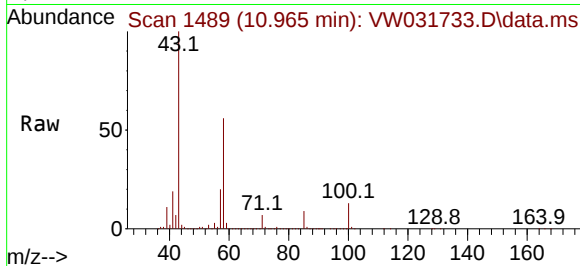




#59
2-Hexanone
Concen: 502.809 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

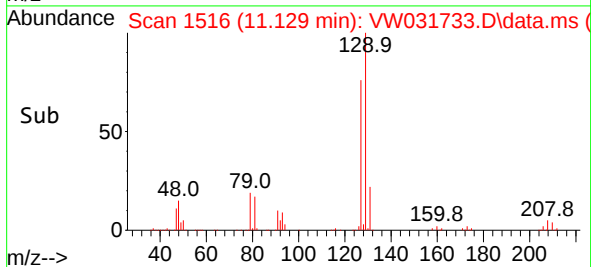
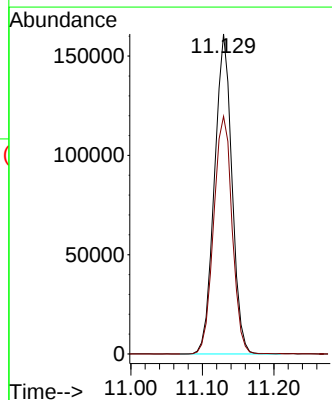
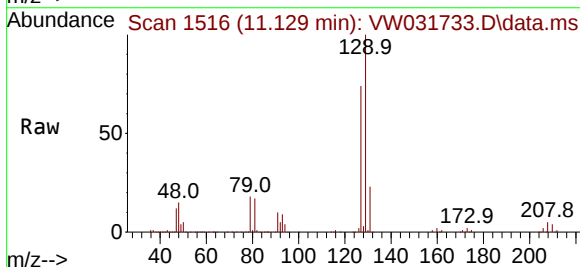
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

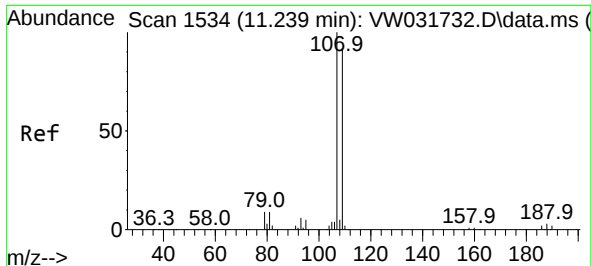
Tgt Ion: 43 Resp: 817133
Ion Ratio Lower Upper
43 100
58 56.2 27.9 83.6



#60
Dibromochloromethane
Concen: 98.517 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 129 Resp: 273293
Ion Ratio Lower Upper
129 100
127 78.3 38.0 114.1

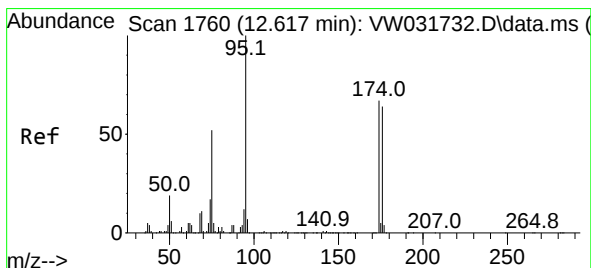
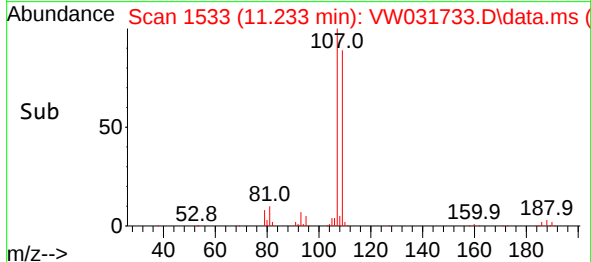
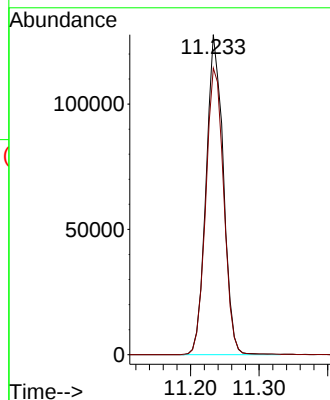
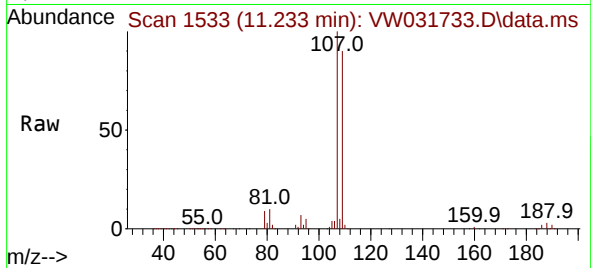




#61
1,2-Dibromoethane
Concen: 95.925 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

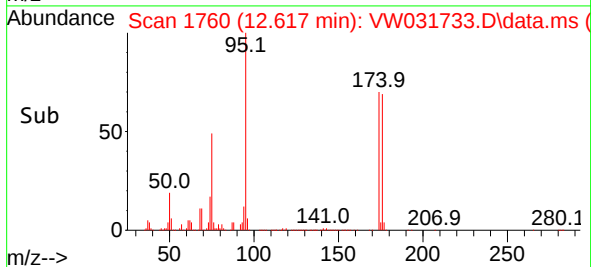
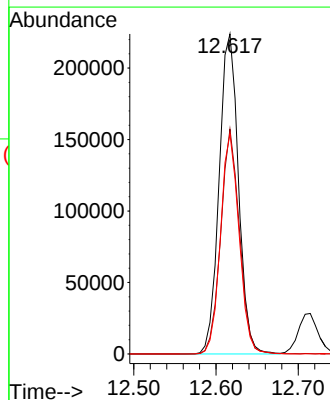
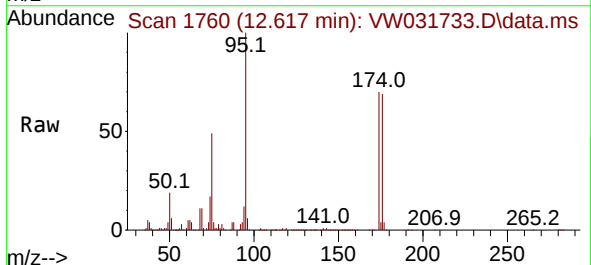
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

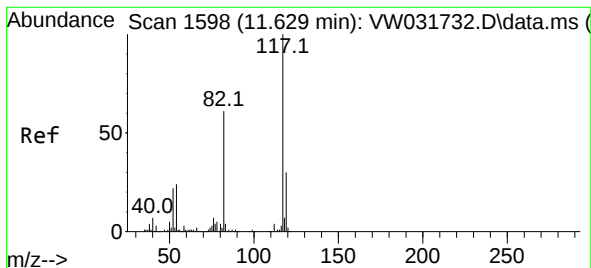
Tgt Ion:107 Resp: 222768
Ion Ratio Lower Upper
107 100
109 93.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 100.680 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 95 Resp: 365527
Ion Ratio Lower Upper
95 100
174 68.1 0.0 133.8
176 66.1 0.0 126.0

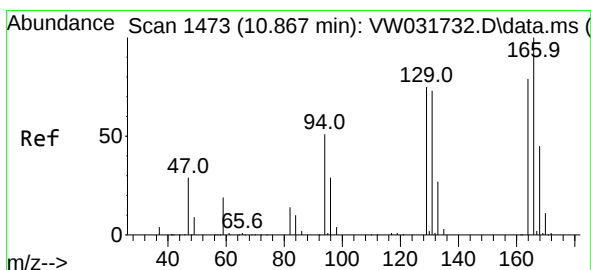
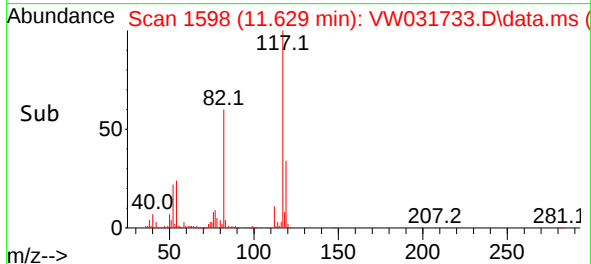
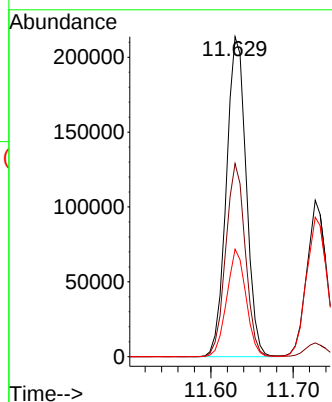
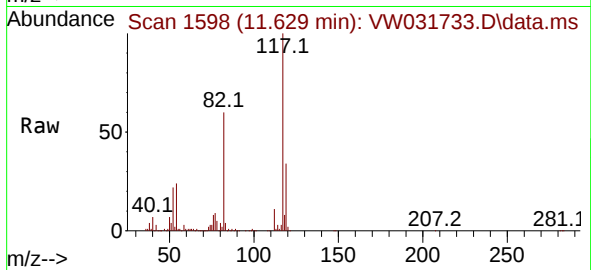




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

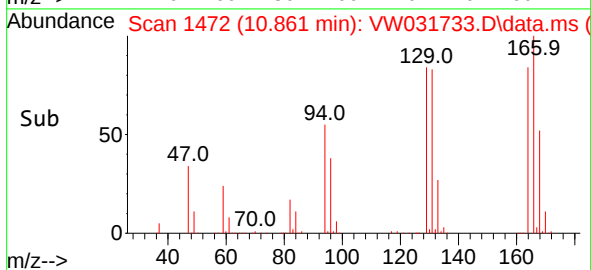
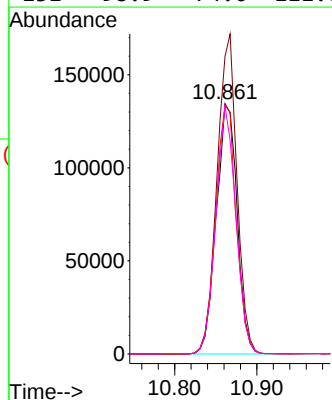
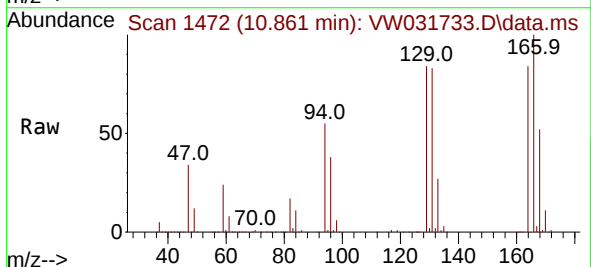
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

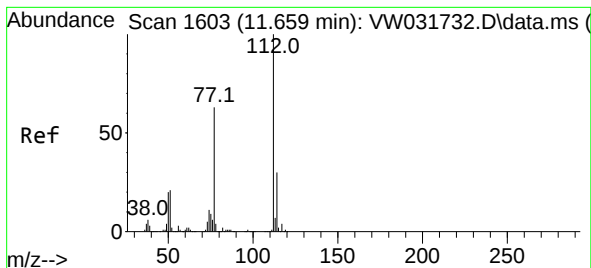
Tgt Ion:117 Resp: 358957
Ion Ratio Lower Upper
117 100
82 60.4 48.6 72.8
119 33.6 23.9 35.9



#64
Tetrachloroethene
Concen: 100.695 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion:164 Resp: 236432
Ion Ratio Lower Upper
164 100
166 118.9 100.7 151.1
129 99.3 75.4 113.0
131 98.9 74.0 111.0





#65

Chlorobenzene

Concen: 97.693 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

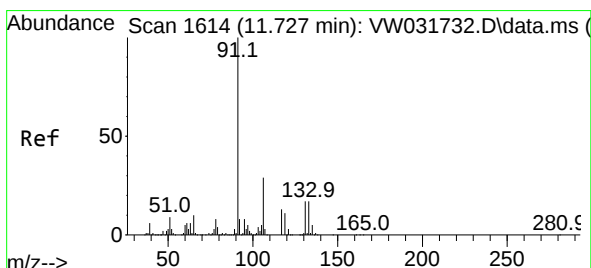
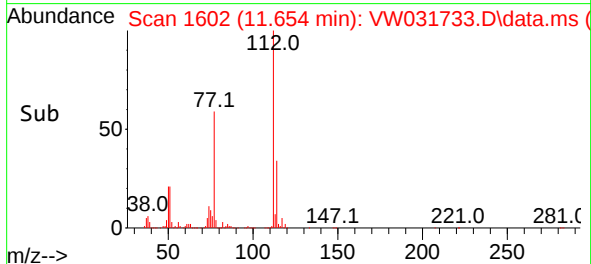
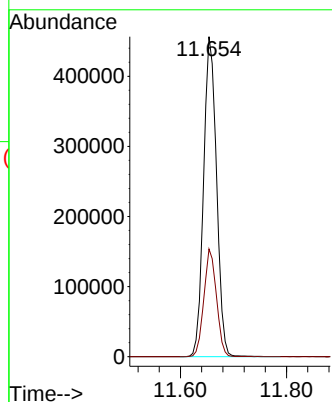
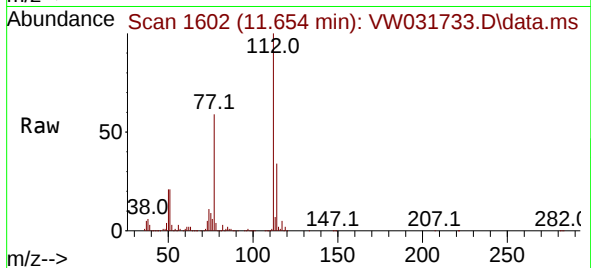
VSTDICC100

Tgt Ion:112 Resp: 773712

Ion Ratio Lower Upper

112 100

114 33.7 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 100.030 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

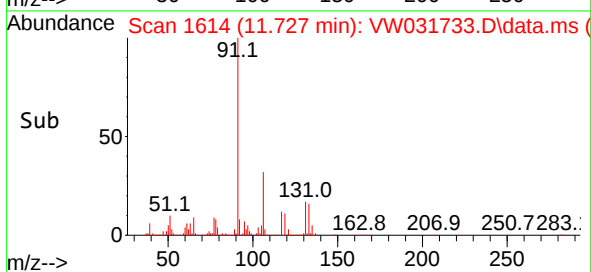
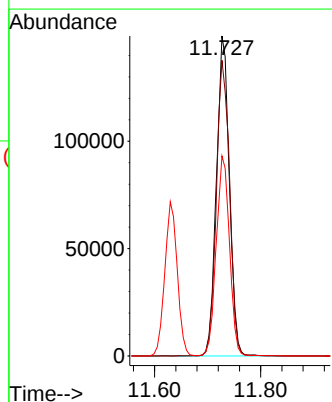
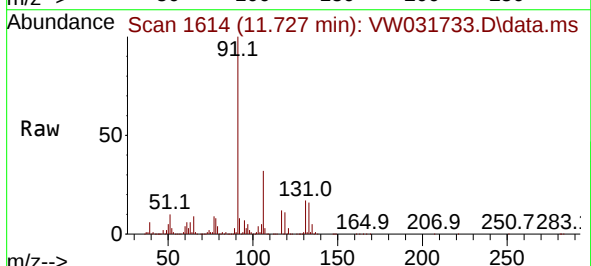
Tgt Ion:131 Resp: 252455

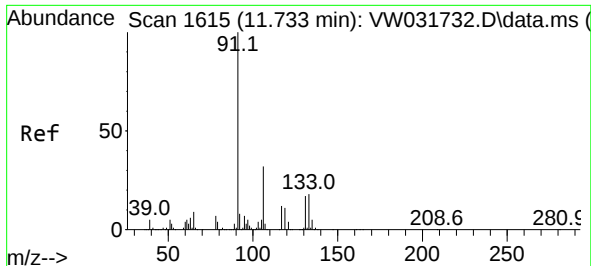
Ion Ratio Lower Upper

131 100

133 94.9 48.5 145.6

119 64.0 32.5 97.5

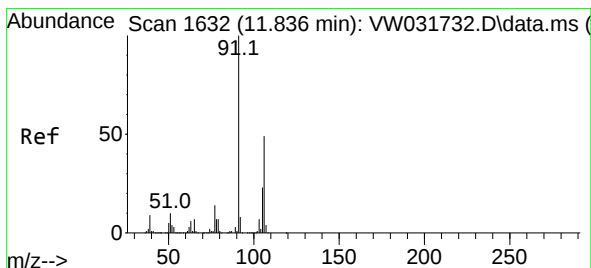
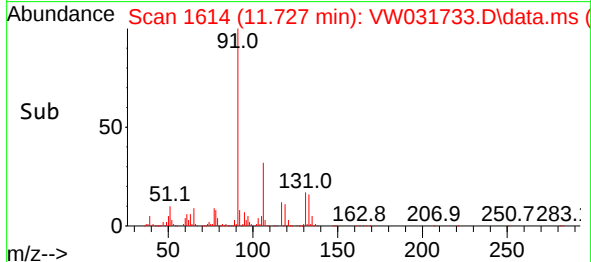
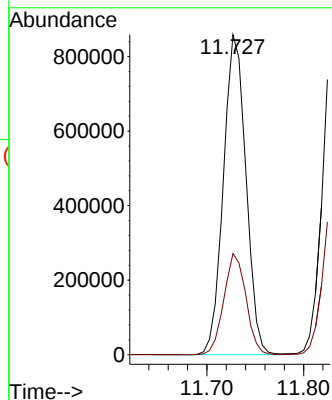
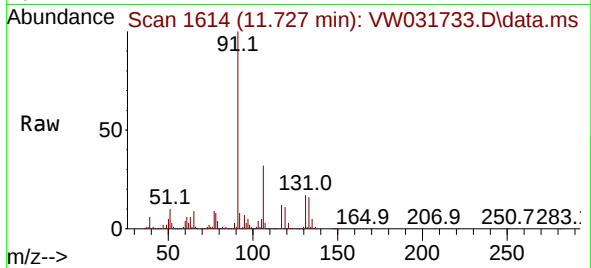




#67
Ethyl Benzene
Concen: 101.112 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

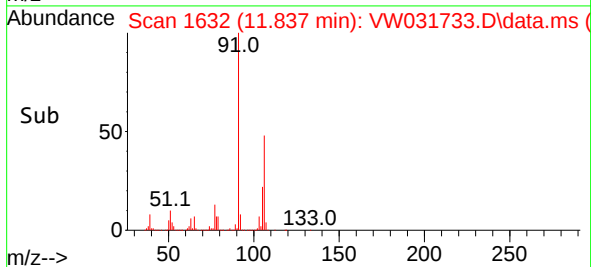
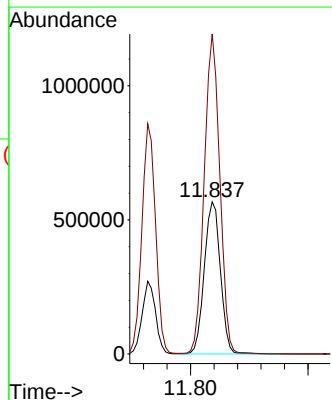
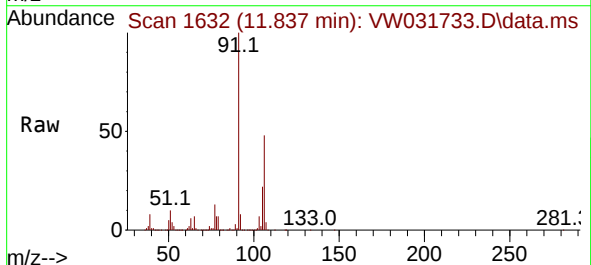
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

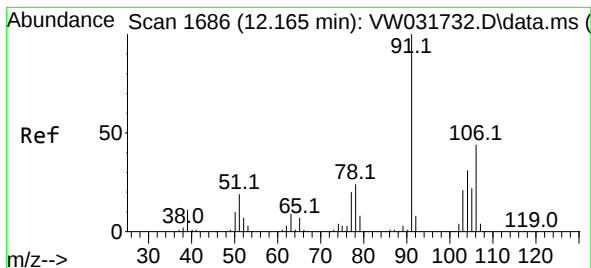
Tgt Ion: 91 Resp: 1388600
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 204.066 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion:106 Resp: 1077324
Ion Ratio Lower Upper
106 100
91 204.4 166.4 249.6

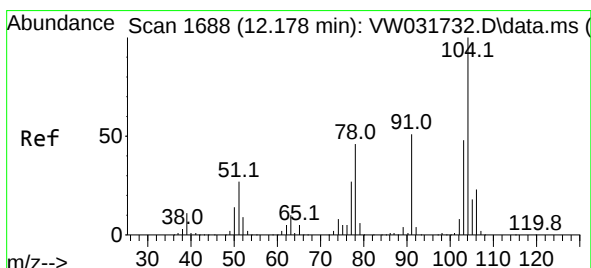
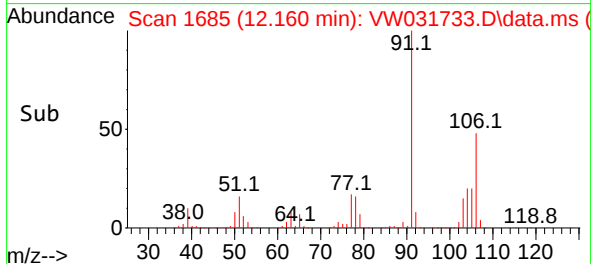
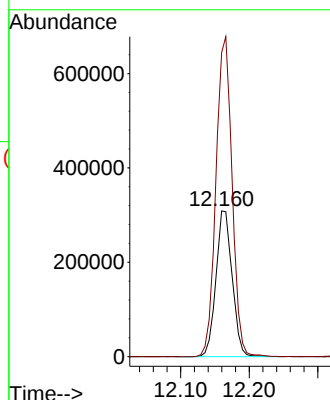
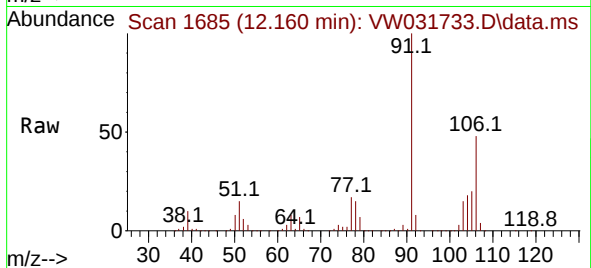




#69
o-Xylene
Concen: 103.535 ug/l
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

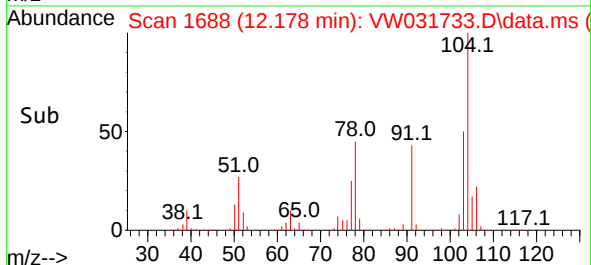
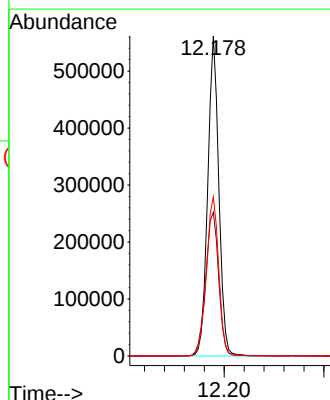
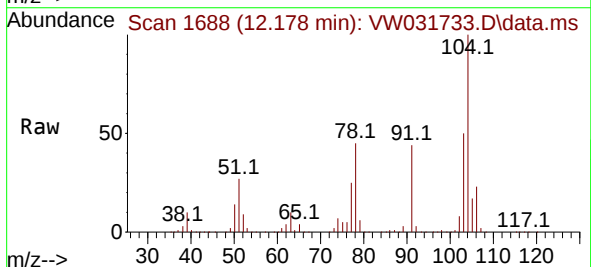
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

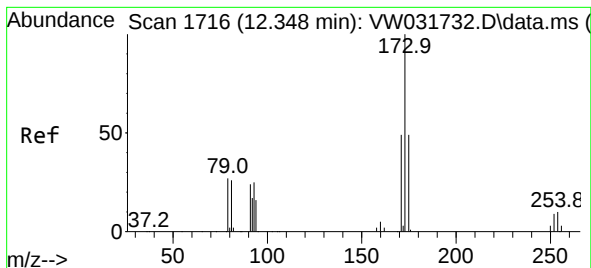
Tgt Ion:106 Resp: 506083
Ion Ratio Lower Upper
106 100
91 218.1 111.5 334.4



#70
Styrene
Concen: 102.427 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion:104 Resp: 865542
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 55.5 43.0 64.6





#71

Bromoform

Concen: 102.574 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

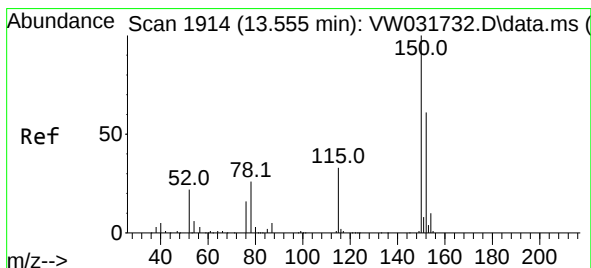
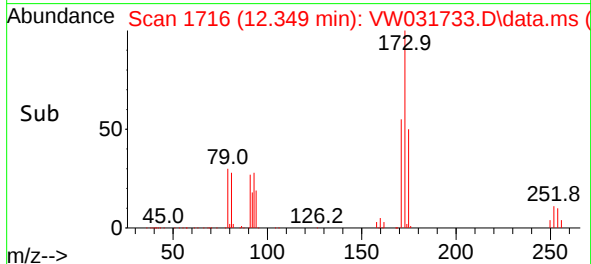
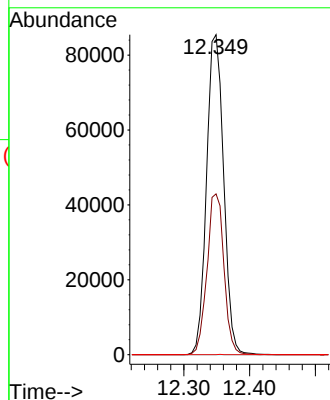
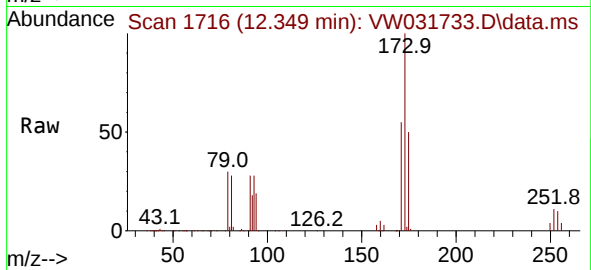
Tgt Ion:173 Resp: 154434

Ion Ratio Lower Upper

173 100

175 49.9 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

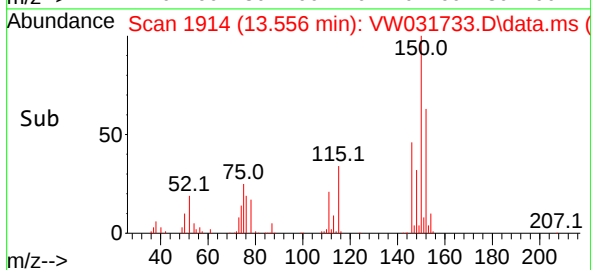
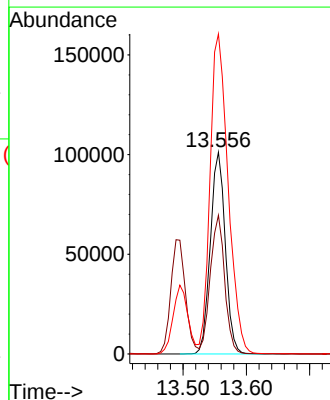
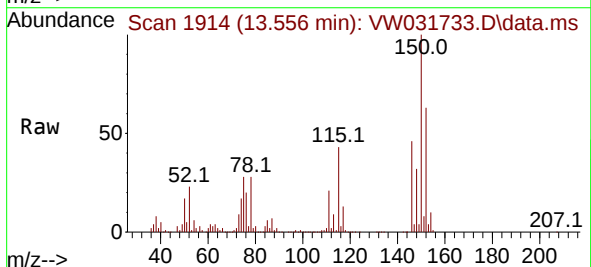
Tgt Ion:152 Resp: 166129

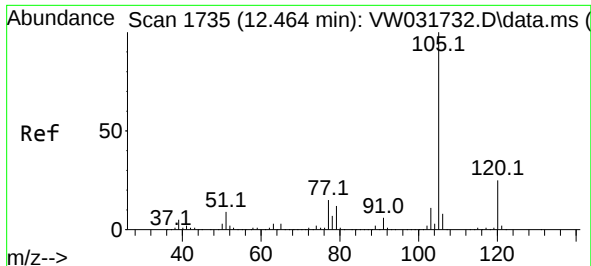
Ion Ratio Lower Upper

152 100

115 66.2 31.9 95.7

150 191.5 0.0 356.4

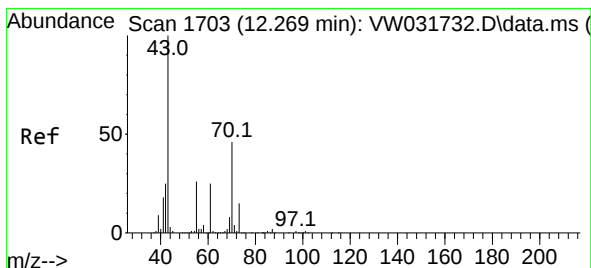
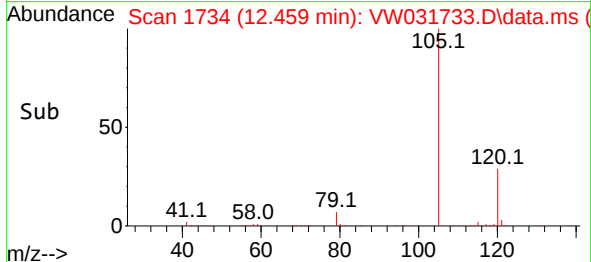
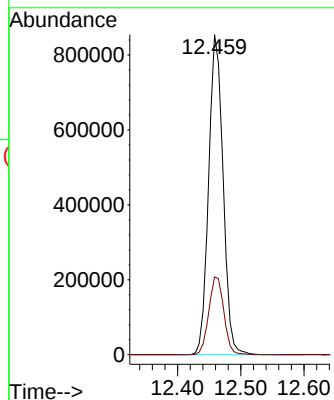
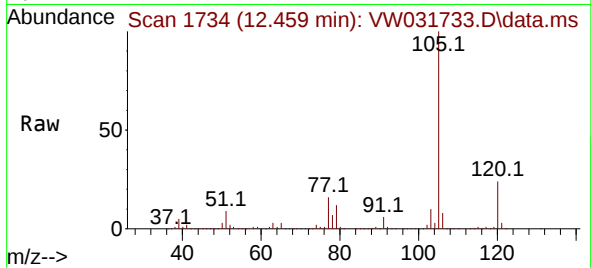




#73
Isopropylbenzene
Concen: 107.286 ug/l
RT: 12.459 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

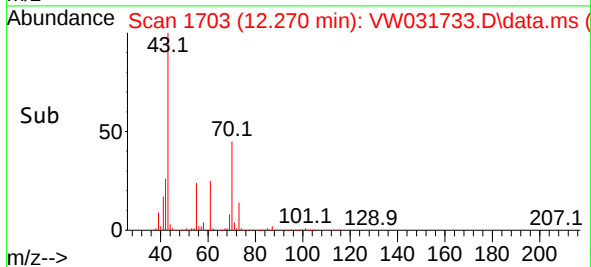
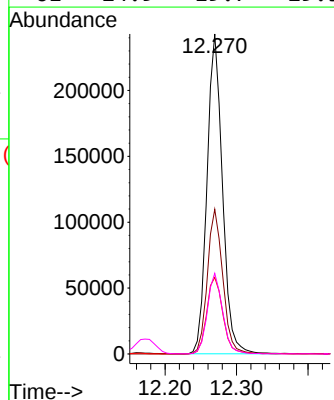
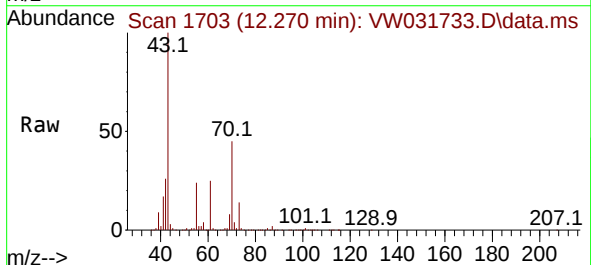
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

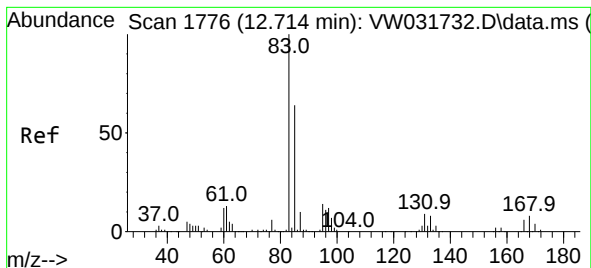
Tgt Ion:105 Resp: 1355736
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4



#74
N-ethyl acetate
Concen: 106.869 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 43 Resp: 363996
Ion Ratio Lower Upper
43 100
70 45.5 36.0 54.0
55 25.2 20.8 31.2
61 24.9 19.7 29.5

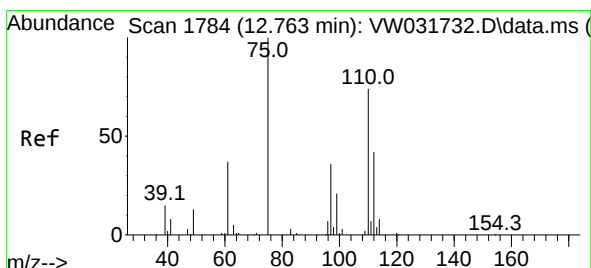
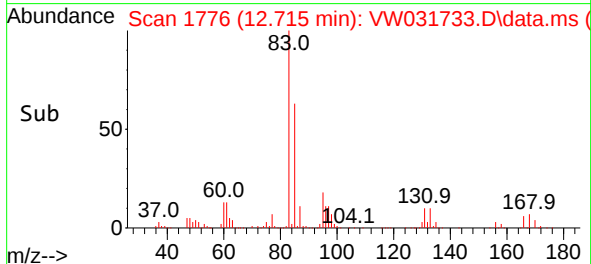
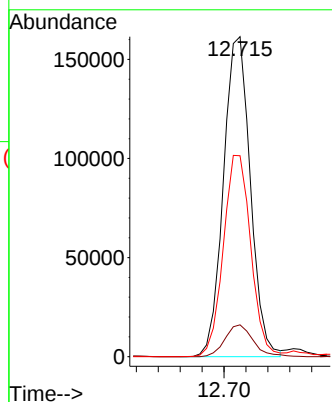
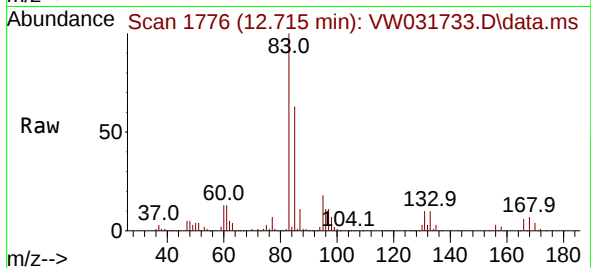




#75
1,1,2,2-Tetrachloroethane
Concen: 98.180 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

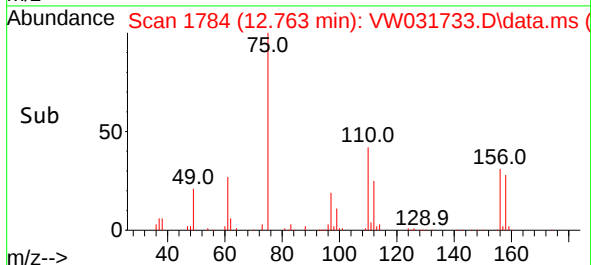
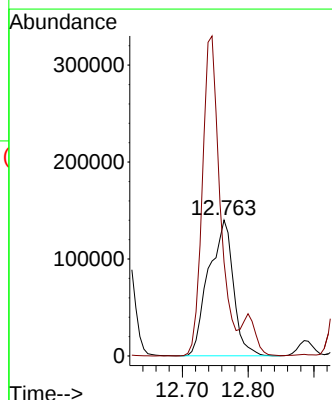
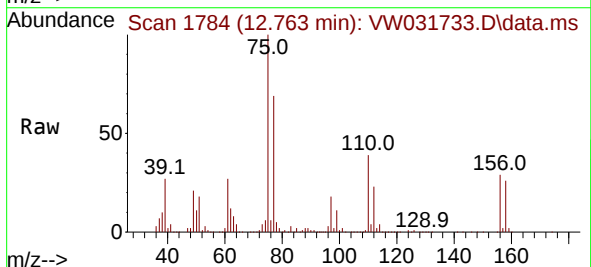
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

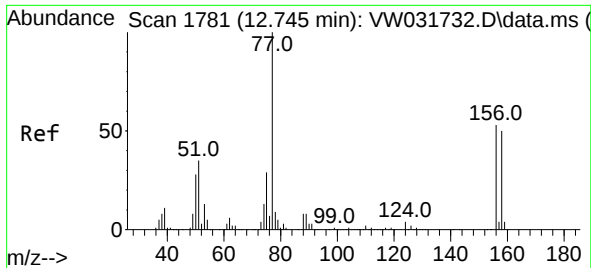
Tgt Ion: 83 Resp: 275439
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 64.2 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 170.560 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 75 Resp: 366166
Ion Ratio Lower Upper
75 100
77 168.2 141.2 423.6

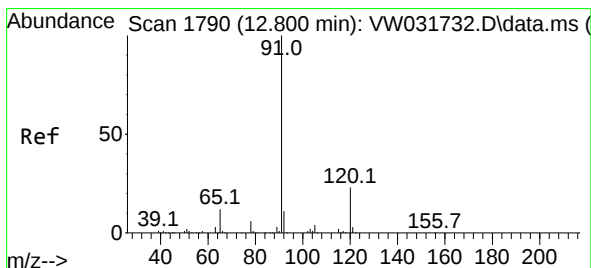
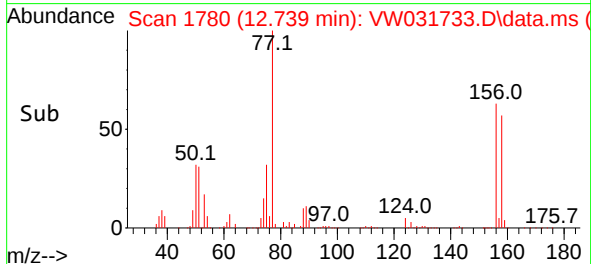
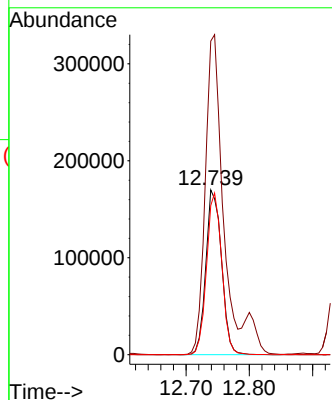
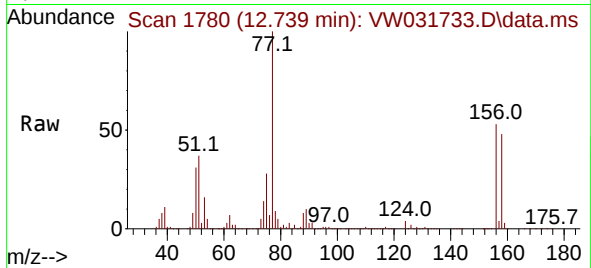




#77
Bromobenzene
Concen: 104.424 ug/l
RT: 12.739 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

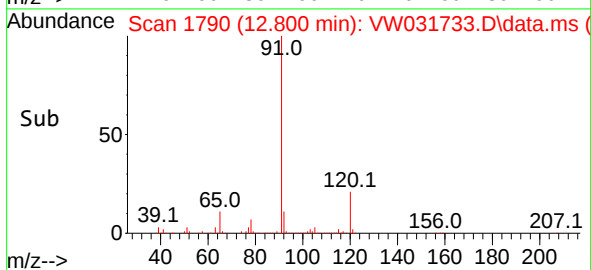
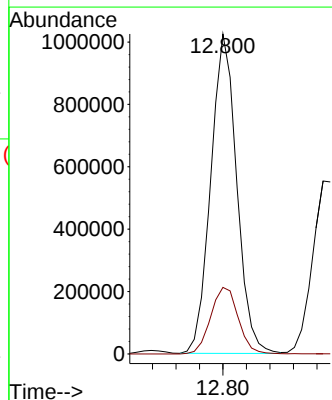
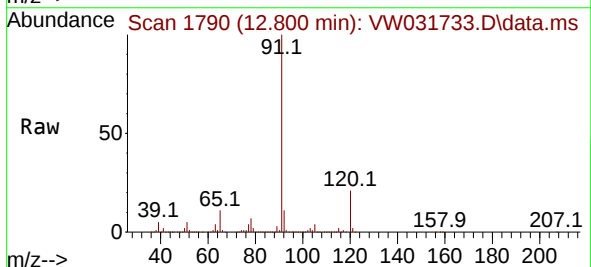
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

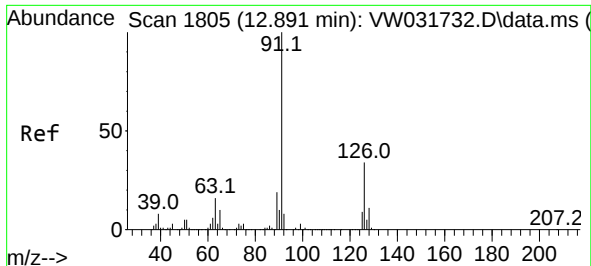
Tgt Ion:156 Resp: 294310
Ion Ratio Lower Upper
156 100
77 209.3 117.9 353.7
158 95.4 52.6 157.8



#78
n-propylbenzene
Concen: 103.933 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 91 Resp: 1572731
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4

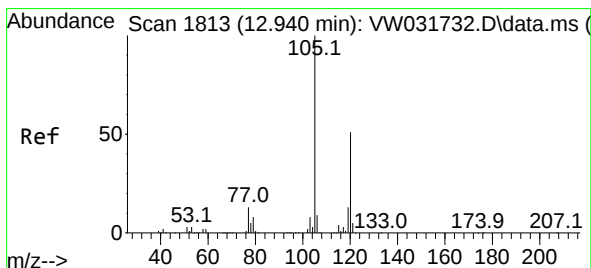
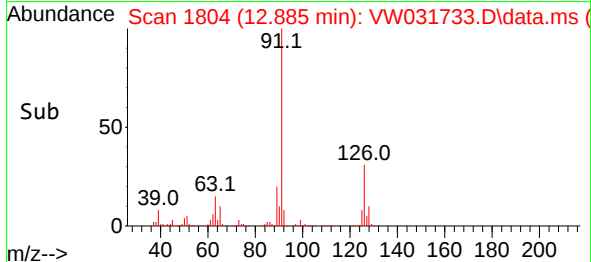
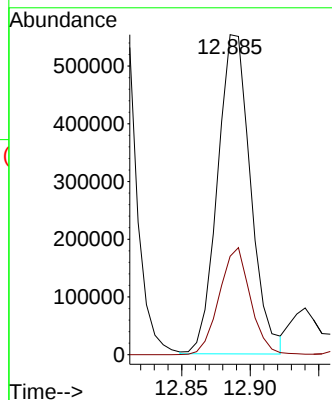
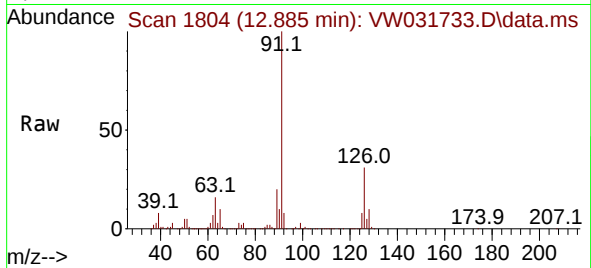




#79
2-Chlorotoluene
Concen: 102.084 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

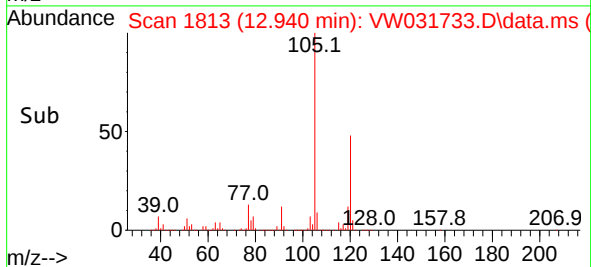
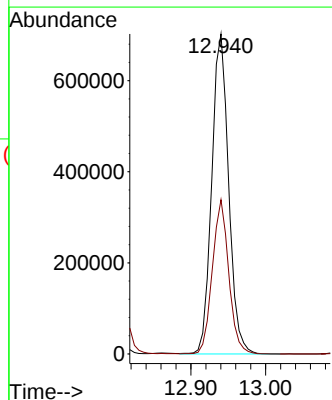
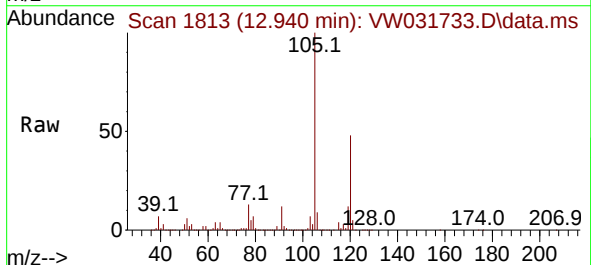
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

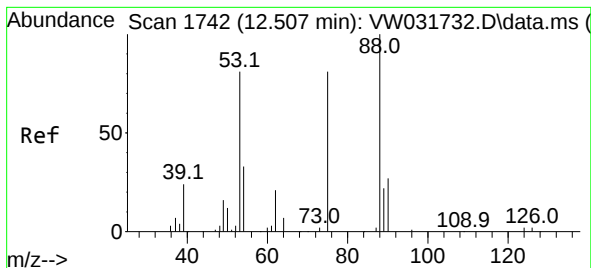
Tgt Ion: 91 Resp: 930210
Ion Ratio Lower Upper
91 100
126 31.7 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 105.277 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion:105 Resp: 1101203
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.2

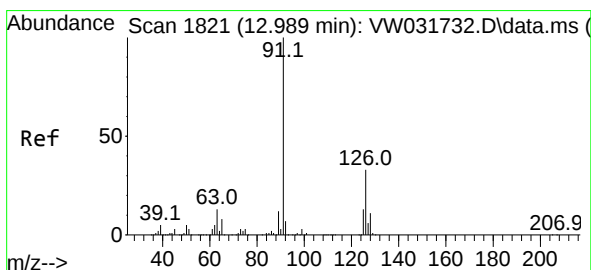
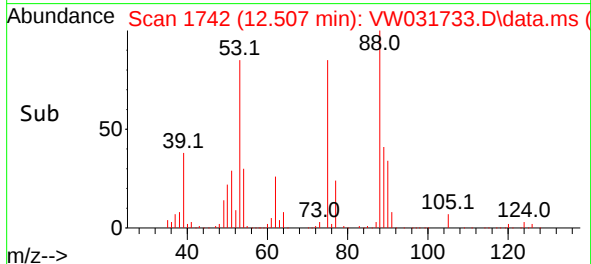
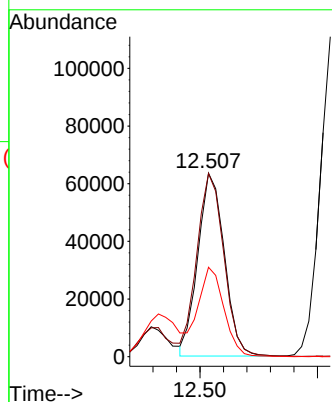
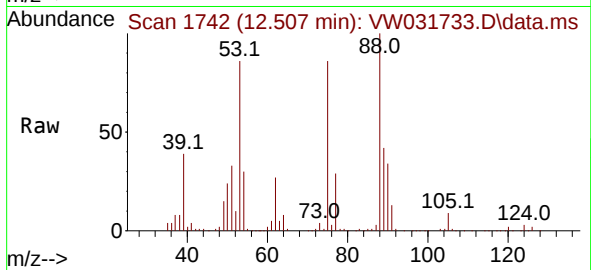




#81
trans-1,4-Dichloro-2-butene
Concen: 107.660 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

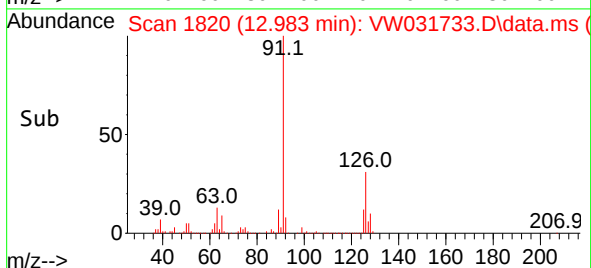
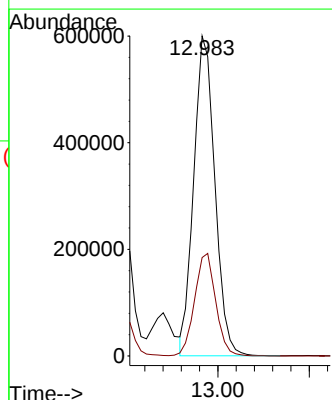
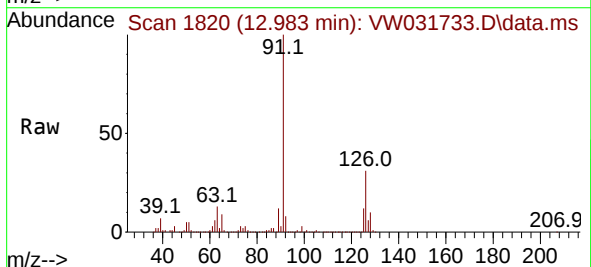
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

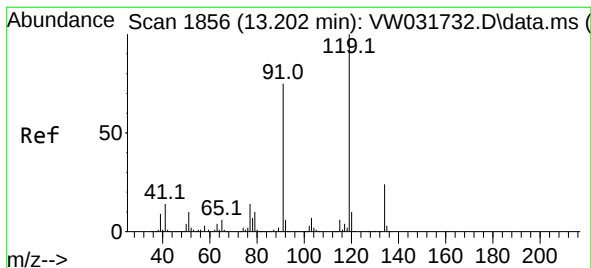
Tgt Ion: 75 Resp: 99233
Ion Ratio Lower Upper
75 100
53 102.5 83.5 125.3
89 49.9 38.3 57.5



#82
4-Chlorotoluene
Concen: 100.758 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031733.D
Acq: 30 Jun 2025 12:34

Tgt Ion: 91 Resp: 963920
Ion Ratio Lower Upper
91 100
126 32.0 16.0 47.9





#83

tert-Butylbenzene

Concen: 105.234 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

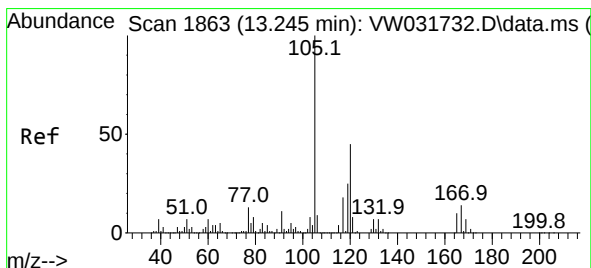
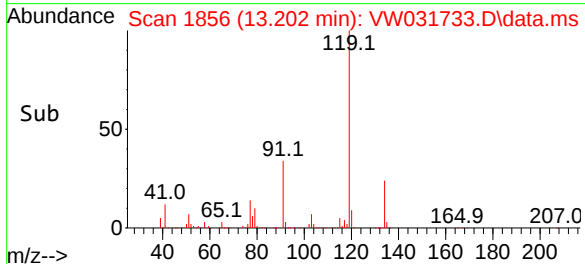
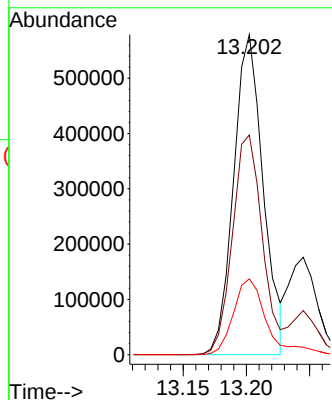
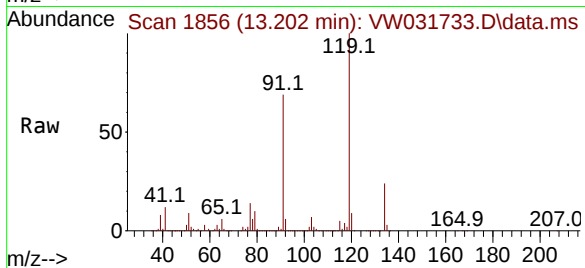
Tgt Ion:119 Resp: 942890

Ion Ratio Lower Upper

119 100

91 69.1 36.0 108.1

134 26.6 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 103.202 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031733.D

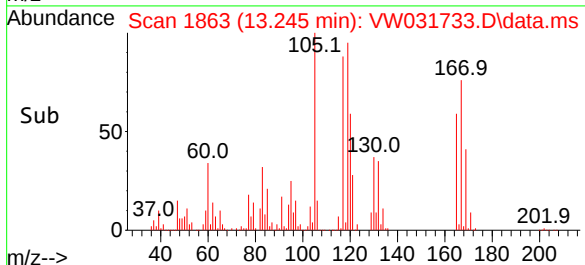
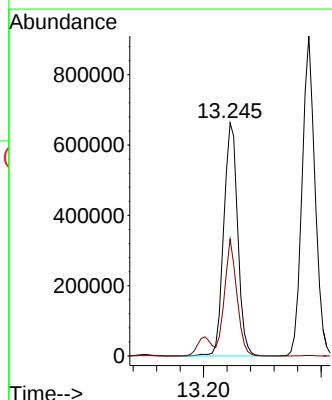
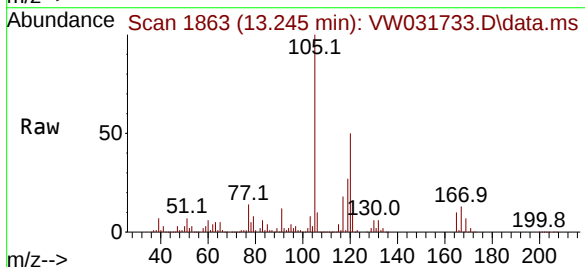
Acq: 30 Jun 2025 12:34

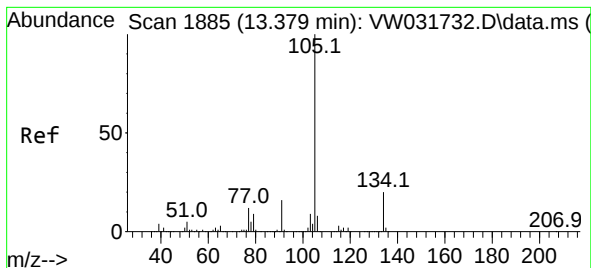
Tgt Ion:105 Resp: 1093757

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 103.396 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

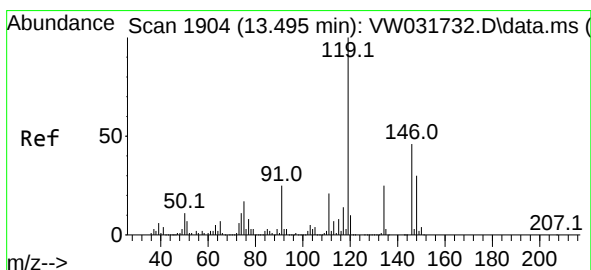
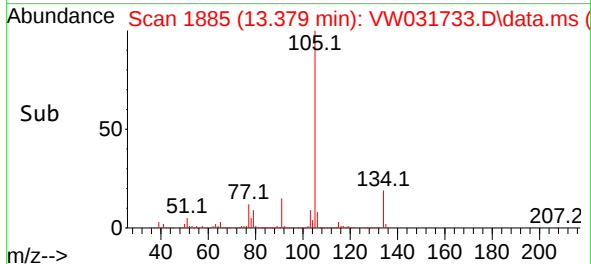
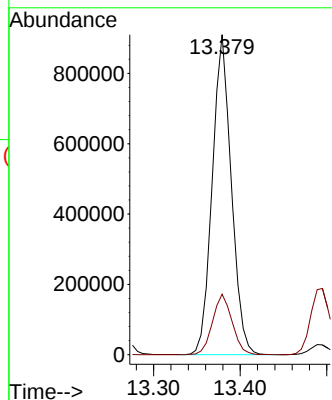
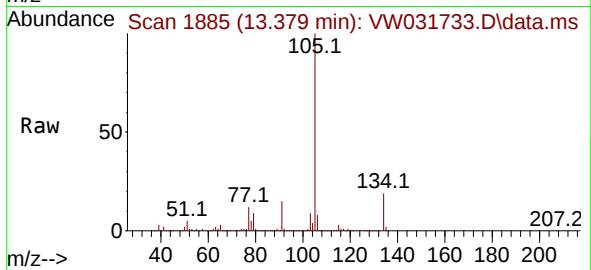
VSTDICC100

Tgt Ion:105 Resp: 1390528

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.8



#86

p-Isopropyltoluene

Concen: 105.431 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

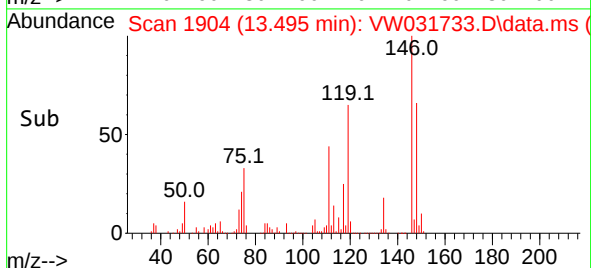
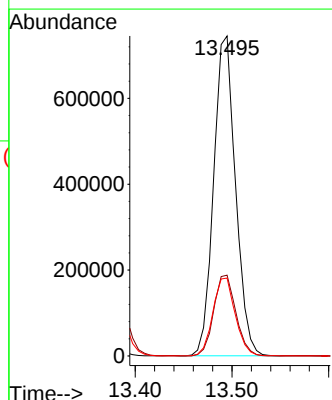
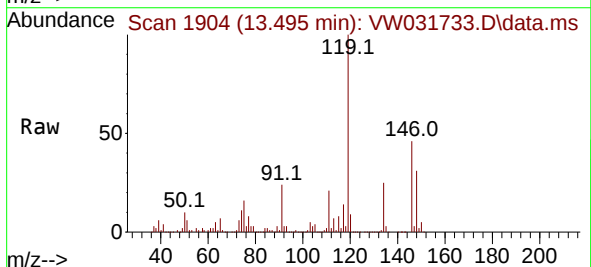
Tgt Ion:119 Resp: 1168552

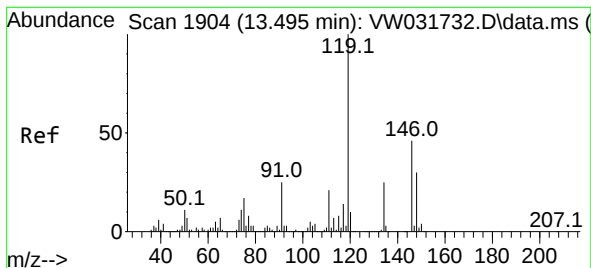
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 25.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 98.818 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

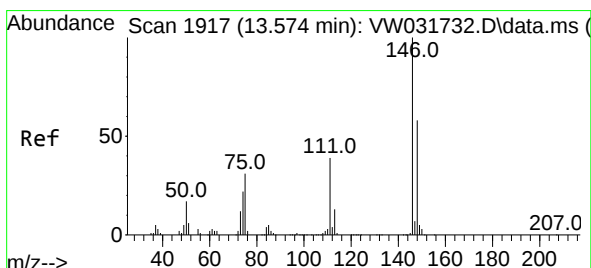
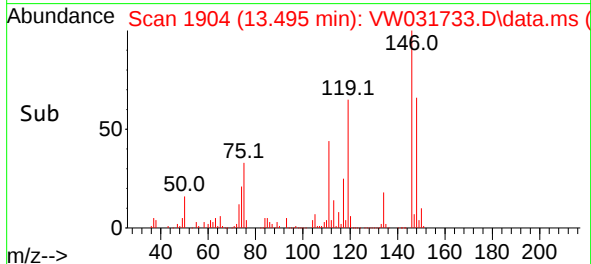
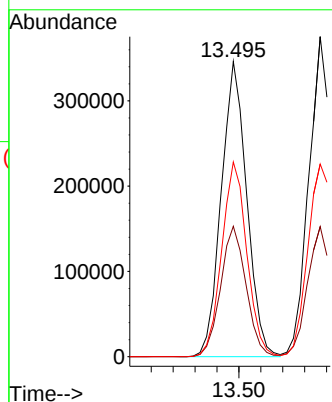
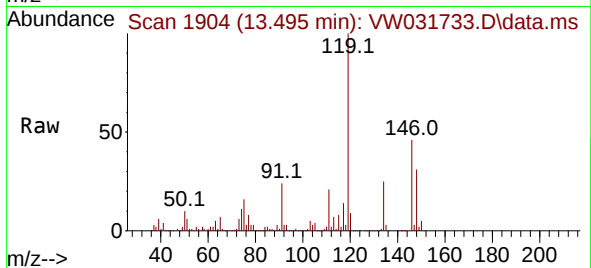
Tgt Ion:146 Resp: 558538

Ion Ratio Lower Upper

146 100

111 44.2 22.3 66.9

148 65.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 99.669 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

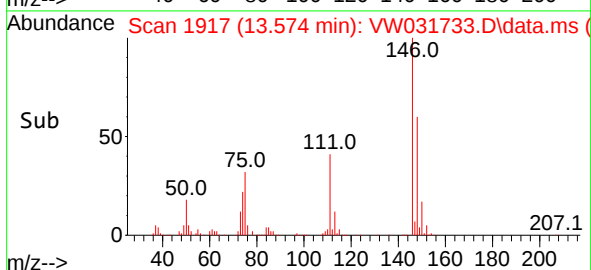
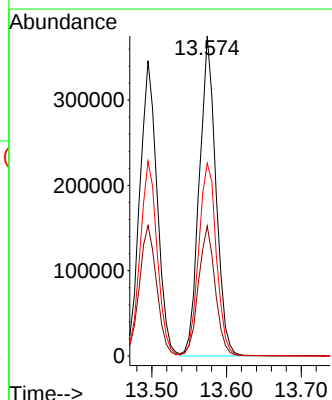
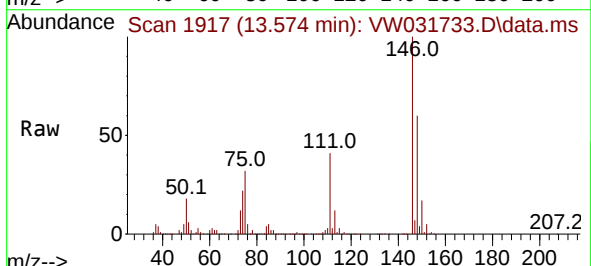
Tgt Ion:146 Resp: 576612

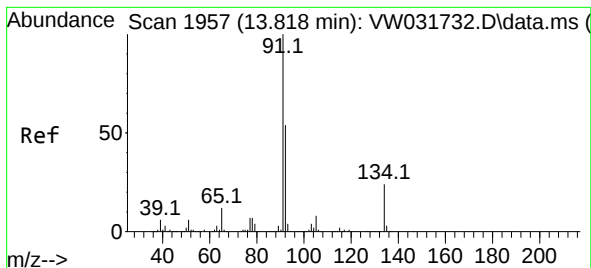
Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

148 64.2 30.2 90.6





#89

n-Butylbenzene

Concen: 104.566 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

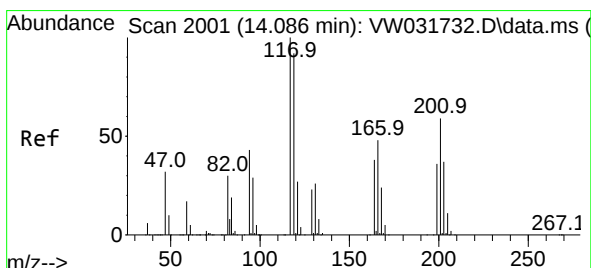
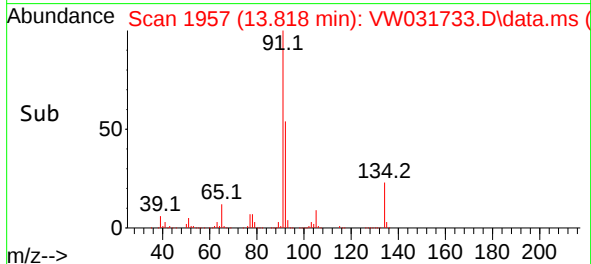
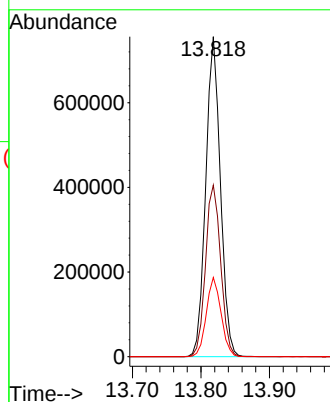
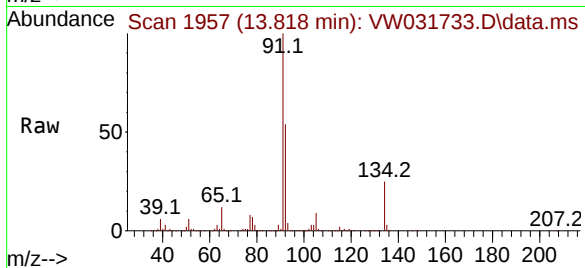
MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1126053

Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.2	81.5
134	24.9	12.2	36.6



#90

Hexachloroethane

Concen: 105.958 ug/l

RT: 14.092 min Scan# 2002

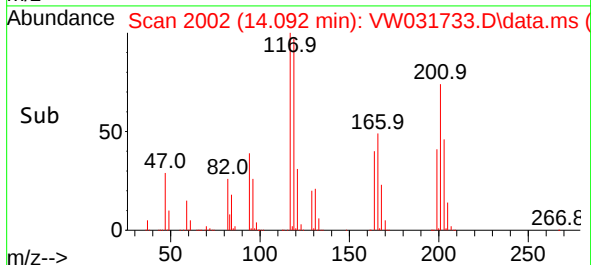
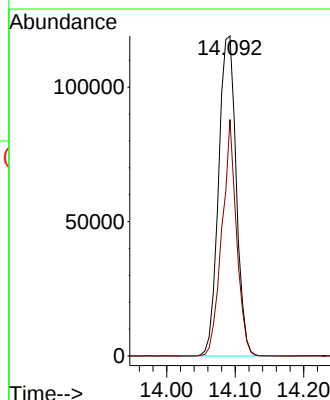
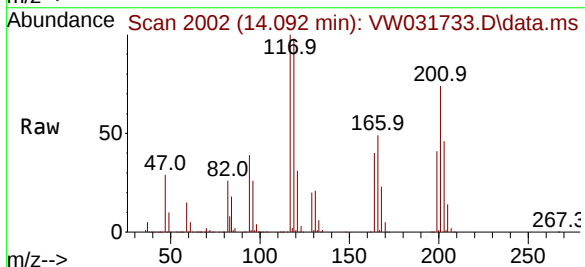
Delta R.T. 0.006 min

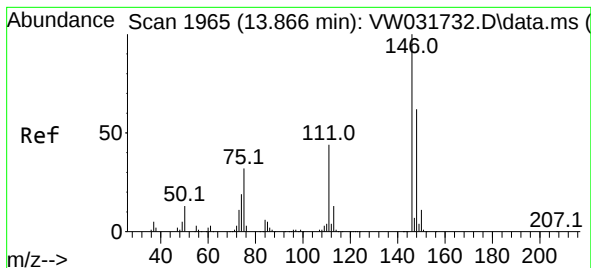
Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Tgt Ion: 117 Resp: 211871

Ion	Ratio	Lower	Upper
117	100		
201	61.1	31.1	93.3





#91

1,2-Dichlorobenzene

Concen: 100.530 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

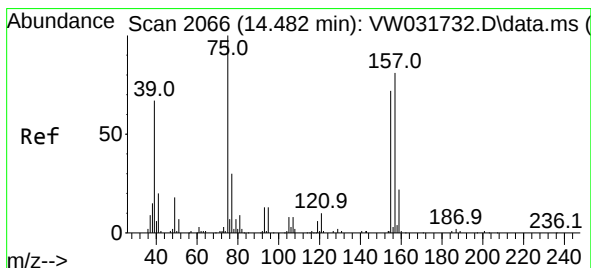
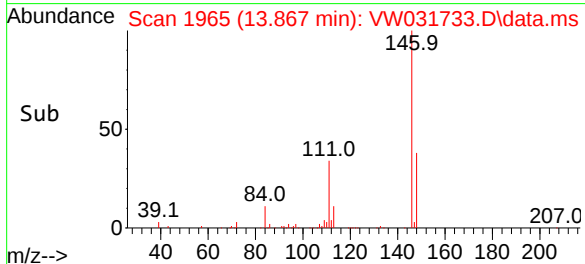
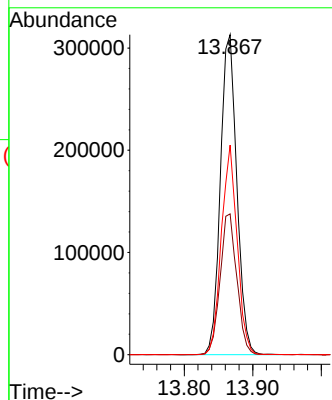
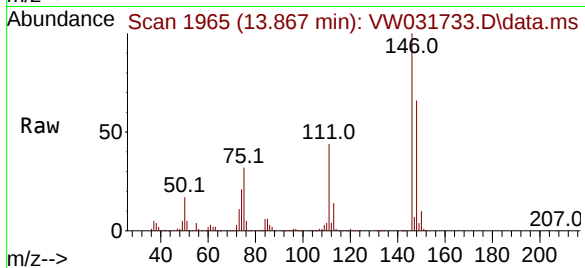
Tgt Ion:146 Resp: 519347

Ion Ratio Lower Upper

146 100

111 44.8 21.7 65.1

148 63.1 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.247 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

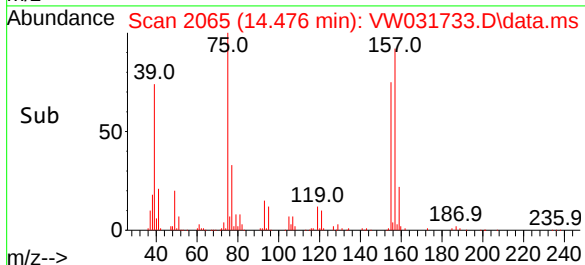
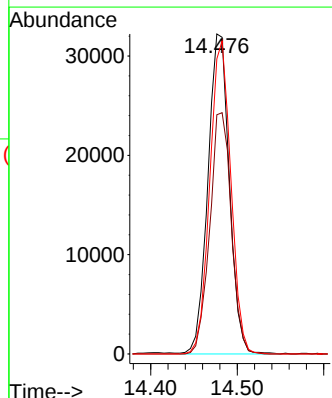
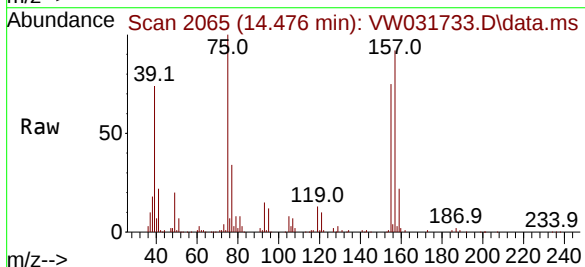
Tgt Ion: 75 Resp: 55462

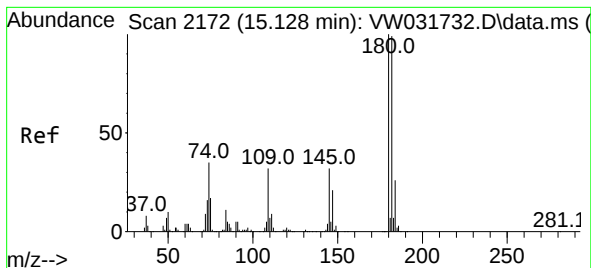
Ion Ratio Lower Upper

75 100

155 75.4 37.2 111.6

157 95.9 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 104.240 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

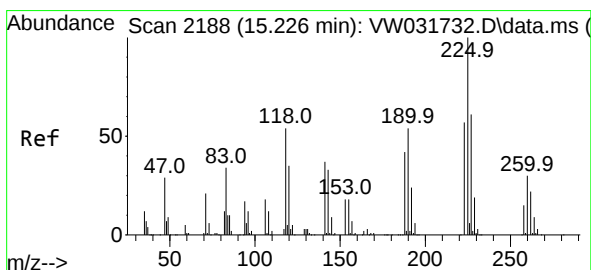
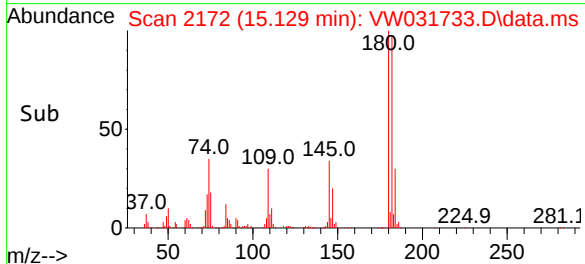
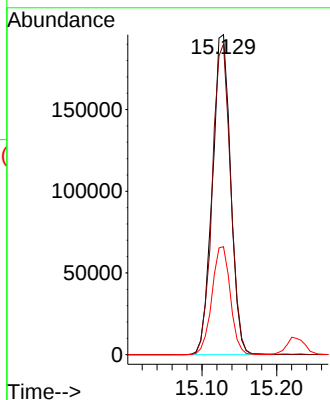
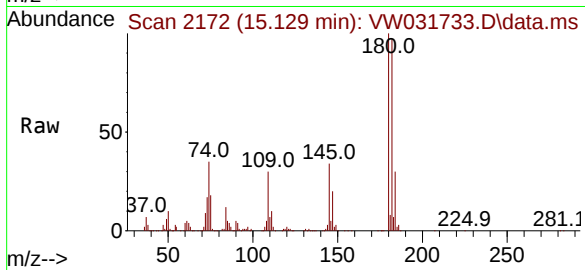
Tgt Ion:180 Resp: 332108

Ion Ratio Lower Upper

180 100

182 97.7 48.6 145.9

145 34.2 17.3 51.7



#94

Hexachlorobutadiene

Concen: 106.542 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

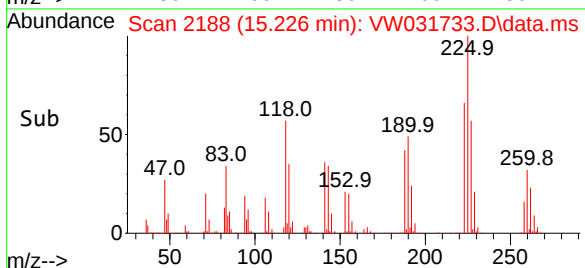
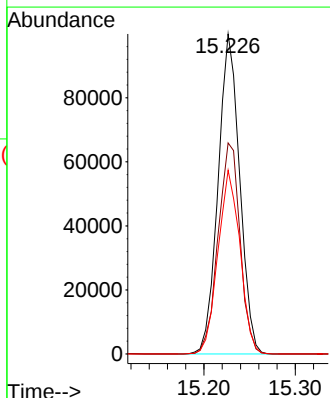
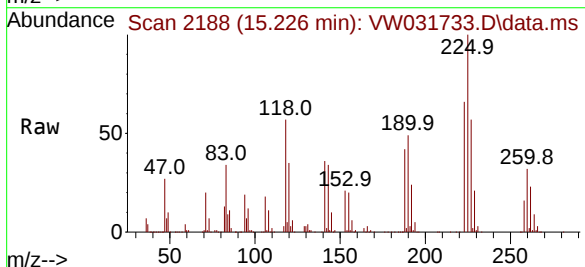
Tgt Ion:225 Resp: 163909

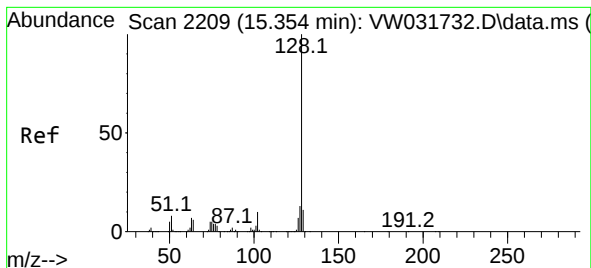
Ion Ratio Lower Upper

225 100

223 67.1 32.6 97.8

227 58.6 37.3 111.8





#95

Naphthalene

Concen: 111.042 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

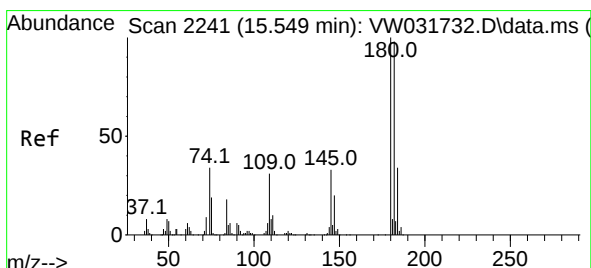
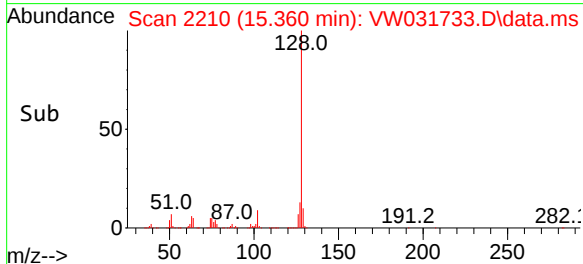
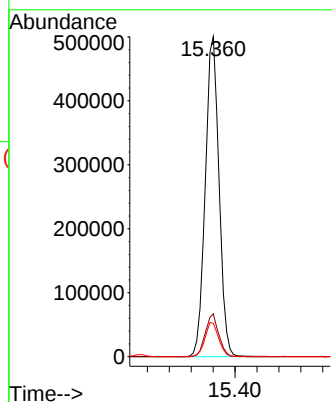
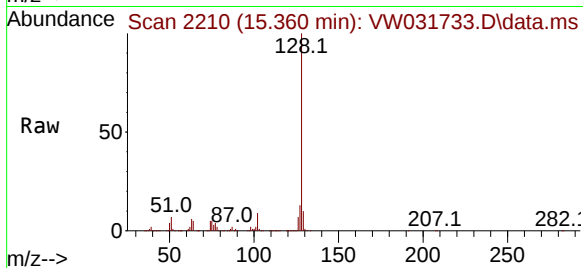
Tgt Ion:128 Resp: 867343

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 107.170 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031733.D

Acq: 30 Jun 2025 12:34

Tgt Ion:180 Resp: 313738

Ion Ratio Lower Upper

180 100

182 91.1 46.4 139.1

145 35.4 17.8 53.3

