

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071625\
 Data File : VW031864.D
 Acq On : 16 Jul 2025 09:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 17 03:56:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	223578	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	416969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	361888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164563	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	157932	49.222	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.440%
35) Dibromofluoromethane	7.898	113	134811	49.546	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.100%
50) Toluene-d8	10.325	98	501832	49.561	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.617	95	193715	51.987	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.980%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.052	85	83789	55.028	ug/l	99
3) Chloromethane	2.259	50	105237	57.328	ug/l	98
4) Vinyl Chloride	2.412	62	139121	57.659	ug/l	99
5) Bromomethane	2.832	94	99221	52.648	ug/l	98
6) Chloroethane	2.972	64	87263	53.243	ug/l	95
7) Trichlorofluoromethane	3.308	101	125448	57.250	ug/l	98
8) Diethyl Ether	3.722	74	90681	54.461	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	131629	54.120	ug/l	98
10) Methyl Iodide	4.308	142	191507	51.075	ug/l	100
11) Tert butyl alcohol	5.222	59	51288	258.011	ug/l	96
12) 1,1-Dichloroethene	4.082	96	149811	56.234	ug/l	95
13) Acrolein	3.930	56	88281	247.094	ug/l	99
14) Allyl chloride	4.704	41	222643	54.469	ug/l	97
15) Acrylonitrile	5.405	53	219501	268.073	ug/l	100
16) Acetone	4.161	43	180875	228.070	ug/l	100
17) Carbon Disulfide	4.423	76	386108	54.161	ug/l	97
18) Methyl Acetate	4.710	43	118004	52.063	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	258097	57.079	ug/l	99
20) Methylene Chloride	4.954	84	169434	54.067	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	157091	55.495	ug/l	92
22) Diisopropyl ether	6.344	45	468704	58.795	ug/l	98
23) Vinyl Acetate	6.283	43	1588205	291.675	ug/l	99
24) 1,1-Dichloroethane	6.246	63	290105	56.131	ug/l	99
25) 2-Butanone	7.191	43	286251	277.440	ug/l	97
26) 2,2-Dichloropropane	7.185	77	152005	50.408	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	189732	58.309	ug/l	98
28) Bromochloromethane	7.533	49	122663	53.782	ug/l	98
29) Tetrahydrofuran	7.551	42	195430	276.587	ug/l	100
30) Chloroform	7.691	83	307242	55.945	ug/l	98
31) Cyclohexane	7.972	56	247047	54.075	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	224259	52.988	ug/l	99
36) 1,1-Dichloropropene	8.093	75	216954	55.103	ug/l	100
37) Ethyl Acetate	7.277	43	133030	53.561	ug/l	99
38) Carbon Tetrachloride	8.081	117	208179	51.887	ug/l	99
39) Methylcyclohexane	9.343	83	273751	55.883	ug/l	98
40) Benzene	8.337	78	642068	55.119	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	71864	54.012	ug/l	94
42) 1,2-Dichloroethane	8.410	62	209767	53.294	ug/l	99
43) Isopropyl Acetate	8.435	43	236620	55.267	ug/l	99
44) Trichloroethene	9.105	130	154538	53.152	ug/l	93
45) 1,2-Dichloropropane	9.374	63	151352	53.759	ug/l	100
46) Dibromomethane	9.465	93	96379	53.025	ug/l	97
47) Bromodichloromethane	9.648	83	234534	55.026	ug/l	98
48) Methyl methacrylate	9.441	41	115185	54.715	ug/l	98
49) 1,4-Dioxane	9.465	88	21519	1010.847	ug/l #	92
51) 4-Methyl-2-Pentanone	10.215	43	659201	267.814	ug/l	98
52) Toluene	10.392	92	412936	55.366	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	224154	56.051	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	256890	56.665	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	128872	54.127	ug/l	99
56) Ethyl methacrylate	10.648	69	194794	60.305	ug/l	97
57) 1,3-Dichloropropane	10.934	76	229341	54.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	467655	262.925	ug/l	99
59) 2-Hexanone	10.971	43	463410	277.831	ug/l	99
60) Dibromochloromethane	11.129	129	149884	52.643	ug/l	97
61) 1,2-Dibromoethane	11.233	107	129114	54.170	ug/l	100
64) Tetrachloroethene	10.861	164	121057	51.140	ug/l	94
65) Chlorobenzene	11.660	112	442844	55.463	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	141426	55.583	ug/l	97
67) Ethyl Benzene	11.733	91	781105	56.416	ug/l	97
68) m/p-Xylenes	11.837	106	595563	111.898	ug/l	96
69) o-Xylene	12.166	106	283223	57.473	ug/l	99
70) Styrene	12.178	104	478546	56.172	ug/l	97
71) Bromoform	12.349	173	82513	54.361	ug/l	99
73) Isopropylbenzene	12.459	105	735716	58.775	ug/l	98
74) N-amyl acetate	12.270	43	212097	62.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	158147	56.908	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	206745	97.218	ug/l	41
77) Bromobenzene	12.745	156	164690	58.990	ug/l	89
78) n-propylbenzene	12.800	91	894476	59.674	ug/l	98
79) 2-Chlorotoluene	12.891	91	541235	59.962	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	619871	59.825	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	53496	58.591	ug/l	98
82) 4-Chlorotoluene	12.983	91	548286	57.857	ug/l	99
83) tert-Butylbenzene	13.202	119	536152	60.408	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	613184	58.408	ug/l	99
85) sec-Butylbenzene	13.379	105	786363	59.028	ug/l	99
86) p-Isopropyltoluene	13.489	119	670953	61.112	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	320309	57.209	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	319000	55.665	ug/l	97
89) n-Butylbenzene	13.818	91	646721	60.626	ug/l	99
90) Hexachloroethane	14.092	117	111020	56.050	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	288040	56.287	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	29200	53.813	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	181198	57.414	ug/l	96
94) Hexachlorobutadiene	15.226	225	86713	56.900	ug/l	89
95) Naphthalene	15.360	128	461458	59.641	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	152153	52.469	ug/l	89

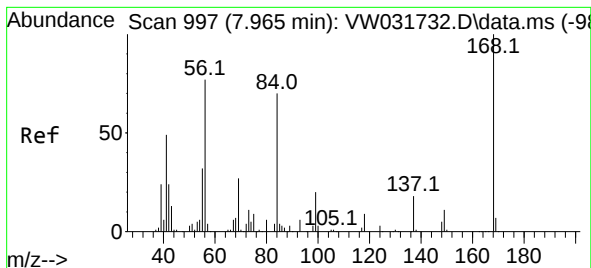
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

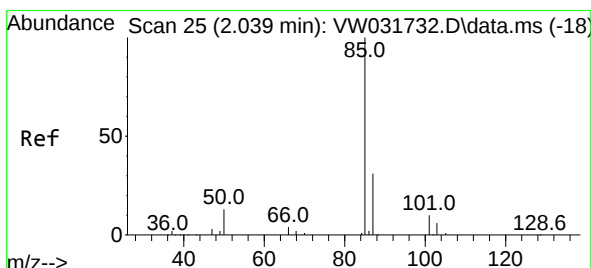
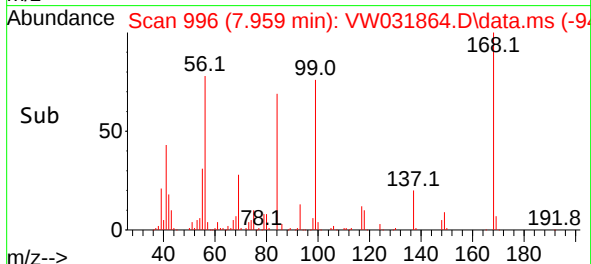
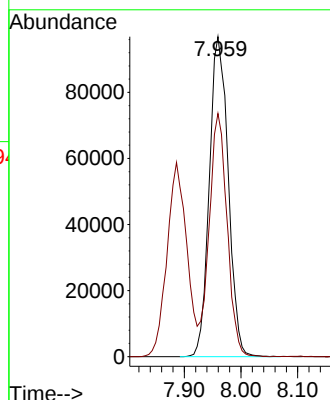
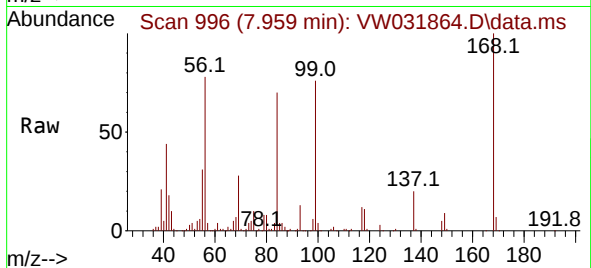
VSTDCCC050

Tgt Ion:168 Resp: 223578

Ion Ratio Lower Upper

168 100

99 75.9 49.4 74.2#



#2

Dichlorodifluoromethane

Concen: 55.028 ug/l

RT: 2.052 min Scan# 27

Delta R.T. 0.013 min

Lab File: VW031864.D

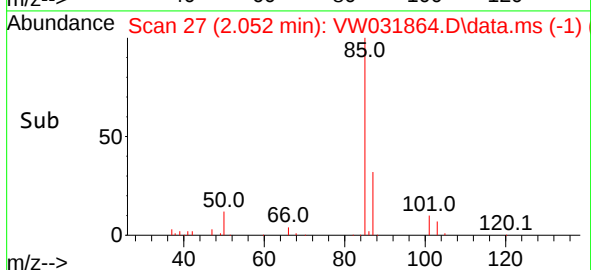
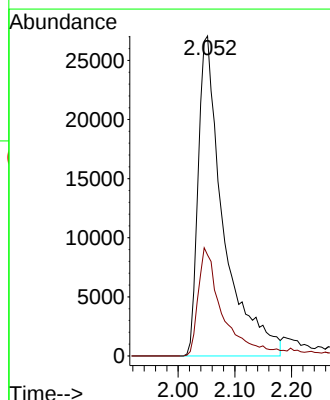
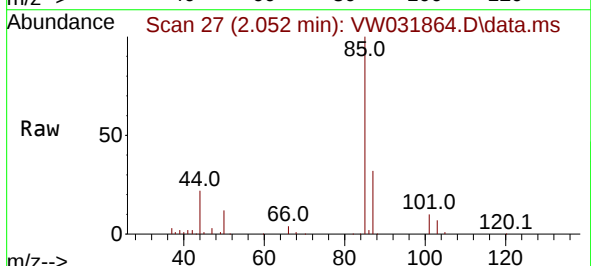
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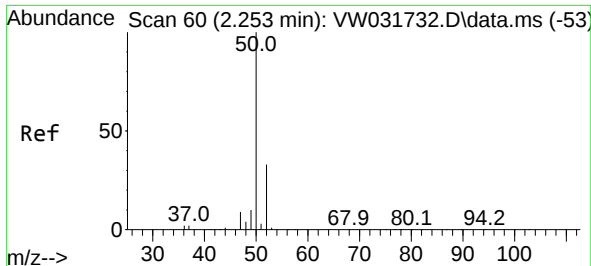
Tgt Ion: 85 Resp: 83789

Ion Ratio Lower Upper

85 100

87 31.5 15.4 46.2

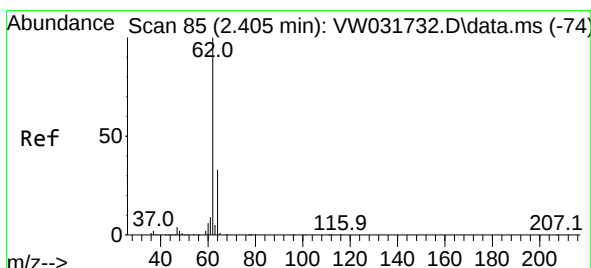
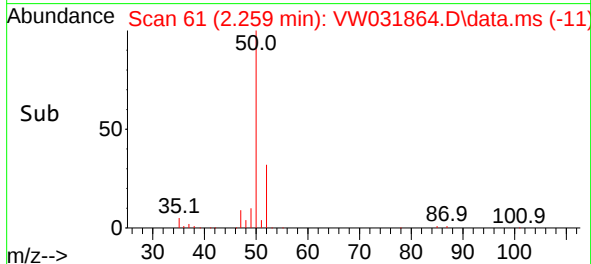
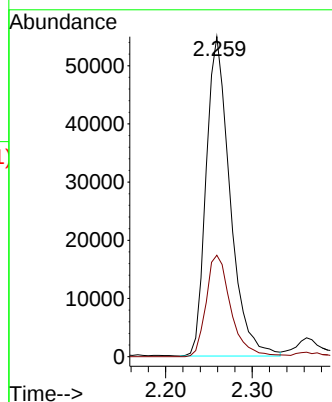
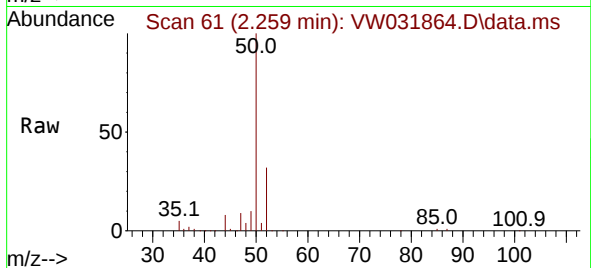




#3
Chloromethane
Concen: 57.328 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

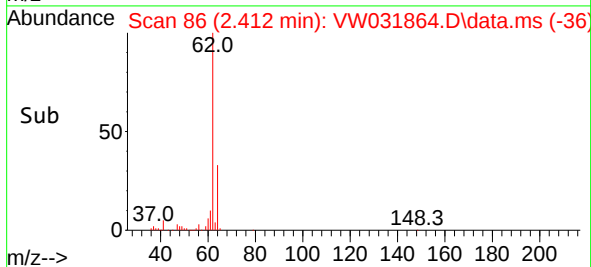
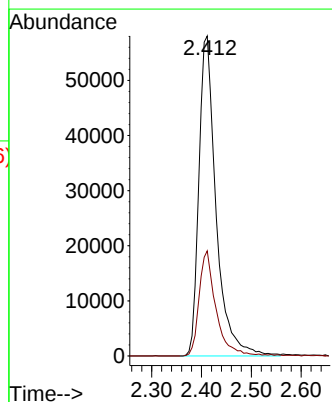
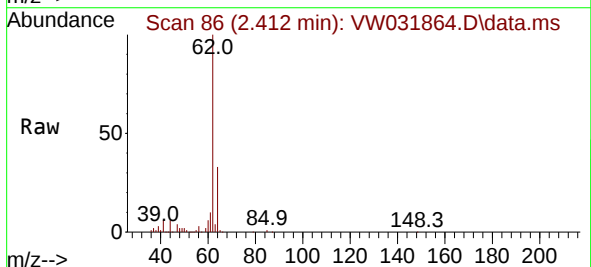
Instrument :
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ClientSampleId :
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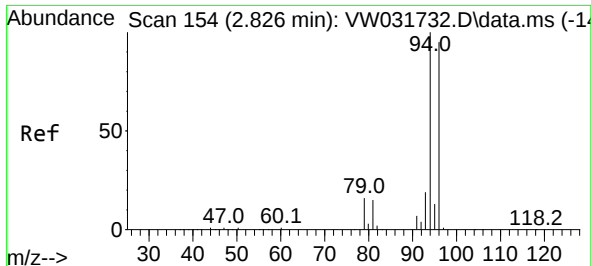
Tgt Ion: 50 Resp: 105237
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 57.659 ug/l
RT: 2.412 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 62 Resp: 139121
Ion Ratio Lower Upper
62 100
64 32.9 26.8 40.2

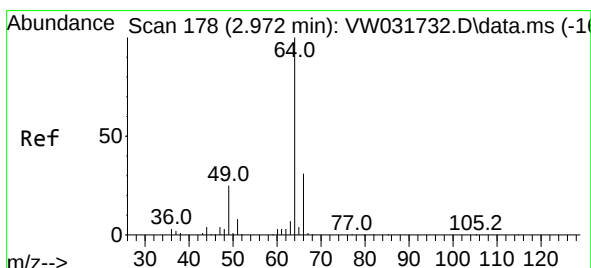
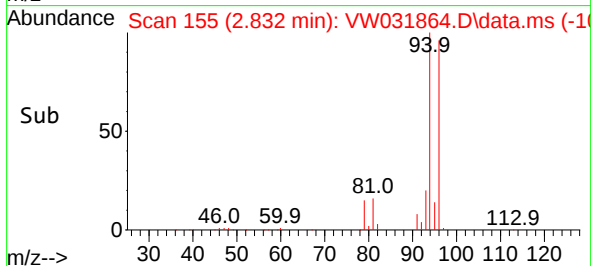
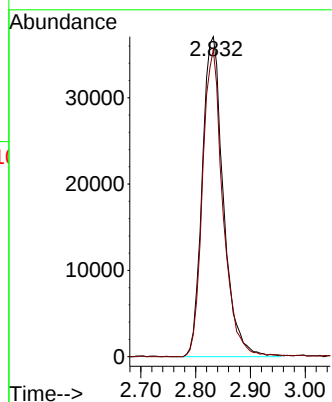
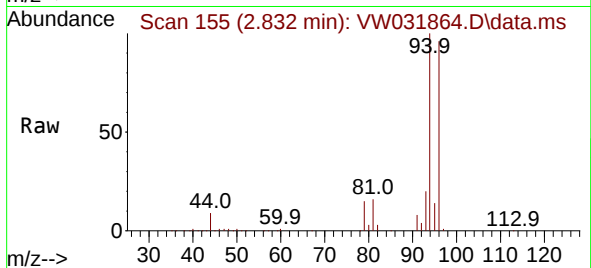




#5
Bromomethane
Concen: 52.648 ug/l
RT: 2.832 min Scan# 154
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

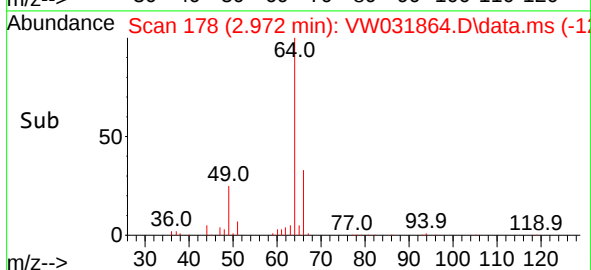
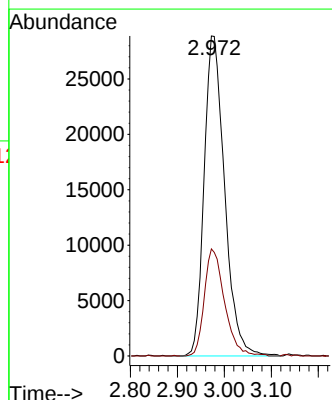
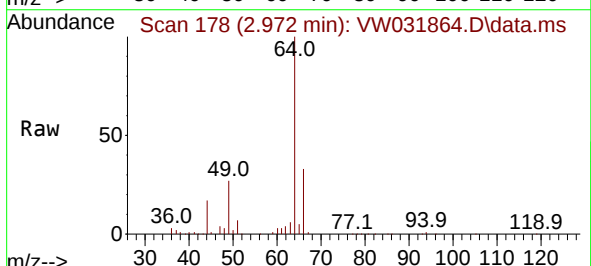
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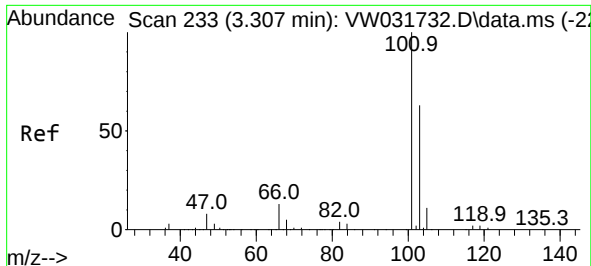
Tgt Ion: 94 Resp: 99221
Ion Ratio Lower Upper
94 100
96 96.0 75.6 113.4



#6
Chloroethane
Concen: 53.243 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 64 Resp: 87263
Ion Ratio Lower Upper
64 100
66 33.5 24.5 36.7

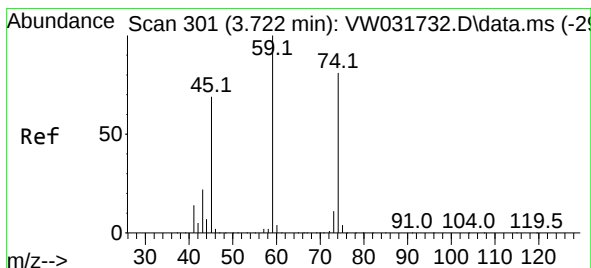
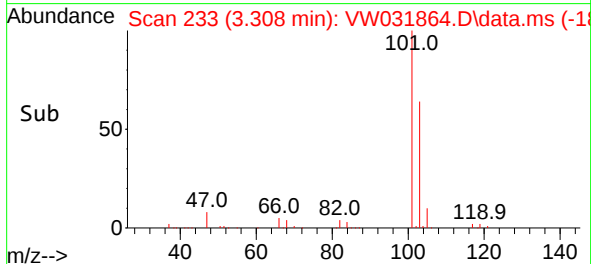
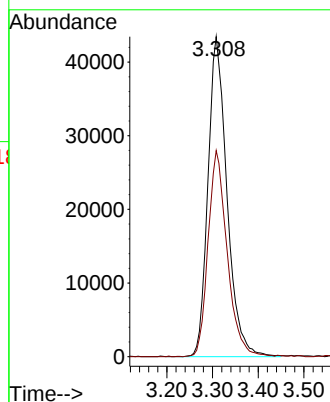
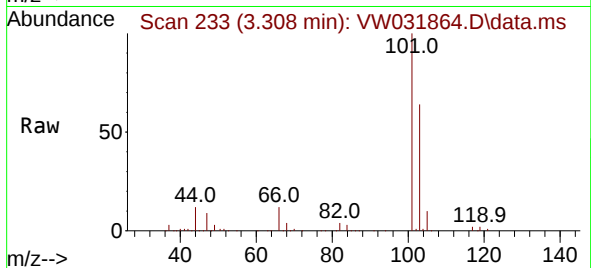




#7
 Trichlorofluoromethane
 Concen: 57.250 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031864.D
 Acq: 16 Jul 2025 09:22

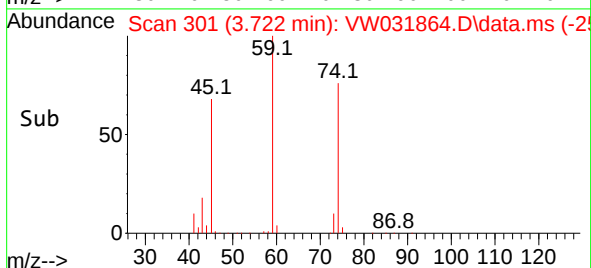
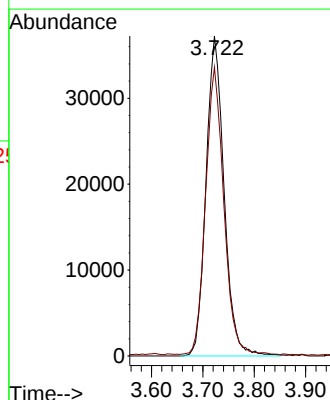
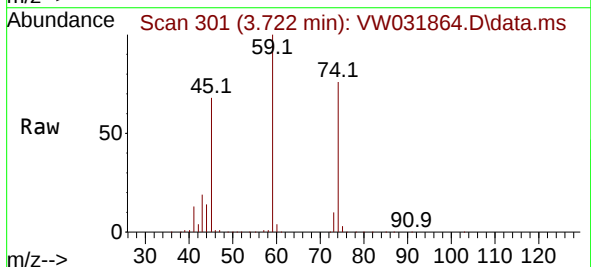
Instrument :
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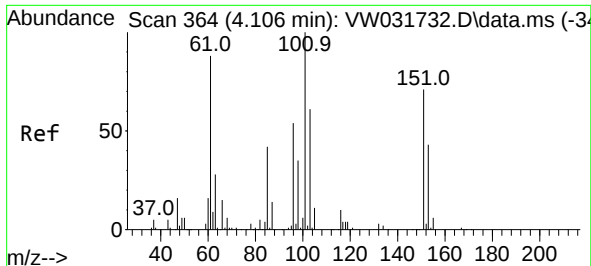
Tgt Ion:101 Resp: 125448
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.2 75.4



#8
 Diethyl Ether
 Concen: 54.461 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031864.D
 Acq: 16 Jul 2025 09:22

Tgt Ion: 74 Resp: 90681
 Ion Ratio Lower Upper
 74 100
 45 90.8 43.9 131.7

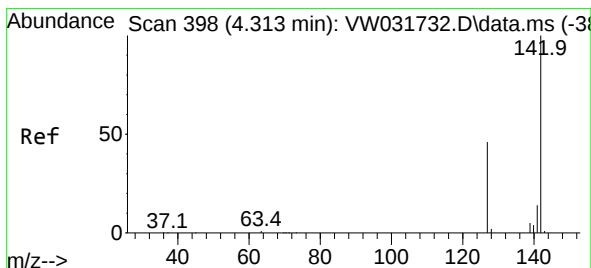
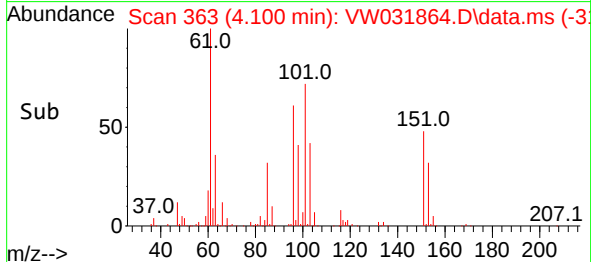
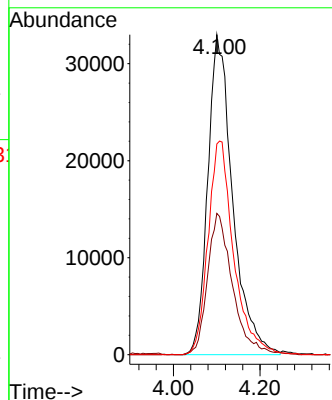
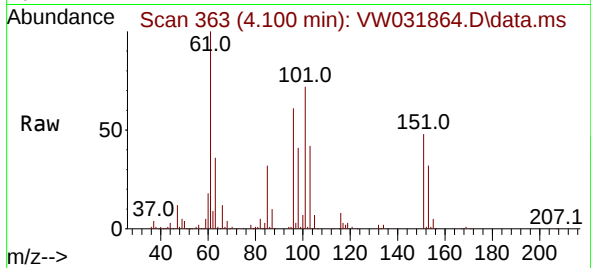




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.120 ug/l
RT: 4.100 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW031864.D
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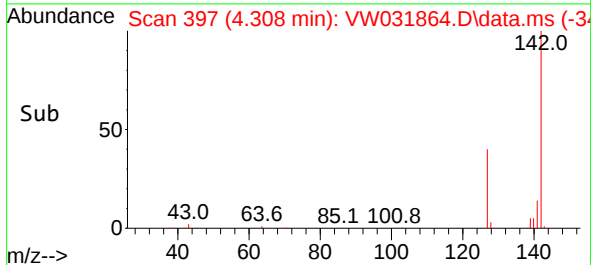
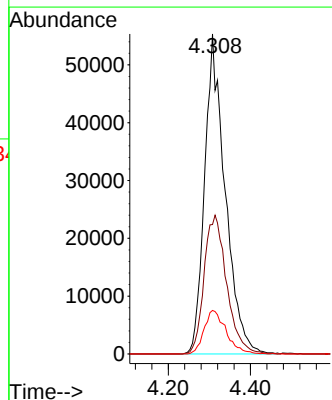
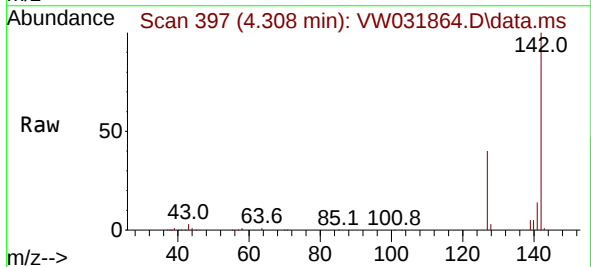
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

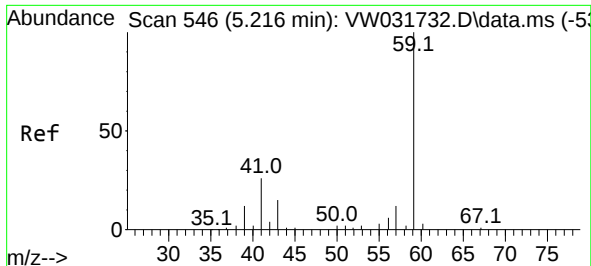
Tgt Ion:101 Resp: 131629
Ion Ratio Lower Upper
101 100
85 44.3 35.6 53.4
151 68.8 56.8 85.2



#10
Methyl Iodide
Concen: 51.075 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion:142 Resp: 191507
Ion Ratio Lower Upper
142 100
127 47.6 37.9 56.9
141 14.7 11.7 17.5

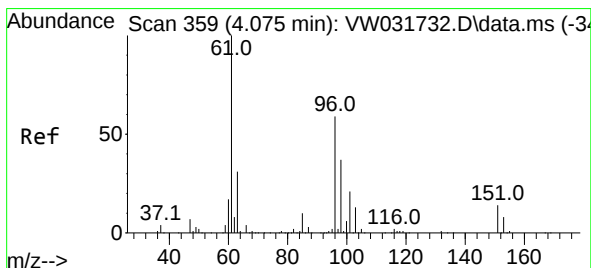
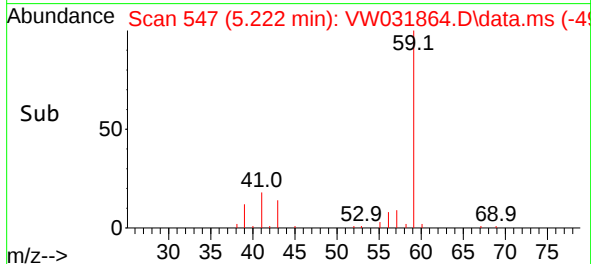
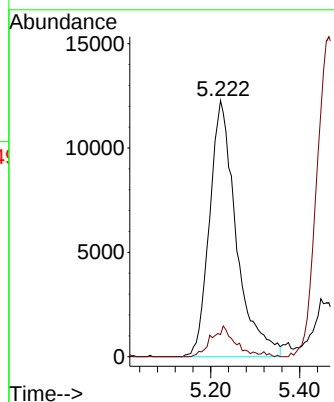
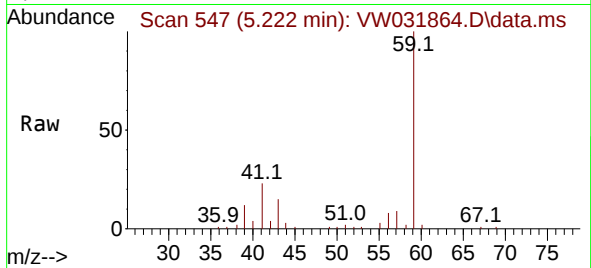




#11
Tert butyl alcohol
Concen: 258.011 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

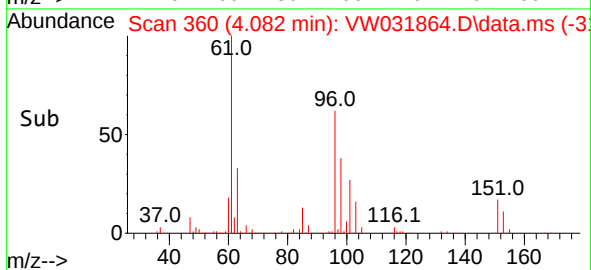
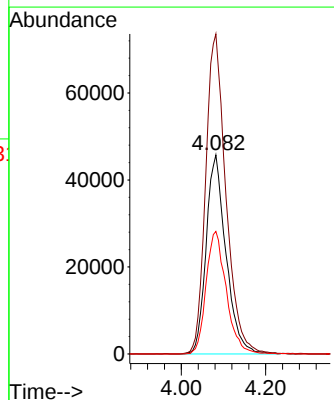
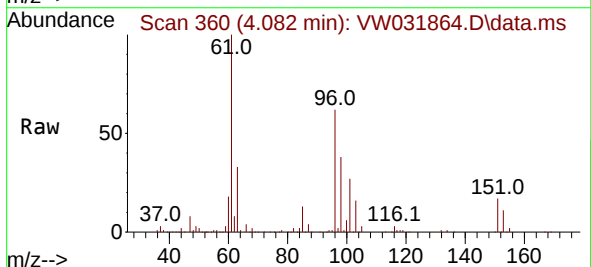
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

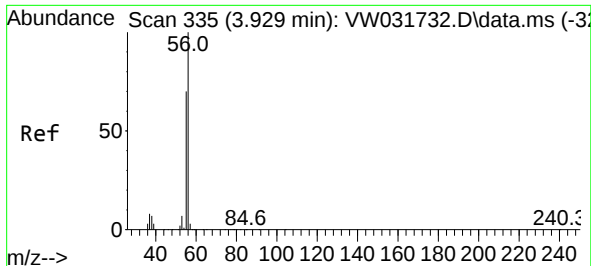
Tgt Ion: 59 Resp: 51288
Ion Ratio Lower Upper
59 100
57 10.5 9.5 14.3



#12
1,1-Dichloroethene
Concen: 56.234 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 96 Resp: 149811
Ion Ratio Lower Upper
96 100
61 160.7 135.8 203.8
98 61.6 50.4 75.6

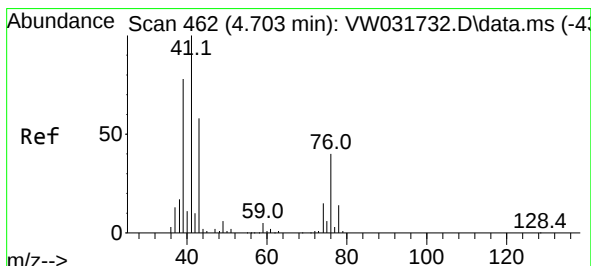
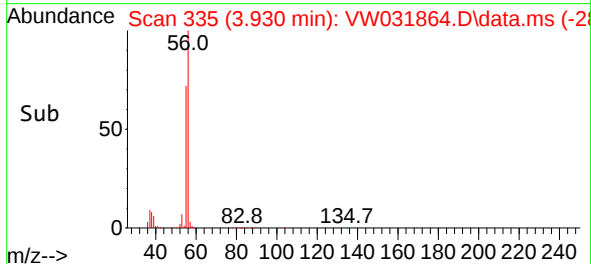
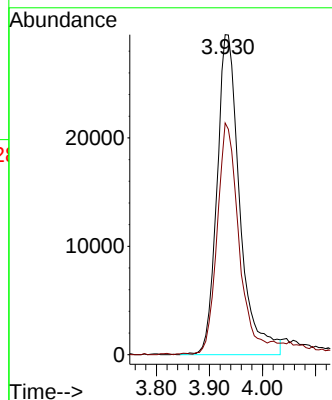
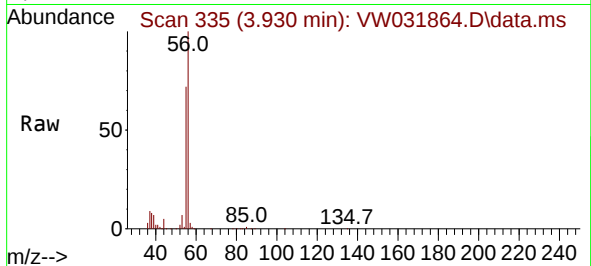




#13
Acrolein
Concen: 247.094 ug/l
RT: 3.930 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

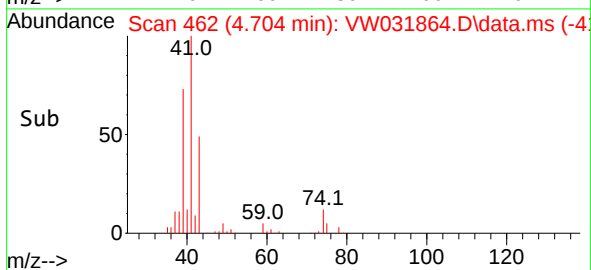
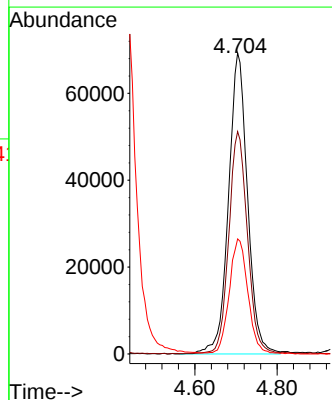
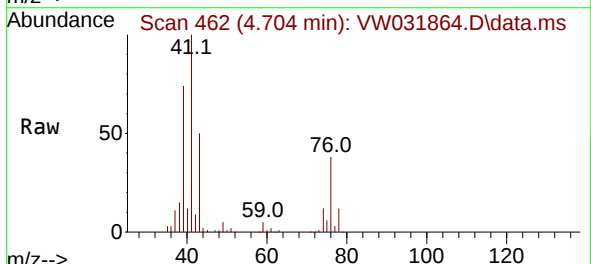
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

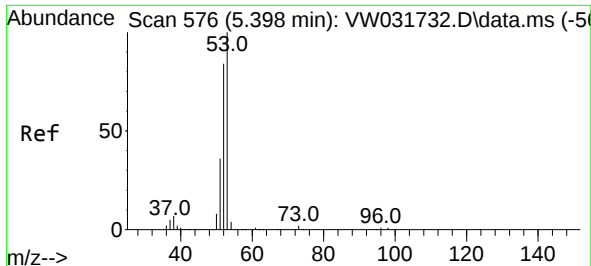
Tgt Ion: 56 Resp: 88281
Ion Ratio Lower Upper
56 100
55 68.3 54.0 81.0



#14
Allyl chloride
Concen: 54.469 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 41 Resp: 222643
Ion Ratio Lower Upper
41 100
39 72.0 60.7 91.1
76 37.3 30.3 45.5

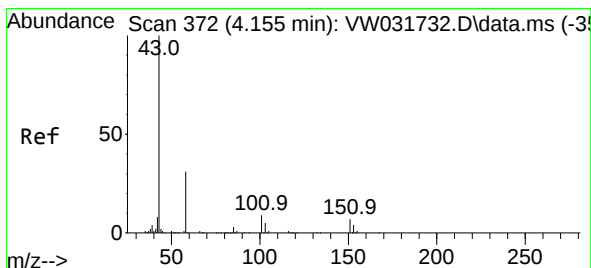
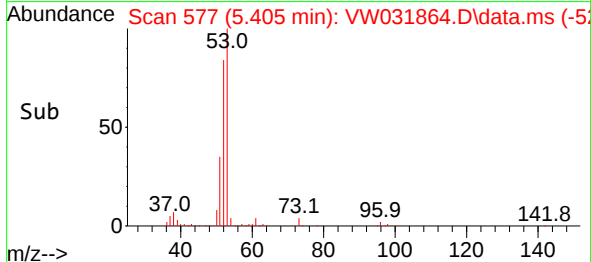
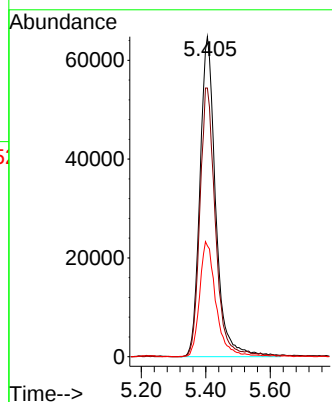
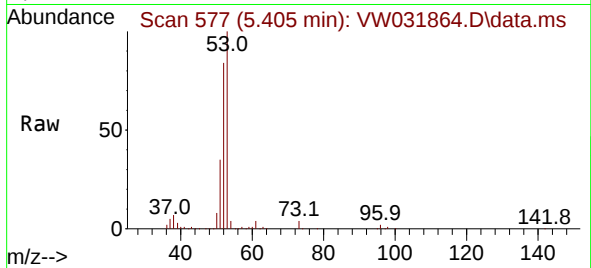




#15
Acrylonitrile
Concen: 268.073 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

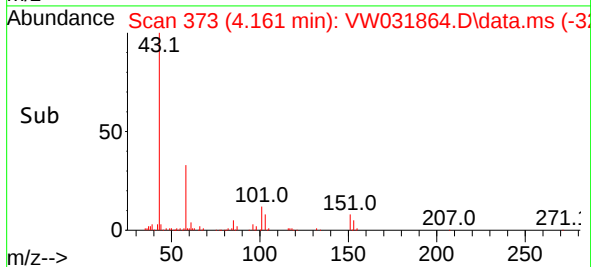
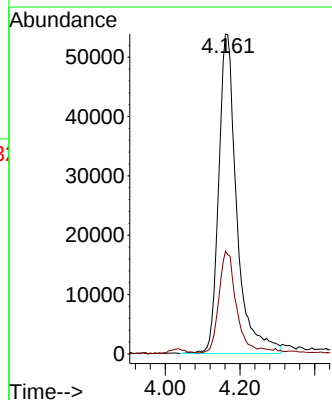
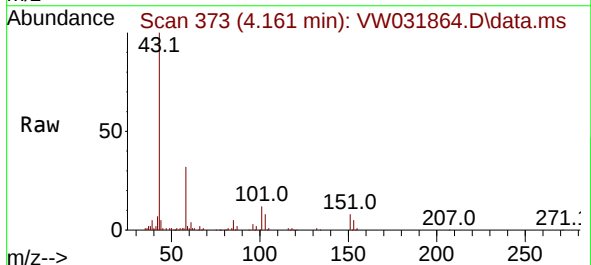
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

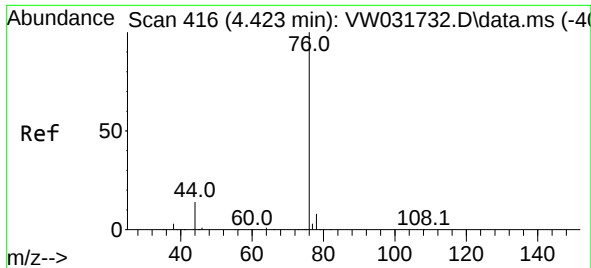
Tgt Ion: 53 Resp: 219501
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 37.6 29.9 44.9



#16
Acetone
Concen: 228.070 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 43 Resp: 180875
Ion Ratio Lower Upper
43 100
58 31.1 24.8 37.2

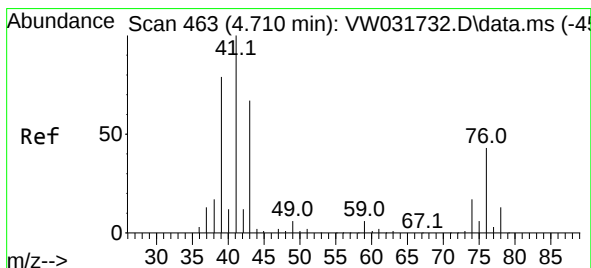
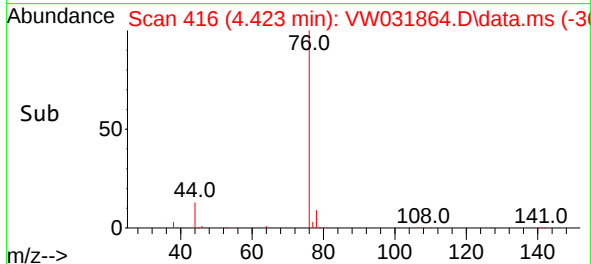
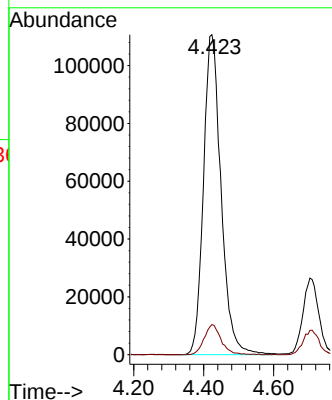
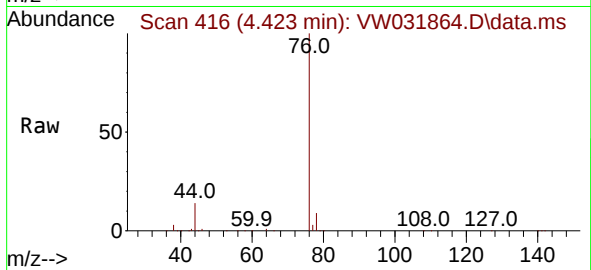




#17
Carbon Disulfide
Concen: 54.161 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

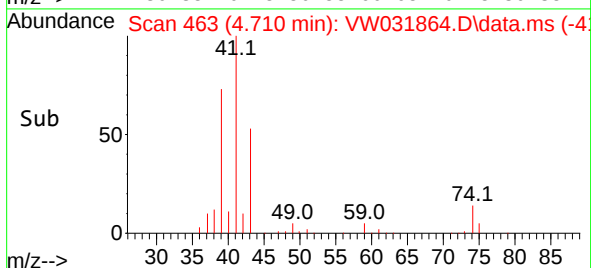
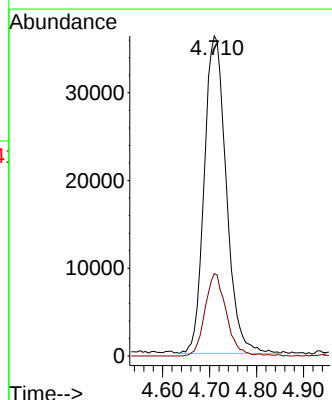
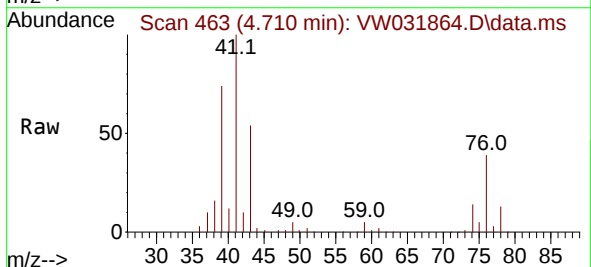
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

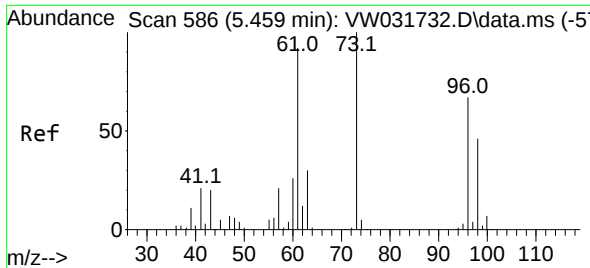
Tgt Ion: 76 Resp: 386108
Ion Ratio Lower Upper
76 100
78 9.4 6.6 10.0



#18
Methyl Acetate
Concen: 52.063 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 43 Resp: 118004
Ion Ratio Lower Upper
43 100
74 24.9 20.6 30.8

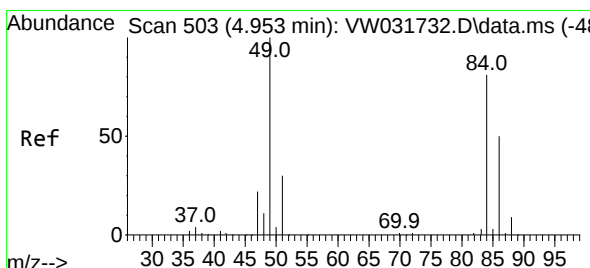
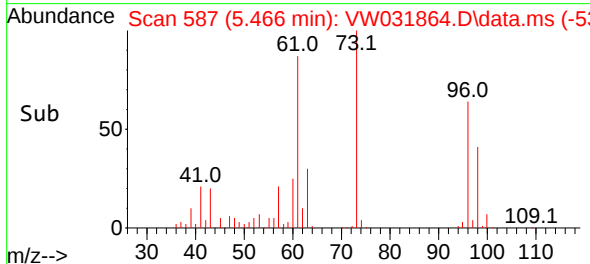
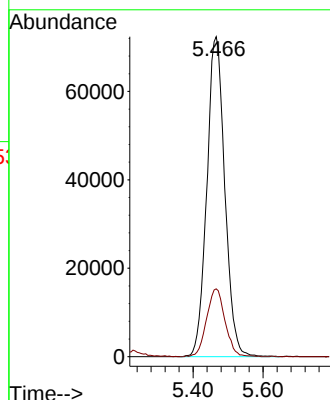
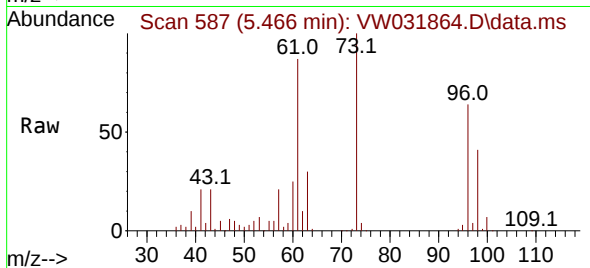




#19
Methyl tert-butyl Ether
Concen: 57.079 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

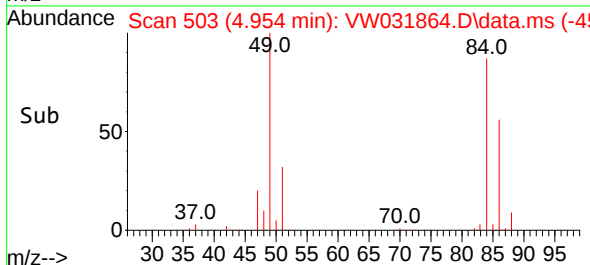
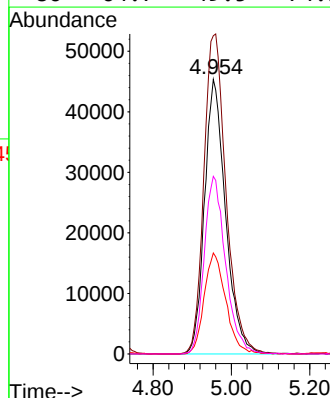
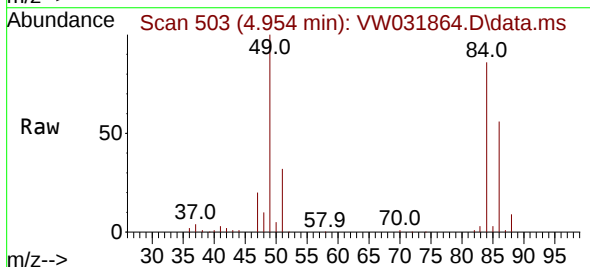
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

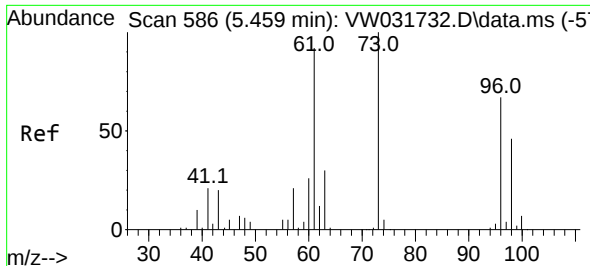
Tgt Ion: 73 Resp: 258097
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8



#20
Methylene Chloride
Concen: 54.067 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 84 Resp: 169434
Ion Ratio Lower Upper
84 100
49 115.9 98.2 147.4
51 36.8 29.8 44.8
86 64.7 49.5 74.3

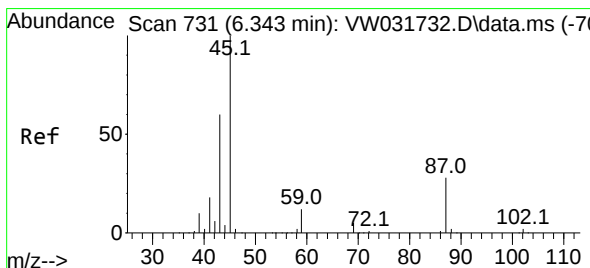
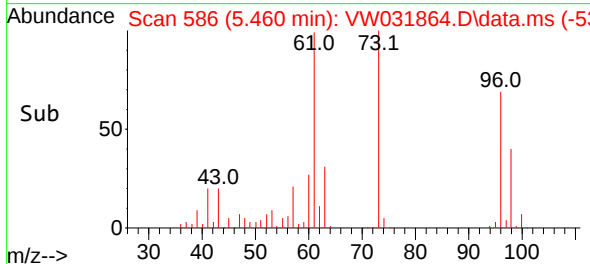
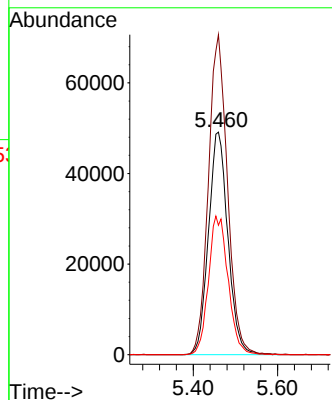
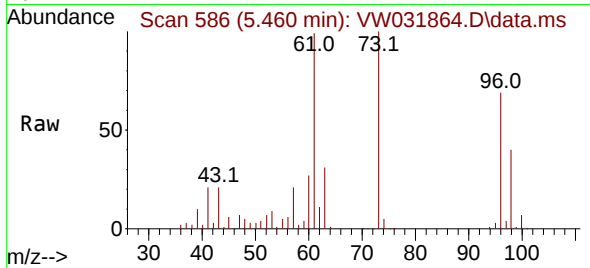




#21
trans-1,2-Dichloroethene
Concen: 55.495 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

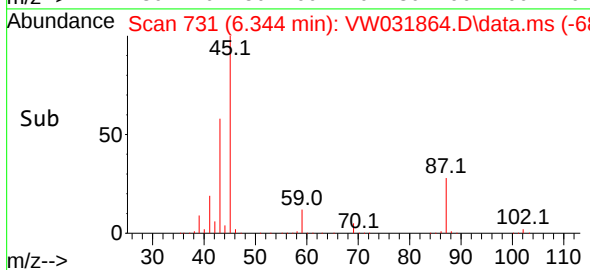
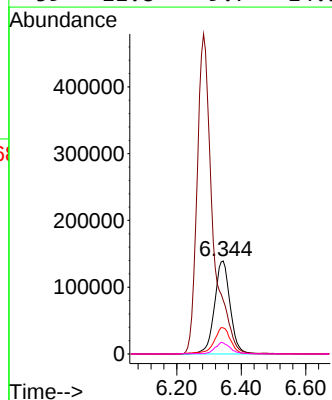
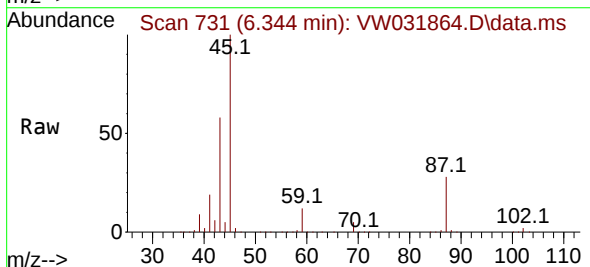
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 157091
Ion Ratio Lower Upper
96 100
61 143.8 109.8 164.6
98 58.2 54.9 82.3



#22
Diisopropyl ether
Concen: 58.795 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 45 Resp: 468704
Ion Ratio Lower Upper
45 100
43 57.6 48.3 72.5
87 28.1 22.6 34.0
59 11.8 9.7 14.5

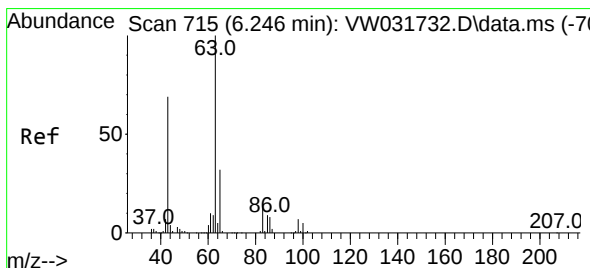
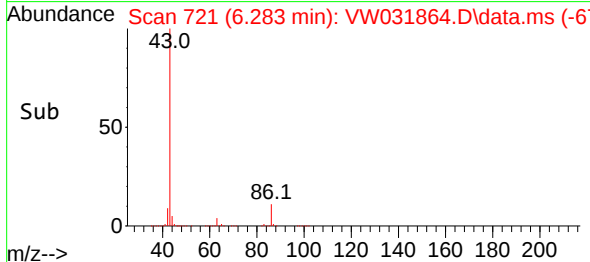
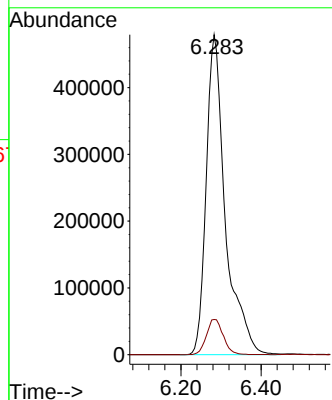
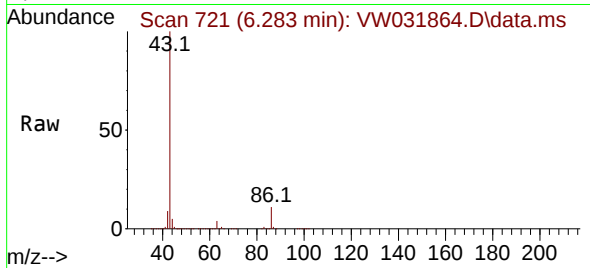




#23
 Vinyl Acetate
 Concen: 291.675 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW031864.D
 Acq: 16 Jul 2025 09:22

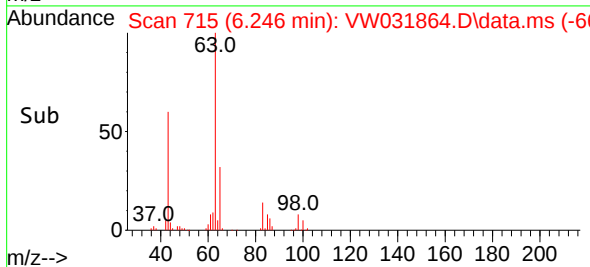
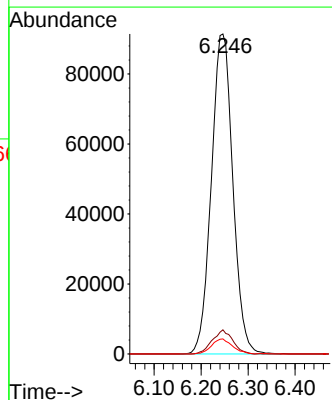
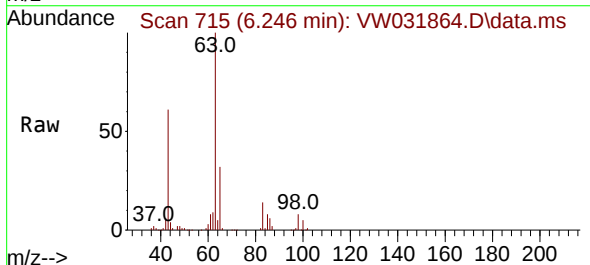
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1588205
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 56.131 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031864.D
 Acq: 16 Jul 2025 09:22

Tgt Ion: 63 Resp: 290105
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.7 2.5 7.5

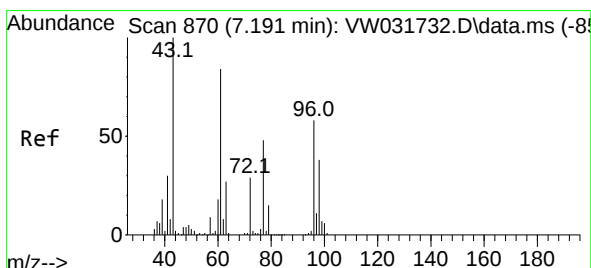
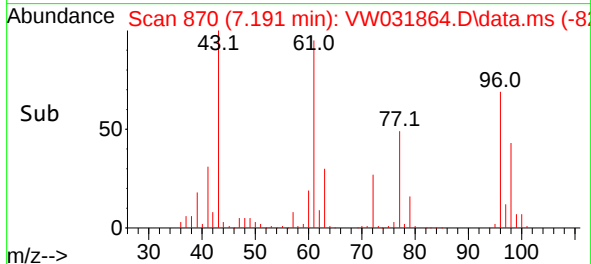
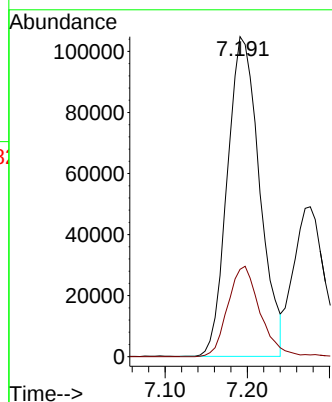
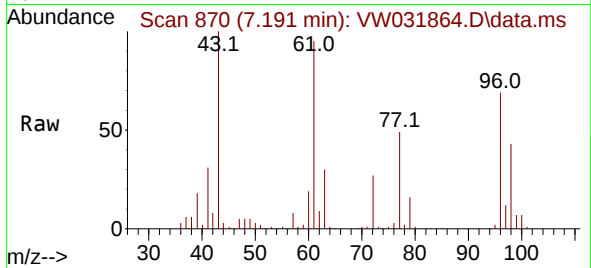




#25
2-Butanone
Concen: 277.440 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

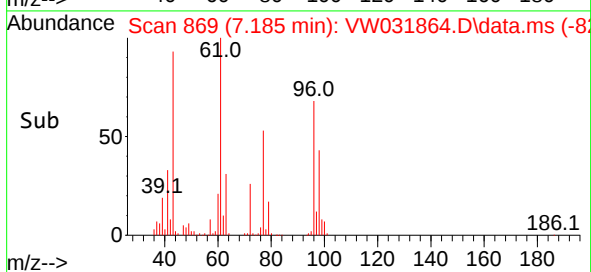
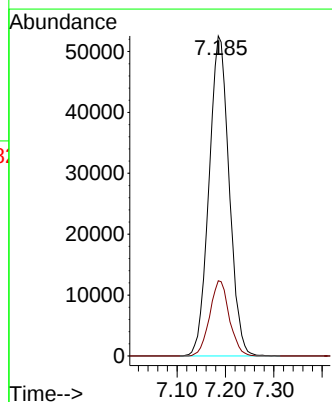
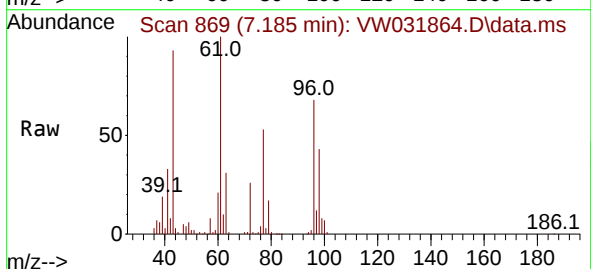
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

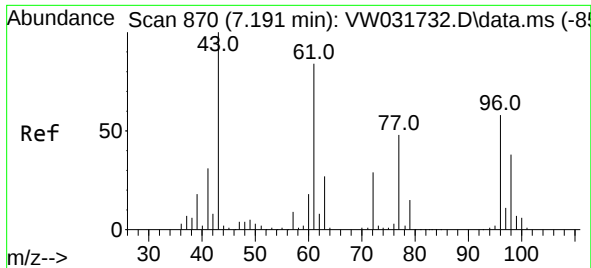
Tgt Ion: 43 Resp: 286251
Ion Ratio Lower Upper
43 100
72 27.3 23.0 34.6



#26
2,2-Dichloropropane
Concen: 50.408 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 77 Resp: 152005
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 58.309 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

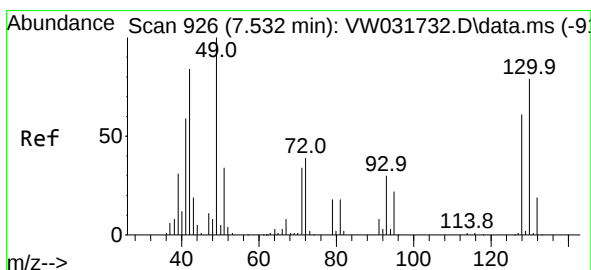
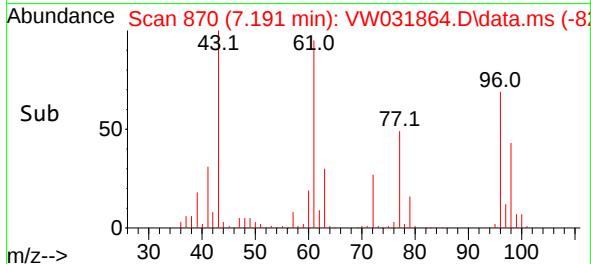
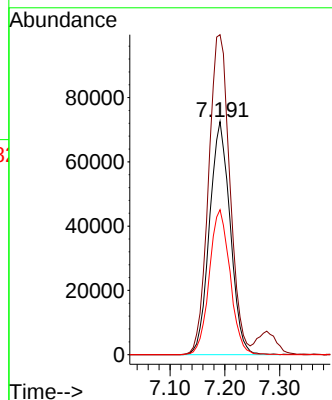
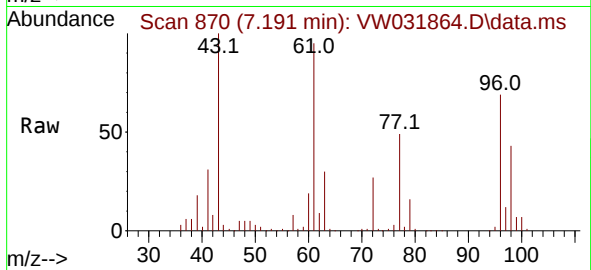
Tgt Ion: 96 Resp: 189732

Ion Ratio Lower Upper

96 100

61 141.7 0.0 286.8

98 62.4 0.0 130.4



#28

Bromochloromethane

Concen: 53.782 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

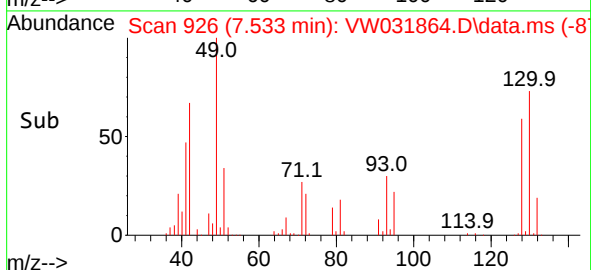
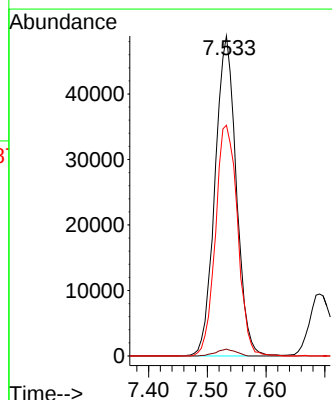
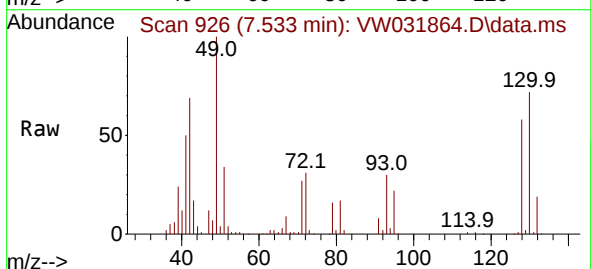
Tgt Ion: 49 Resp: 122663

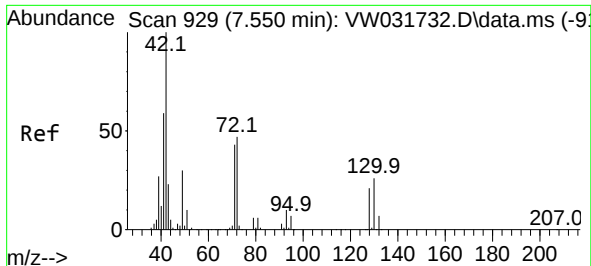
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.4

130 75.0 61.3 91.9





#29

Tetrahydrofuran

Concen: 276.587 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

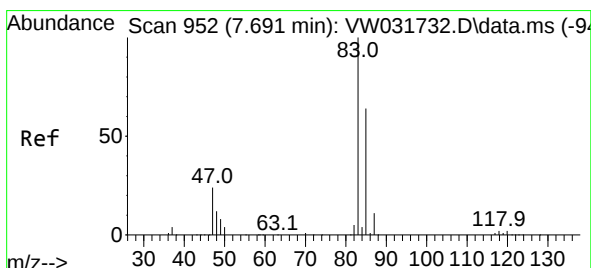
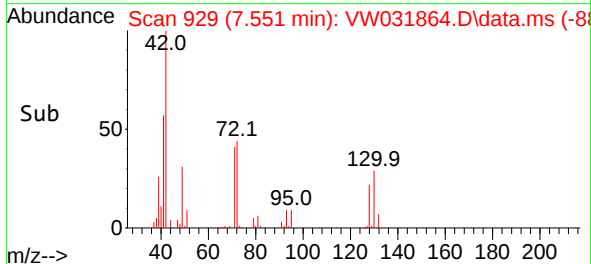
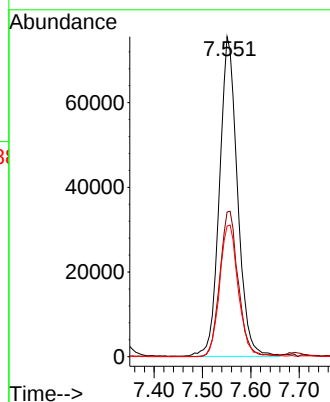
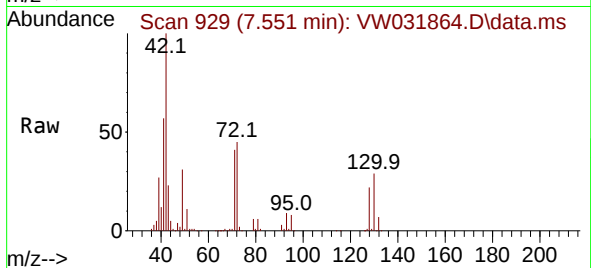
Tgt Ion: 42 Resp: 195430

Ion Ratio Lower Upper

42 100

72 46.3 36.8 55.2

71 43.0 34.6 52.0



#30

Chloroform

Concen: 55.945 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031864.D

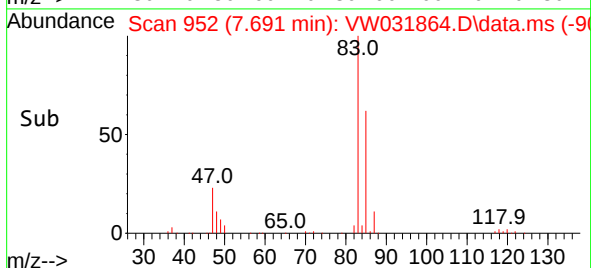
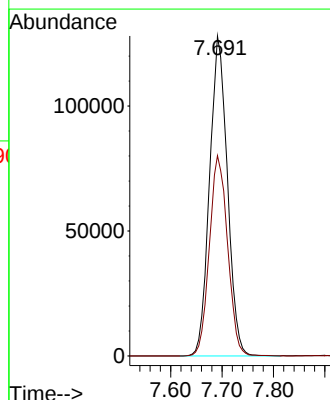
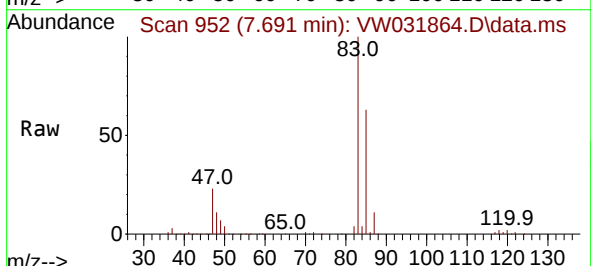
Acq: 16 Jul 2025 09:22

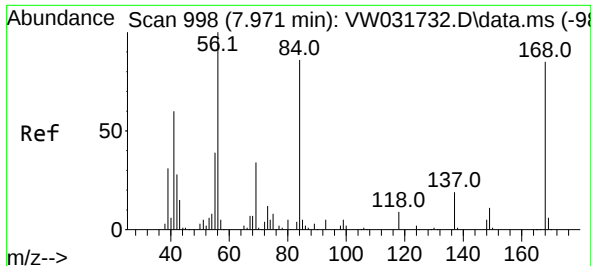
Tgt Ion: 83 Resp: 307242

Ion Ratio Lower Upper

83 100

85 62.6 51.4 77.0

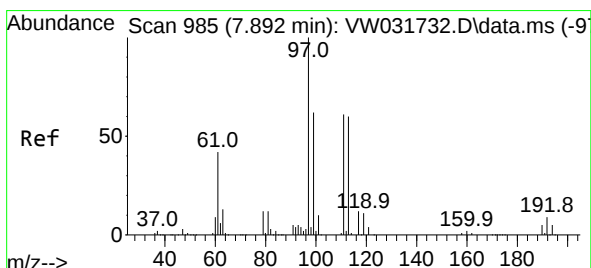
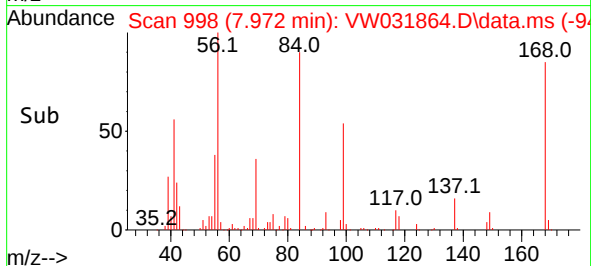
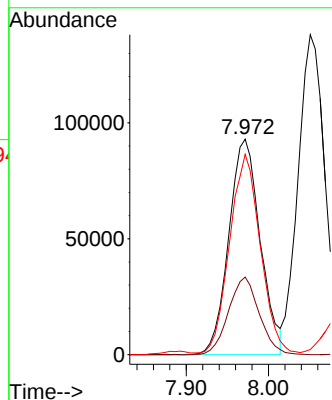
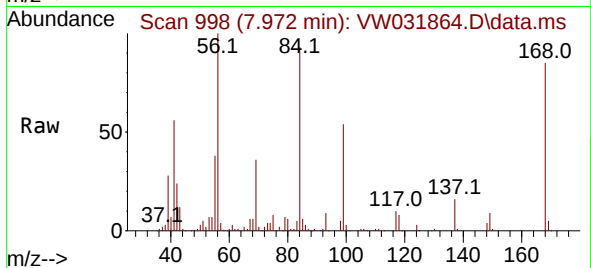




#31
Cyclohexane
Concen: 54.075 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

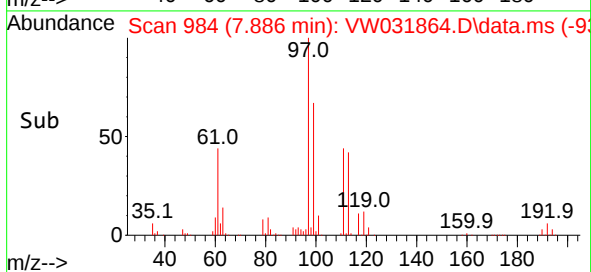
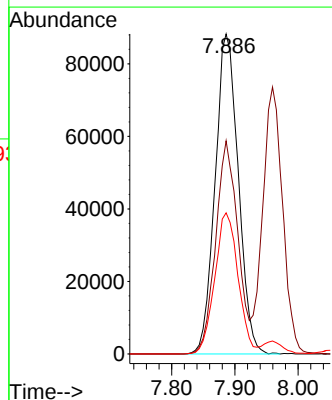
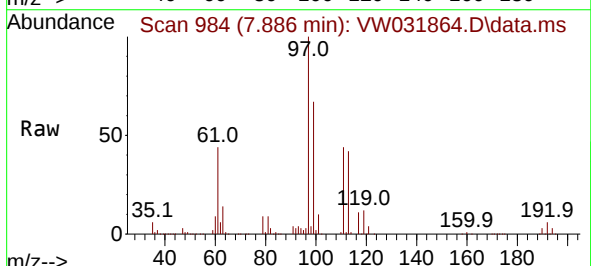
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

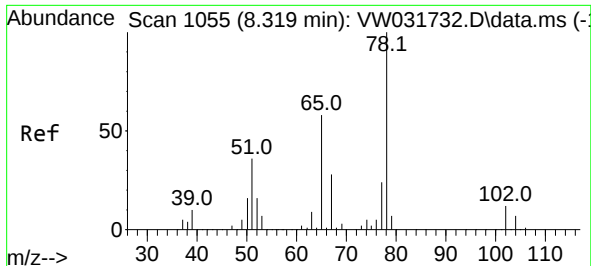
Tgt Ion: 56 Resp: 247047
Ion Ratio Lower Upper
56 100
69 36.0 27.2 40.8
84 91.3 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 52.988 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 97 Resp: 224259
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.6
61 44.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.222 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

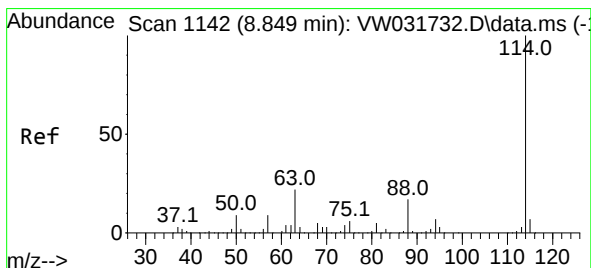
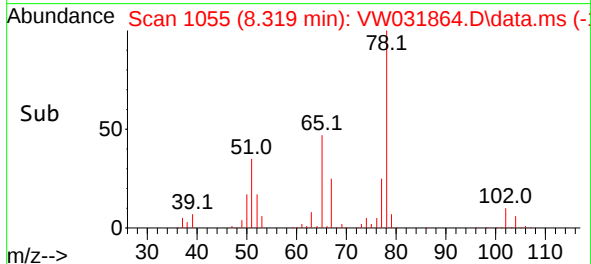
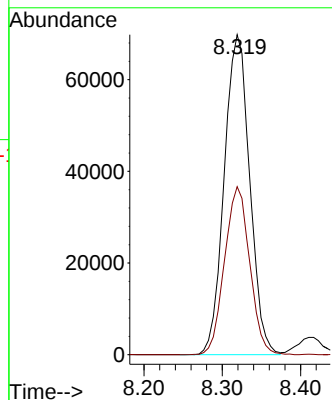
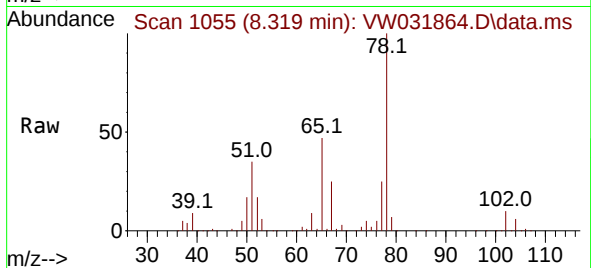
VSTDCCC050

Tgt Ion: 65 Resp: 157932

Ion Ratio Lower Upper

65 100

67 51.7 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: VW031864.D

Acq: 16 Jul 2025 09:22

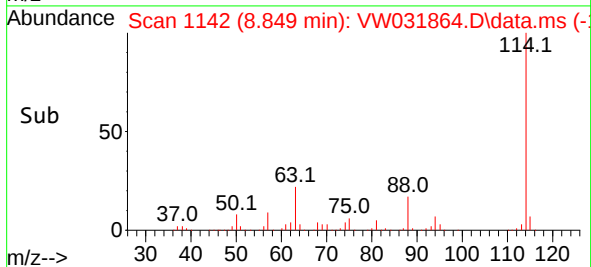
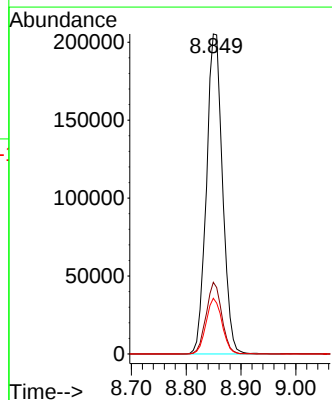
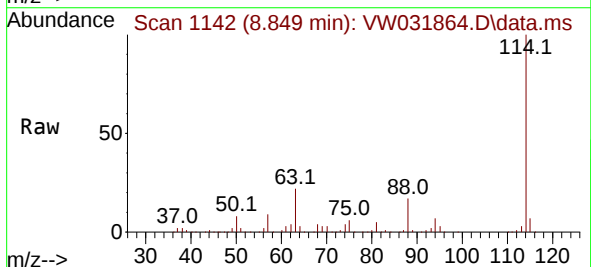
Tgt Ion: 114 Resp: 416969

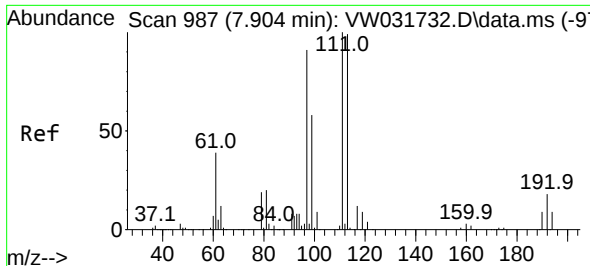
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.6

88 17.4 0.0 34.2

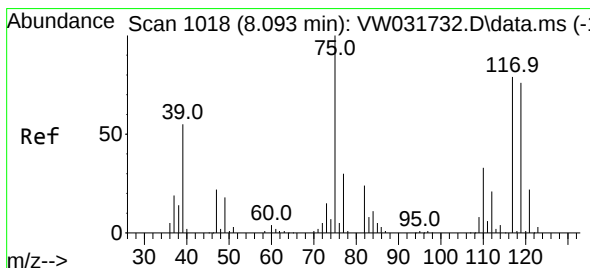
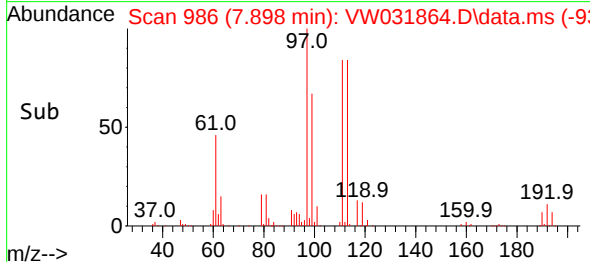
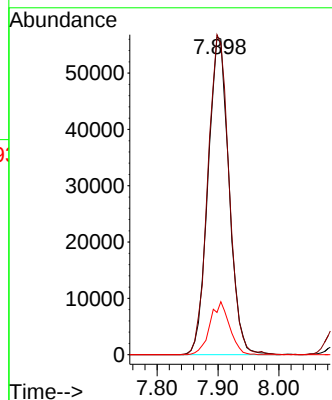
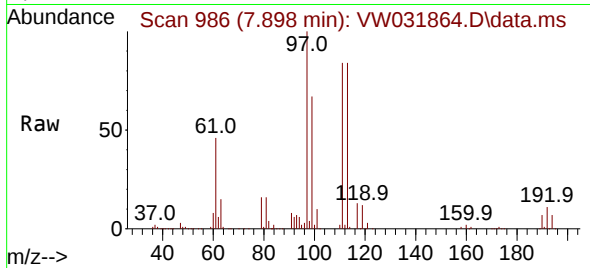




#35
Dibromofluoromethane
Concen: 49.546 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

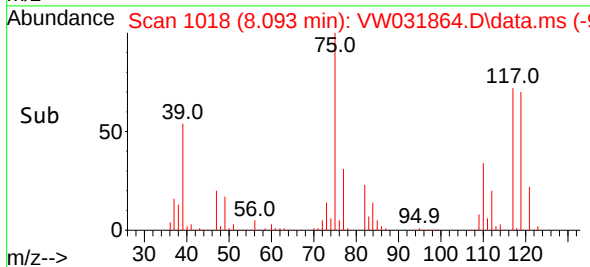
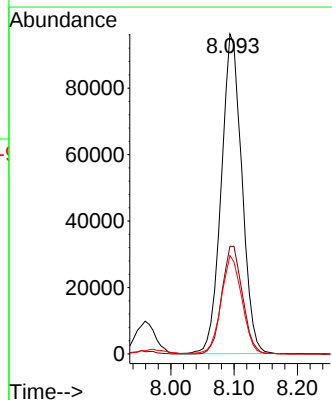
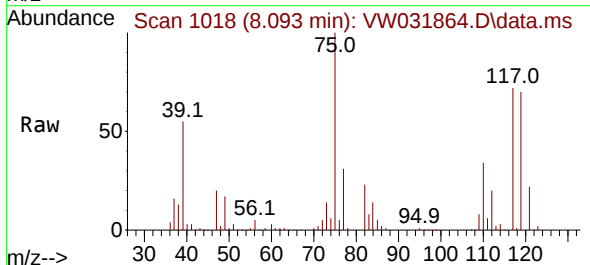
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

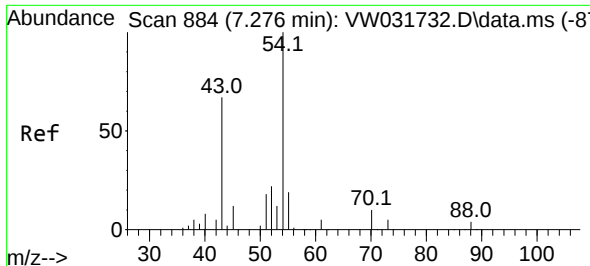
Tgt Ion:113 Resp: 134811
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 15.6 13.8 20.6



#36
1,1-Dichloropropene
Concen: 55.103 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 75 Resp: 216954
Ion Ratio Lower Upper
75 100
110 33.9 16.8 50.4
77 31.2 25.0 37.6

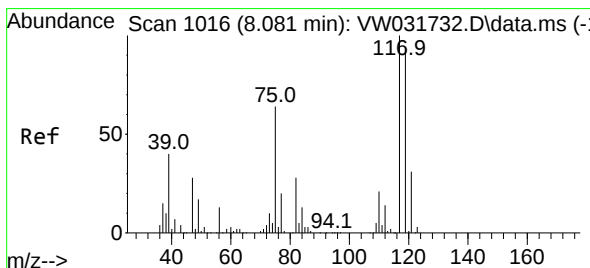
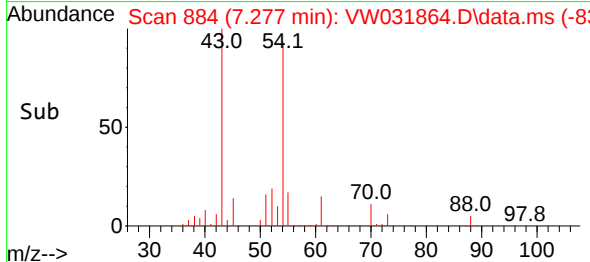
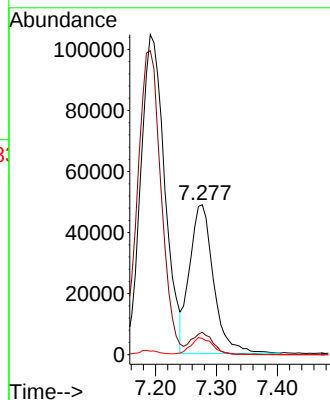
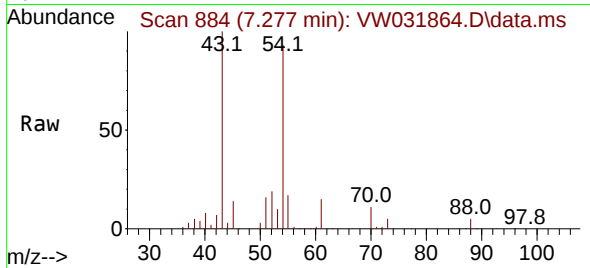




#37
Ethyl Acetate
Concen: 53.561 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

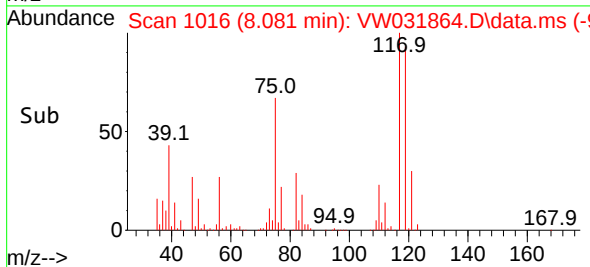
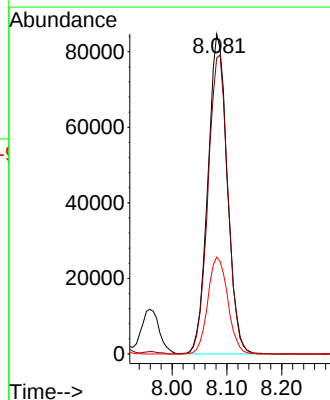
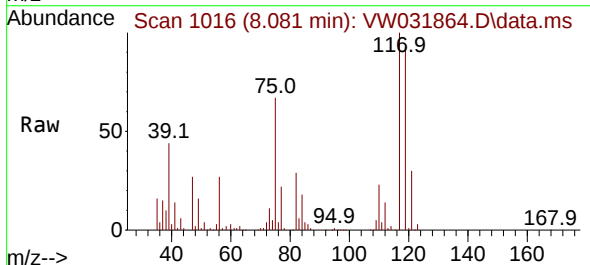
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

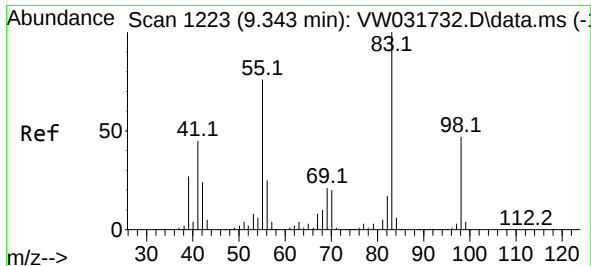
Tgt Ion: 43 Resp: 133030
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 10.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 51.887 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 117 Resp: 208179
Ion Ratio Lower Upper
117 100
119 92.5 75.0 112.6
121 30.3 24.6 37.0

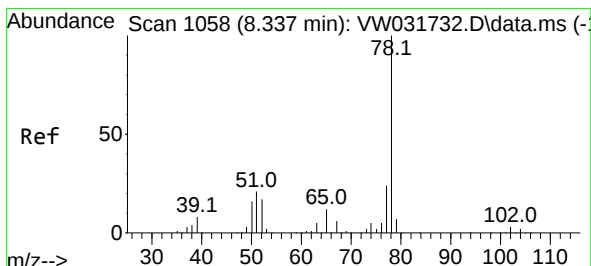
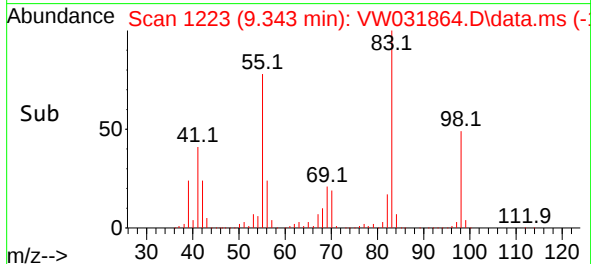
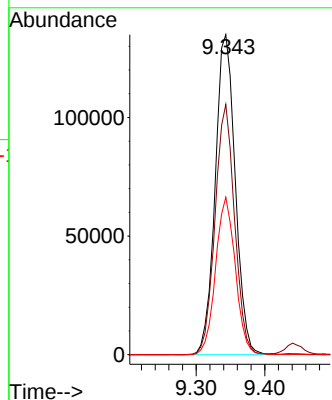
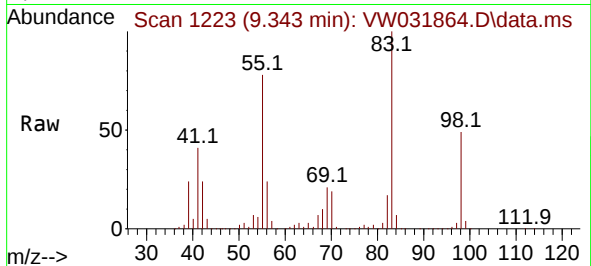




#39
Methylcyclohexane
Concen: 55.883 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

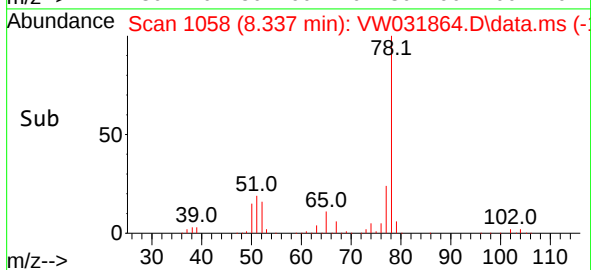
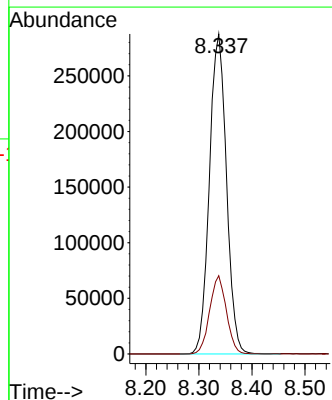
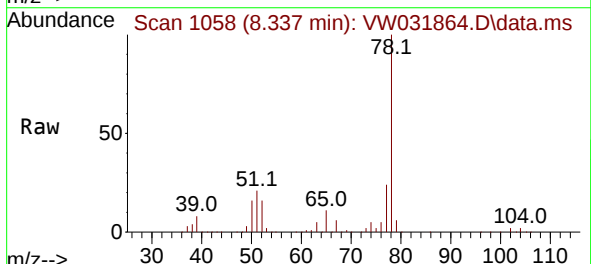
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 273751
Ion Ratio Lower Upper
83 100
55 78.2 61.0 91.4
98 49.2 37.9 56.9



#40
Benzene
Concen: 55.119 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 78 Resp: 642068
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8

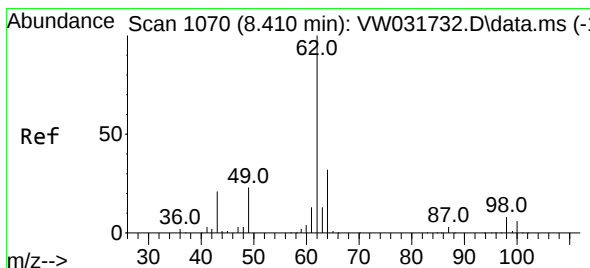
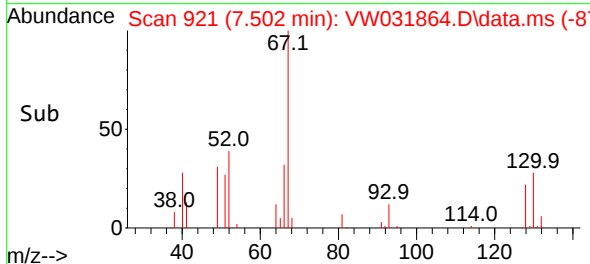
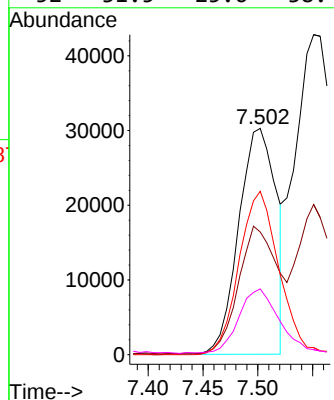
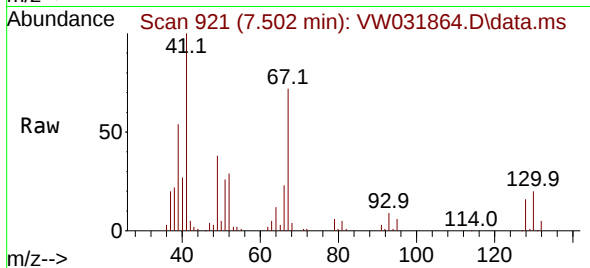




#41
Methacrylonitrile
Concen: 54.012 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

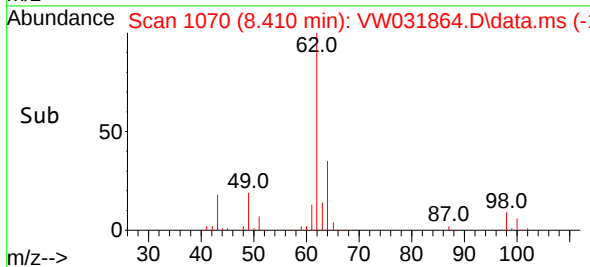
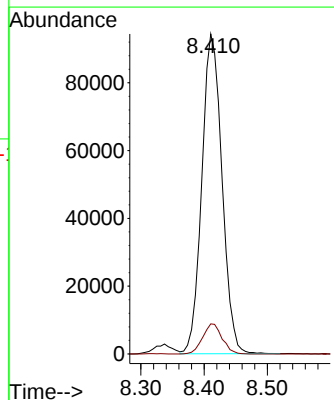
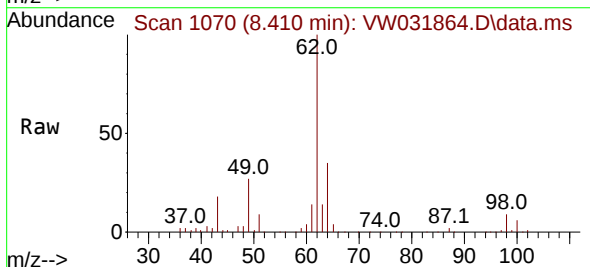
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

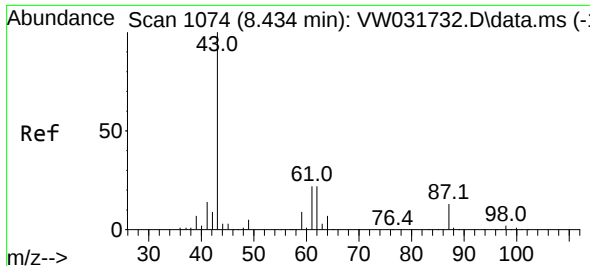
Tgt Ion: 41	Resp: 71864
Ion Ratio	Lower Upper
41 100	
39 60.2	43.2 64.8
67 77.3	58.1 87.1
52 31.5	25.6 38.4



#42
1,2-Dichloroethane
Concen: 53.294 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 62	Resp: 209767
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 17.2

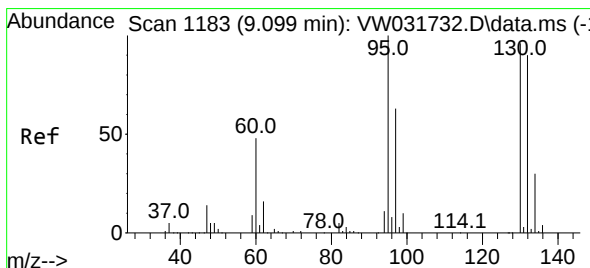
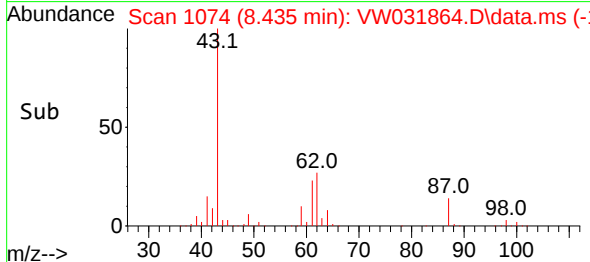
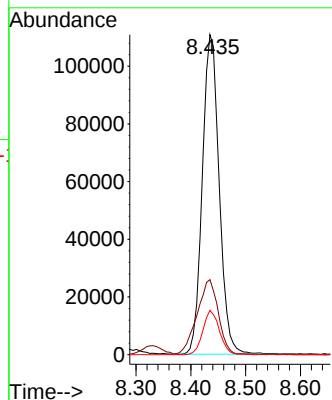
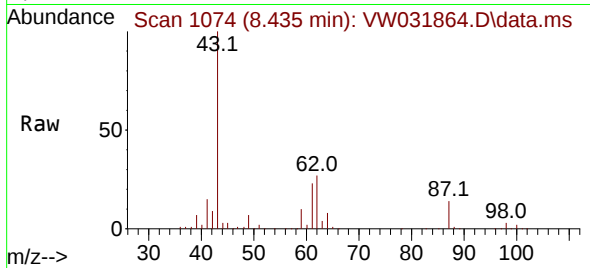




#43
Isopropyl Acetate
Concen: 55.267 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

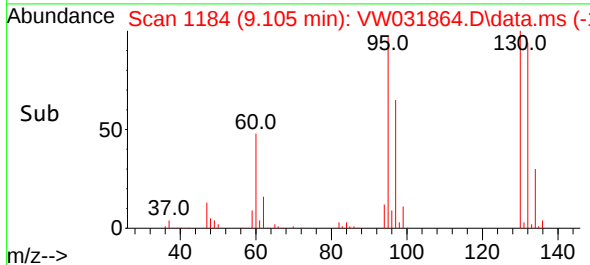
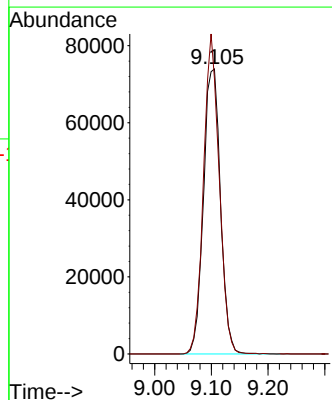
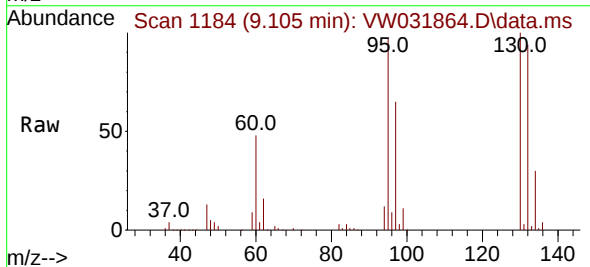
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

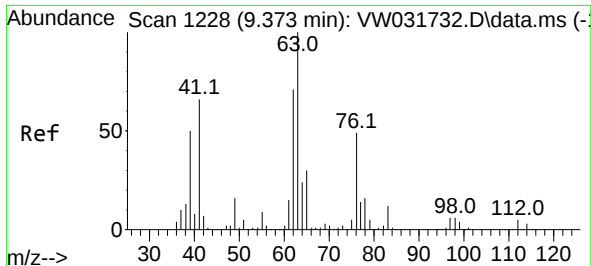
Tgt Ion: 43 Resp: 236620
Ion Ratio Lower Upper
43 100
61 29.5 23.1 34.7
87 13.6 10.8 16.2



#44
Trichloroethene
Concen: 53.152 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion:130 Resp: 154538
Ion Ratio Lower Upper
130 100
95 96.6 0.0 208.6





#45

1,2-Dichloropropane

Concen: 53.759 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

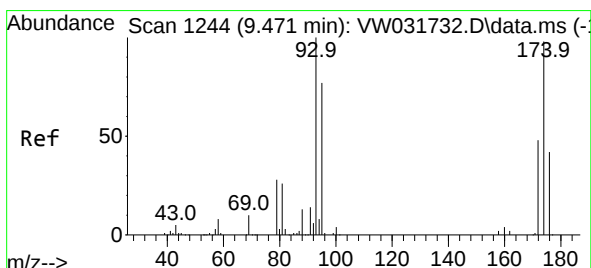
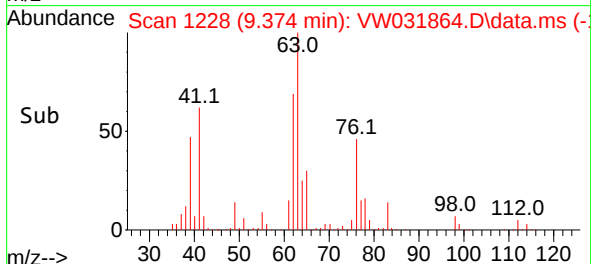
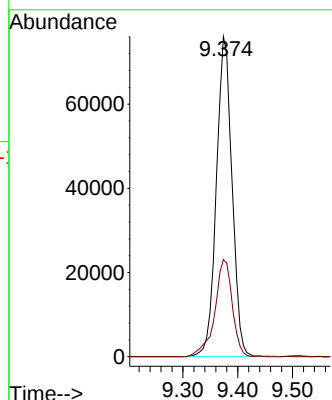
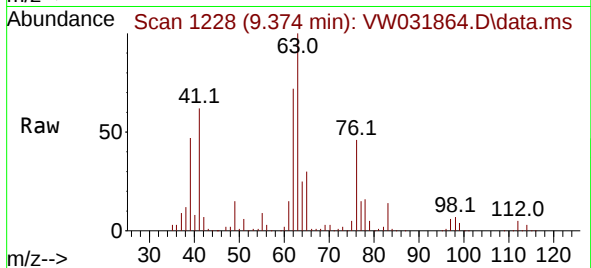
VSTDCCC050

Tgt Ion: 63 Resp: 151352

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



#46

Dibromomethane

Concen: 53.025 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

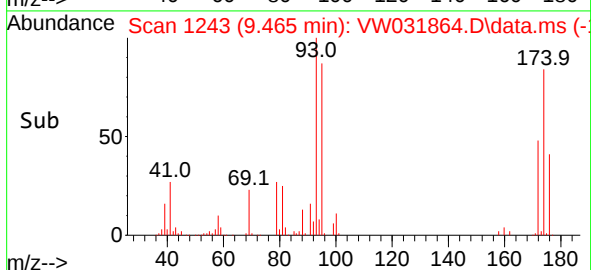
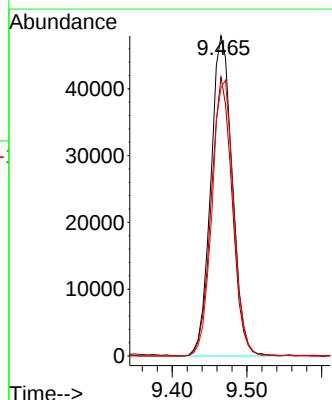
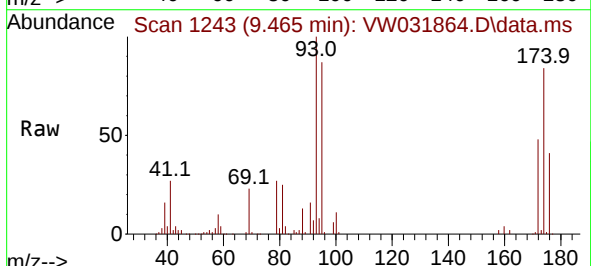
Tgt Ion: 93 Resp: 96379

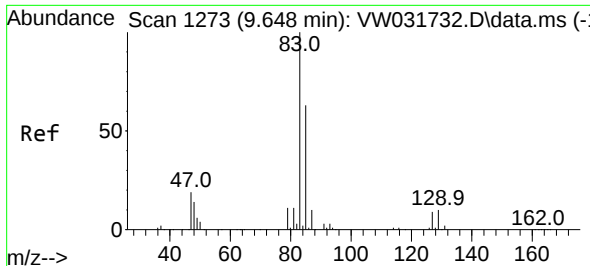
Ion Ratio Lower Upper

93 100

95 85.0 67.0 100.4

174 85.8 71.7 107.5

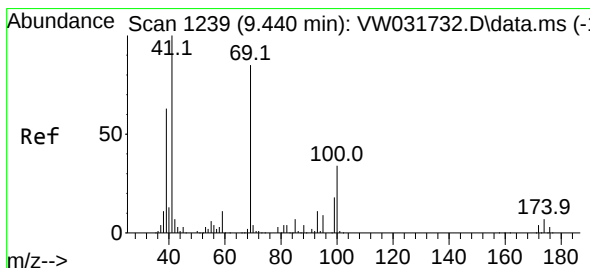
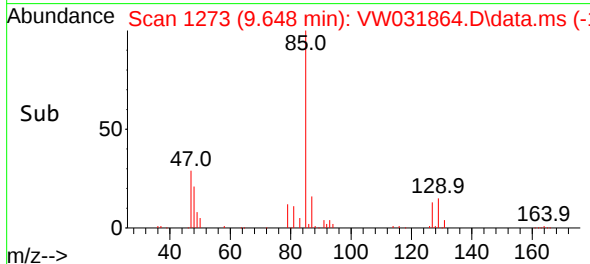
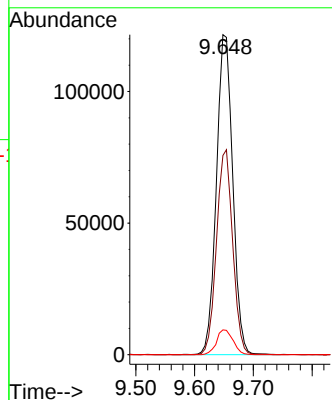
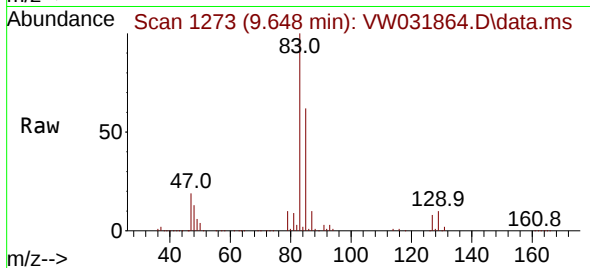




#47
Bromodichloromethane
Concen: 55.026 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

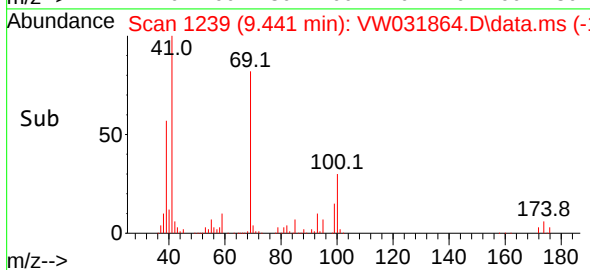
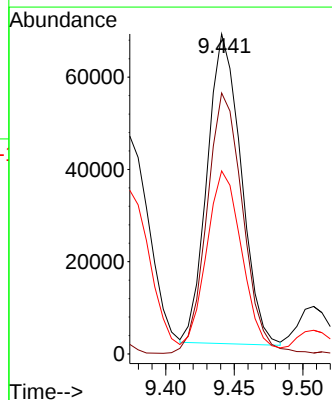
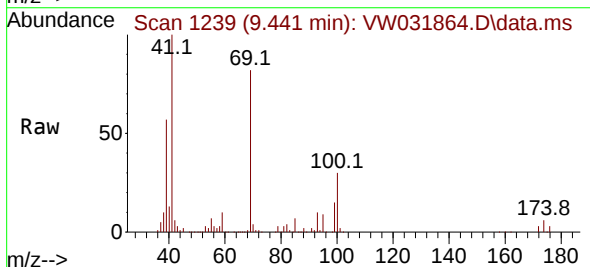
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

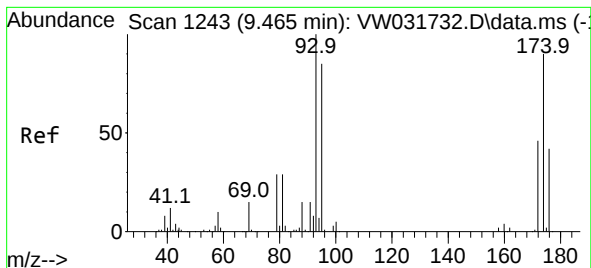
Tgt Ion: 83 Resp: 234534
Ion Ratio Lower Upper
83 100
85 62.2 50.8 76.2
127 7.8 6.8 10.2



#48
Methyl methacrylate
Concen: 54.715 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 41 Resp: 115185
Ion Ratio Lower Upper
41 100
69 89.9 71.6 107.4
39 58.6 49.5 74.3





#49

1,4-Dioxane

Concen: 1010.847 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

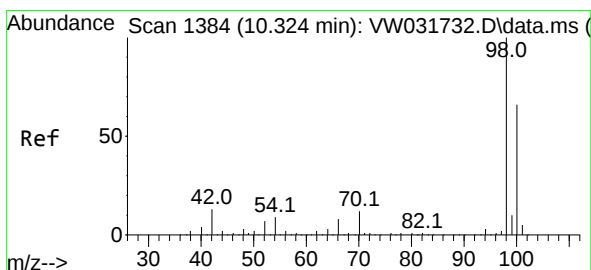
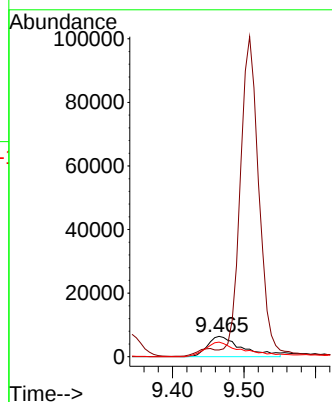
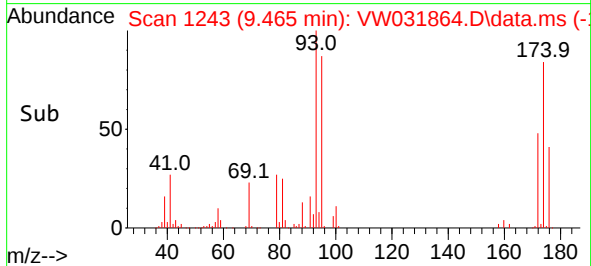
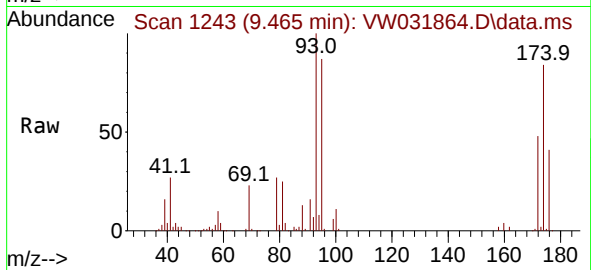
Tgt Ion: 88 Resp: 21519

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 79.5 58.3 87.5



#50

Toluene-d8

Concen: 49.561 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031864.D

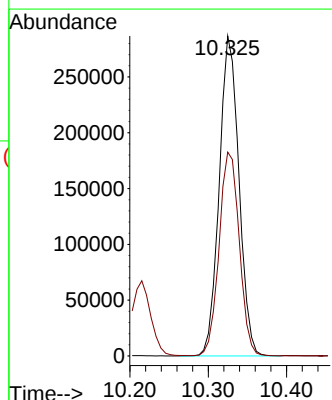
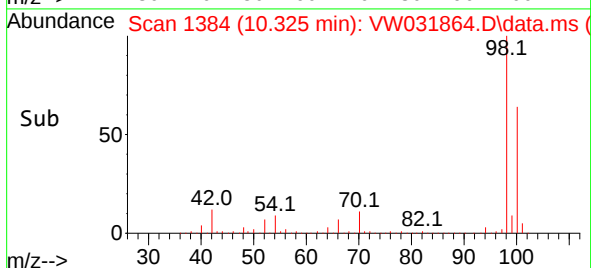
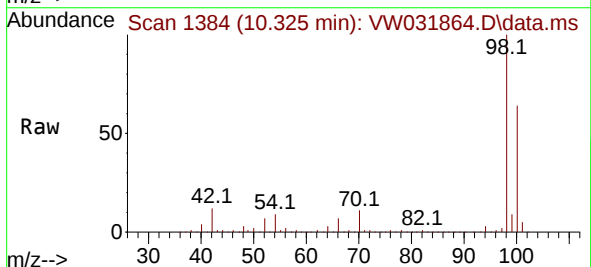
Acq: 16 Jul 2025 09:22

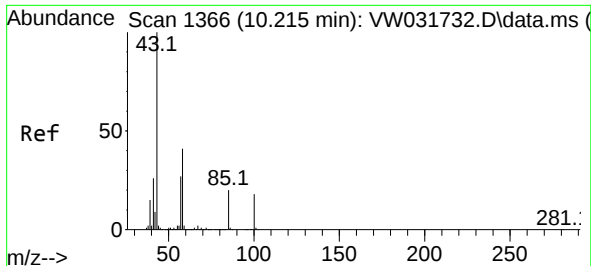
Tgt Ion: 98 Resp: 501832

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4

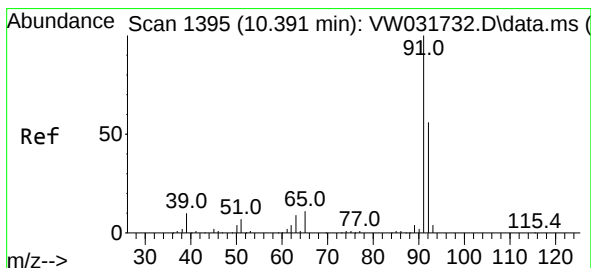
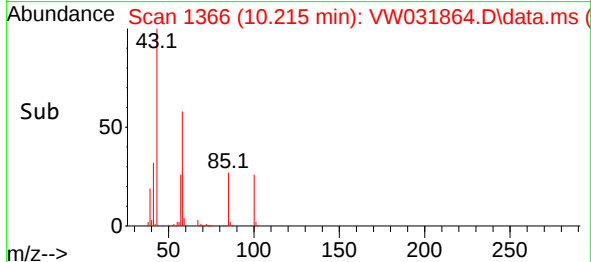
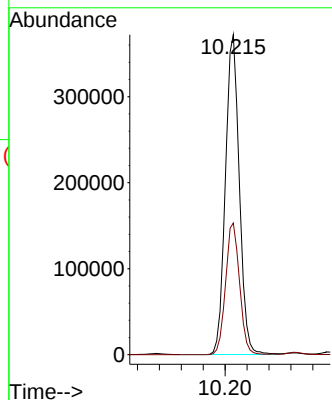
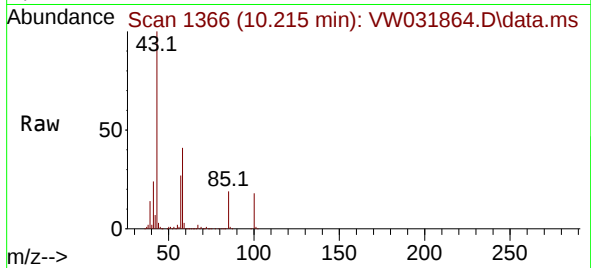




#51
4-Methyl-2-Pentanone
Concen: 267.814 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

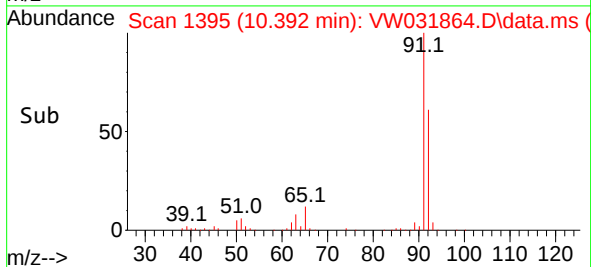
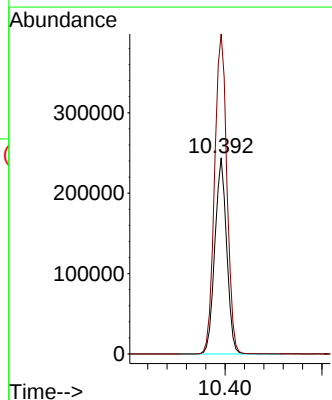
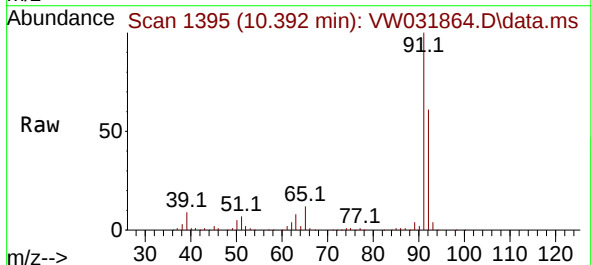
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 659201
Ion Ratio Lower Upper
43 100
58 41.3 32.2 48.2



#52
Toluene
Concen: 55.366 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 92 Resp: 412936
Ion Ratio Lower Upper
92 100
91 169.9 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 56.051 ug/l

RT: 10.611 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

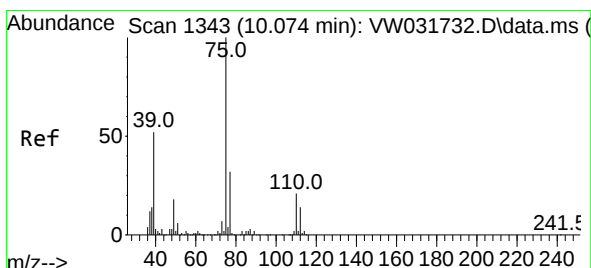
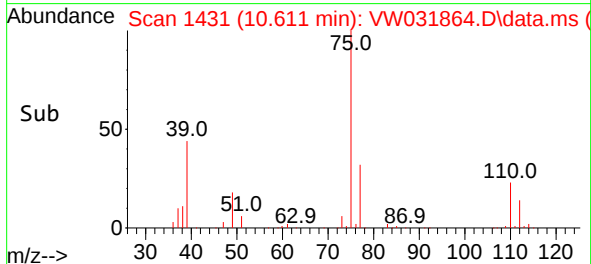
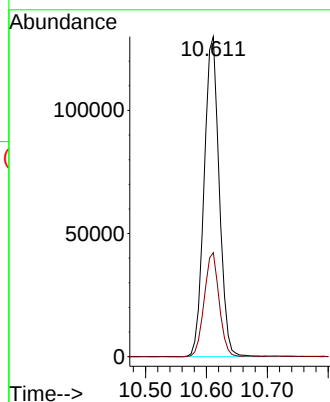
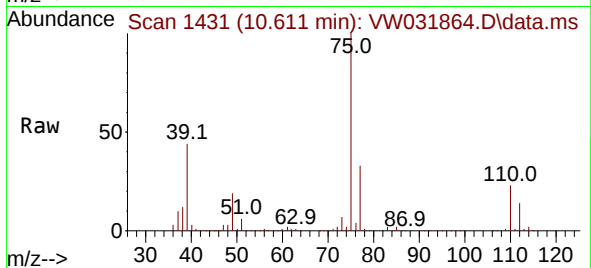
VSTDCCC050

Tgt Ion: 75 Resp: 224154

Ion Ratio Lower Upper

75 100

77 32.5 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 56.665 ug/l

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

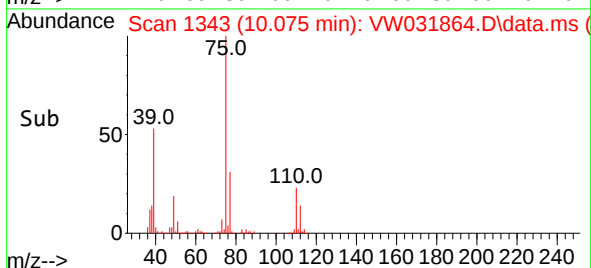
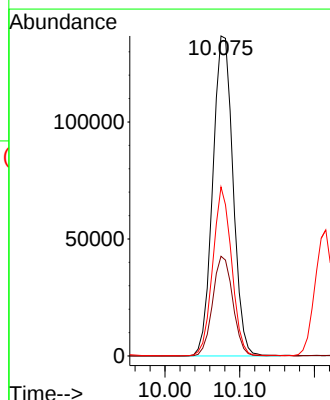
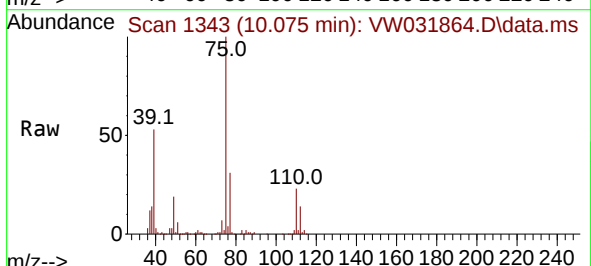
Tgt Ion: 75 Resp: 256890

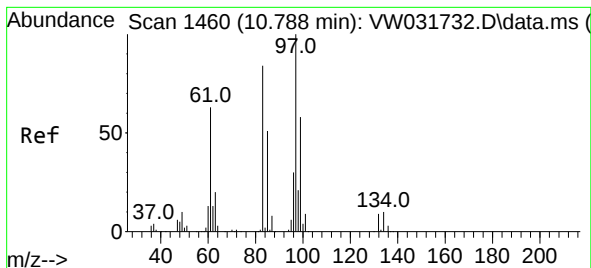
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

39 52.7 41.8 62.6



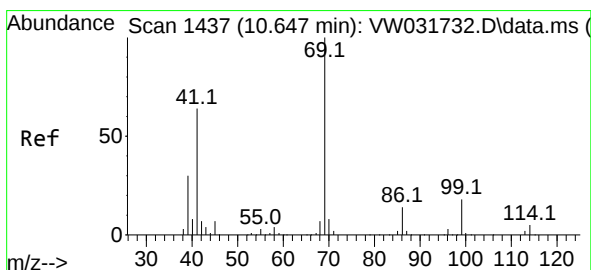
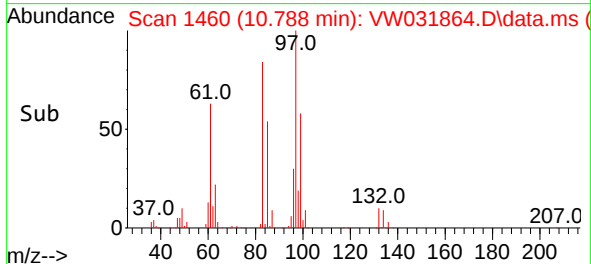
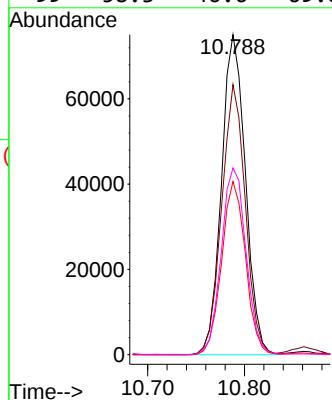
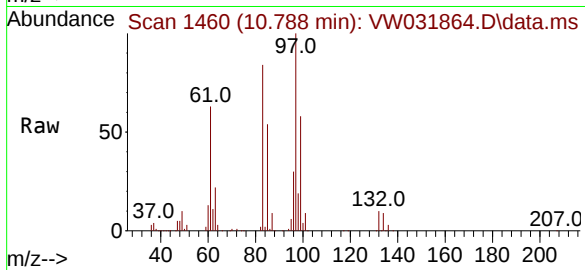


#55
1,1,2-Trichloroethane
Concen: 54.127 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 128872

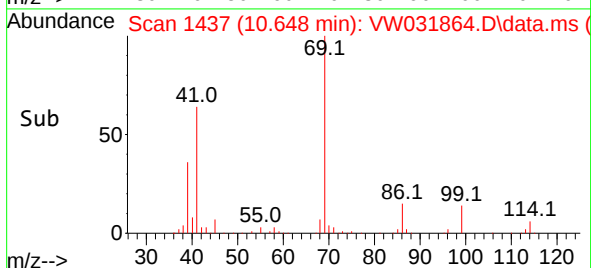
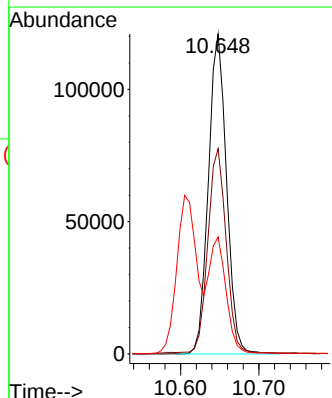
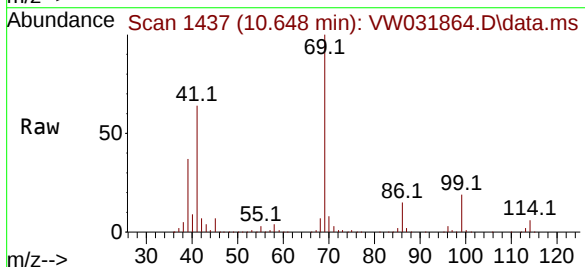
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.9	100.3
85	54.1	41.1	61.7
99	58.3	46.6	69.8



#56
Ethyl methacrylate
Concen: 60.305 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 69 Resp: 194794

Ion	Ratio	Lower	Upper
69	100		
41	65.7	53.3	79.9
39	33.6	30.2	45.2





#57

1,3-Dichloropropane

Concen: 54.864 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

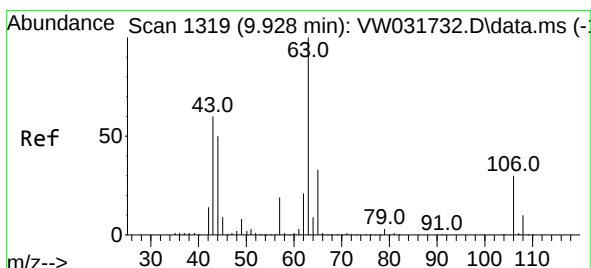
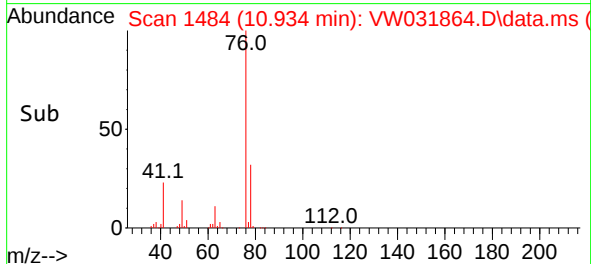
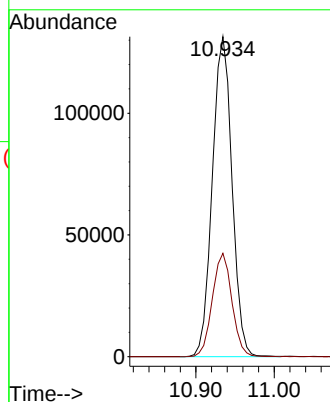
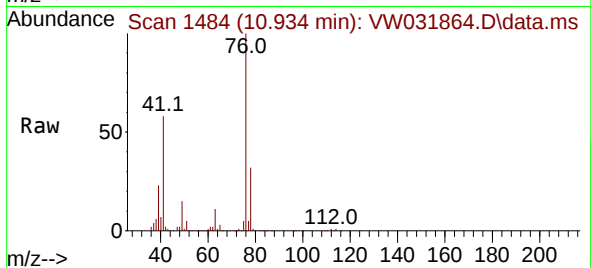
VSTDCCC050

Tgt Ion: 76 Resp: 229341

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 262.925 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031864.D

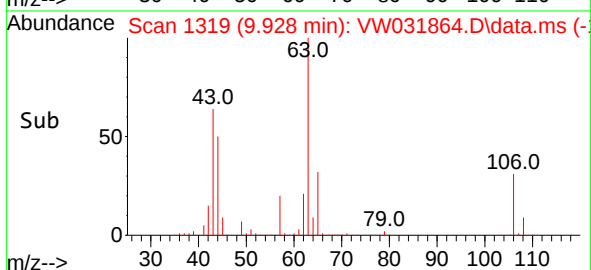
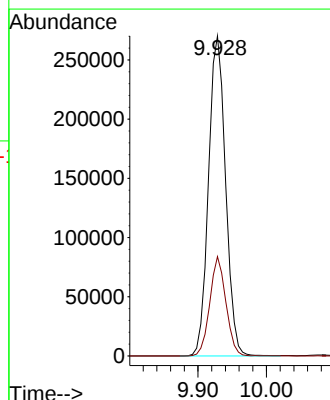
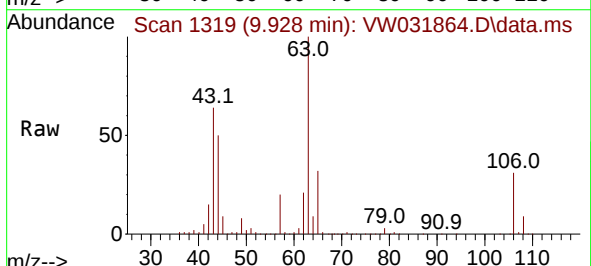
Acq: 16 Jul 2025 09:22

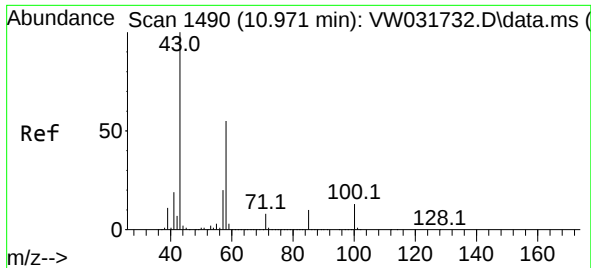
Tgt Ion: 63 Resp: 467655

Ion Ratio Lower Upper

63 100

106 29.3 24.1 36.1

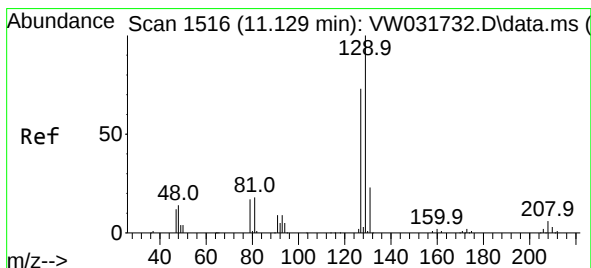
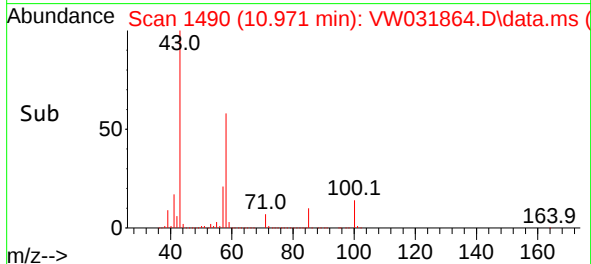
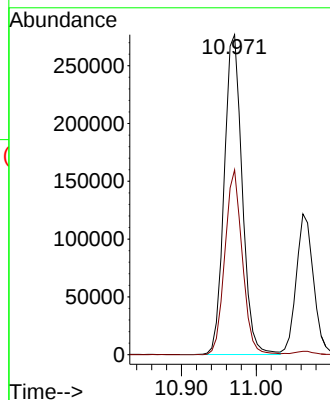
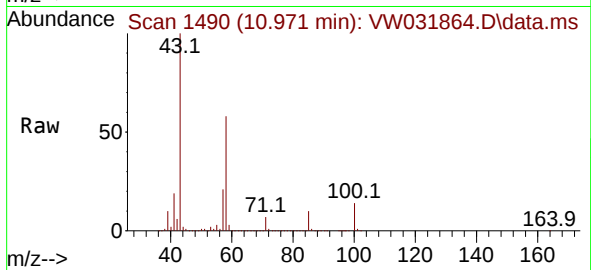




#59
2-Hexanone
Concen: 277.831 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

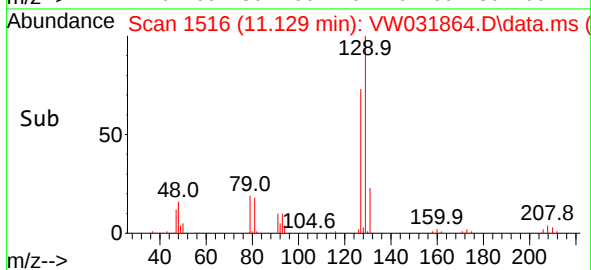
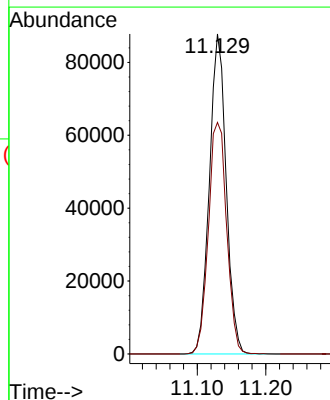
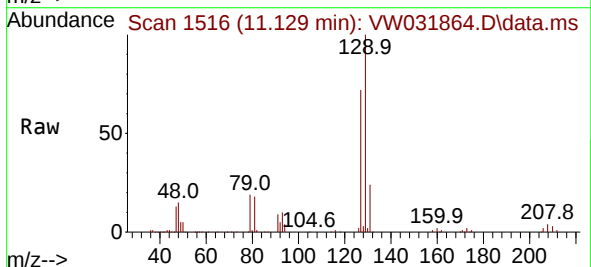
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

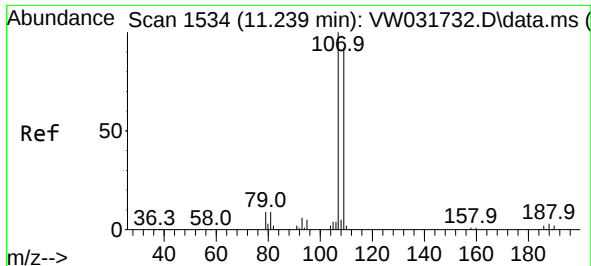
Tgt Ion: 43 Resp: 463410
Ion Ratio Lower Upper
43 100
58 56.1 27.9 83.6



#60
Dibromochloromethane
Concen: 52.643 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion:129 Resp: 149884
Ion Ratio Lower Upper
129 100
127 78.6 38.0 114.1

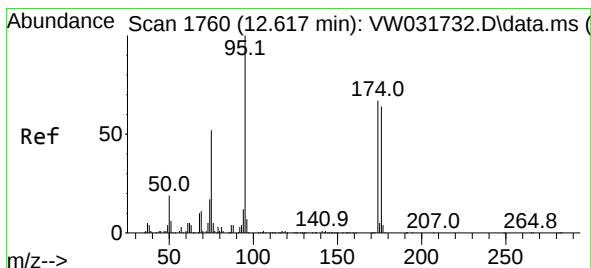
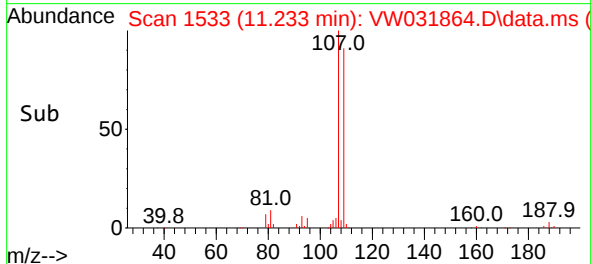
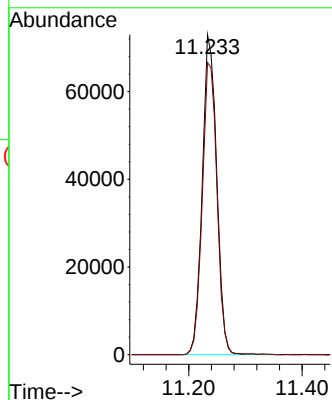
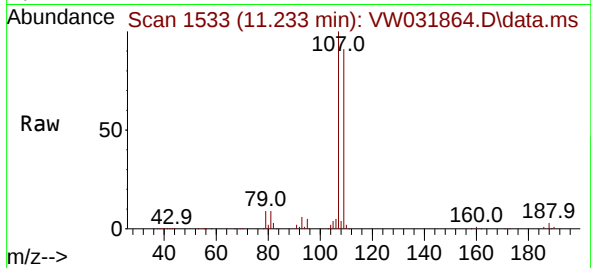




#61
1,2-Dibromoethane
Concen: 54.170 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

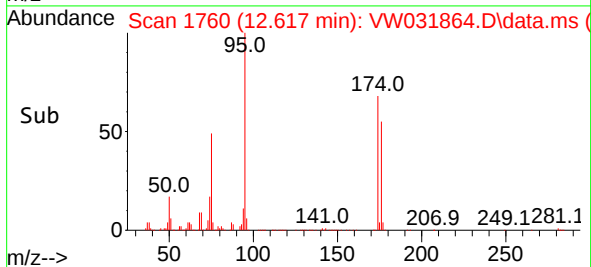
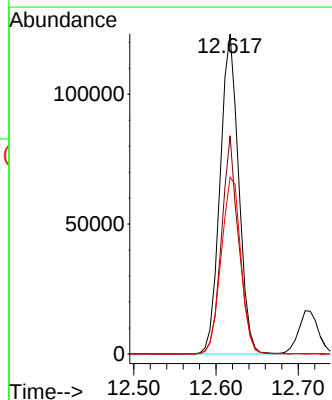
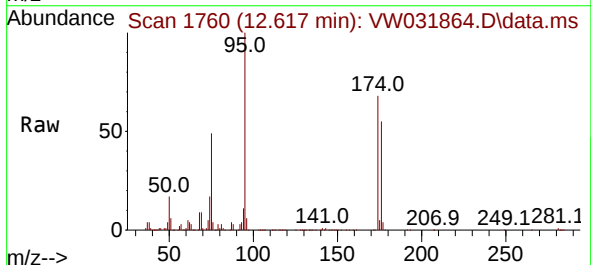
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

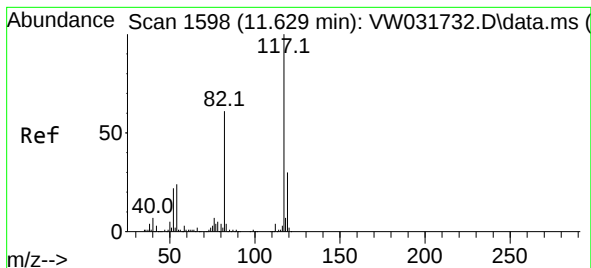
Tgt Ion:107 Resp: 129114
Ion Ratio Lower Upper
107 100
109 92.6 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.987 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 95 Resp: 193715
Ion Ratio Lower Upper
95 100
174 63.0 0.0 133.8
176 58.5 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

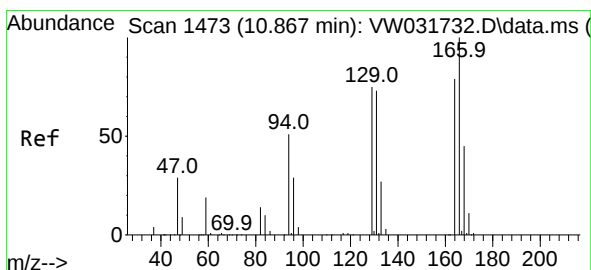
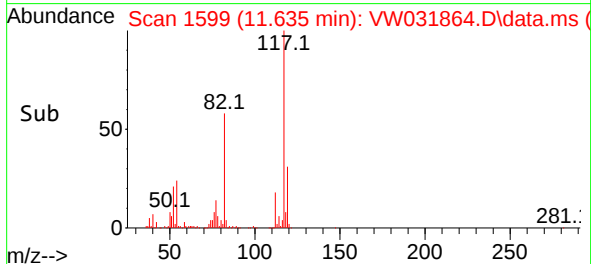
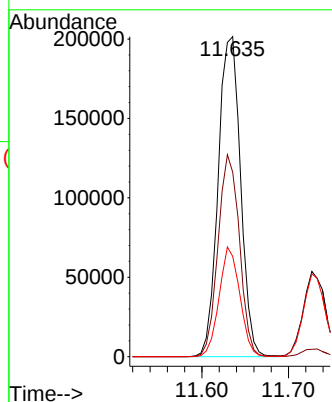
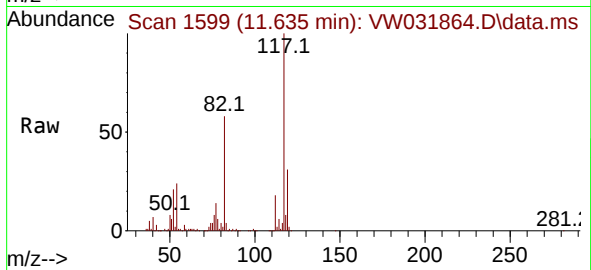
Tgt Ion:117 Resp: 361888

Ion Ratio Lower Upper

117 100

82 57.7 48.6 72.8

119 31.3 23.9 35.9



#64

Tetrachloroethene

Concen: 51.140 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Tgt Ion:164 Resp: 121057

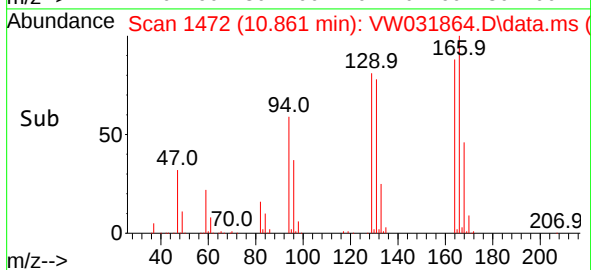
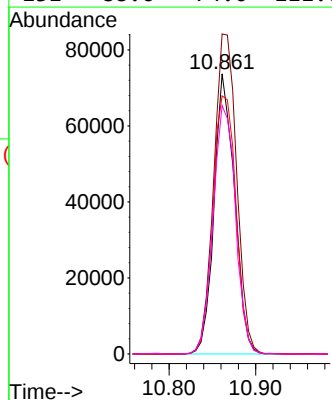
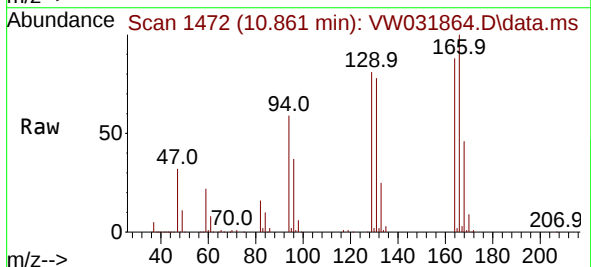
Ion Ratio Lower Upper

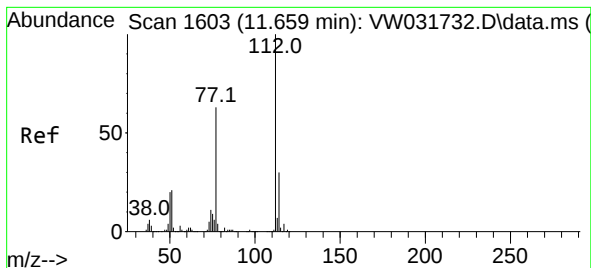
164 100

166 114.2 100.7 151.1

129 92.1 75.4 113.0

131 88.6 74.0 111.0





#65

Chlorobenzene

Concen: 55.463 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

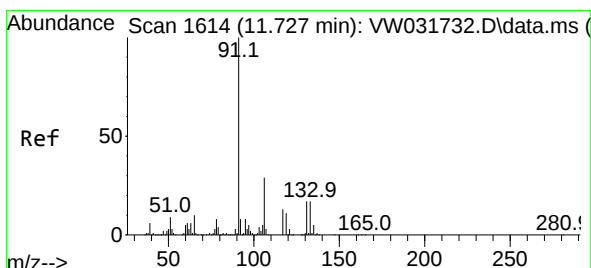
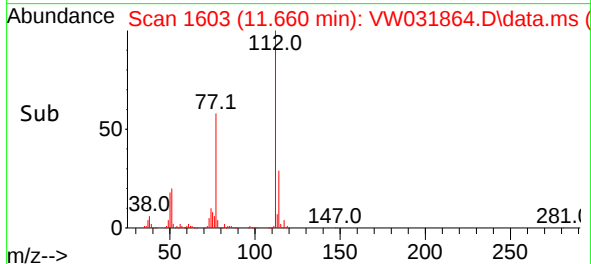
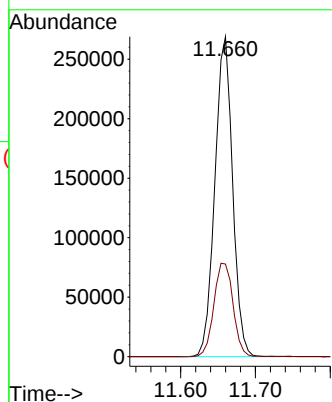
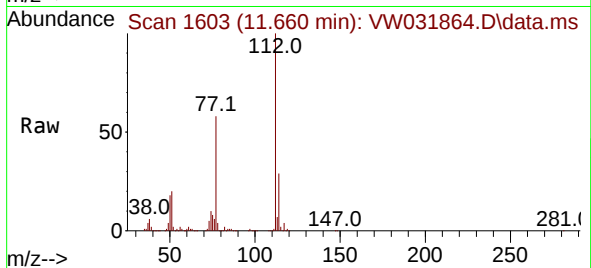
VSTDCCC050

Tgt Ion:112 Resp: 442844

Ion Ratio Lower Upper

112 100

114 28.9 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 55.583 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

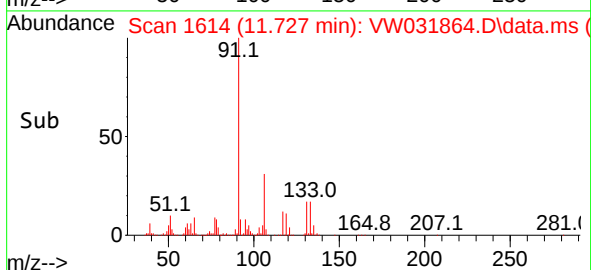
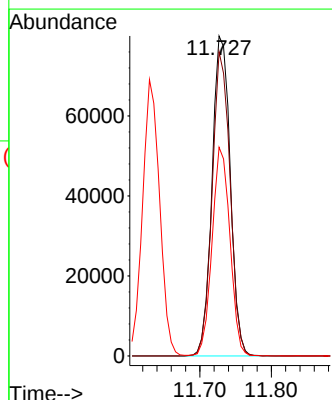
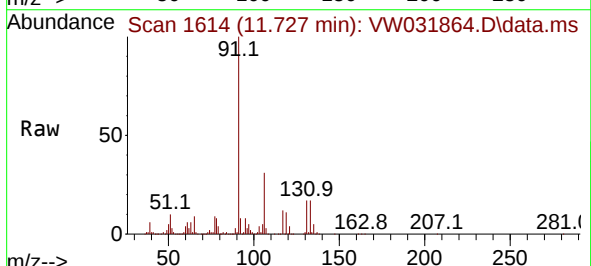
Tgt Ion:131 Resp: 141426

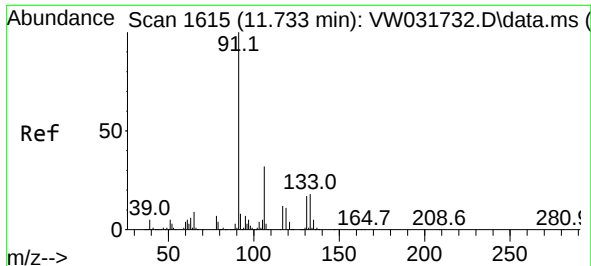
Ion Ratio Lower Upper

131 100

133 93.5 48.5 145.6

119 64.0 32.5 97.5





#67

Ethyl Benzene

Concen: 56.416 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

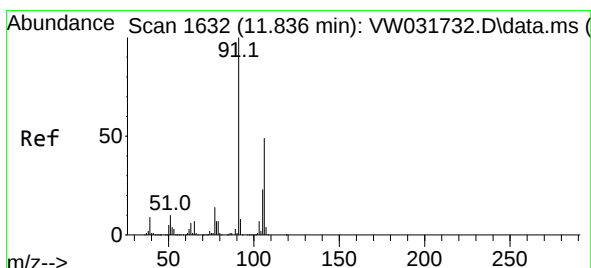
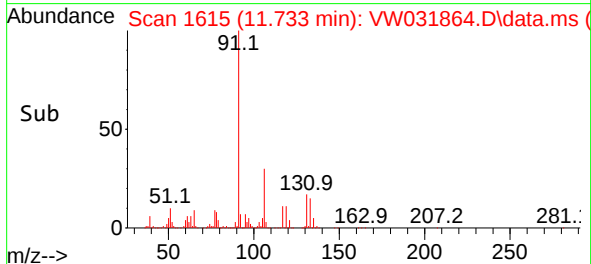
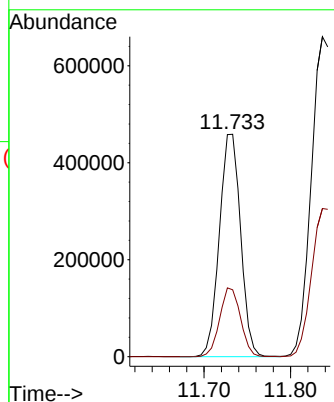
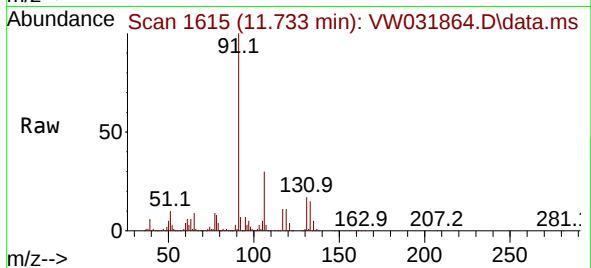
VSTDCCC050

Tgt Ion: 91 Resp: 781105

Ion Ratio Lower Upper

91 100

106 30.1 25.4 38.2



#68

m/p-Xylenes

Concen: 111.898 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031864.D

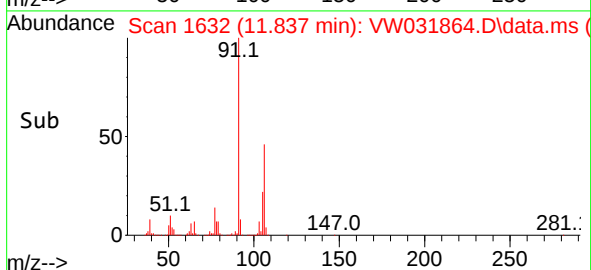
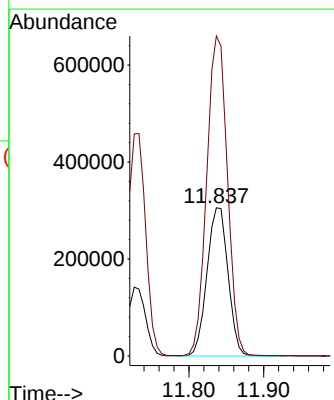
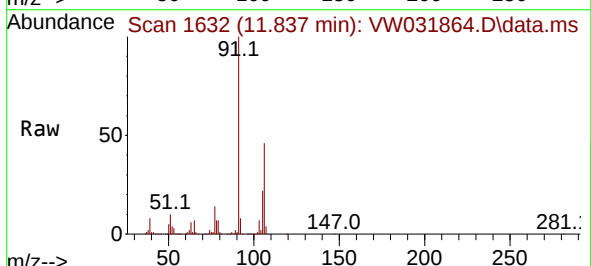
Acq: 16 Jul 2025 09:22

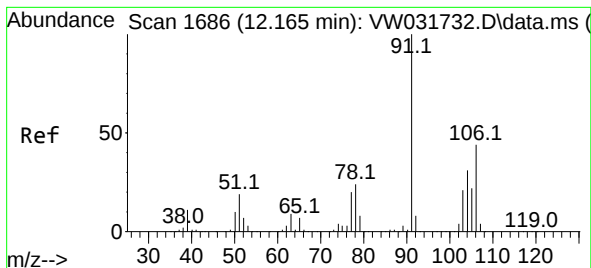
Tgt Ion:106 Resp: 595563

Ion Ratio Lower Upper

106 100

91 213.5 166.4 249.6

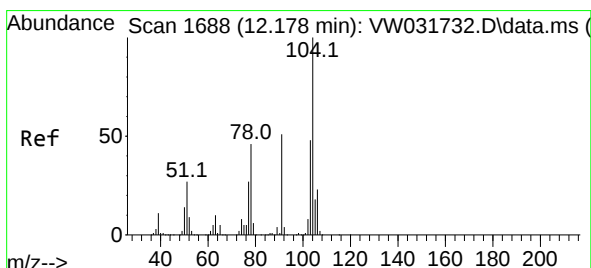
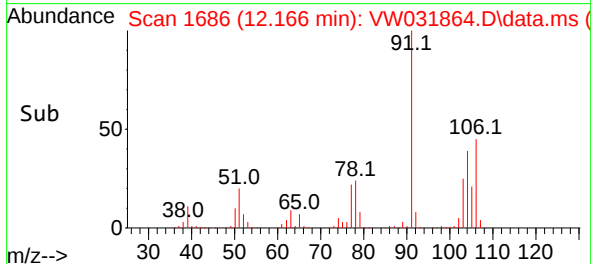
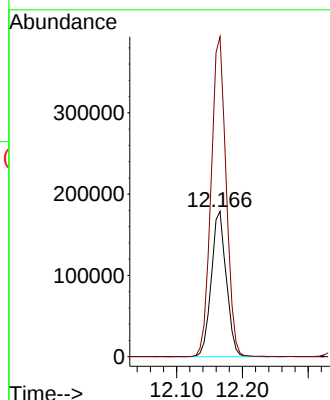
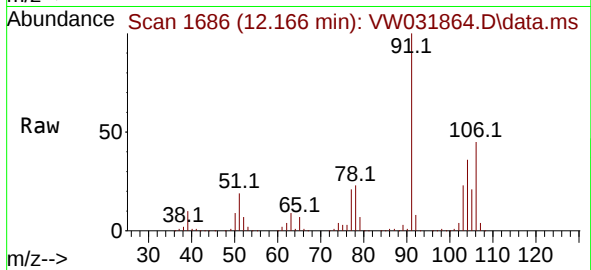




#69
o-Xylene
Concen: 57.473 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

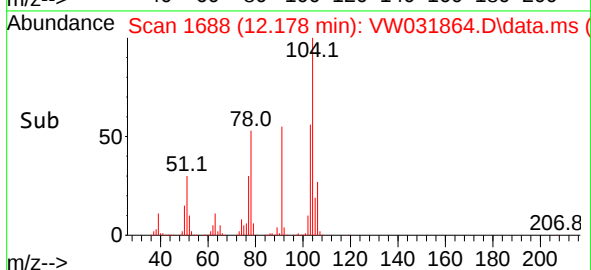
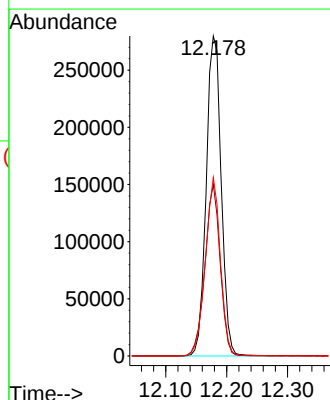
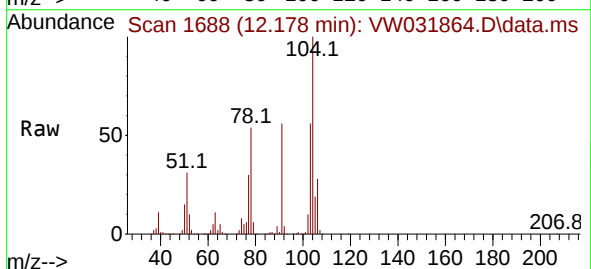
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

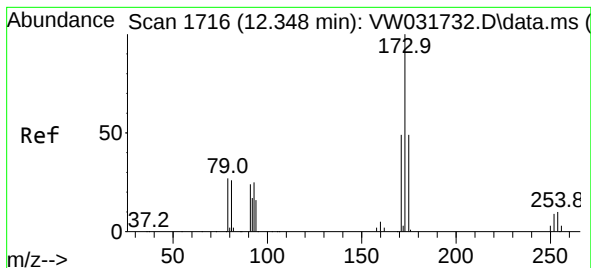
Tgt Ion:106 Resp: 283223
Ion Ratio Lower Upper
106 100
91 221.6 111.5 334.4



#70
Styrene
Concen: 56.172 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion:104 Resp: 478546
Ion Ratio Lower Upper
104 100
78 54.5 42.1 63.1
103 55.9 43.0 64.6





#71

Bromoform

Concen: 54.361 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

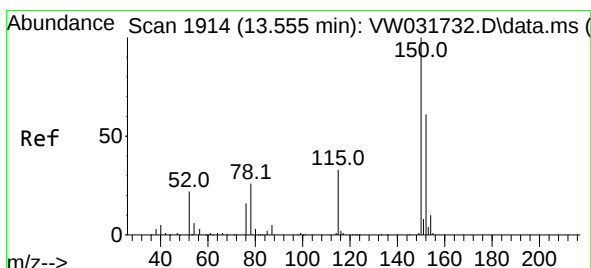
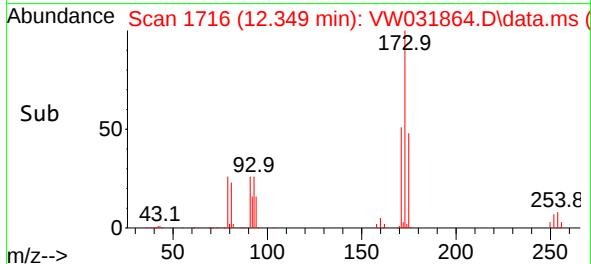
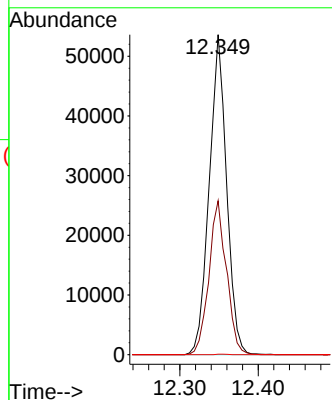
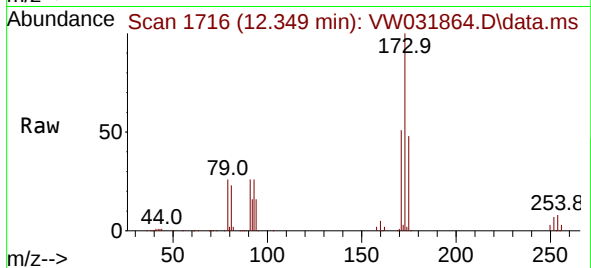
Tgt Ion:173 Resp: 82513

Ion Ratio Lower Upper

173 100

175 48.6 24.0 72.0

254 0.1 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: VW031864.D

Acq: 16 Jul 2025 09:22

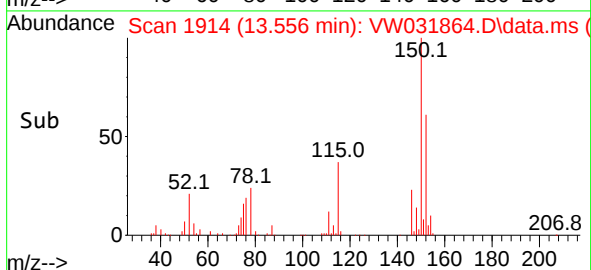
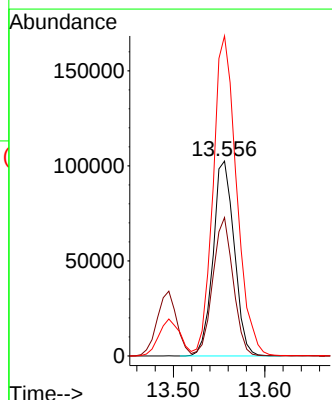
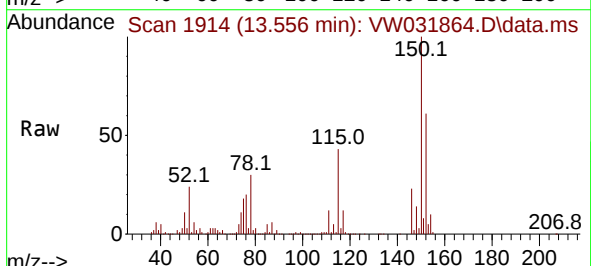
Tgt Ion:152 Resp: 164563

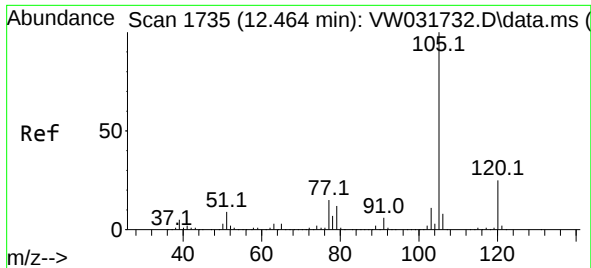
Ion Ratio Lower Upper

152 100

115 68.4 31.9 95.7

150 182.2 0.0 356.4

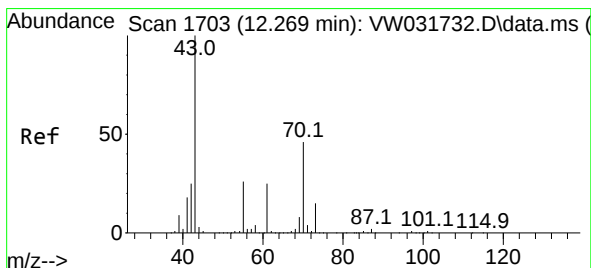
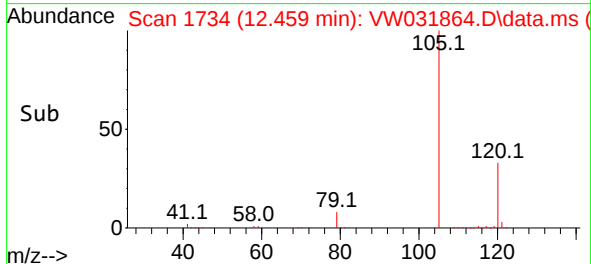
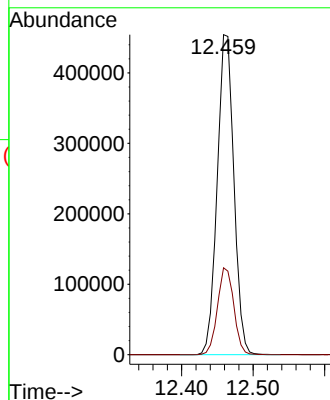
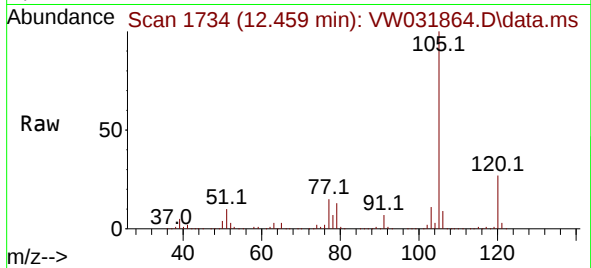




#73
Isopropylbenzene
Concen: 58.775 ug/l
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

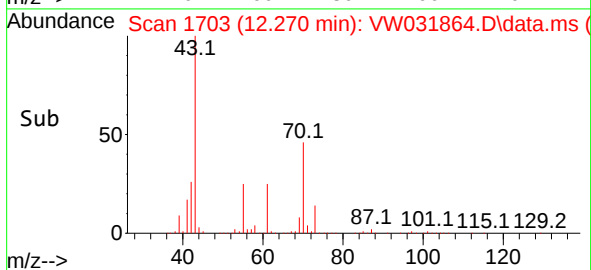
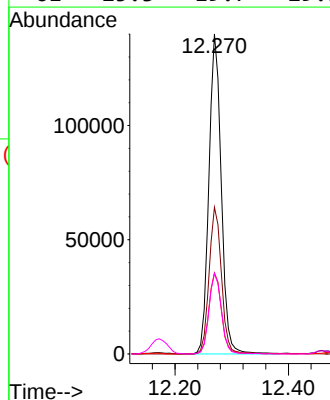
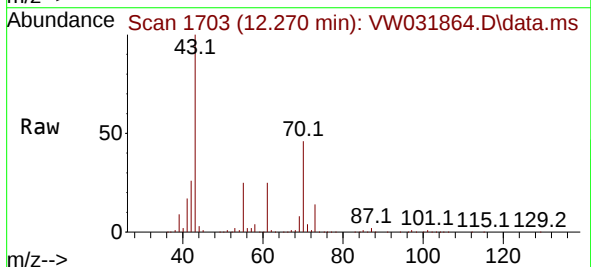
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

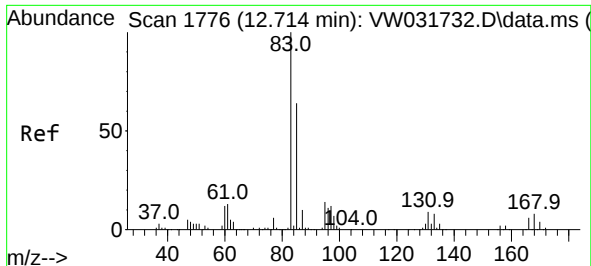
Tgt Ion:105 Resp: 735716
Ion Ratio Lower Upper
105 100
120 26.5 12.8 38.4



#74
N-ethyl acetate
Concen: 62.864 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 43 Resp: 212097
Ion Ratio Lower Upper
43 100
70 45.9 36.0 54.0
55 26.0 20.8 31.2
61 25.3 19.7 29.5

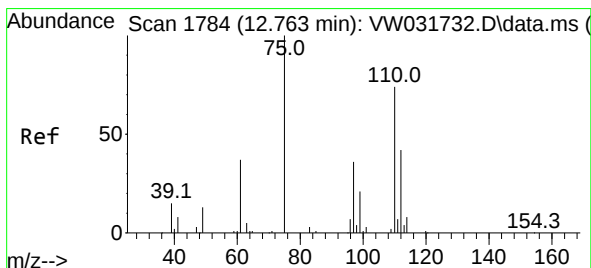
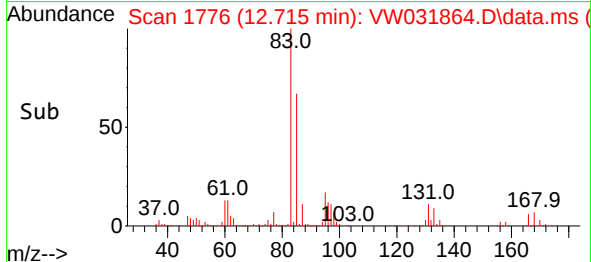
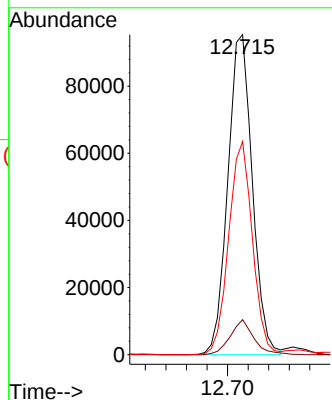
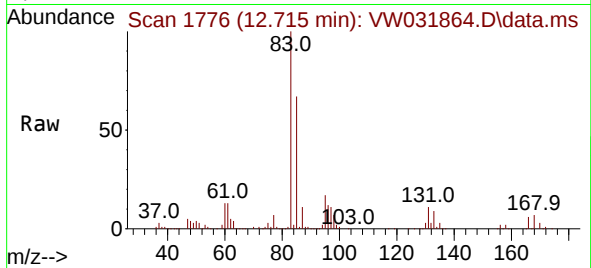




#75
1,1,2,2-Tetrachloroethane
Concen: 56.908 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

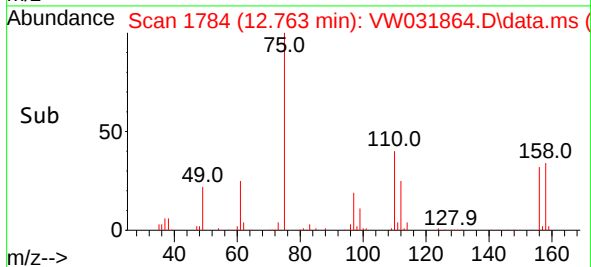
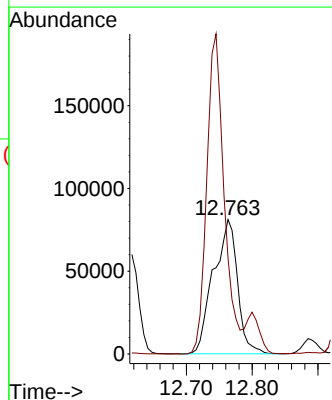
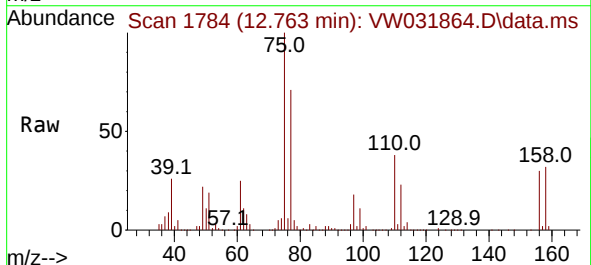
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

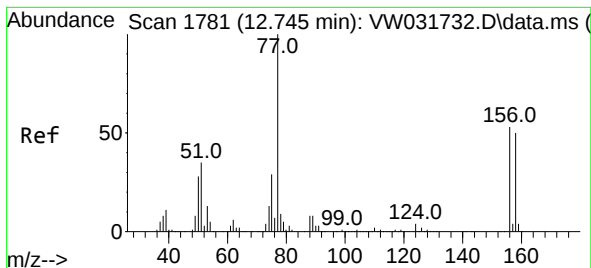
Tgt Ion: 83 Resp: 158147
Ion Ratio Lower Upper
83 100
131 10.5 5.3 16.1
85 64.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 97.218 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 75 Resp: 206745
Ion Ratio Lower Upper
75 100
77 171.3 141.2 423.6





#77

Bromobenzene

Concen: 58.990 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

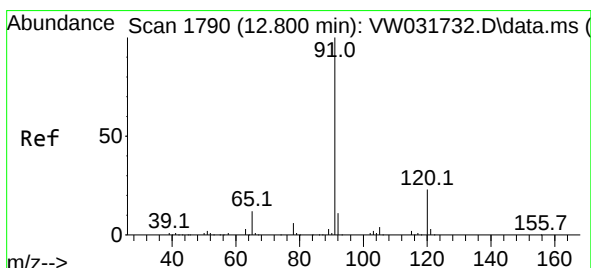
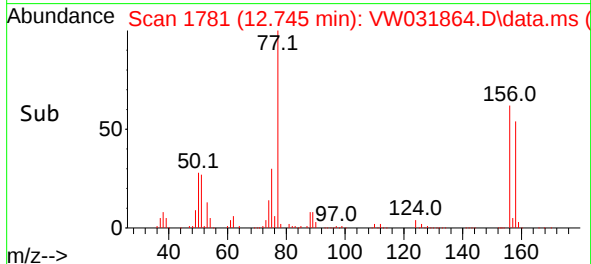
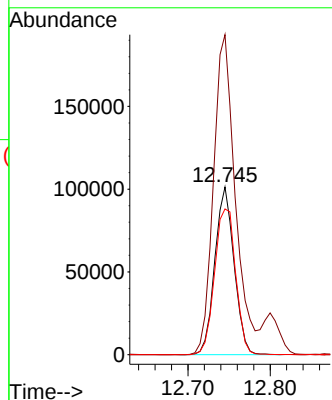
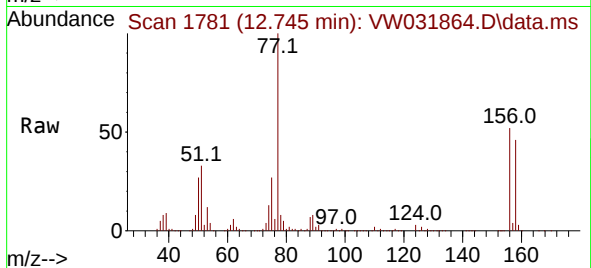
Tgt Ion:156 Resp: 164690

Ion Ratio Lower Upper

156 100

77 215.0 117.9 353.7

158 95.7 52.6 157.8



#78

n-propylbenzene

Concen: 59.674 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031864.D

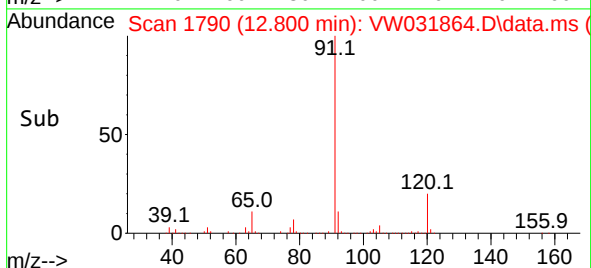
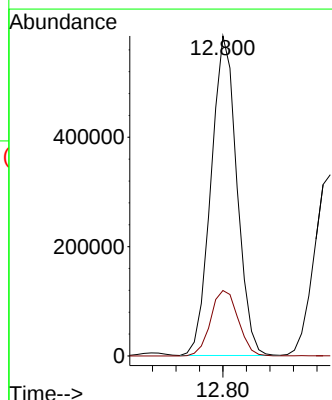
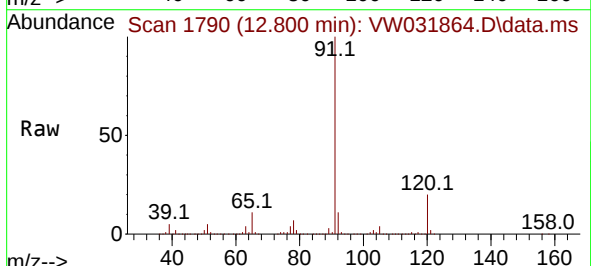
Acq: 16 Jul 2025 09:22

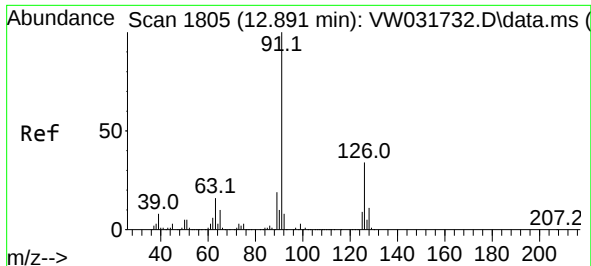
Tgt Ion: 91 Resp: 894476

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4

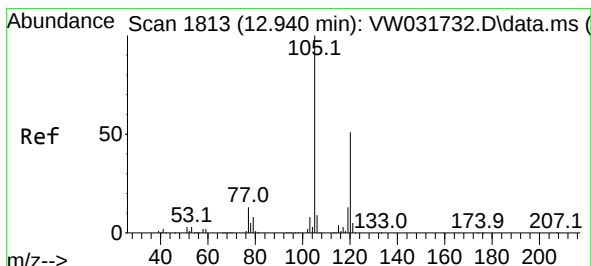
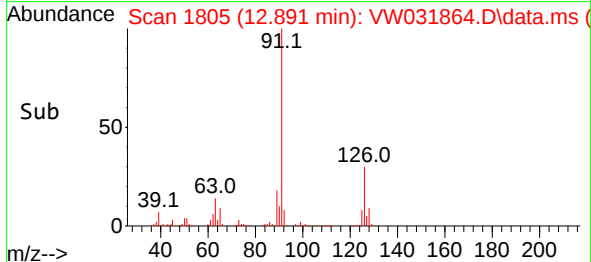
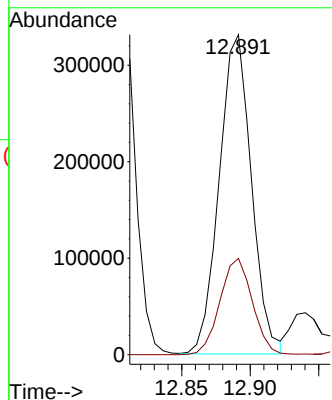
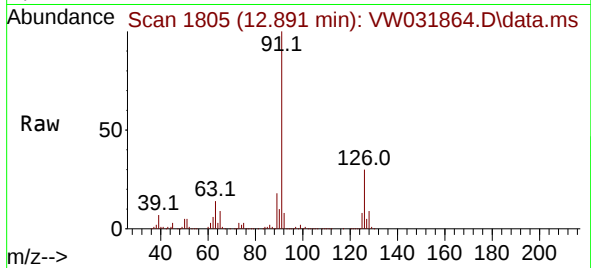




#79
2-Chlorotoluene
Concen: 59.962 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

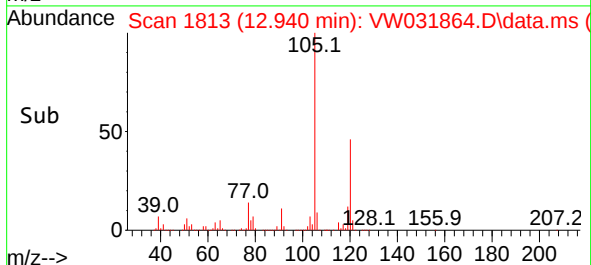
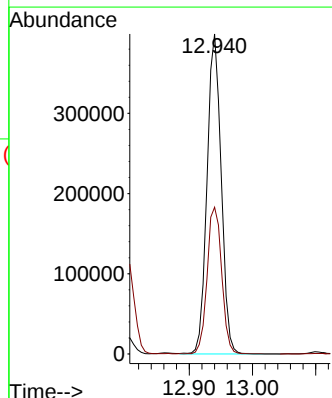
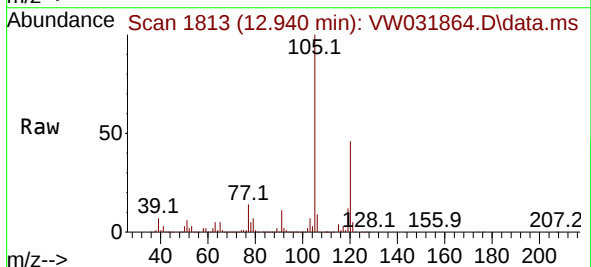
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 541235
Ion Ratio Lower Upper
91 100
126 30.4 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 59.825 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 105 Resp: 619871
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.2

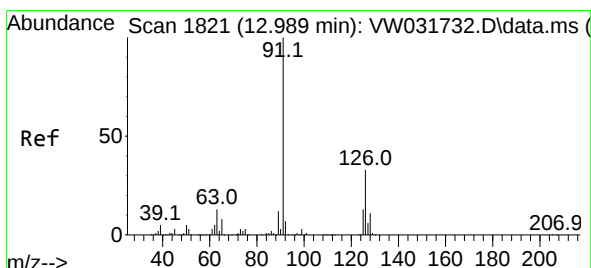
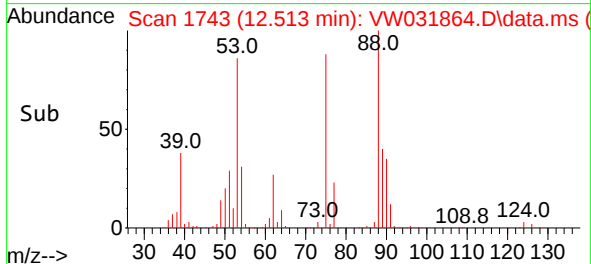
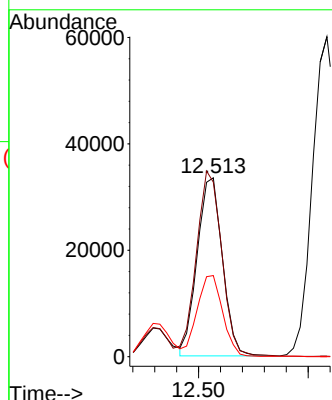
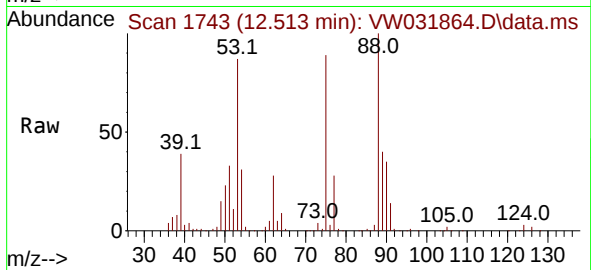




#81
trans-1,4-Dichloro-2-butene
Concen: 58.591 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

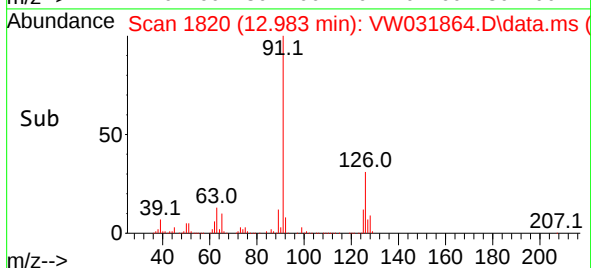
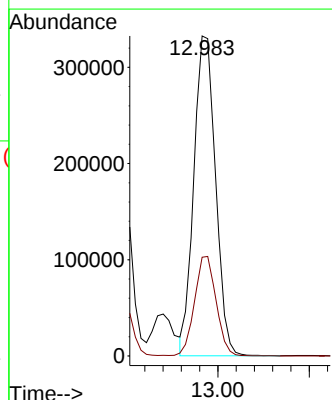
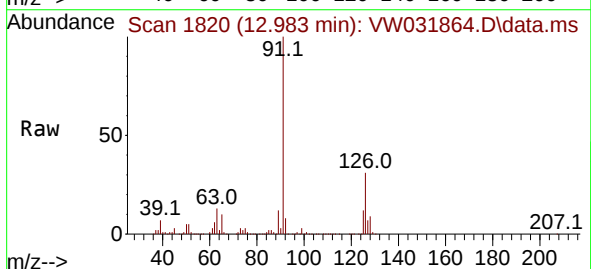
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

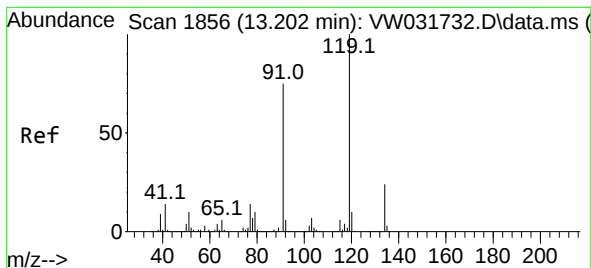
Tgt Ion: 75 Resp: 53496
Ion Ratio Lower Upper
75 100
53 105.9 83.5 125.3
89 46.1 38.3 57.5



#82
4-Chlorotoluene
Concen: 57.857 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031864.D
Acq: 16 Jul 2025 09:22

Tgt Ion: 91 Resp: 548286
Ion Ratio Lower Upper
91 100
126 31.1 16.0 47.9





#83

tert-Butylbenzene

Concen: 60.408 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

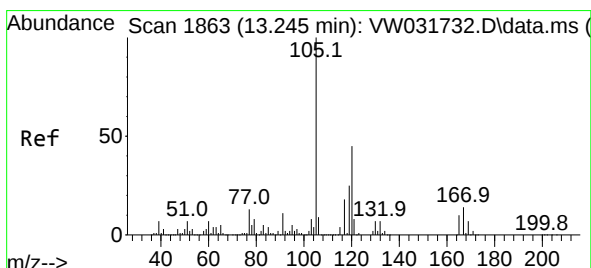
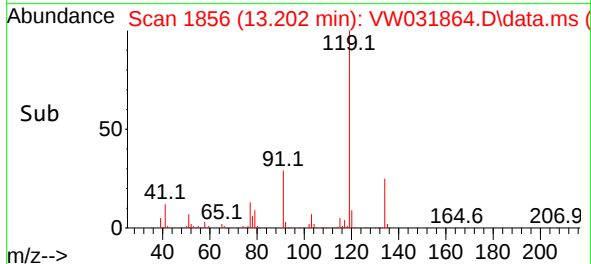
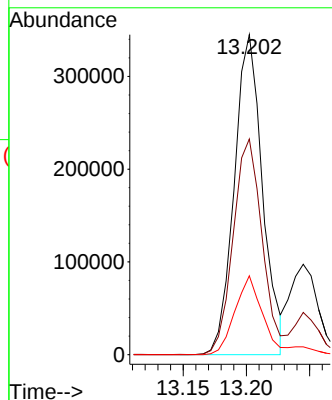
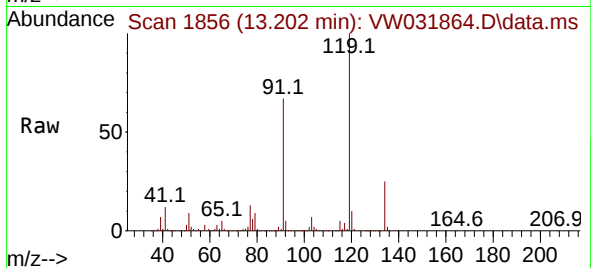
Tgt Ion:119 Resp: 536152

Ion Ratio Lower Upper

119 100

91 68.7 36.0 108.1

134 24.0 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 58.408 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031864.D

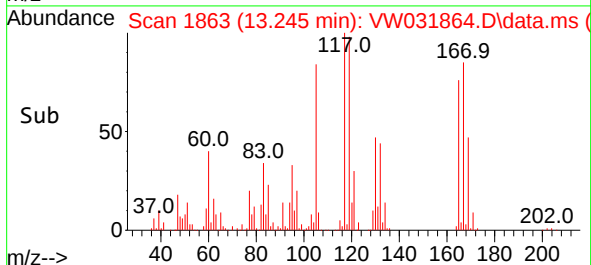
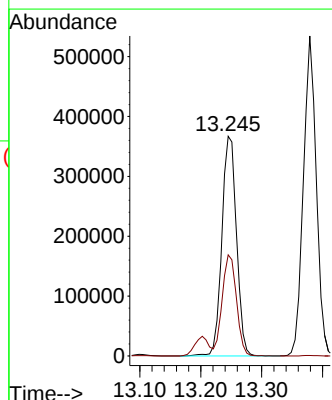
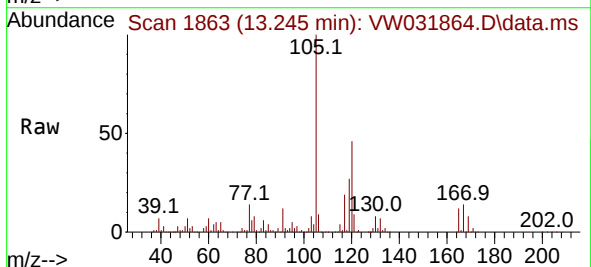
Acq: 16 Jul 2025 09:22

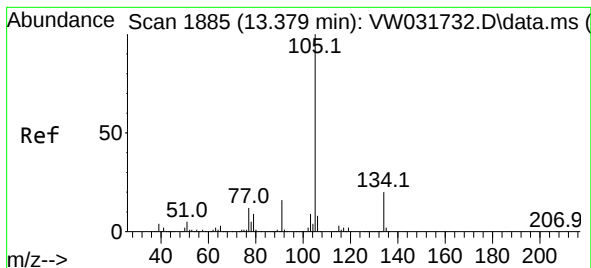
Tgt Ion:105 Resp: 613184

Ion Ratio Lower Upper

105 100

120 44.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 59.028 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

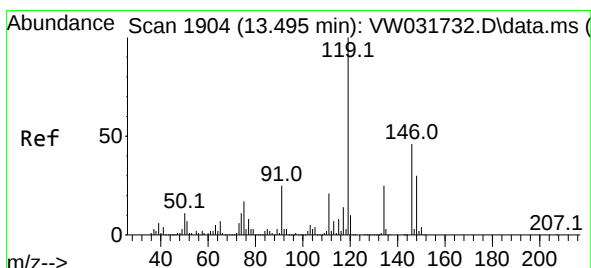
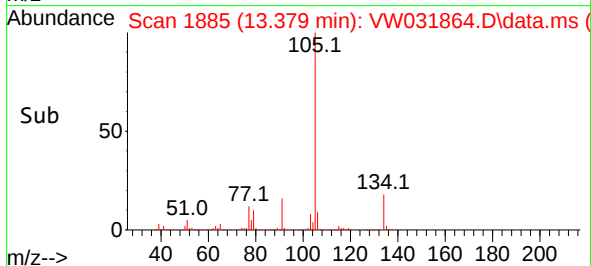
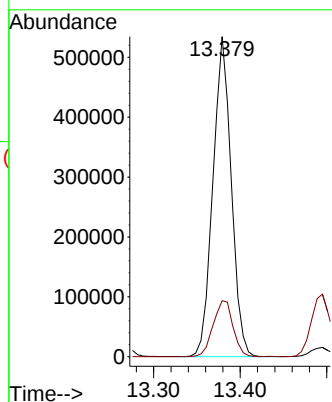
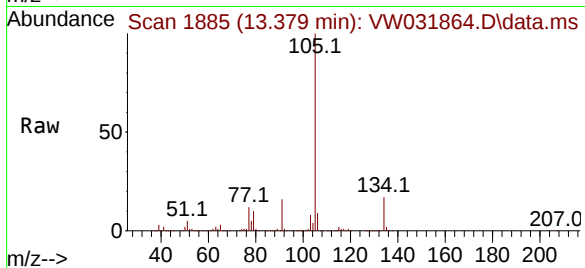
VSTDCCC050

Tgt Ion:105 Resp: 786363

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 61.112 ug/l

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

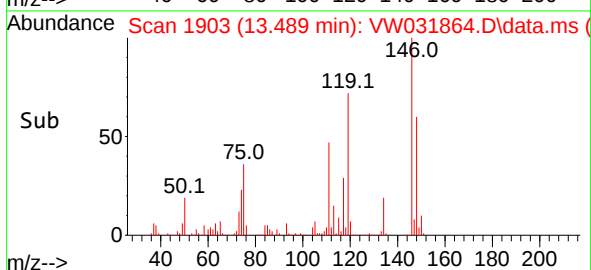
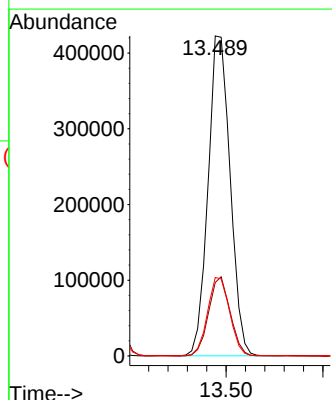
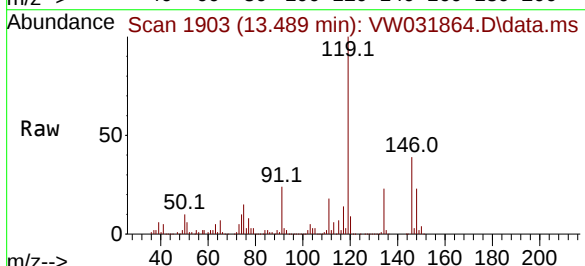
Tgt Ion:119 Resp: 670953

Ion Ratio Lower Upper

119 100

134 24.1 12.9 38.7

91 24.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 57.209 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

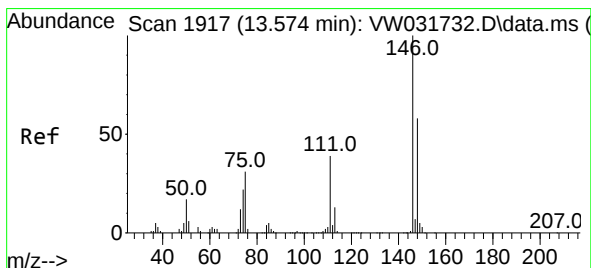
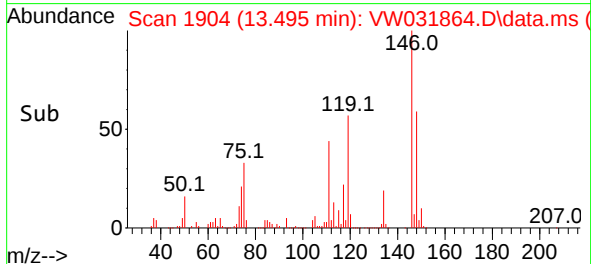
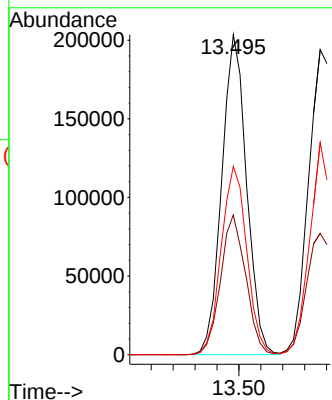
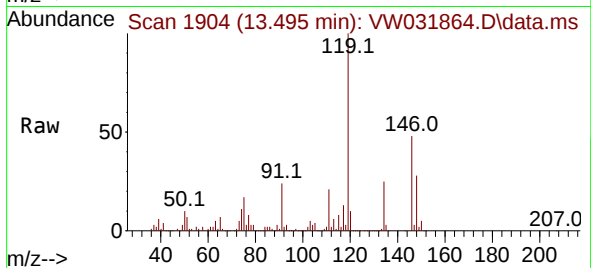
Tgt Ion:146 Resp: 320309

Ion Ratio Lower Upper

146 100

111 44.2 22.3 66.9

148 60.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 55.665 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

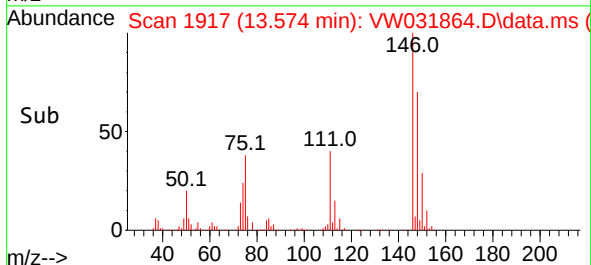
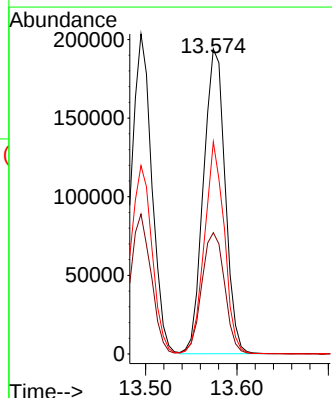
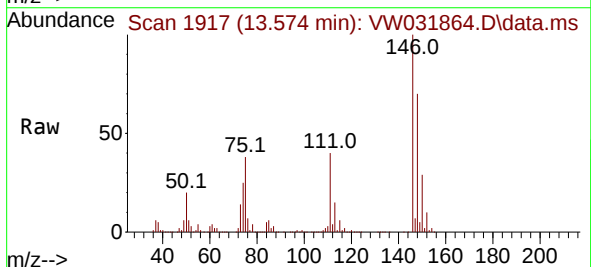
Tgt Ion:146 Resp: 319000

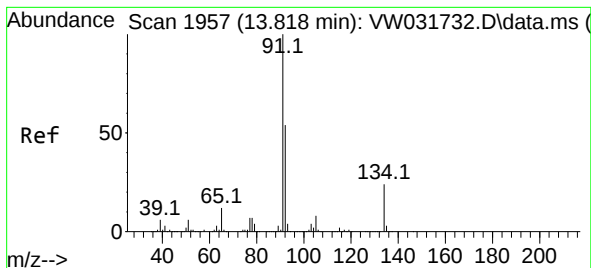
Ion Ratio Lower Upper

146 100

111 41.9 20.4 61.3

148 63.7 30.2 90.6





#89

n-Butylbenzene

Concen: 60.626 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

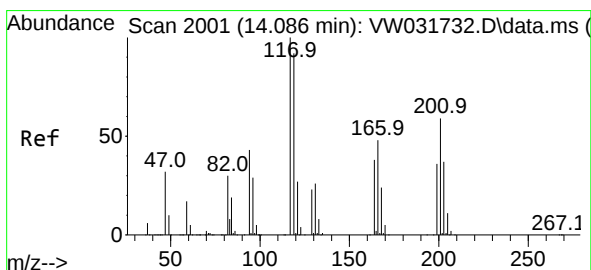
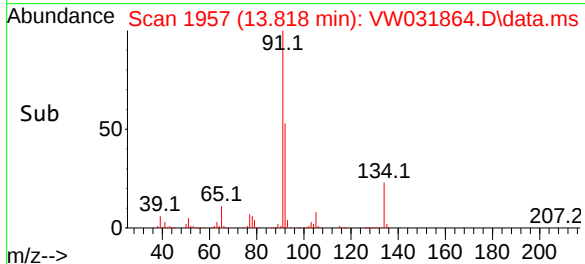
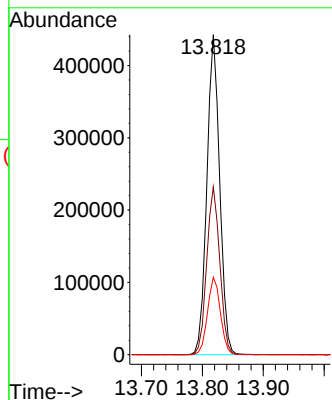
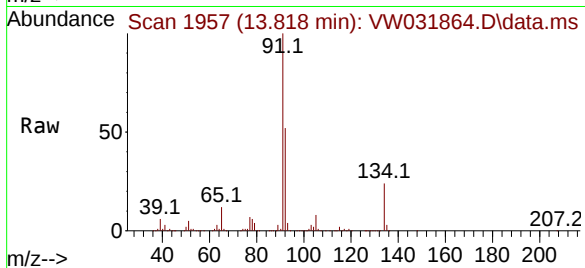
Tgt Ion: 91 Resp: 646721

Ion Ratio Lower Upper

91 100

92 53.5 27.2 81.5

134 24.3 12.2 36.6



#90

Hexachloroethane

Concen: 56.050 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031864.D

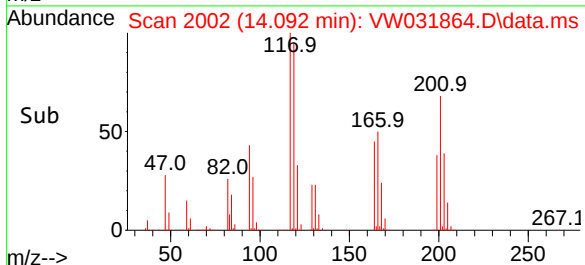
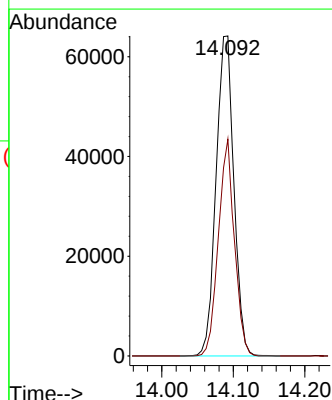
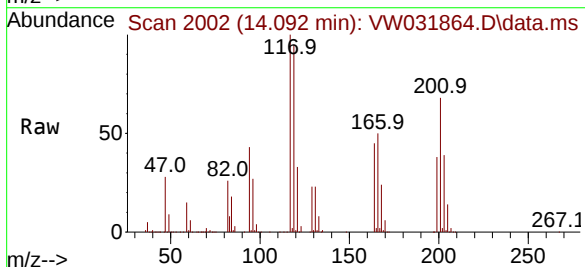
Acq: 16 Jul 2025 09:22

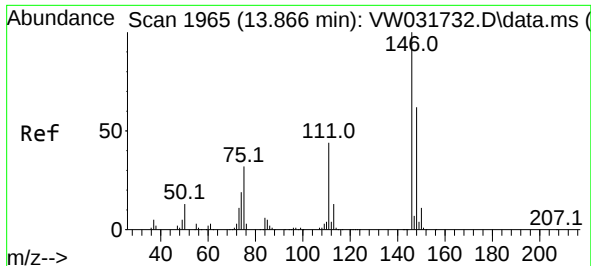
Tgt Ion: 117 Resp: 111020

Ion Ratio Lower Upper

117 100

201 61.2 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 56.287 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

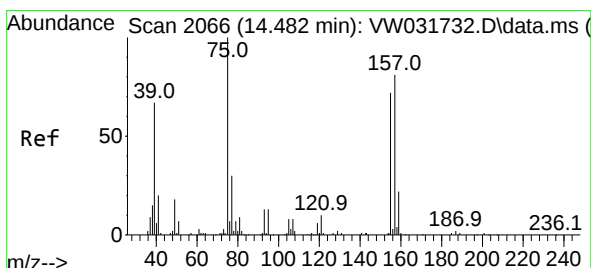
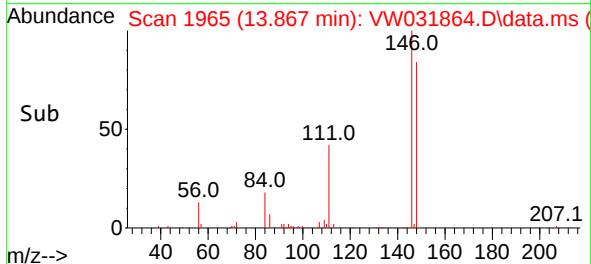
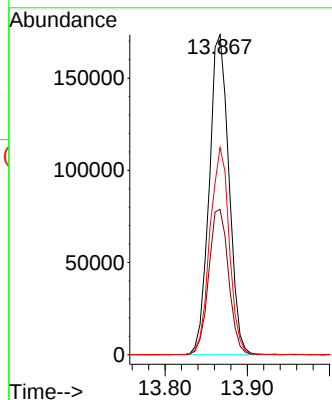
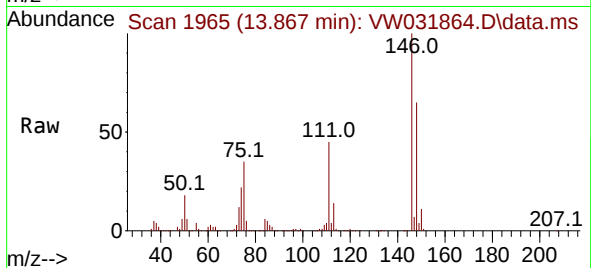
Tgt Ion:146 Resp: 288040

Ion Ratio Lower Upper

146 100

111 46.0 21.7 65.1

148 63.7 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.813 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

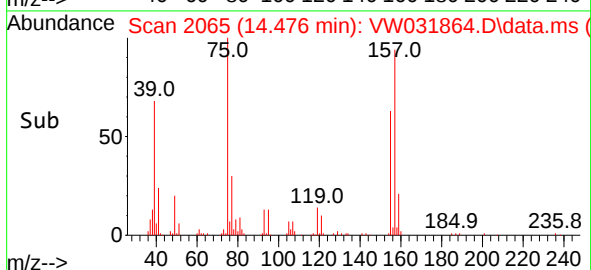
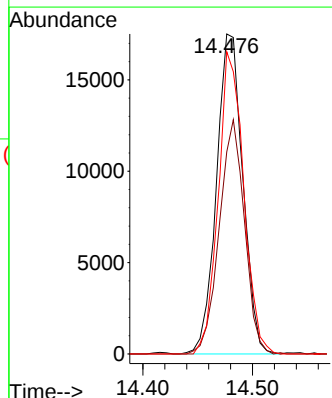
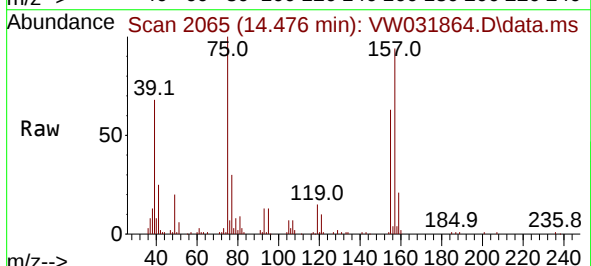
Tgt Ion: 75 Resp: 29200

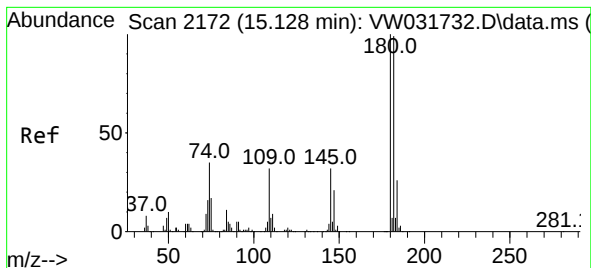
Ion Ratio Lower Upper

75 100

155 70.1 37.2 111.6

157 90.9 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 57.414 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

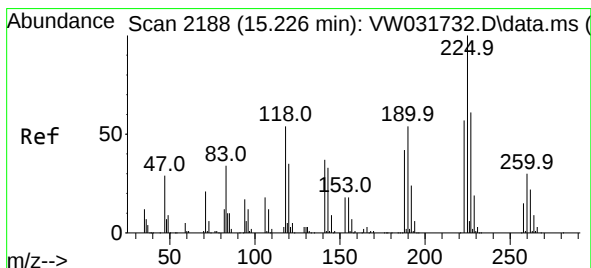
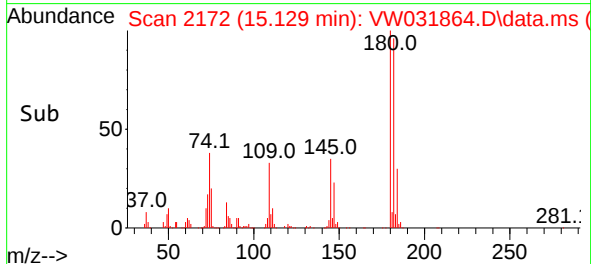
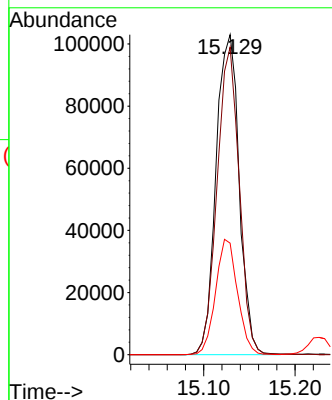
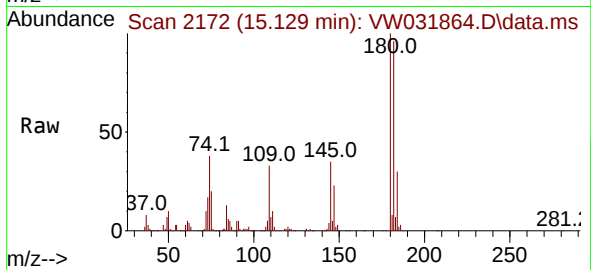
Tgt Ion:180 Resp: 181198

Ion Ratio Lower Upper

180 100

182 92.0 48.6 145.9

145 34.3 17.3 51.7



#94

Hexachlorobutadiene

Concen: 56.900 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

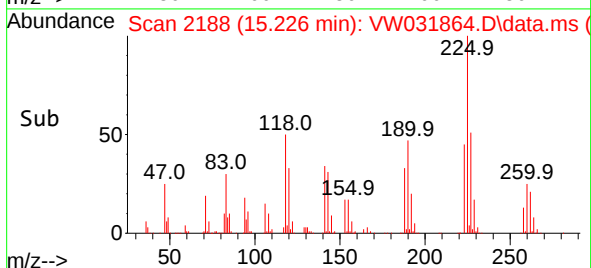
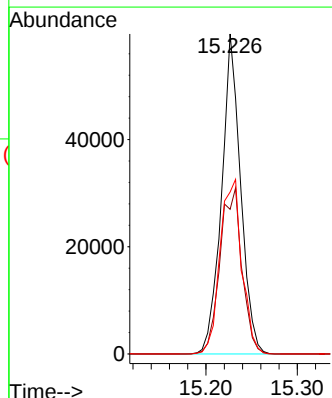
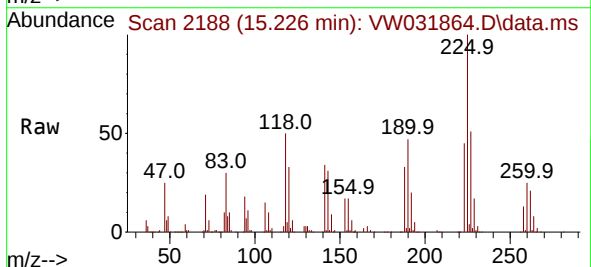
Tgt Ion:225 Resp: 86713

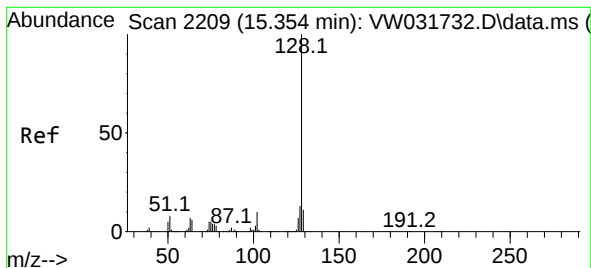
Ion Ratio Lower Upper

225 100

223 59.5 32.6 97.8

227 62.3 37.3 111.8





#95

Naphthalene

Concen: 59.641 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

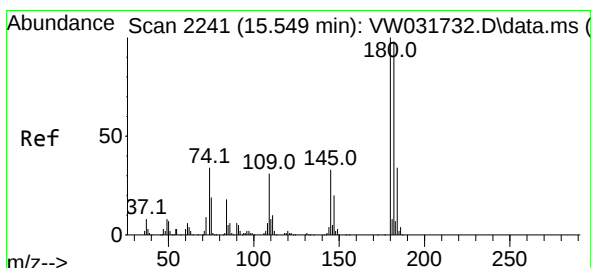
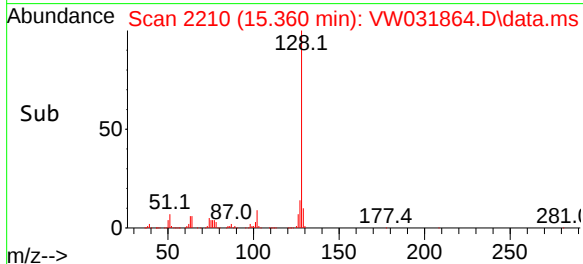
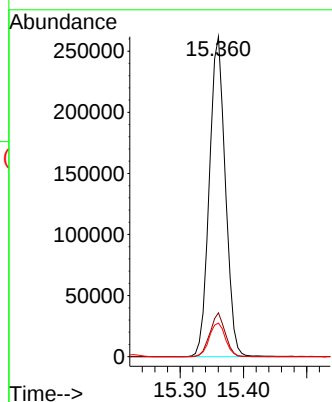
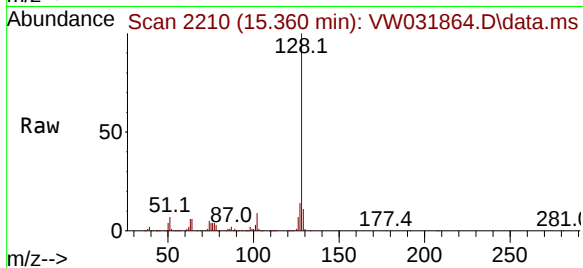
Tgt Ion:128 Resp: 461458

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.469 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031864.D

Acq: 16 Jul 2025 09:22

Tgt Ion:180 Resp: 152153

Ion Ratio Lower Upper

180 100

182 104.0 46.4 139.1

145 41.1 17.8 53.3

