

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063539.D
 Acq On : 18 Jul 2025 16:24
 Operator : MD/SY
 Sample : Q2552-08DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS0725-PT-UNRVOA-WSDL

Quant Time: Jul 18 23:51:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

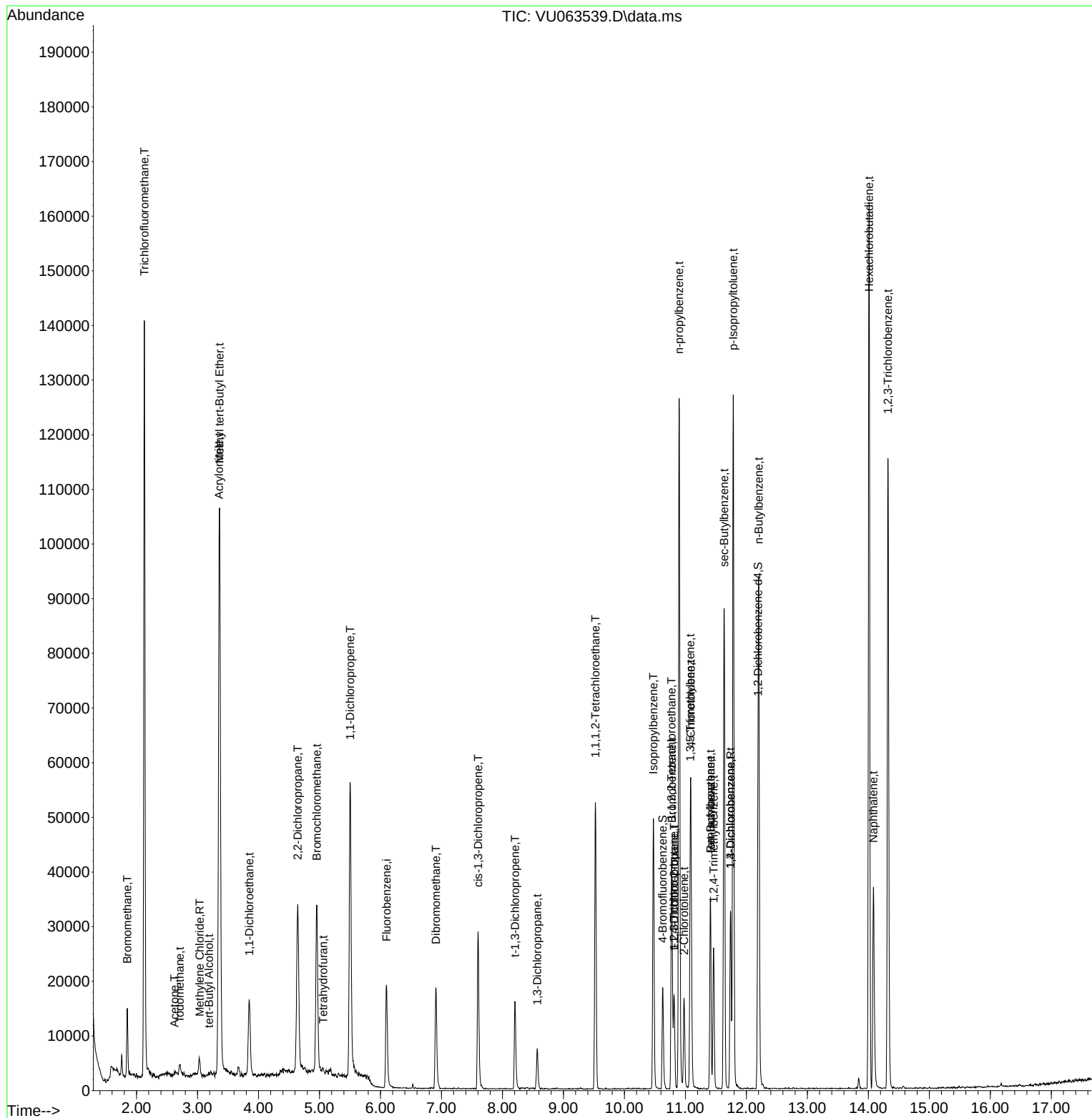
Internal Standards						
1) Fluorobenzene	6.100	96	18307	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	6937	1.001	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	6716	1.048	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.849	94	5509	1.143	ug/l	99
7) Trichlorofluoromethane	2.129	101	87541	9.541	ug/l	98
10) Iodomethane	2.708	142	2061	1.179	ug/l	92
12) Acrylonitrile	3.354	53	1415	1.190	ug/l	# 19
13) Acetone	2.621	43	787	0.826	ug/l	99
15) Methylene Chloride	3.036	84	1482	0.265	ug/l	93
17) 1,1-Dichloroethane	3.849	63	16340	1.633	ug/l	98
21) 2,2-Dichloropropane	4.643	77	21580	2.533	ug/l	94
24) tert-Butyl Alcohol	3.187	59	202	0.462	ug/l	# 72
25) Methyl tert-Butyl Ether	3.361	73	117828	9.496	ug/l	99
26) Bromochloromethane	4.955	128	9035	3.694	ug/l	94
29) 1,1-Dichloropropene	5.505	75	30453	3.794	ug/l	97
41) Tetrahydrofuran	5.061	42	260	0.247	ug/l	# 30
43) Dibromomethane	6.910	93	8049	3.078	ug/l	93
46) t-1,4-Dichloro-2-butene	10.814	75	7577	7.490	ug/l	# 31
50) t-1,3-Dichloropropene	8.206	75	9438	2.040	ug/l	96
51) cis-1,3-Dichloropropene	7.602	75	16523	2.661	ug/l	94
53) 1,3-Dichloropropane	8.573	76	4537	0.747	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	12715	2.924	ug/l	97
61) Pentachloroethane	11.412	117	705	0.229	ug/l	# 9
69) Isopropylbenzene	10.476	105	32470	1.545	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.772	83	12200	2.848	ug/l	96
71) 1,2,3-Trichloropropane	10.814	75	7577	2.178	ug/l	# 96
72) Bromobenzene	10.778	156	4727	0.872	ug/l	88
73) n-propylbenzene	10.897	120	22074	3.489	ug/l	92
74) 2-Chlorotoluene	10.981	126	3005	0.537	ug/l	84
75) 1,3,5-Trimethylbenzene	11.081	105	18365	0.915	ug/l	98
76) 4-Chlorotoluene	11.090	126	6710	1.182	ug/l	99
77) tert-Butylbenzene	11.412	119	16207	0.845	ug/l	89
78) 1,2,4-Trimethylbenzene	11.463	105	15217	0.764	ug/l	96
79) sec-Butylbenzene	11.634	105	61202	2.366	ug/l	96
81) p-Isopropyltoluene	11.785	119	69619	3.224	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	13904	1.281	ug/l	98
83) 1,4-Dichlorobenzene	11.743	146	13904	1.280	ug/l	98
84) n-Butylbenzene	12.203	91	47169	2.355	ug/l	97
88) Hexachlorobutadiene	14.013	225	24756	6.876	ug/l	98
89) Naphthalene	14.084	128	33751	2.971	ug/l	98
90) 1,2,3-Trichlorobenzene	14.322	180	32717	5.585	ug/l	97

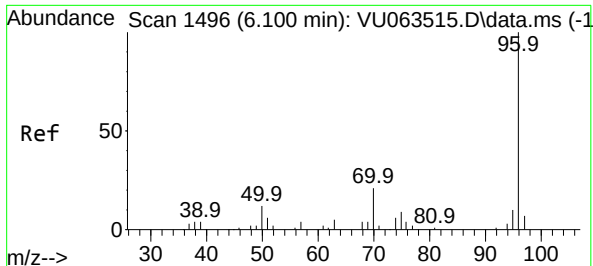
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Response via : Initial Calibration

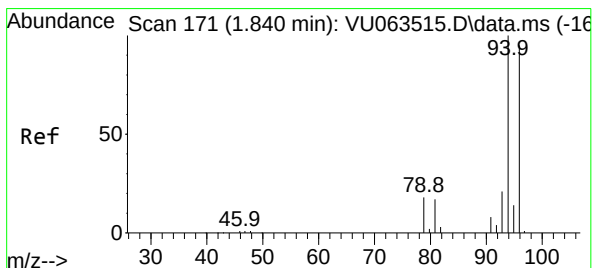
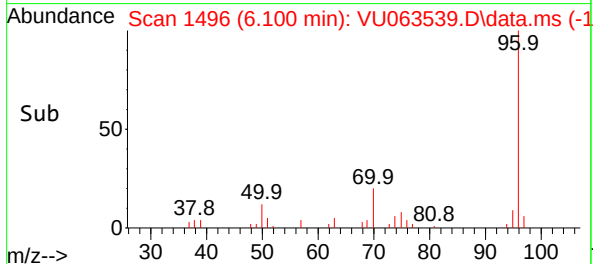
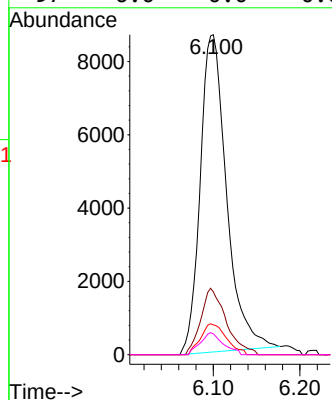
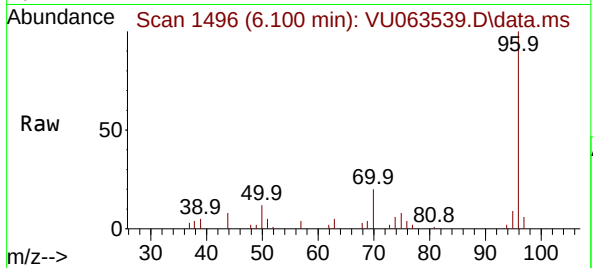




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

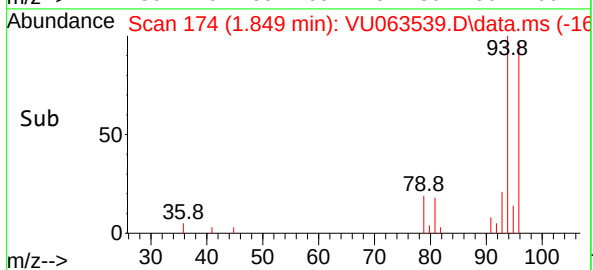
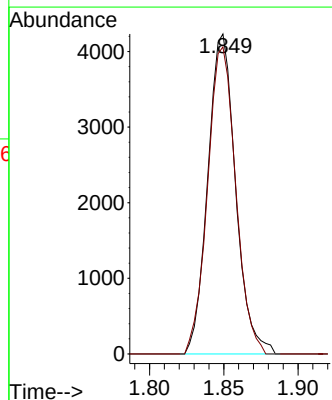
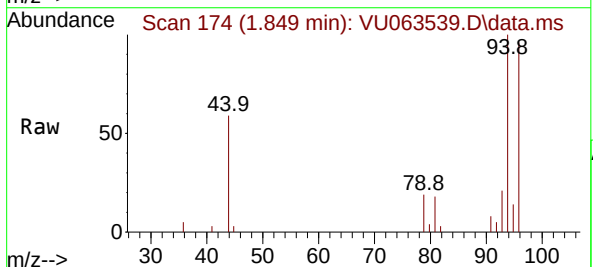
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-UNRVOA-WSDL

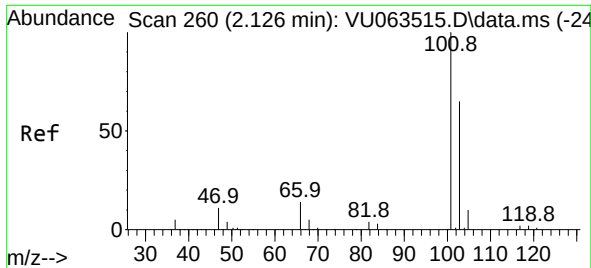
Tgt Ion:	96	Resp:	18307
Ion	Ratio	Lower	Upper
96	100		
70	20.1	15.0	22.4
95	9.5	7.4	11.0
97	6.0	0.0	0.0



#5
Bromomethane
Concen: 1.143 ug/l
RT: 1.849 min Scan# 174
Delta R.T. 0.010 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion:	94	Resp:	5509
Ion	Ratio	Lower	Upper
94	100		
96	95.9	75.8	113.6

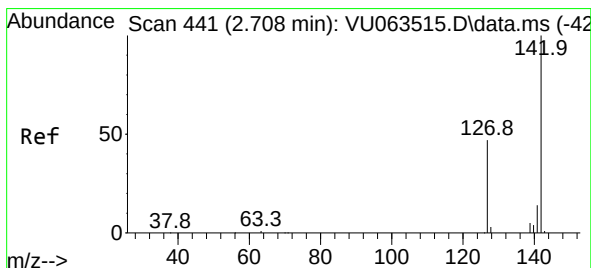
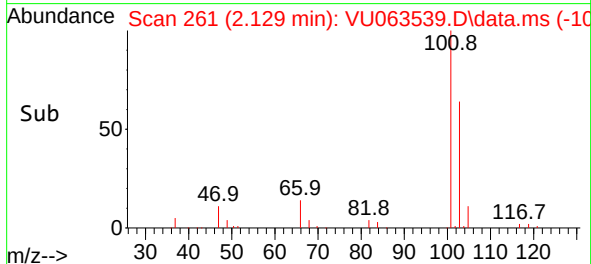
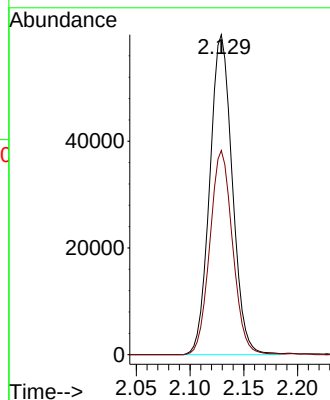
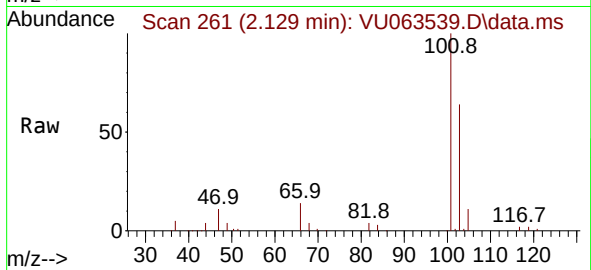




#7
 Trichlorofluoromethane
 Concen: 9.541 ug/l
 RT: 2.129 min Scan# 2
 Delta R.T. 0.003 min
 Lab File: VU063539.D
 Acq: 18 Jul 2025 16:24

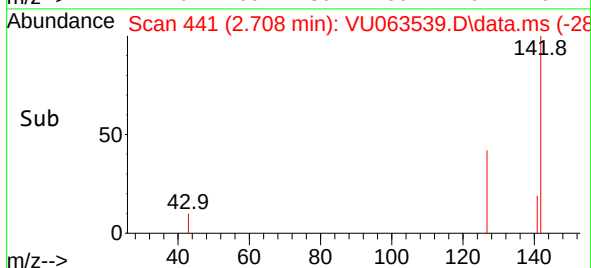
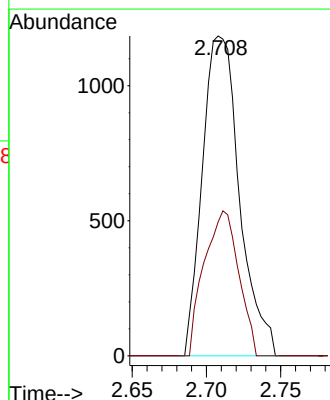
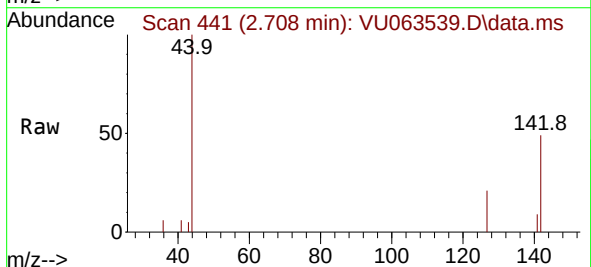
Instrument :
 MSVOA_U
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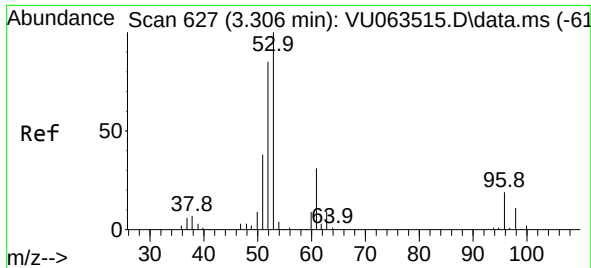
Tgt Ion:101 Resp: 87541
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.2 78.4



#10
 Iodomethane
 Concen: 1.179 ug/l
 RT: 2.708 min Scan# 441
 Delta R.T. -0.000 min
 Lab File: VU063539.D
 Acq: 18 Jul 2025 16:24

Tgt Ion:142 Resp: 2061
 Ion Ratio Lower Upper
 142 100
 127 42.0 37.9 56.9





#12

Acrylonitrile

Concen: 1.190 ug/l

RT: 3.354 min Scan# 642

Delta R.T. 0.048 min

Lab File: VU063539.D

Acq: 18 Jul 2025 16:24

Instrument :

MSVOA_U

ClientSampleId :

WS0725-PT-UNRVOA-WSDL

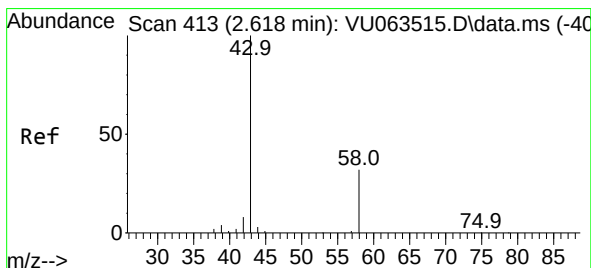
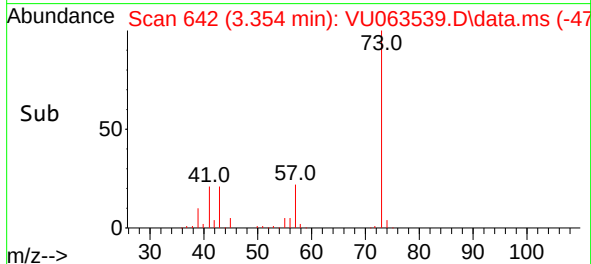
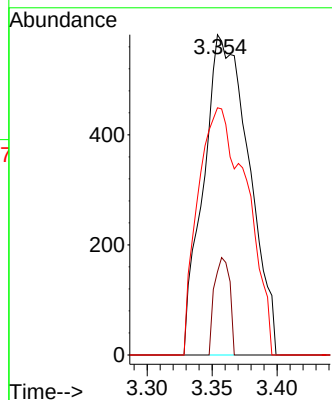
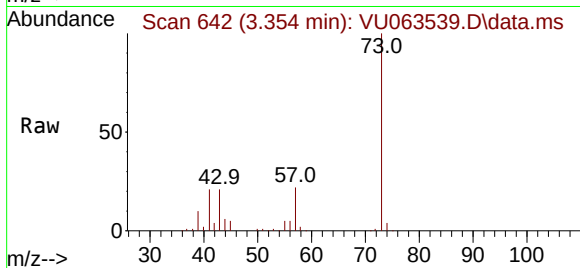
Tgt Ion: 53 Resp: 1415

Ion Ratio Lower Upper

53 100

52 10.2 64.3 96.5#

51 83.1 27.8 41.8#



#13

Acetone

Concen: 0.826 ug/l

RT: 2.621 min Scan# 414

Delta R.T. 0.003 min

Lab File: VU063539.D

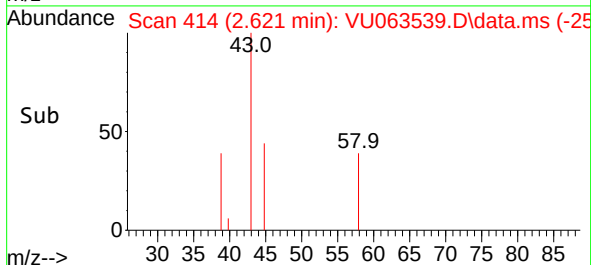
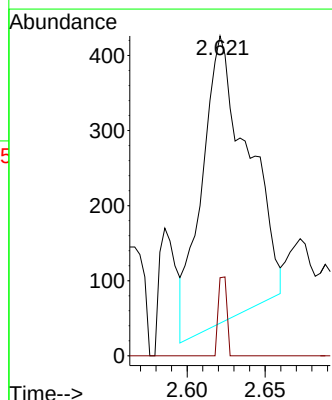
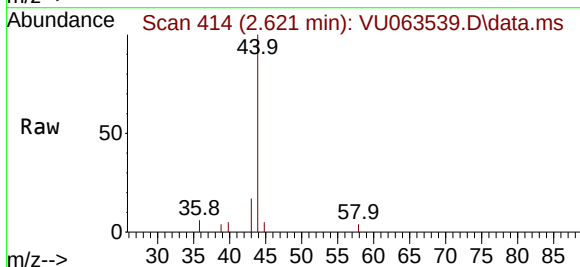
Acq: 18 Jul 2025 16:24

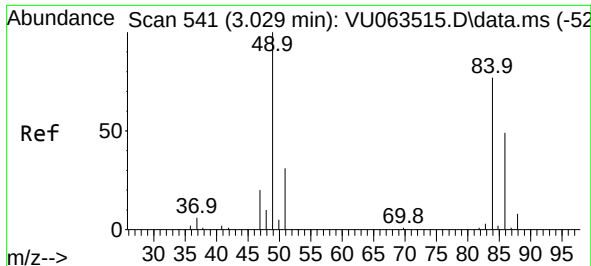
Tgt Ion: 43 Resp: 787

Ion Ratio Lower Upper

43 100

58 32.3 25.4 38.0



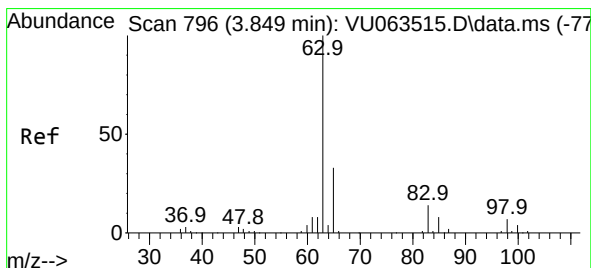
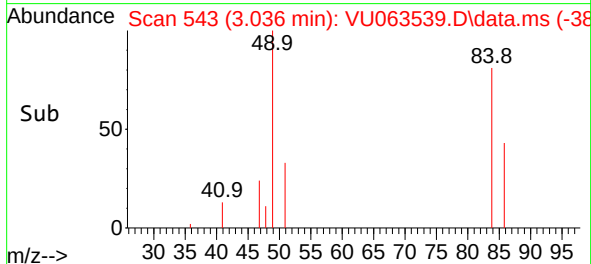
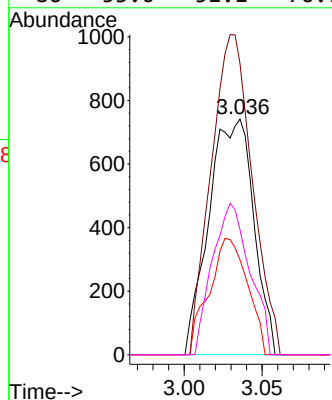
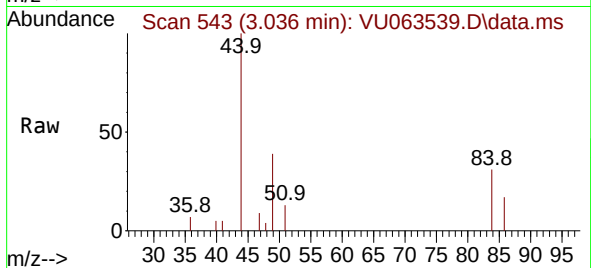


#15
Methylene Chloride
Concen: 0.265 ug/l
RT: 3.036 min Scan# 541
Delta R.T. 0.006 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-UNRVOA-WSDL

Tgt Ion: 84 Resp: 1482

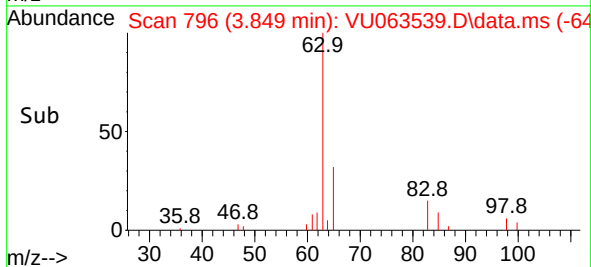
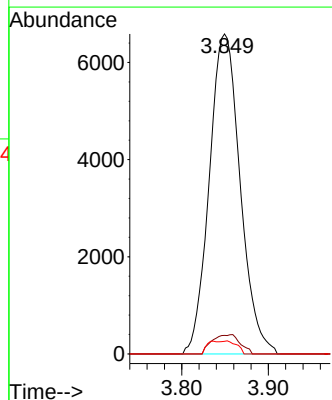
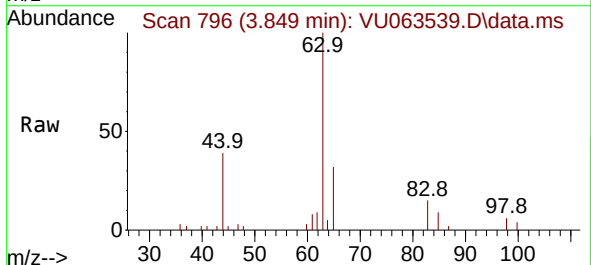
Ion	Ratio	Lower	Upper
84	100		
49	123.5	103.8	155.8
51	40.2	0.0	80.4
86	53.0	51.1	76.7

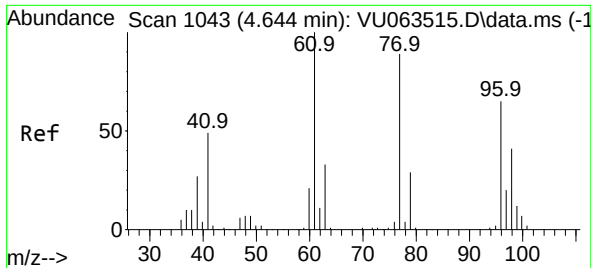


#17
1,1-Dichloroethane
Concen: 1.633 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion: 63 Resp: 16340

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.4	10.2
100	3.9	2.1	6.2

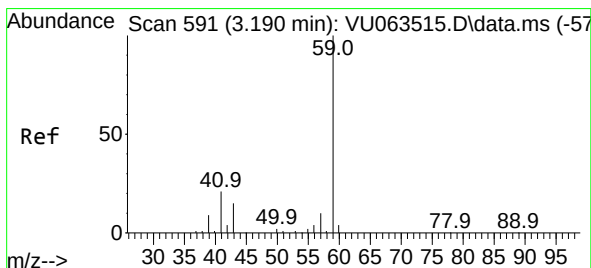
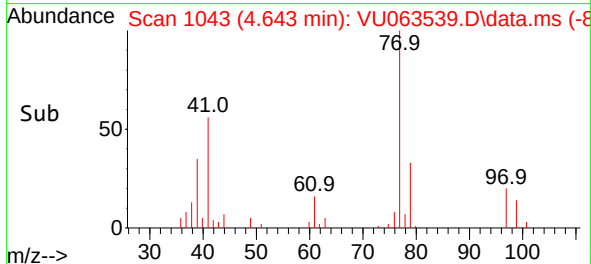
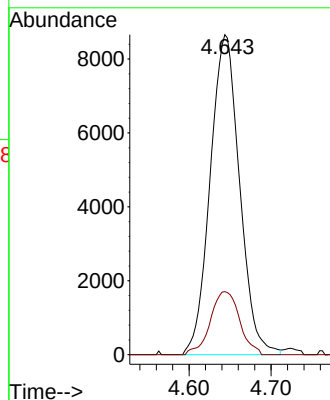
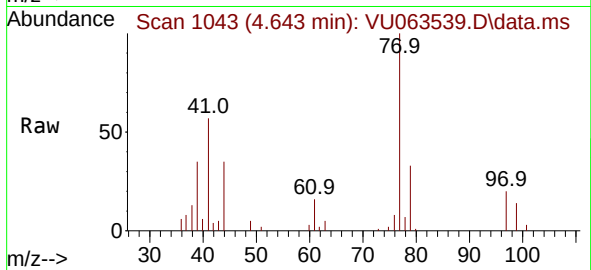




#21
2,2-Dichloropropane
Concen: 2.533 ug/l
RT: 4.643 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

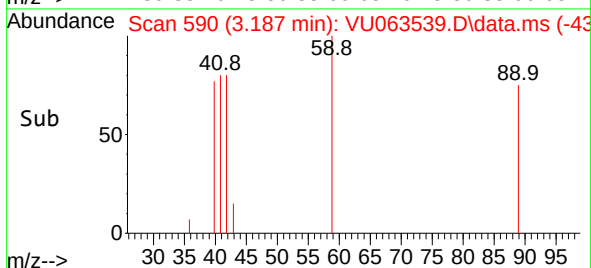
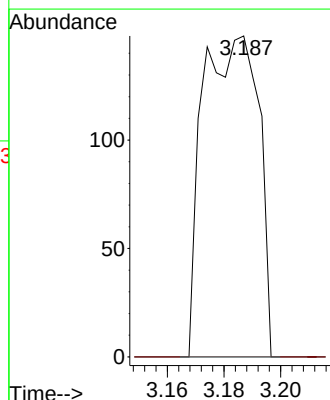
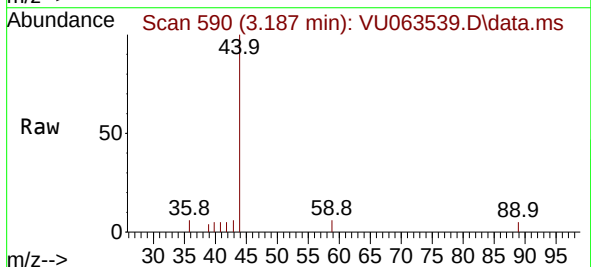
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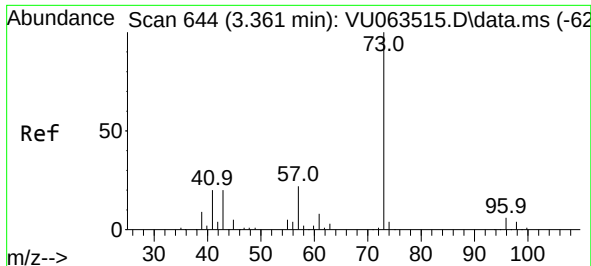
Tgt Ion: 77 Resp: 21580
Ion Ratio Lower Upper
77 100
97 19.6 17.8 26.8



#24
tert-Butyl Alcohol
Concen: 0.462 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion: 59 Resp: 202
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

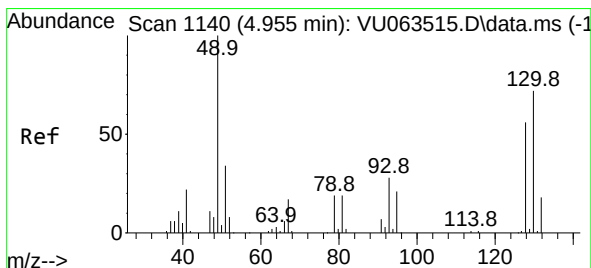
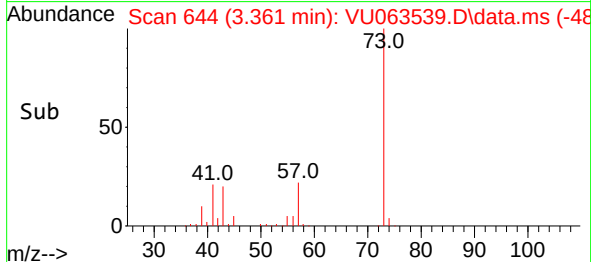
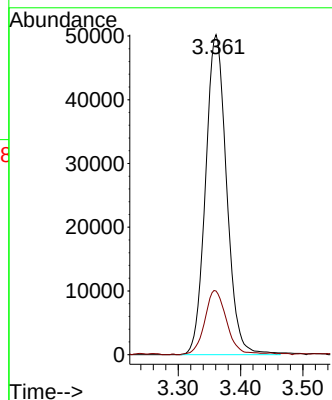
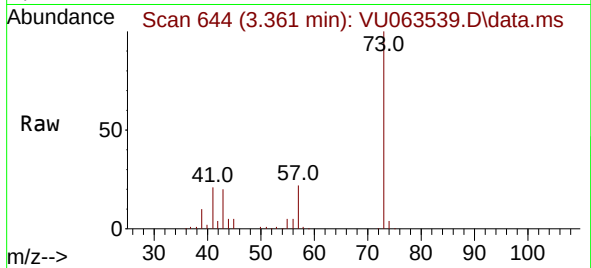




#25
Methyl tert-Butyl Ether
Concen: 9.496 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

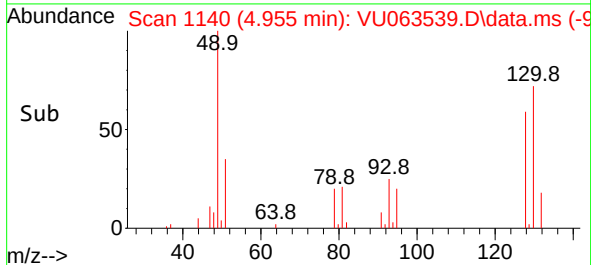
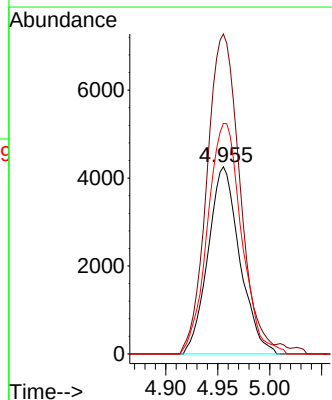
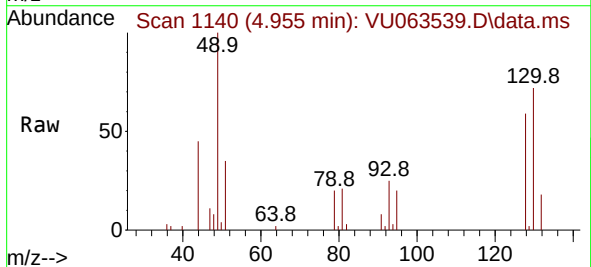
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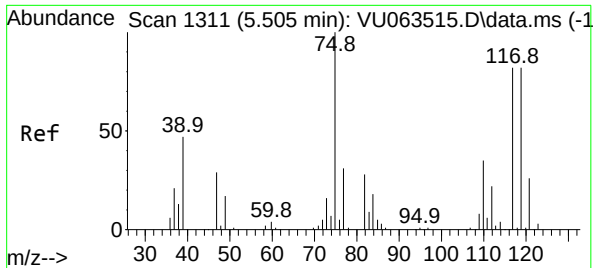
Tgt Ion: 73 Resp: 117828
Ion Ratio Lower Upper
73 100
43 20.9 16.2 24.2



#26
Bromochloromethane
Concen: 3.694 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion: 128 Resp: 9035
Ion Ratio Lower Upper
128 100
49 179.2 0.0 340.8
130 132.3 100.5 150.7

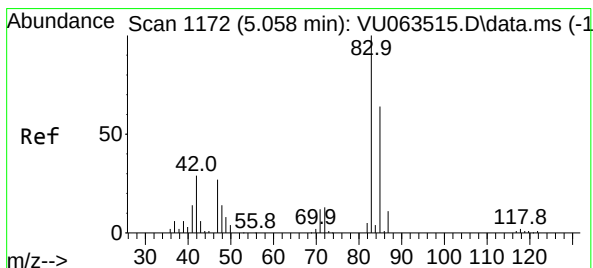
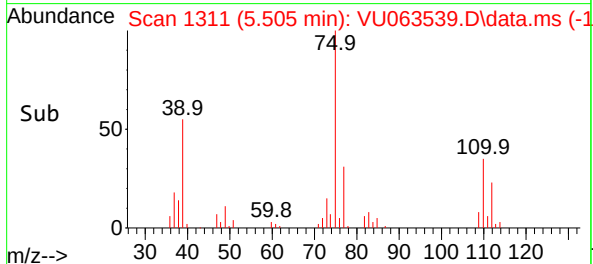
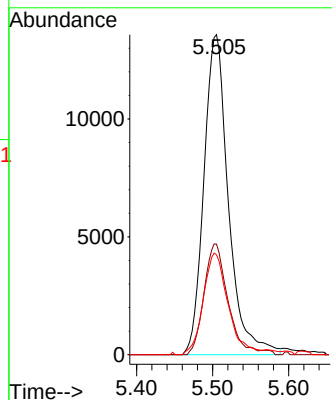
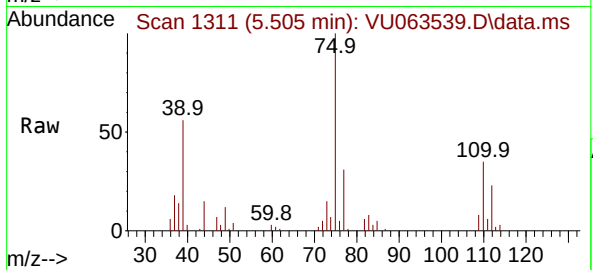




#29
1,1-Dichloropropene
Concen: 3.794 ug/l
RT: 5.505 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

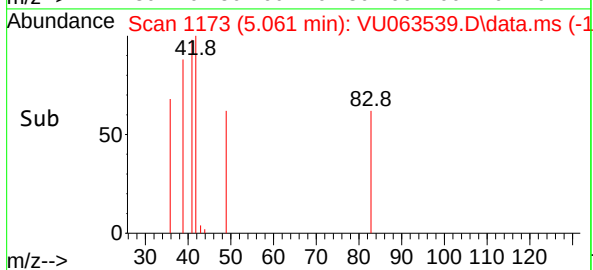
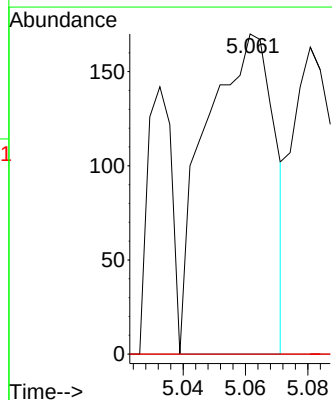
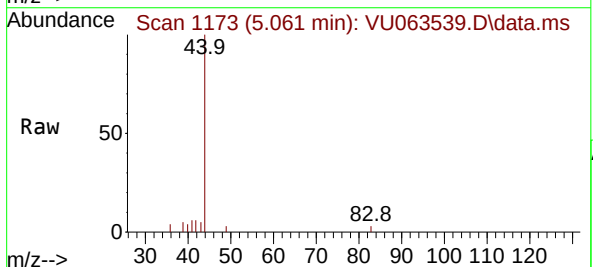
Instrument :
MSVOA_U
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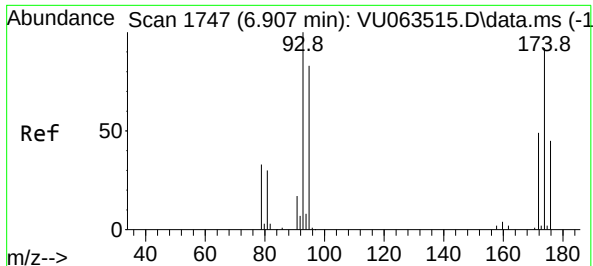
Tgt Ion: 75 Resp: 30453
Ion Ratio Lower Upper
75 100
110 33.3 17.8 53.4
77 32.1 24.6 37.0



#41
Tetrahydrofuran
Concen: 0.247 ug/l
RT: 5.061 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion: 42 Resp: 260
Ion Ratio Lower Upper
42 100
72 0.0 39.2 58.8#
71 0.0 34.8 52.2#

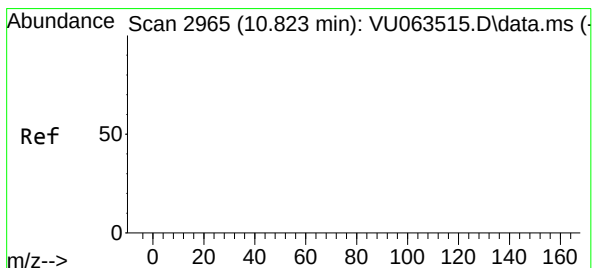
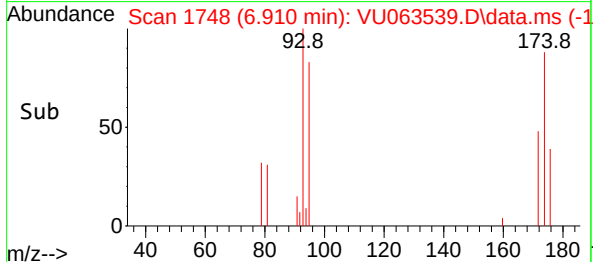
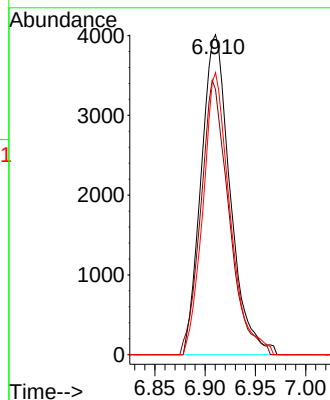
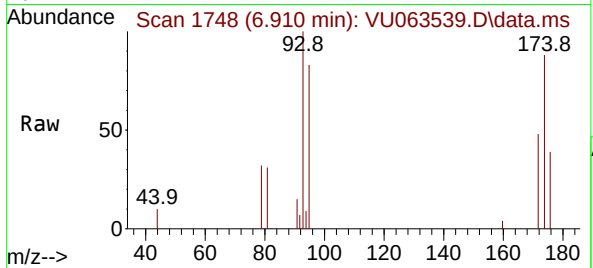




#43
Dibromomethane
Concen: 3.078 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

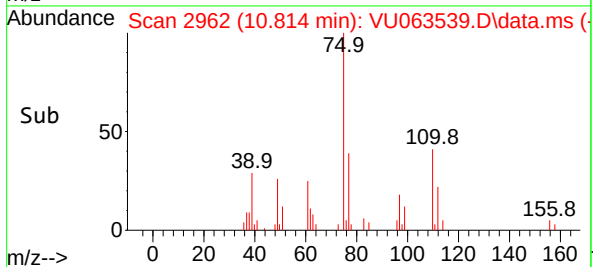
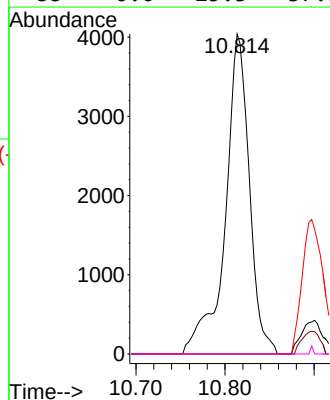
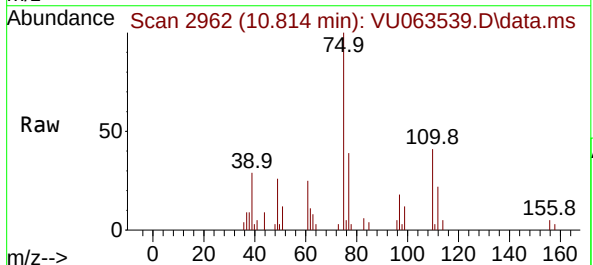
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-UNRVOA-WSDL

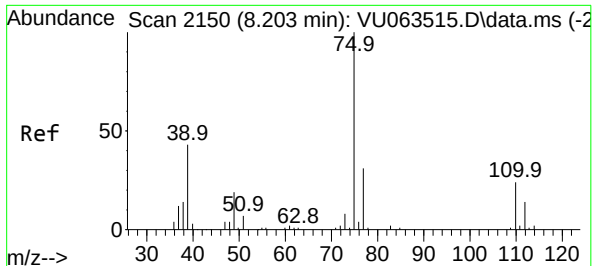
Tgt Ion: 93 Resp: 8049
Ion Ratio Lower Upper
93 100
95 83.0 67.9 101.9
174 82.4 74.6 111.8



#46
t-1,4-Dichloro-2-butene
Concen: 7.490 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.010 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion: 75 Resp: 7577
Ion Ratio Lower Upper
75 100
53 0.0 48.4 72.6#
89 0.0 30.6 45.8#
88 0.0 25.3 37.9#





#50

t-1,3-Dichloropropene

Concen: 2.040 ug/l

RT: 8.206 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063539.D

Acq: 18 Jul 2025 16:24

Instrument :

MSVOA_U

ClientSampleId :

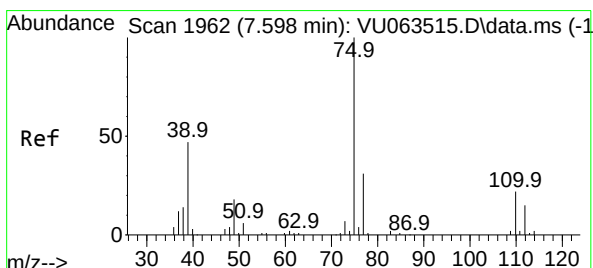
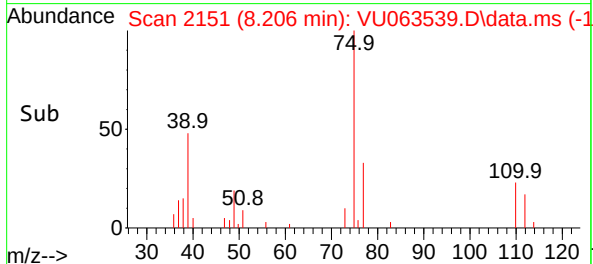
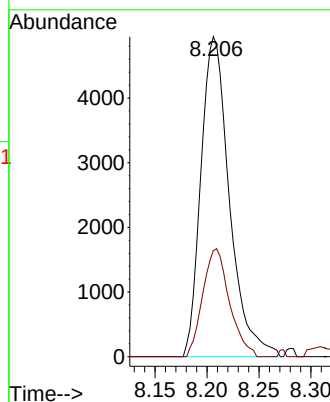
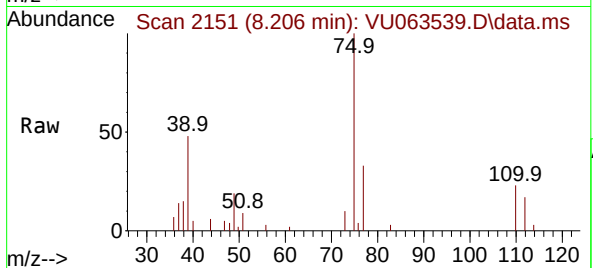
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Tgt Ion: 75 Resp: 9438

Ion Ratio Lower Upper

75 100

77 33.1 24.9 37.3



#51

cis-1,3-Dichloropropene

Concen: 2.661 ug/l

RT: 7.602 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU063539.D

Acq: 18 Jul 2025 16:24

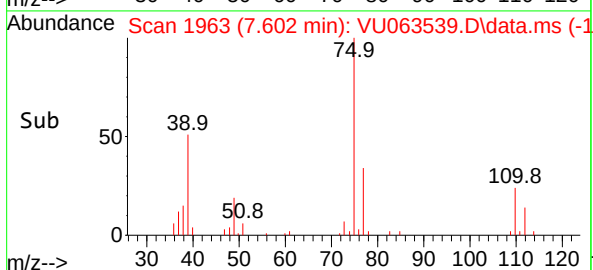
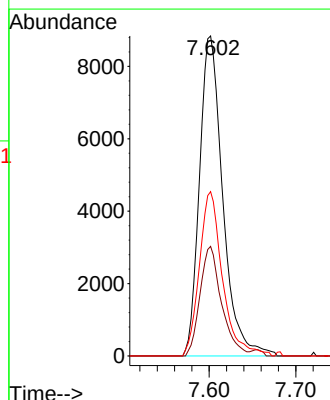
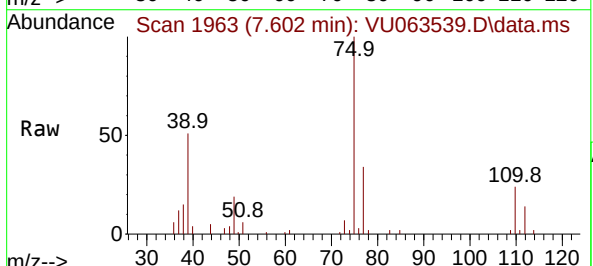
Tgt Ion: 75 Resp: 16523

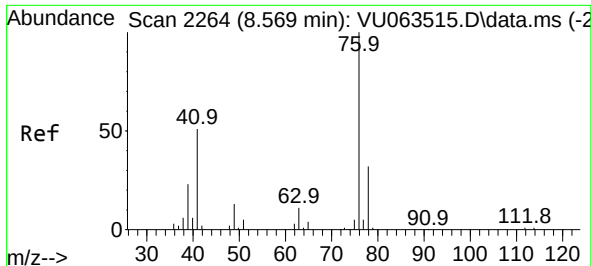
Ion Ratio Lower Upper

75 100

77 34.3 25.1 37.7

39 51.4 37.8 56.6





#53

1,3-Dichloropropane

Concen: 0.747 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063539.D

Acq: 18 Jul 2025 16:24

Instrument :

MSVOA_U

ClientSampleId :

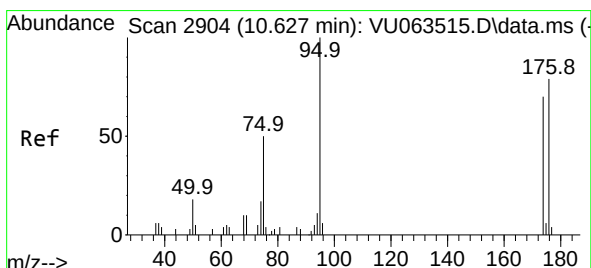
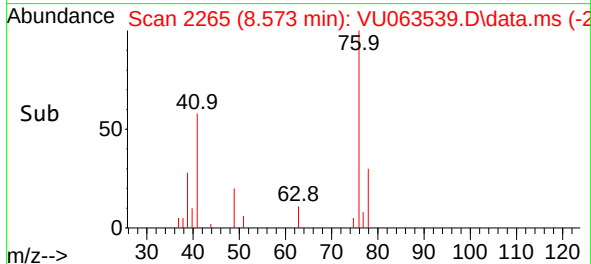
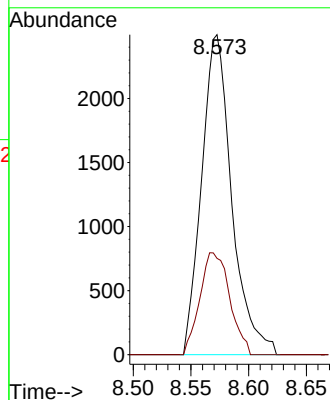
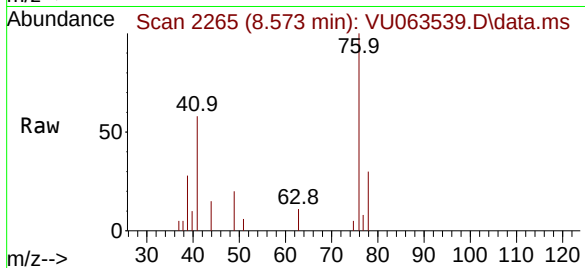
WS0725-PT-UNRVOA-WSDL

Tgt Ion: 76 Resp: 4537

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#57

4-Bromofluorobenzene

Concen: 1.001 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU063539.D

Acq: 18 Jul 2025 16:24

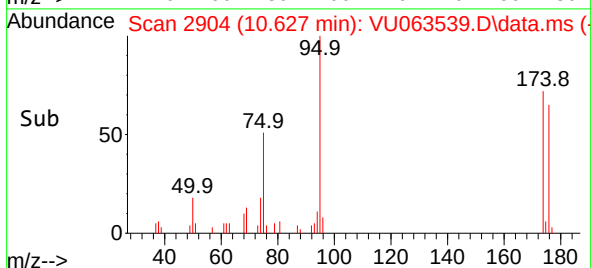
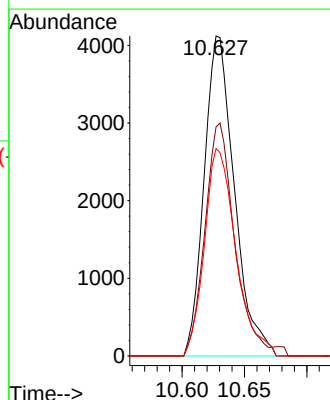
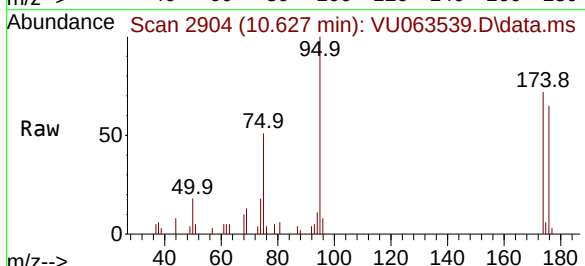
Tgt Ion: 95 Resp: 6937

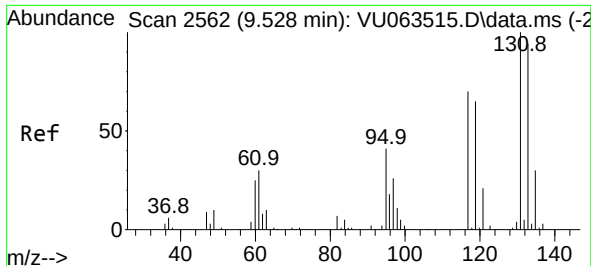
Ion Ratio Lower Upper

95 100

174 71.4 59.8 89.8

176 67.3 61.8 92.8

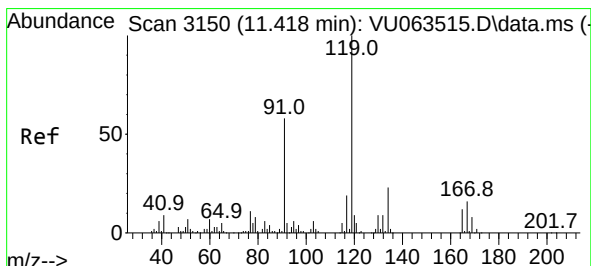
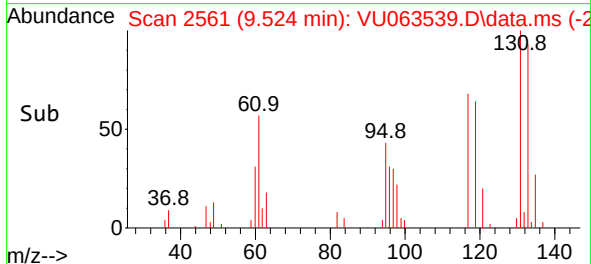
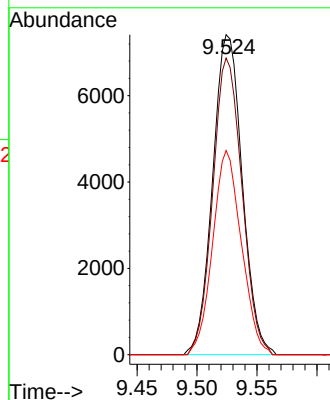
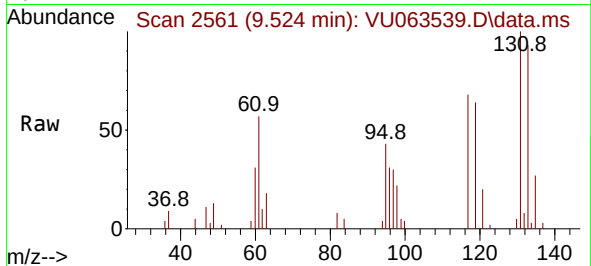




#60
1,1,1,2-Tetrachloroethane
Concen: 2.924 ug/l
RT: 9.524 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

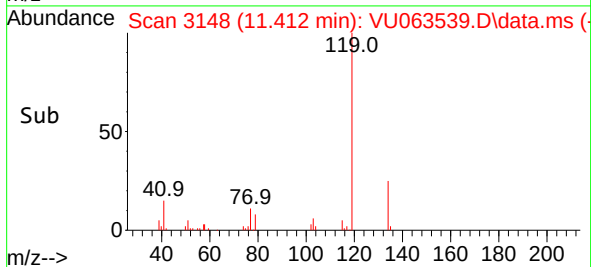
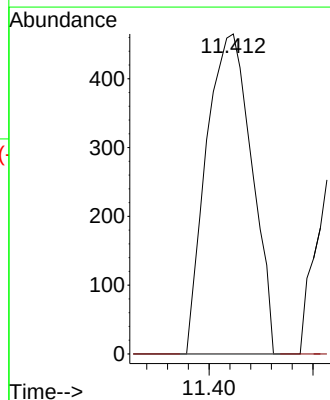
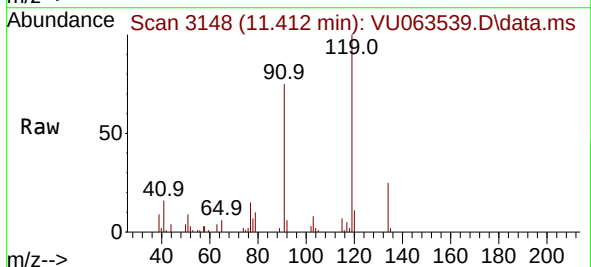
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MSVOA_U
ClientSampleId :
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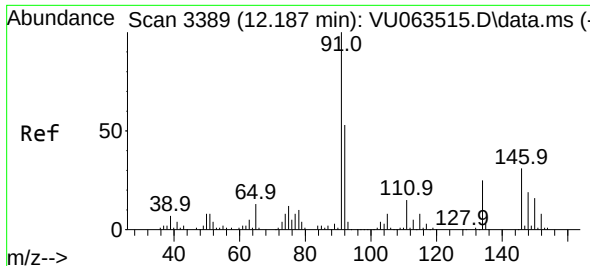
Tgt Ion:131 Resp: 12715
Ion Ratio Lower Upper
131 100
133 91.5 74.7 112.1
119 61.9 53.0 79.4



#61
Pentachloroethane
Concen: 0.229 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.007 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion:117 Resp: 705
Ion Ratio Lower Upper
117 100
167 0.0 65.0 97.6#

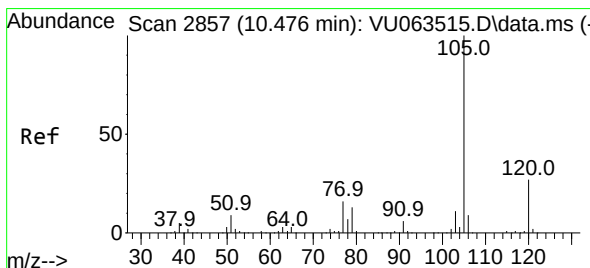
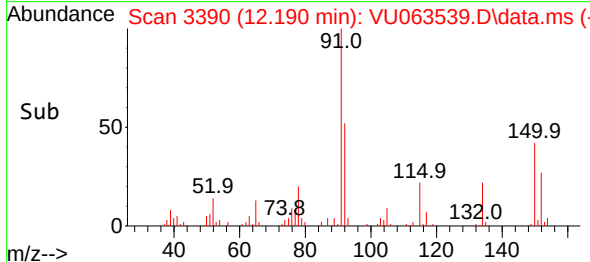
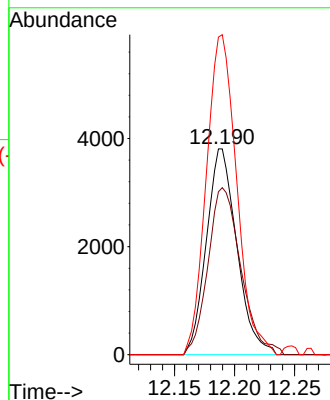
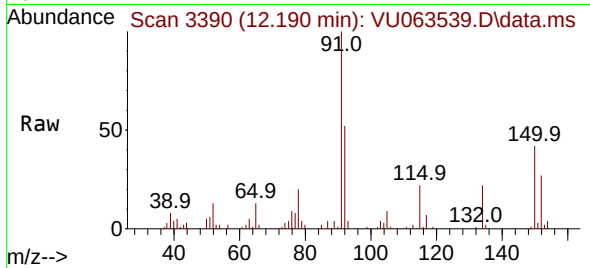




#68
1,2-Dichlorobenzene-d4
Concen: 1.048 ug/l
RT: 12.190 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

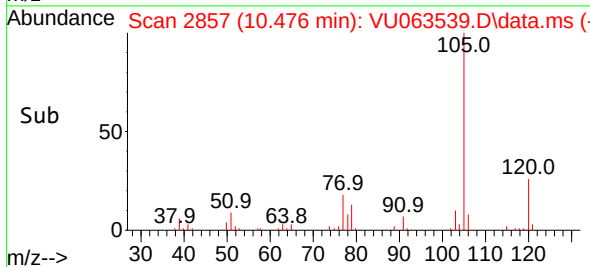
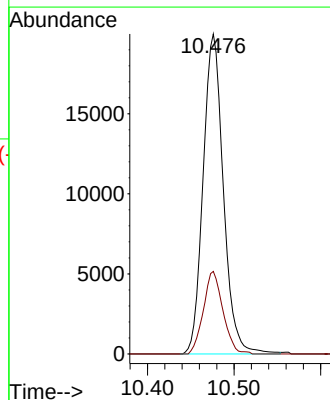
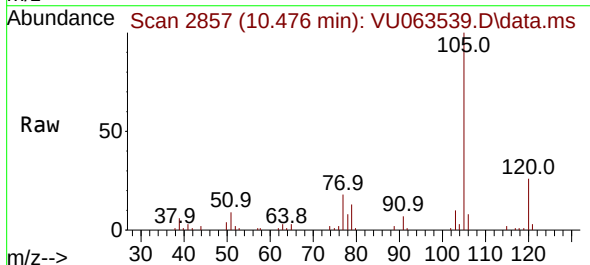
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-UNRVOA-WSDL

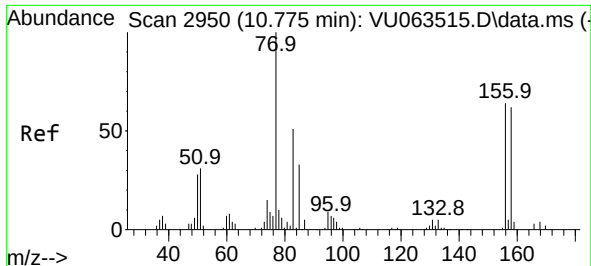
Tgt Ion:152 Resp: 6716
Ion Ratio Lower Upper
152 100
115 87.8 0.0 262.2
150 154.9 0.0 651.2



#69
Isopropylbenzene
Concen: 1.545 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion:105 Resp: 32470
Ion Ratio Lower Upper
105 100
120 24.9 13.2 39.5

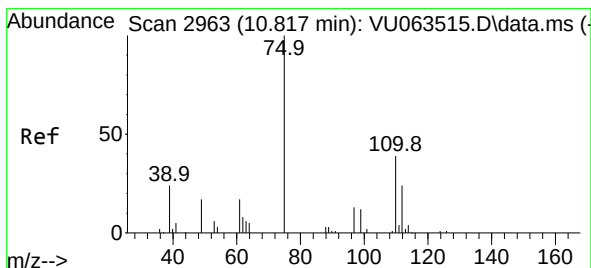
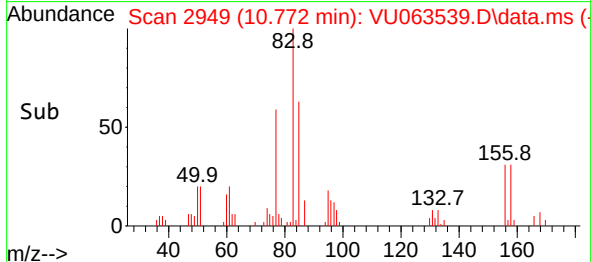
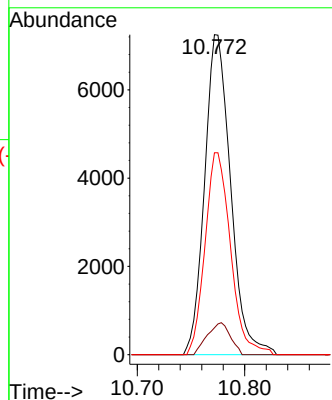
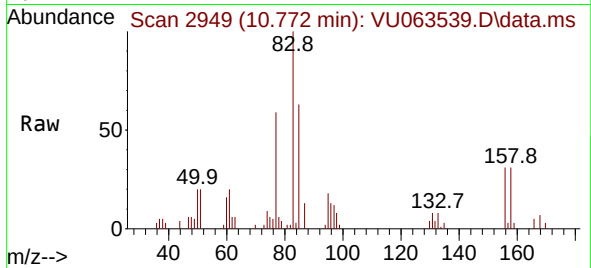




#70
1,1,2,2-Tetrachloroethane
Concen: 2.848 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

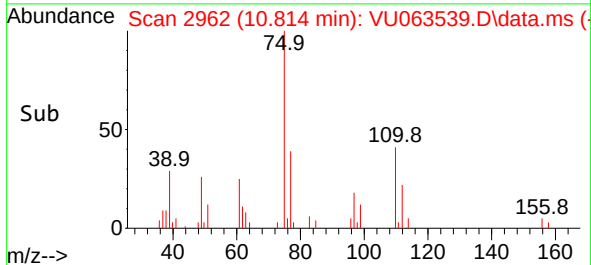
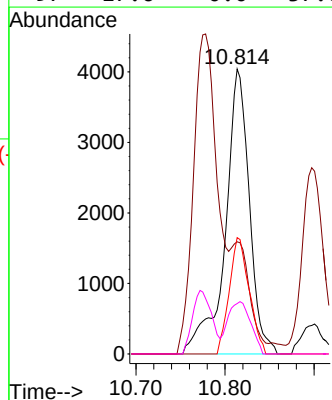
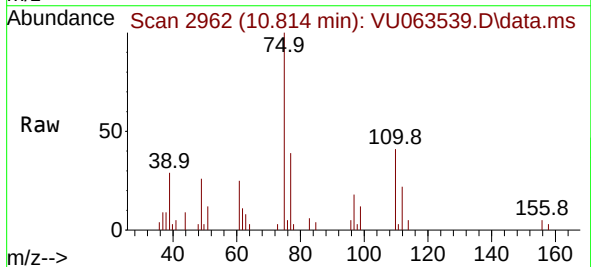
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-UNRVOA-WSDL

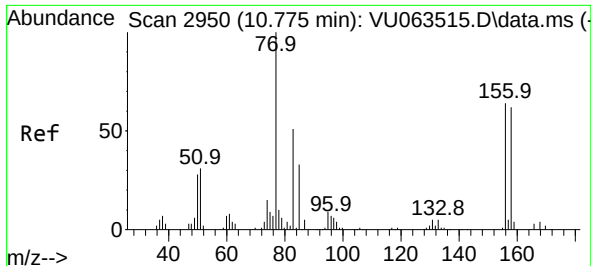
Tgt Ion: 83 Resp: 12200
Ion Ratio Lower Upper
83 100
131 8.8 8.4 12.6
85 61.9 51.9 77.9



#71
1,2,3-Trichloropropane
Concen: 2.178 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion: 75 Resp: 7577
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 33.7 0.0 73.2
97 17.6 0.0 37.6

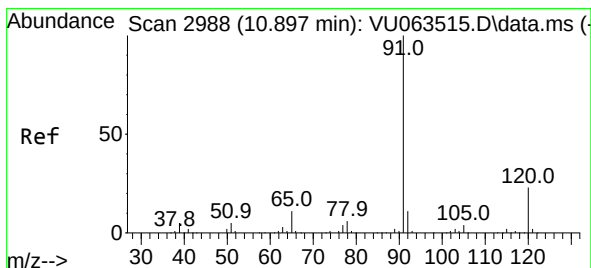
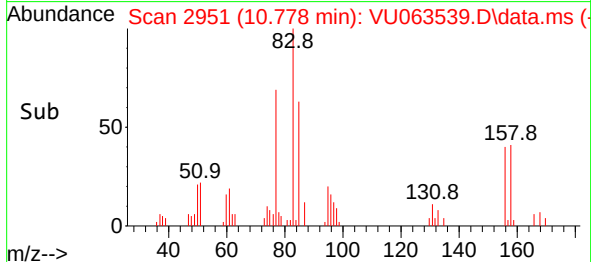
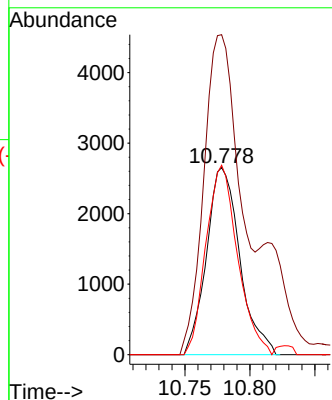
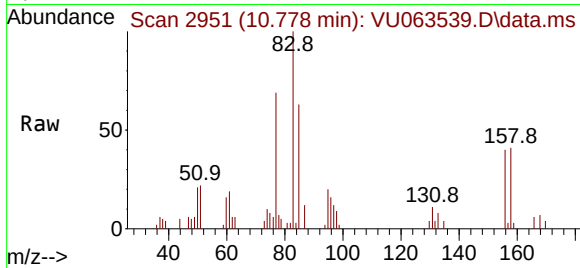




#72
Bromobenzene
Concen: 0.872 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

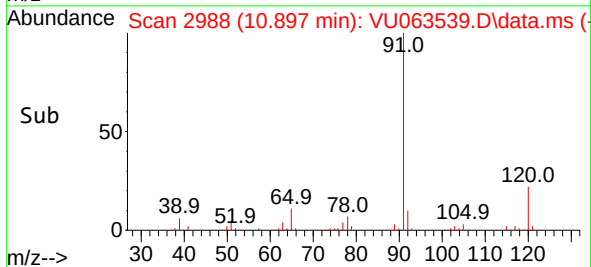
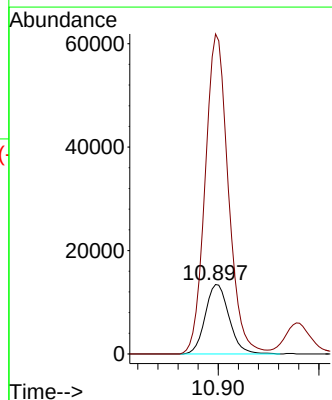
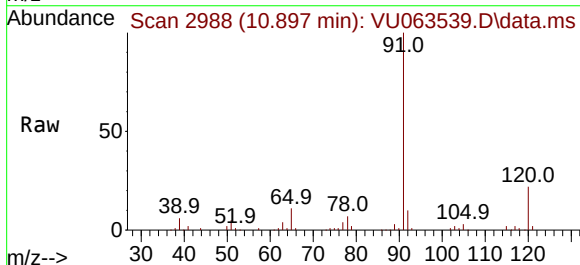
Instrument :
MSVOA_U
ClientSampleId :
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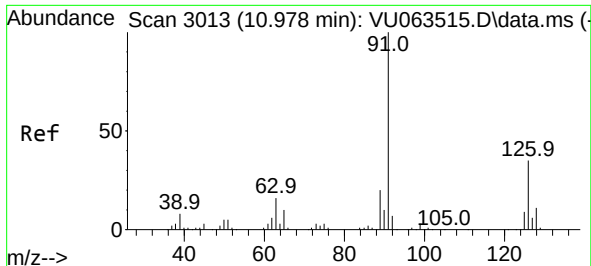
Tgt Ion:156 Resp: 4727
Ion Ratio Lower Upper
156 100
77 182.2 0.0 315.2
158 96.4 0.0 195.4



#73
n-propylbenzene
Concen: 3.489 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion:120 Resp: 22074
Ion Ratio Lower Upper
120 100
91 449.2 343.1 514.7

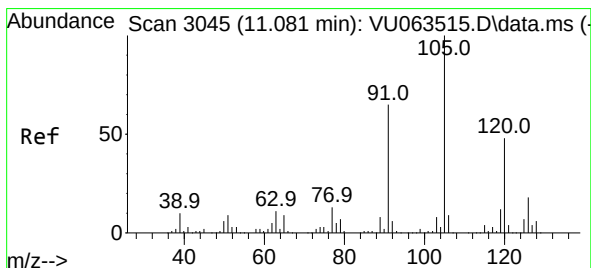
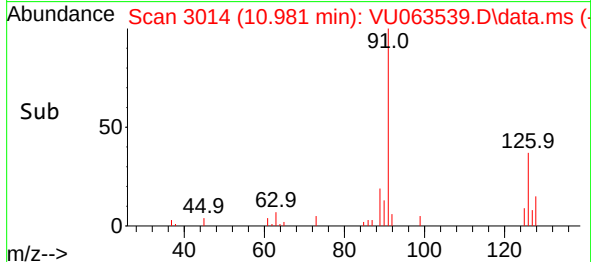
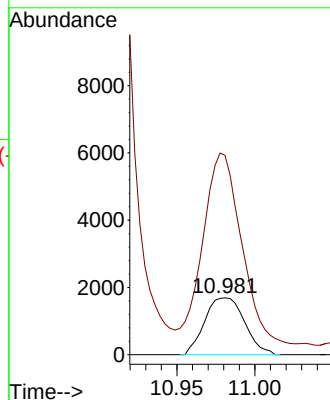
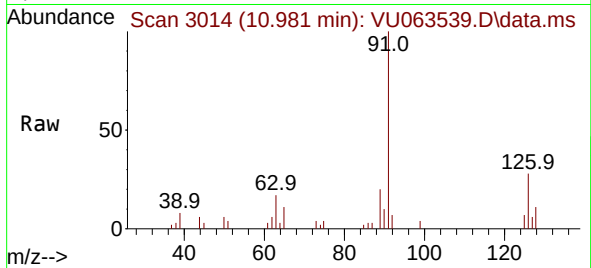




#74
2-Chlorotoluene
Concen: 0.537 ug/l
RT: 10.981 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

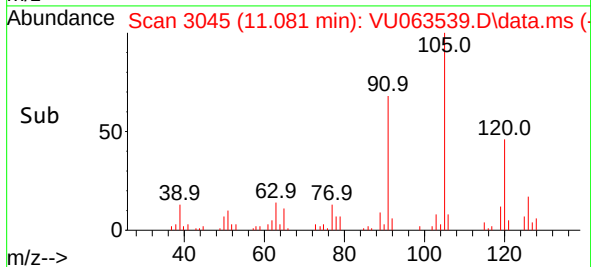
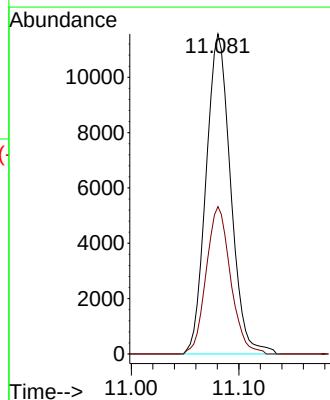
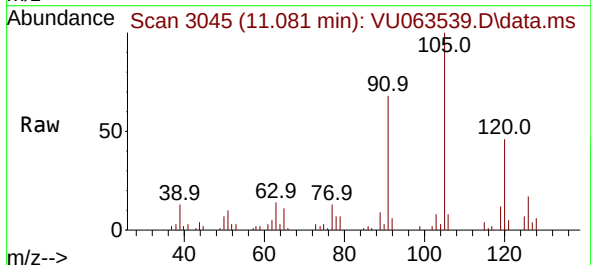
Instrument :
MSVOA_U
ClientSampleId :
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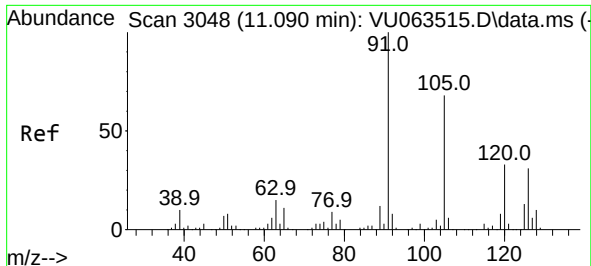
Tgt Ion:126 Resp: 3005
Ion Ratio Lower Upper
126 100
91 334.7 0.0 606.0



#75
1,3,5-Trimethylbenzene
Concen: 0.915 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion:105 Resp: 18365
Ion Ratio Lower Upper
105 100
120 45.7 37.8 56.8

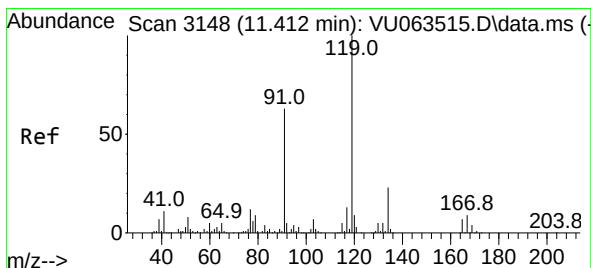
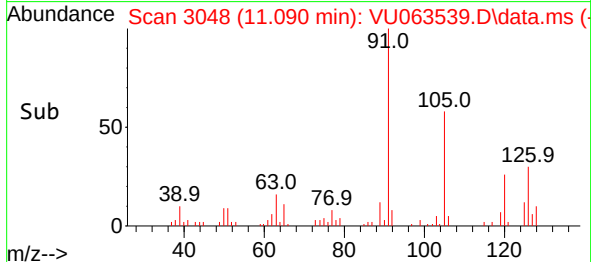
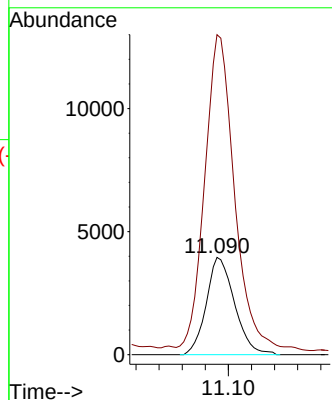
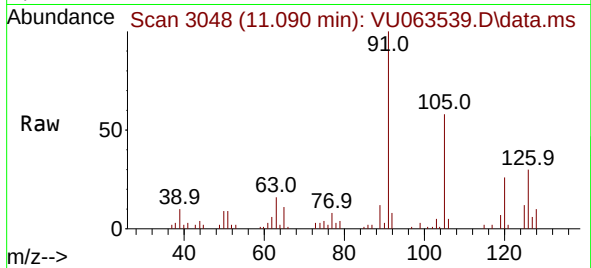




#76
4-Chlorotoluene
Concen: 1.182 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

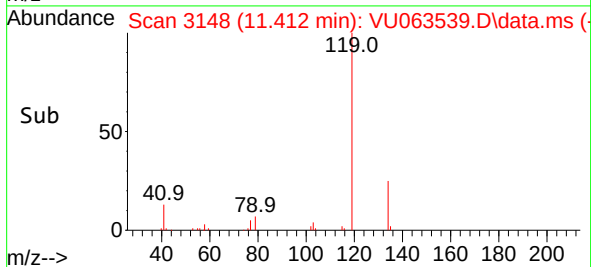
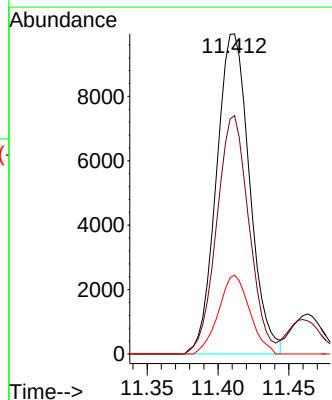
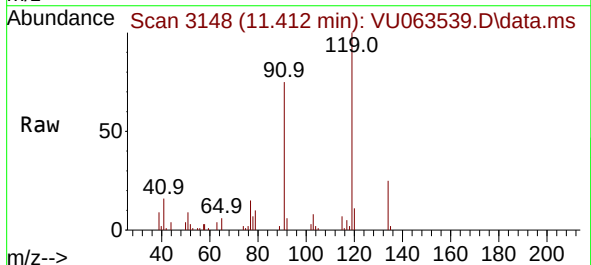
Instrument :
MSVOA_U
ClientSampleId :
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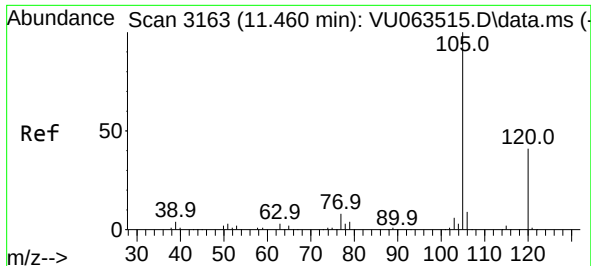
Tgt Ion:126 Resp: 6710
Ion Ratio Lower Upper
126 100
91 343.1 0.0 682.2



#77
tert-Butylbenzene
Concen: 0.845 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion:119 Resp: 16207
Ion Ratio Lower Upper
119 100
91 72.5 30.7 92.1
134 23.1 18.5 27.7

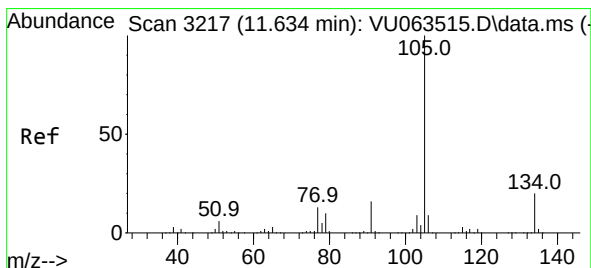
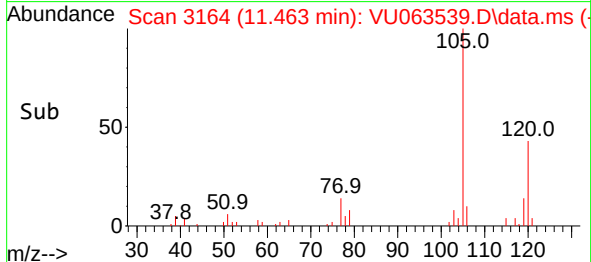
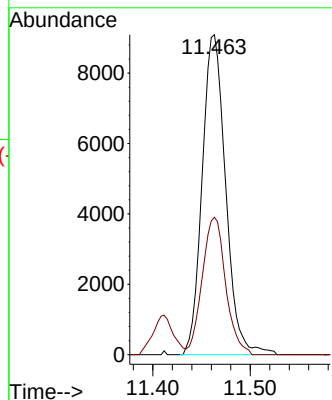
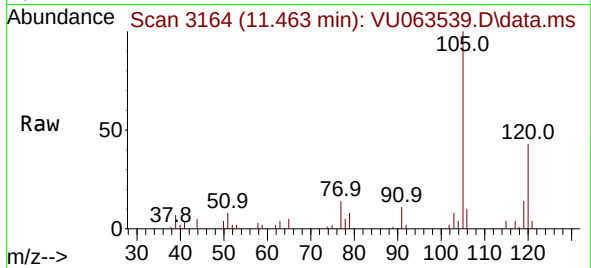




#78
1,2,4-Trimethylbenzene
Concen: 0.764 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

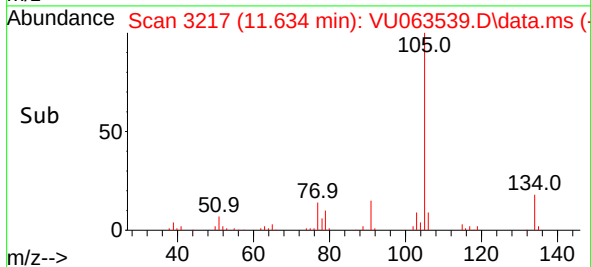
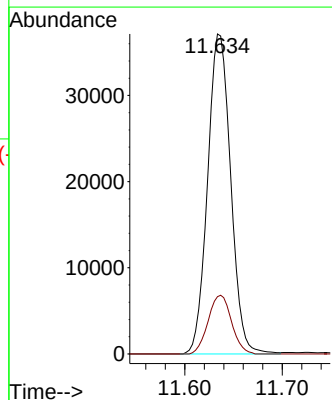
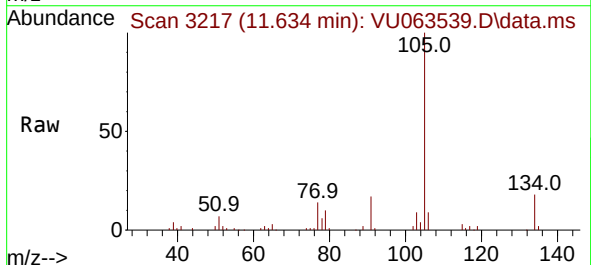
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-UNRVOA-WSDL

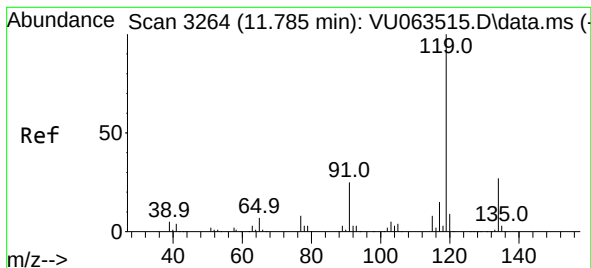
Tgt Ion:105 Resp: 15217
Ion Ratio Lower Upper
105 100
120 42.8 22.7 68.0



#79
sec-Butylbenzene
Concen: 2.366 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion:105 Resp: 61202
Ion Ratio Lower Upper
105 100
134 18.6 16.2 24.4





#81

p-Isopropyltoluene

Concen: 3.224 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063539.D

Acq: 18 Jul 2025 16:24

Instrument :

MSVOA_U

ClientSampleId :

WS0725-PT-UNRVOA-WSDL

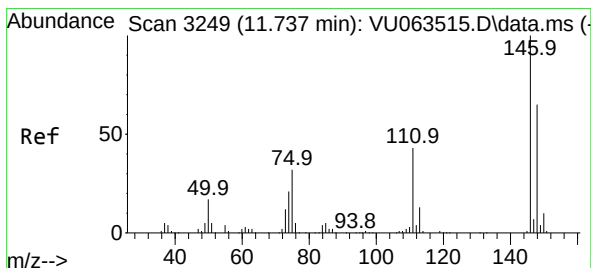
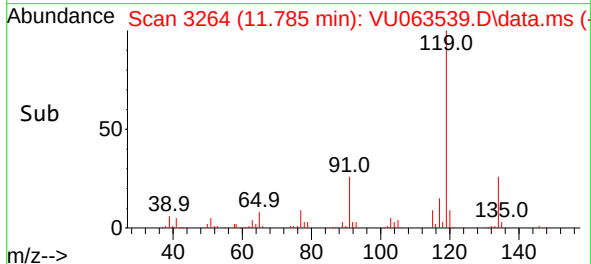
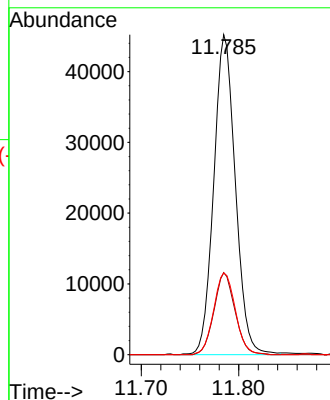
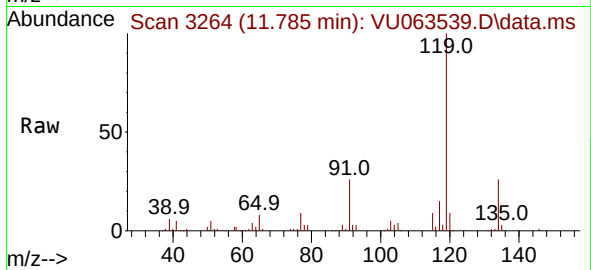
Tgt Ion:119 Resp: 69619

Ion Ratio Lower Upper

119 100

134 24.9 21.1 31.7

91 25.6 19.8 29.8



#82

1,3-Dichlorobenzene

Concen: 1.281 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU063539.D

Acq: 18 Jul 2025 16:24

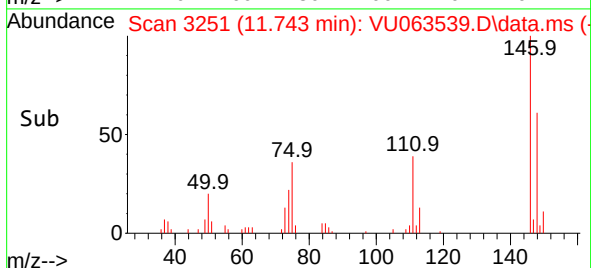
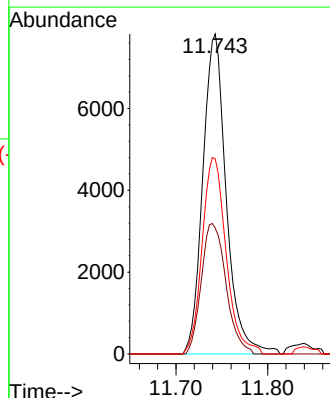
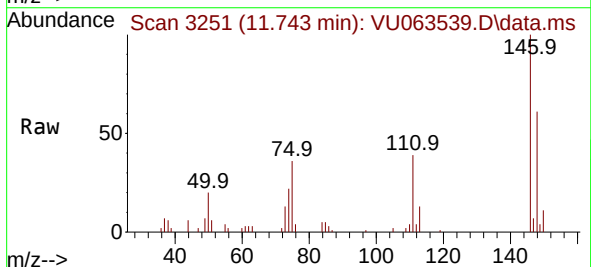
Tgt Ion:146 Resp: 13904

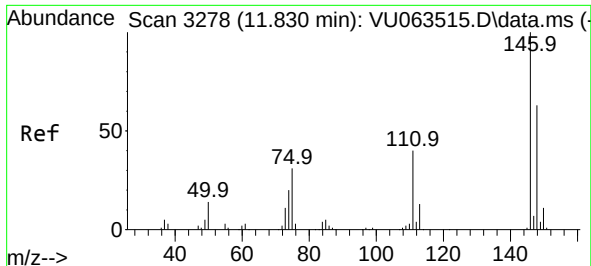
Ion Ratio Lower Upper

146 100

111 42.9 33.8 50.6

148 62.9 51.5 77.3

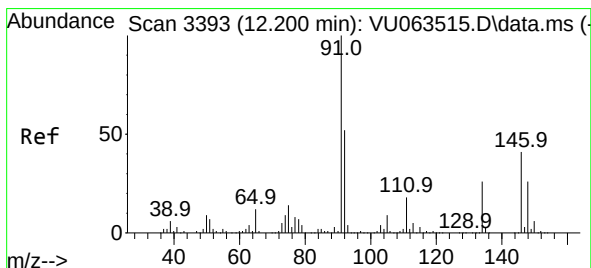
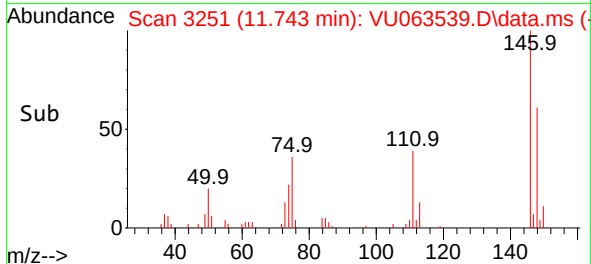
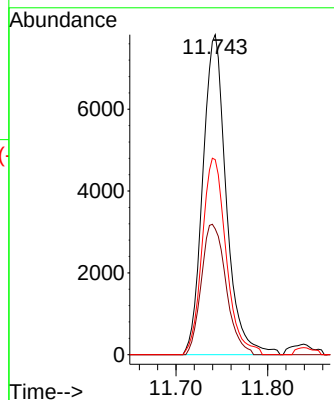
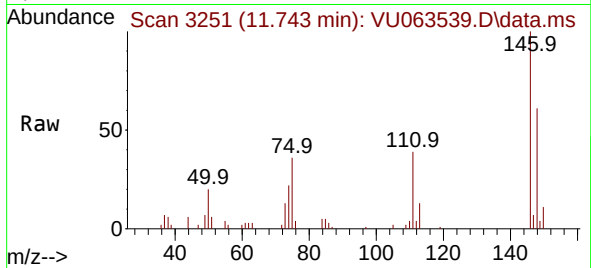




#83
1,4-Dichlorobenzene
Concen: 1.280 ug/l
RT: 11.743 min Scan# 31
Delta R.T. -0.087 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

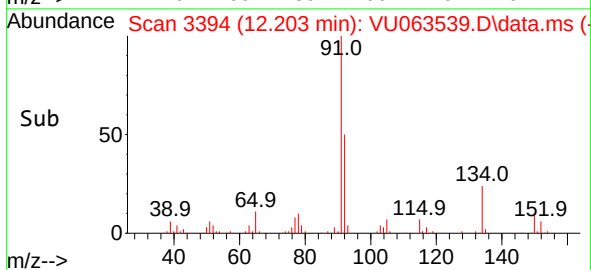
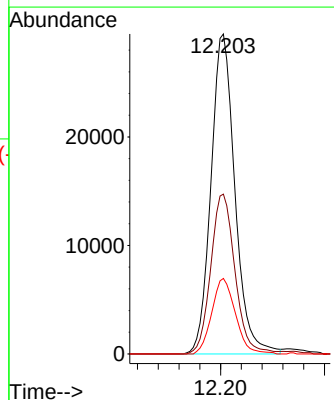
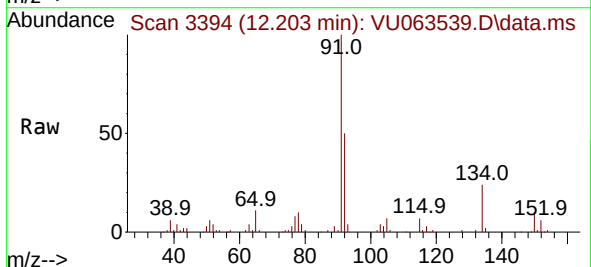
Instrument :
MSVOA_U
ClientSampleId :
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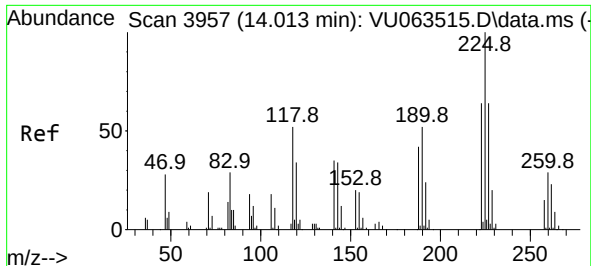
Tgt Ion:146 Resp: 13904
Ion Ratio Lower Upper
146 100
111 42.9 32.0 48.0
148 62.9 50.2 75.2



#84
n-Butylbenzene
Concen: 2.355 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion: 91 Resp: 47169
Ion Ratio Lower Upper
91 100
92 50.5 41.5 62.3
134 23.3 20.6 30.8

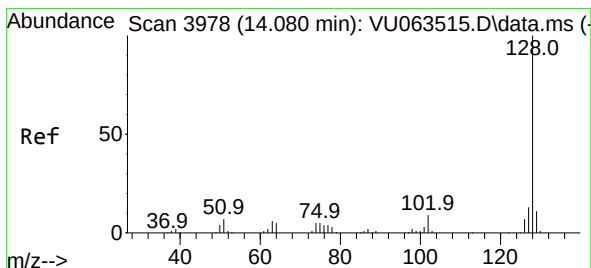
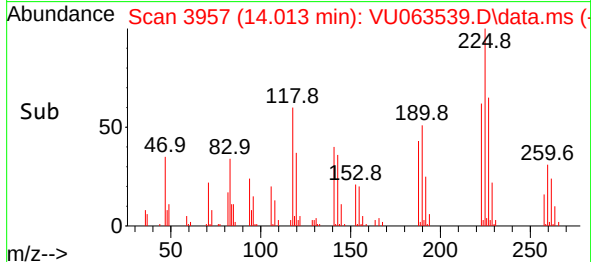
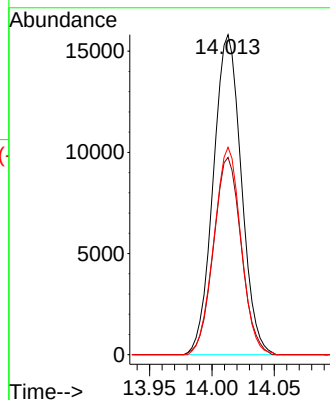
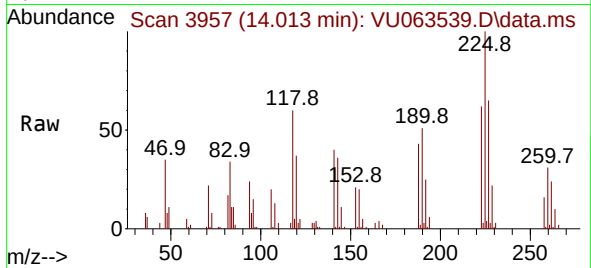




#88
Hexachlorobutadiene
Concen: 6.876 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

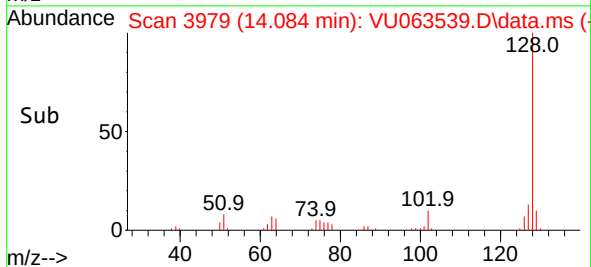
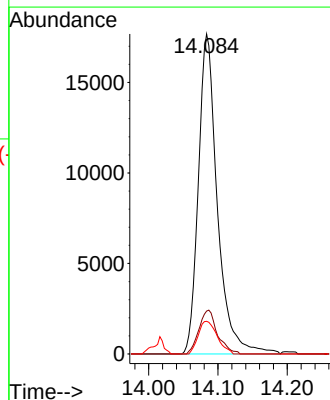
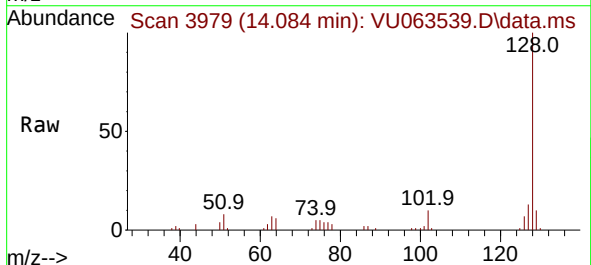
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-UNRVOA-WSDL

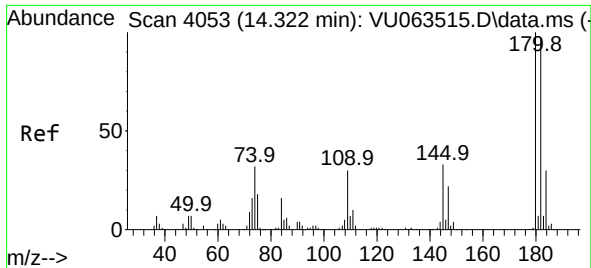
Tgt Ion:	225	Resp:	24756
Ion Ratio	Lower	Upper	
225	100		
223	61.1	50.8	76.2
227	62.9	51.0	76.6



#89
Naphthalene
Concen: 2.971 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.004 min
Lab File: VU063539.D
Acq: 18 Jul 2025 16:24

Tgt Ion:	128	Resp:	33751
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.4
129	10.2	8.8	13.2





#90

1,2,3-Trichlorobenzene

Concen: 5.585 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063539.D

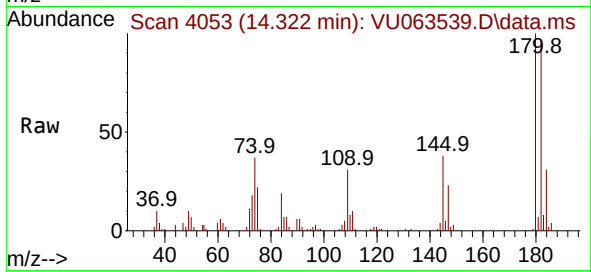
Acq: 18 Jul 2025 16:24

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:180 Resp: 32717

Ion Ratio Lower Upper

180 100

182 95.0 78.0 117.0

145 35.7 27.3 40.9

