

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063582.D
 Acq On : 15 Sep 2025 16:44
 Operator : MD/SY
 Sample : Q2552-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 04:58:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.094	96	39545	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	11879	0.806	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	12614	0.840	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
Target Compounds						
						Qvalue
5) Bromomethane	1.840	94	21651	2.533	ug/l	99
7) Trichlorofluoromethane	2.129	101	465418	22.904	ug/l	98
12) Acrylonitrile	3.357	53	12643	4.053	ug/l	# 30
13) Acetone	2.621	43	3031	0.686	ug/l	94
15) Methylene Chloride	3.030	84	8926	0.656	ug/l	88
17) 1,1-Dichloroethane	3.853	63	118158	4.698	ug/l	99
21) 2,2-Dichloropropane	4.647	77	162334	8.725	ug/l	94
24) tert-Butyl Alcohol	3.177	59	3360	2.775	ug/l	# 72
25) Methyl tert-Butyl Ether	3.357	73	1002619	32.581	ug/l	98
26) Bromochloromethane	4.959	128	59522	10.925	ug/l	99
29) 1,1-Dichloropropene	5.508	75	175737	9.776	ug/l	99
37) Trichloroethene	6.525	130	6451	0.501	ug/l	94
43) Dibromomethane	6.901	93	76133	11.582	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	75920	24.646	ug/l	# 37
50) t-1,3-Dichloropropene	8.200	75	113810	10.817	ug/l	98
51) cis-1,3-Dichloropropene	7.595	75	202934	14.499	ug/l	96
53) 1,3-Dichloropropane	8.566	76	45459	2.812	ug/l	98
58) Tetrachloroethene	8.541	164	6253	0.493	ug/l	89
59) Chlorobenzene	9.441	112	10289	0.318	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	148831	14.079	ug/l	99
61) Pentachloroethane	11.409	117	8259	1.090	ug/l	# 16
62) Hexachloroethane	12.466	117	1642	0.249	ug/l	# 74
63) Ethyl Benzene	9.563	91	19401	0.351	ug/l	98
64) m/p-Xylenes	9.688	106	7252	0.342	ug/l	80
65) o-Xylene	10.094	106	4634	0.218	ug/l	83
69) Isopropylbenzene	10.476	105	305284	5.917	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.772	83	148911	12.568	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	75920	8.644	ug/l	# 98
72) Bromobenzene	10.775	156	50404	3.766	ug/l	94
73) n-propylbenzene	10.897	120	213914	14.343	ug/l	97
74) 2-Chlorotoluene	10.978	126	31722	2.352	ug/l	98
75) 1,3,5-Trimethylbenzene	11.077	105	180211	3.735	ug/l	100
76) 4-Chlorotoluene	11.090	126	65194	4.616	ug/l	99
77) tert-Butylbenzene	11.409	119	162655	3.487	ug/l	92
78) 1,2,4-Trimethylbenzene	11.460	105	150168	3.198	ug/l	100
79) sec-Butylbenzene	11.634	105	632812	10.013	ug/l	100
81) p-Isopropyltoluene	11.785	119	719516	14.149	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	141944	5.270	ug/l	100
83) 1,4-Dichlorobenzene	11.737	146	141944	5.130	ug/l	98
84) n-Butylbenzene	12.200	91	417036	8.750	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	8021	0.510	ug/l	99
88) Hexachlorobutadiene	14.010	225	305007	31.156	ug/l	99
89) Naphthalene	14.081	128	236413	8.500	ug/l	99

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Quant Time: Sep 16 04:58:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sat Sep 13 03:31:19 2025
Response via : Initial Calibration

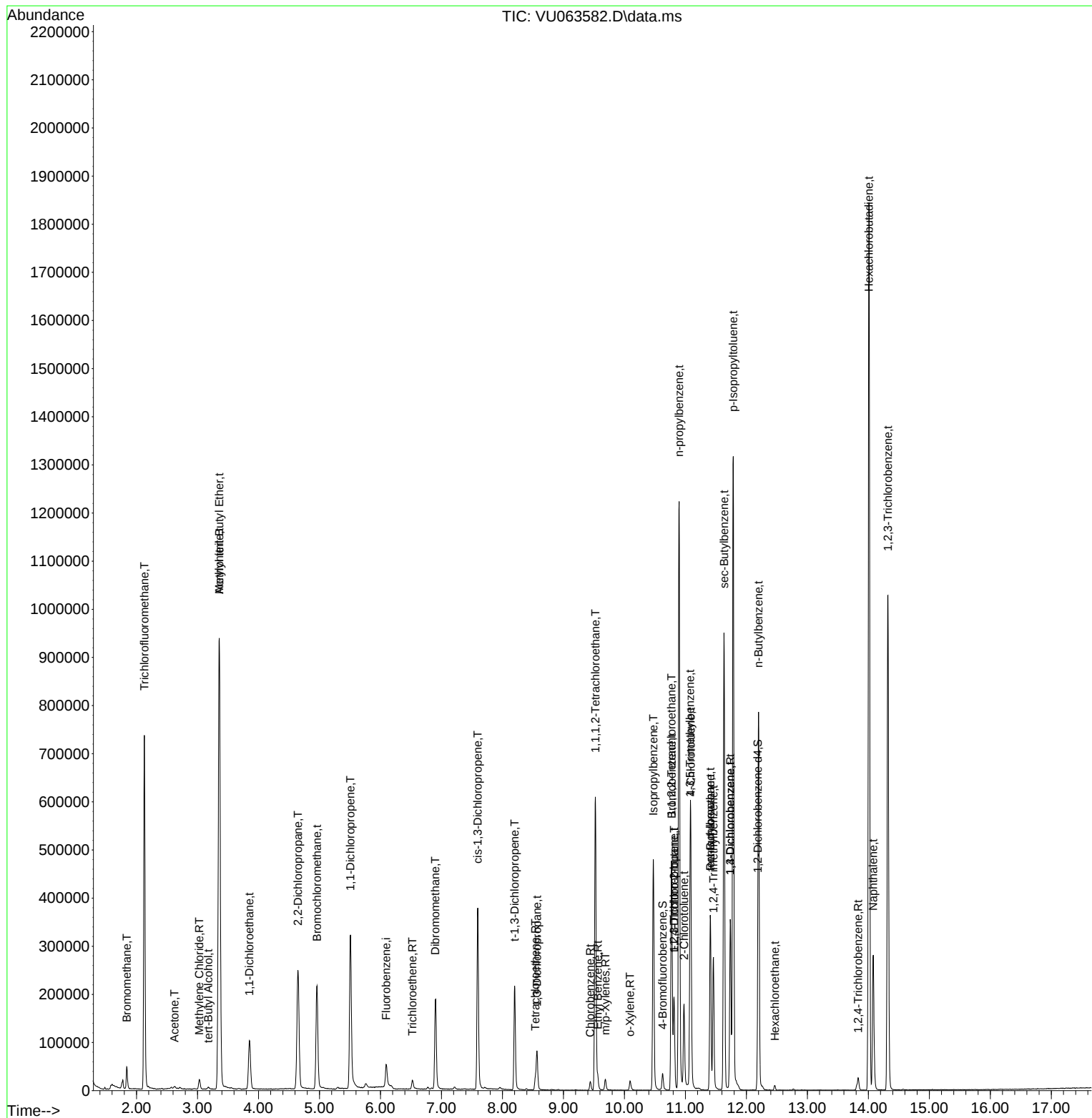
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) 1,2,3-Trichlorobenzene	14.322	180	304557	20.399	ug/l	99

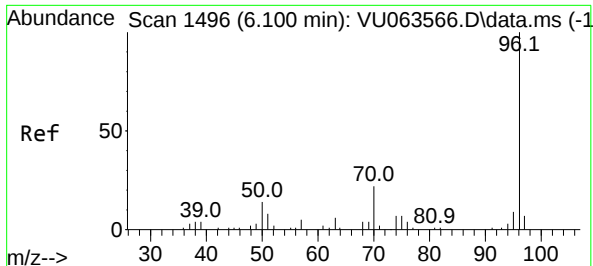
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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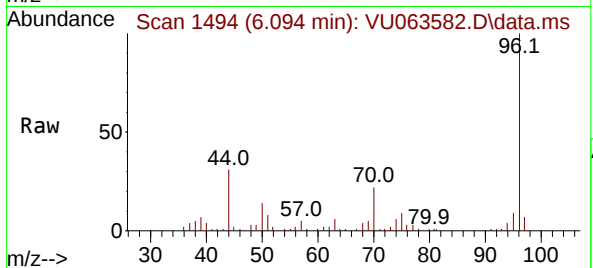
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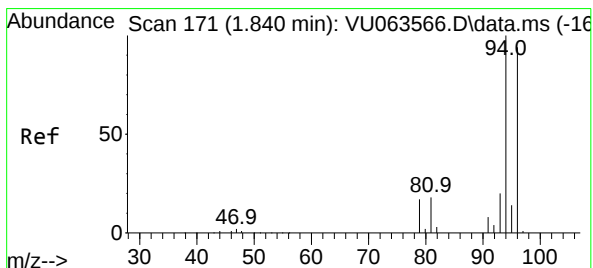
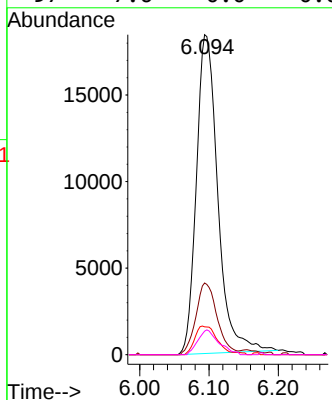
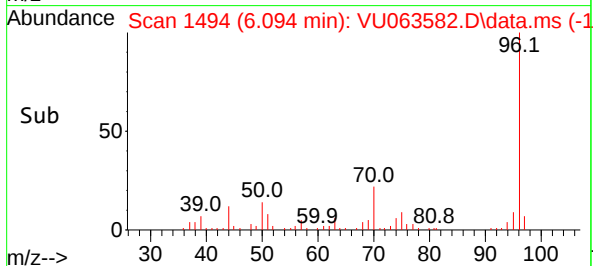


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.094 min Scan# 1496
Delta R.T. -0.006 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Instrument :
MSVOA_U
ClientSampleId :

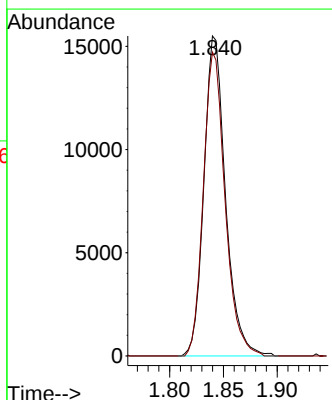
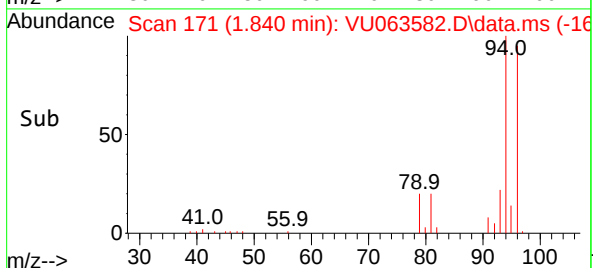
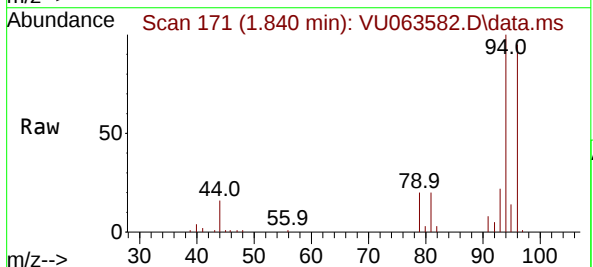


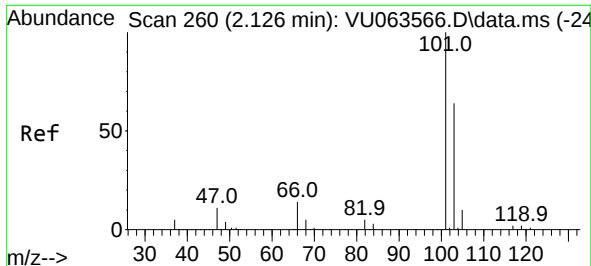
Tgt Ion: 96	Resp: 39545
Ion Ratio	Lower Upper
96	100
70	21.0 15.5 23.3
95	9.5 7.7 11.5
97	7.6 0.0 0.0#



#5
Bromomethane
Concen: 2.533 ug/l
RT: 1.840 min Scan# 171
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Tgt Ion: 94	Resp: 21651
Ion Ratio	Lower Upper
94	100
96	95.0 75.1 112.7

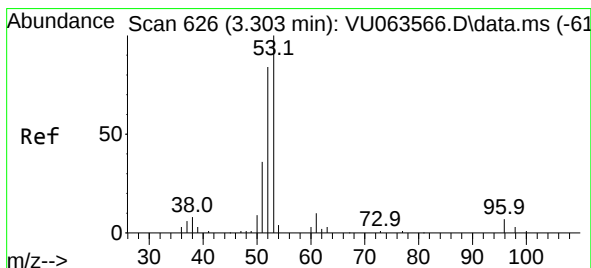
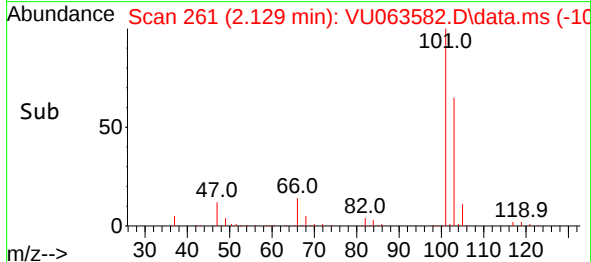
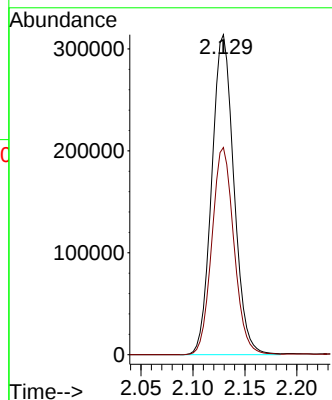
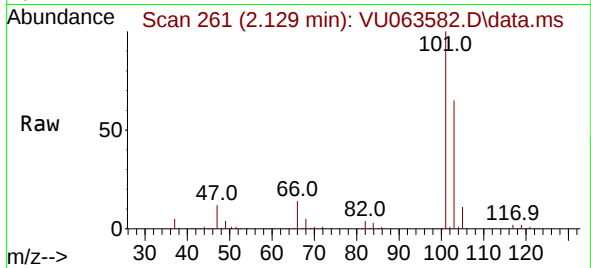




#7
 Trichlorofluoromethane
 Concen: 22.904 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

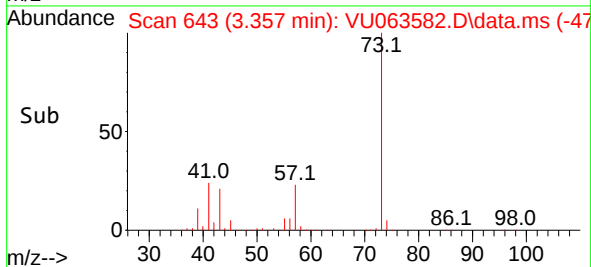
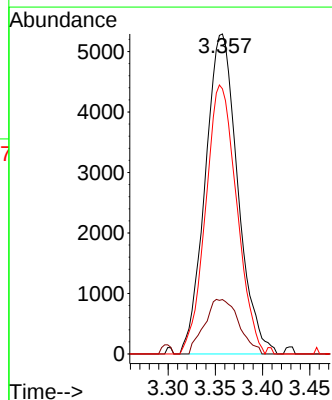
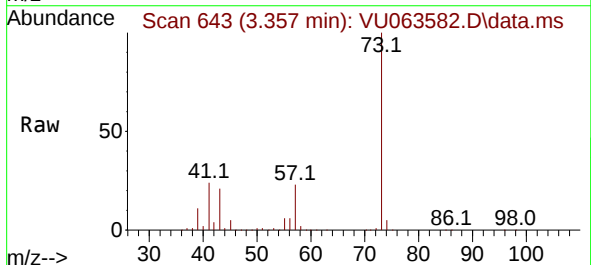
Instrument :
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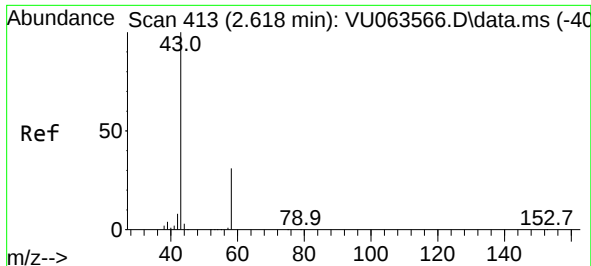
Tgt Ion:101 Resp: 465418
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.8 76.2



#12
 Acrylonitrile
 Concen: 4.053 ug/l
 RT: 3.357 min Scan# 643
 Delta R.T. 0.055 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

Tgt Ion: 53 Resp: 12643
 Ion Ratio Lower Upper
 53 100
 52 17.9 65.0 97.4#
 51 80.5 31.2 46.8#





#13

Acetone

Concen: 0.686 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063582.D

Acq: 15 Sep 2025 16:44

Instrument :

MSVOA_U

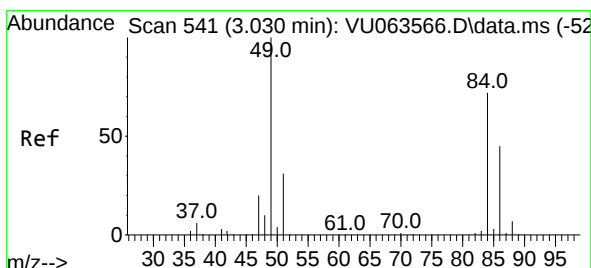
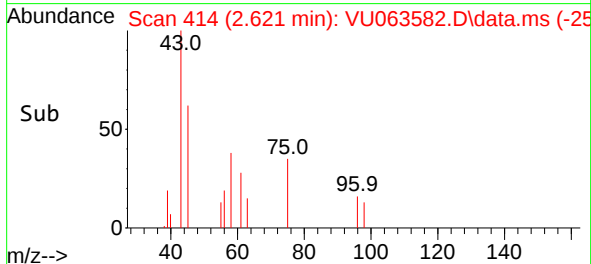
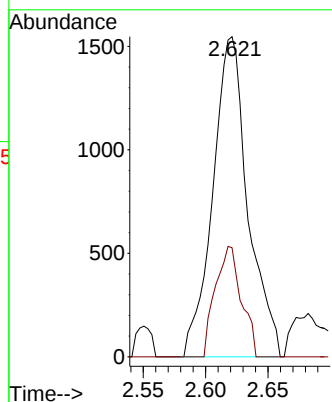
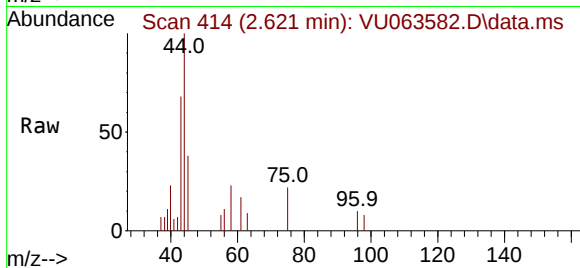
ClientSampleId :

Tgt Ion: 43 Resp: 3031

Ion Ratio Lower Upper

43 100

58 34.1 24.7 37.1



#15

Methylene Chloride

Concen: 0.656 ug/l

RT: 3.030 min Scan# 541

Delta R.T. -0.000 min

Lab File: VU063582.D

Acq: 15 Sep 2025 16:44

Tgt Ion: 84 Resp: 8926

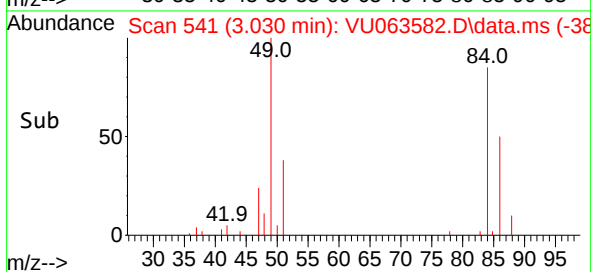
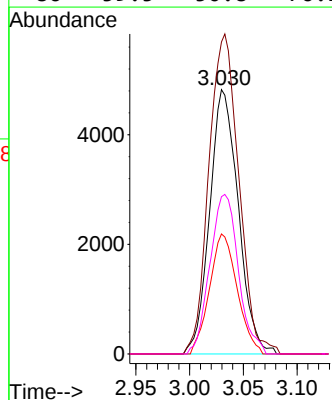
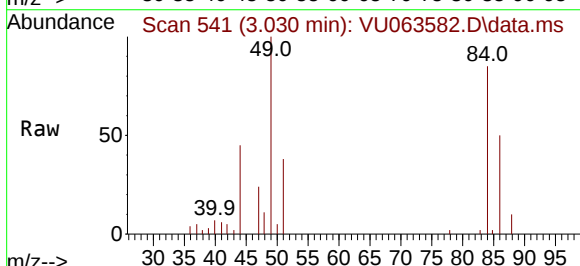
Ion Ratio Lower Upper

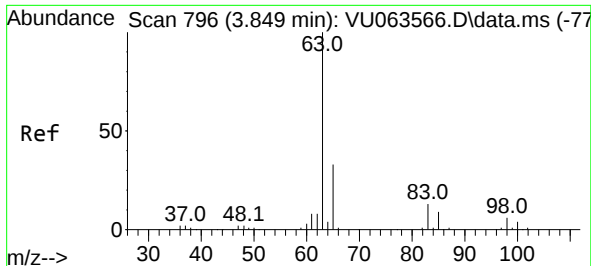
84 100

49 118.0 111.8 167.6

51 45.4 0.0 86.0

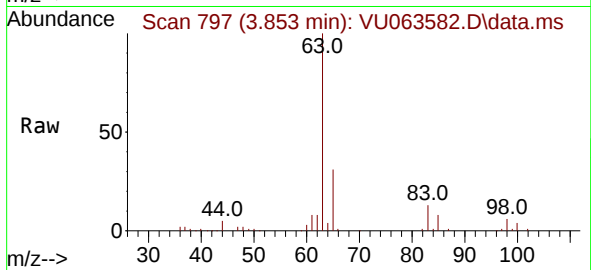
86 59.5 50.8 76.2



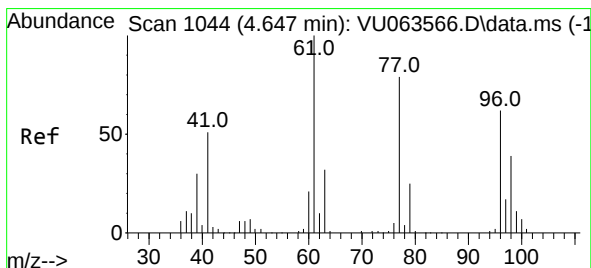
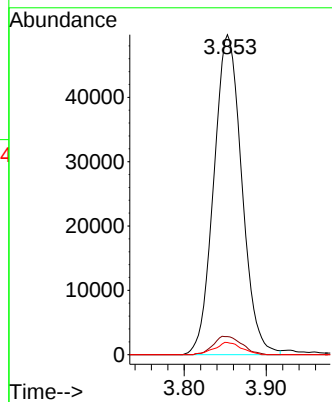
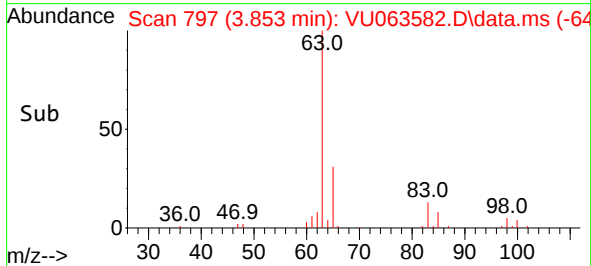


#17
 1,1-Dichloroethane
 Concen: 4.698 ug/l
 RT: 3.853 min Scan# 796
 Delta R.T. 0.003 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

Instrument :
 MSVOA_U
 ClientSampleId :

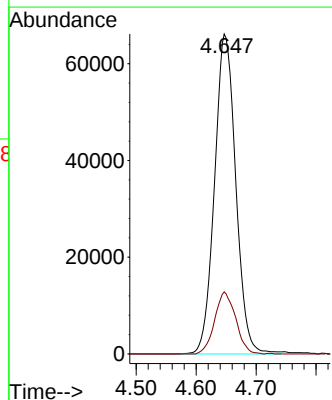
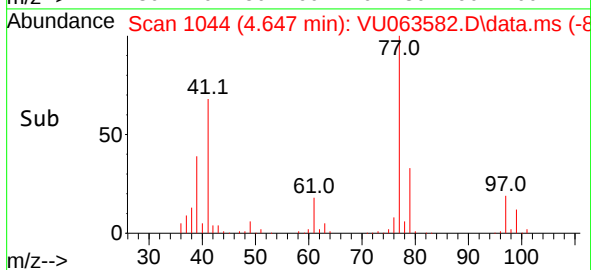
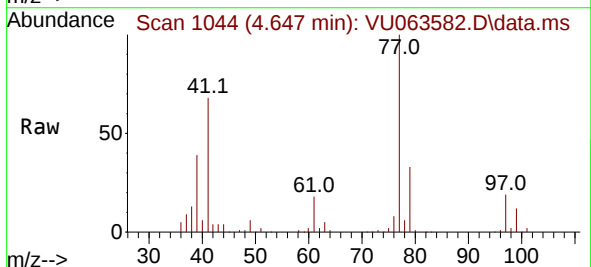


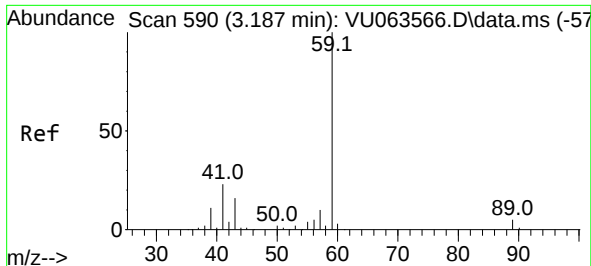
Tgt Ion: 63 Resp: 118158
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.8
 100 3.8 2.0 5.8



#21
 2,2-Dichloropropane
 Concen: 8.725 ug/l
 RT: 4.647 min Scan# 1044
 Delta R.T. -0.000 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

Tgt Ion: 77 Resp: 162334
 Ion Ratio Lower Upper
 77 100
 97 19.2 17.5 26.3

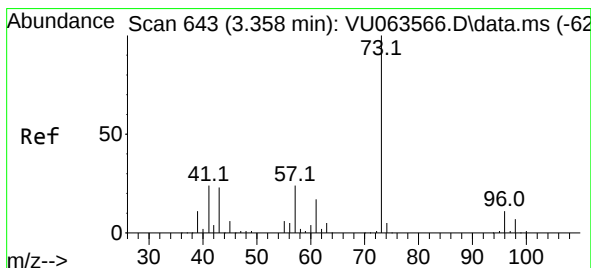
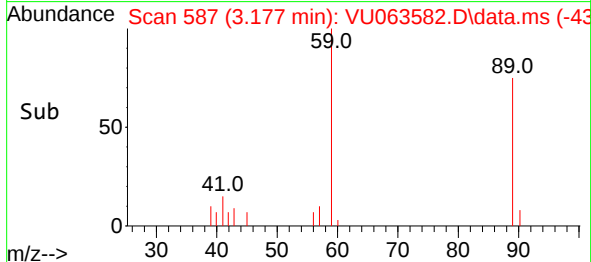
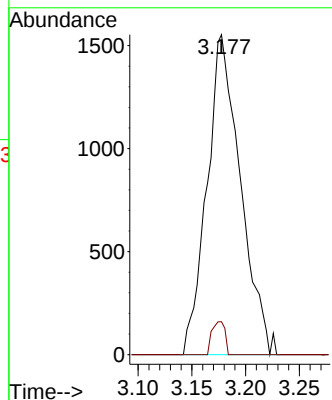
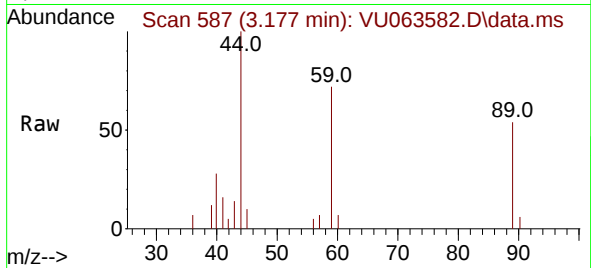




#24
tert-Butyl Alcohol
Concen: 2.775 ug/l
RT: 3.177 min Scan# 59
Delta R.T. -0.010 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

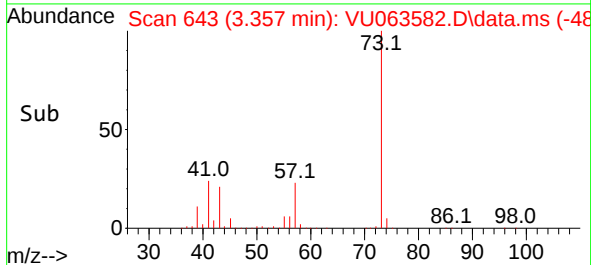
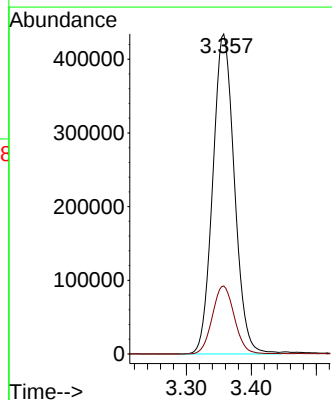
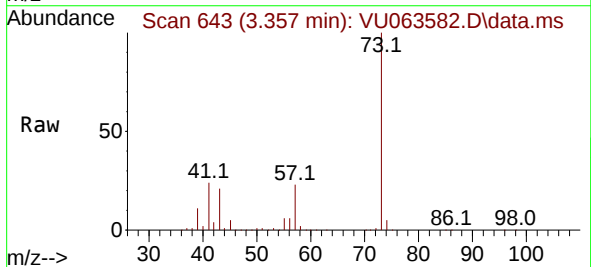
Instrument :
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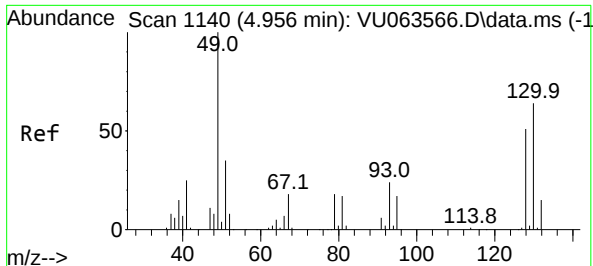
Tgt Ion: 59 Resp: 3360
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#25
Methyl tert-Butyl Ether
Concen: 32.581 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Tgt Ion: 73 Resp: 1002619
Ion Ratio Lower Upper
73 100
43 21.7 18.1 27.1

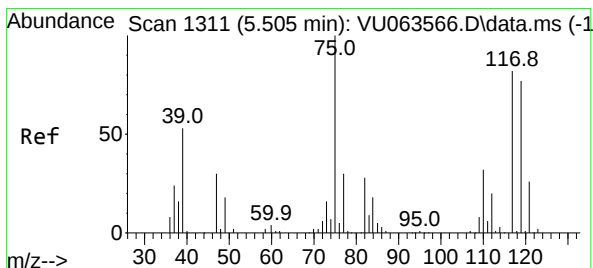
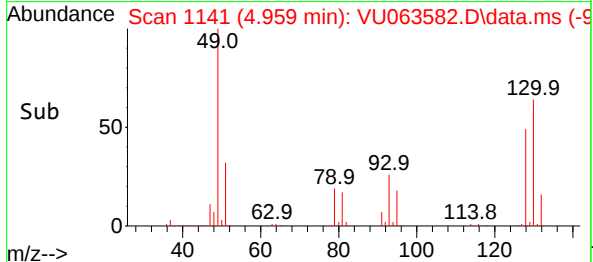
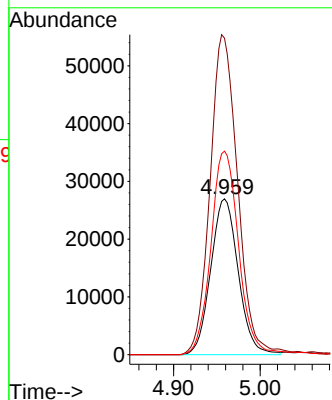
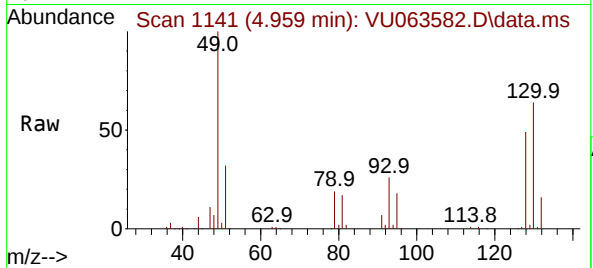




#26
Bromochloromethane
Concen: 10.925 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

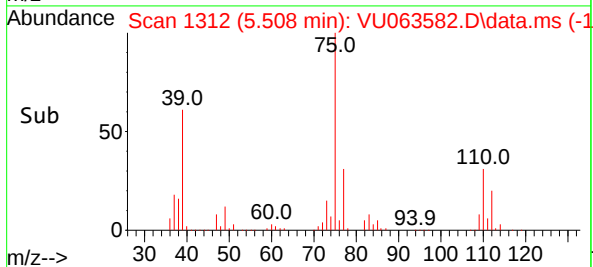
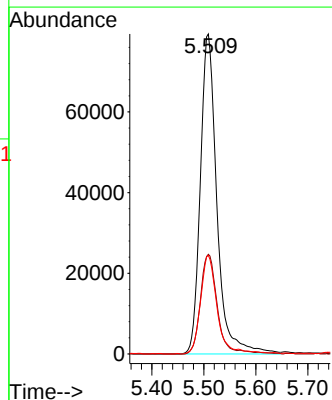
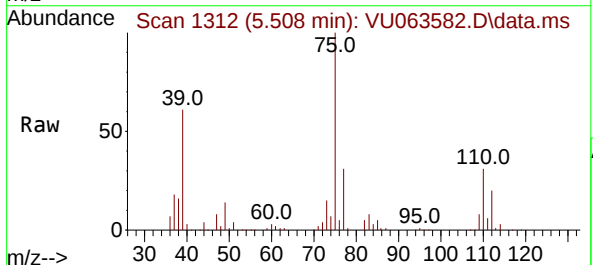
Instrument :
MSVOA_U
ClientSampleId :

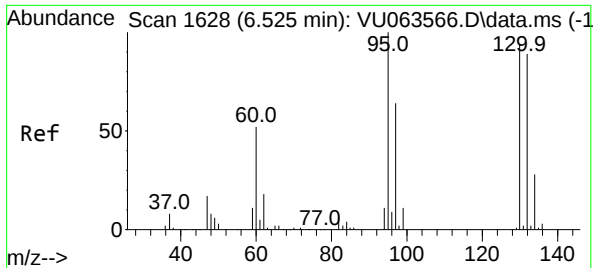
Tgt Ion:128 Resp: 59522
Ion Ratio Lower Upper
128 100
49 205.6 0.0 410.2
130 133.0 103.4 155.0



#29
1,1-Dichloropropene
Concen: 9.776 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. 0.003 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

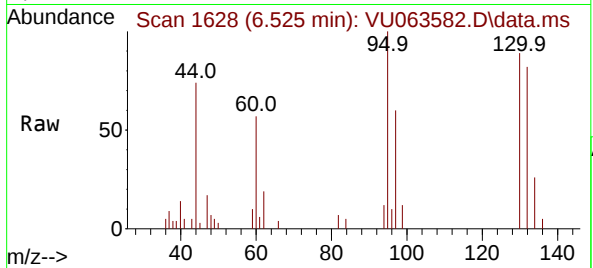
Tgt Ion: 75 Resp: 175737
Ion Ratio Lower Upper
75 100
110 31.4 16.4 49.4
77 30.9 24.6 37.0



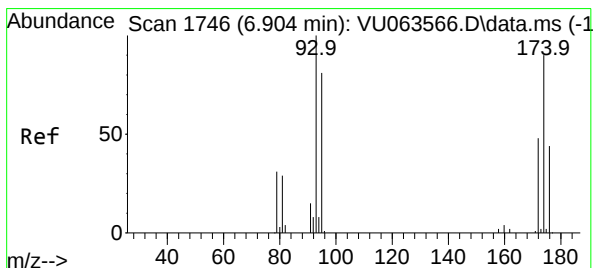
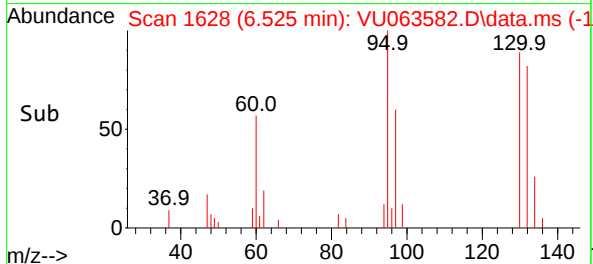
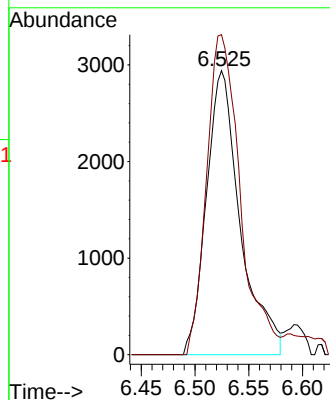


#37
Trichloroethene
Concen: 0.501 ug/l
RT: 6.525 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Instrument :
MSVOA_U
ClientSampleId :

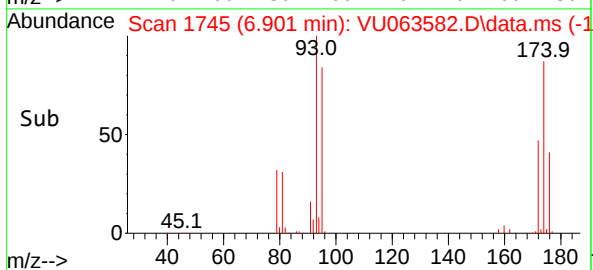
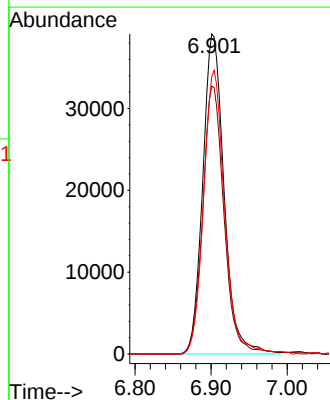
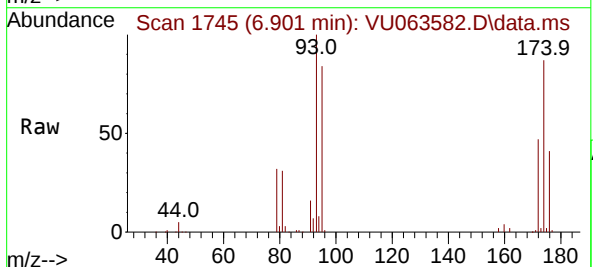


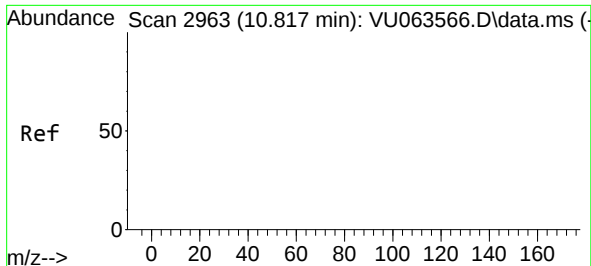
Tgt Ion:130 Resp: 6451
Ion Ratio Lower Upper
130 100
95 112.6 85.4 128.2



#43
Dibromomethane
Concen: 11.582 ug/l
RT: 6.901 min Scan# 1745
Delta R.T. -0.003 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

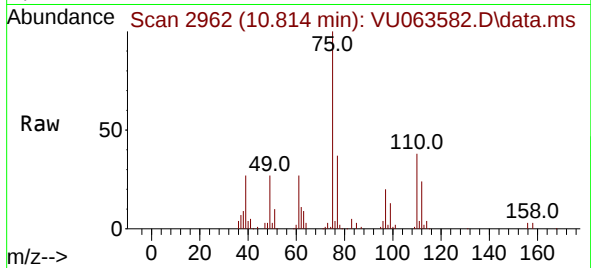
Tgt Ion: 93 Resp: 76133
Ion Ratio Lower Upper
93 100
95 84.2 66.6 100.0
174 87.3 72.7 109.1



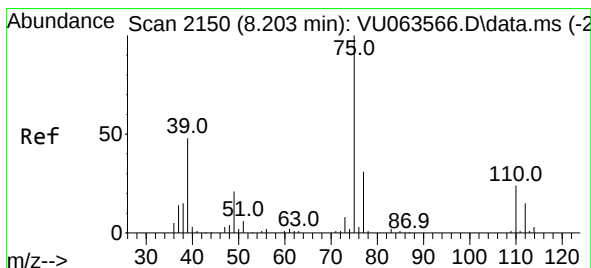
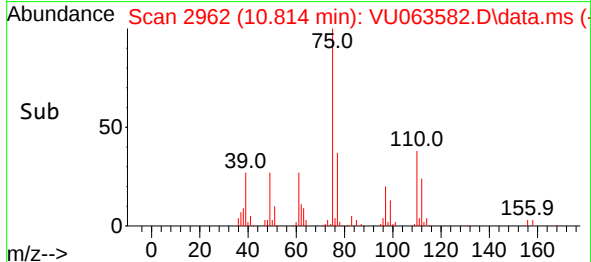
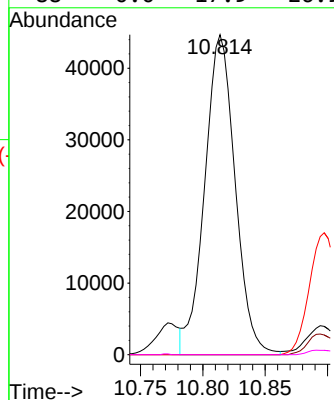


#46
 t-1,4-Dichloro-2-butene
 Concen: 24.646 ug/l
 RT: 10.814 min Scan# 2149
 Delta R.T. -0.003 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

Instrument :
 MSVOA_U
 ClientSampleId :

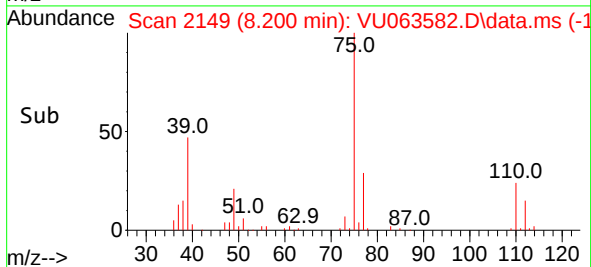
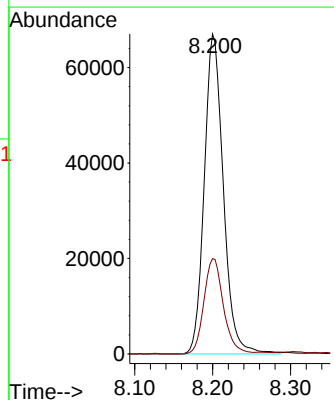
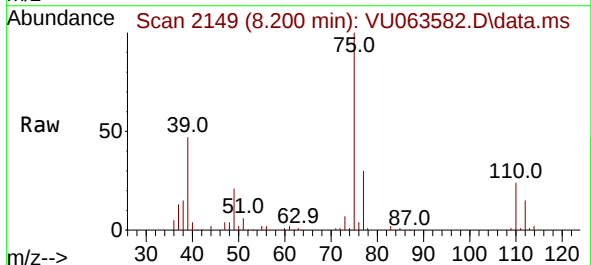


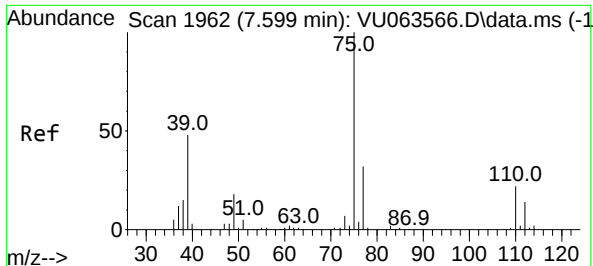
Tgt Ion:	75	Resp:	75920
Ion	Ratio	Lower	Upper
75	100		
53	0.0	43.2	64.8#
89	0.0	21.9	32.9#
88	0.0	17.9	26.9#



#50
 t-1,3-Dichloropropene
 Concen: 10.817 ug/l
 RT: 8.200 min Scan# 2149
 Delta R.T. -0.003 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

Tgt Ion:	75	Resp:	113810
Ion	Ratio	Lower	Upper
75	100		
77	29.8	24.8	37.2





#51

cis-1,3-Dichloropropene

Concen: 14.499 ug/l

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU063582.D

Acq: 15 Sep 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

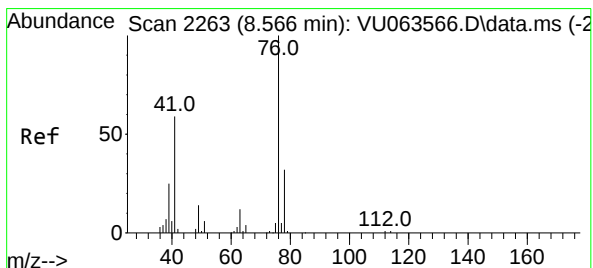
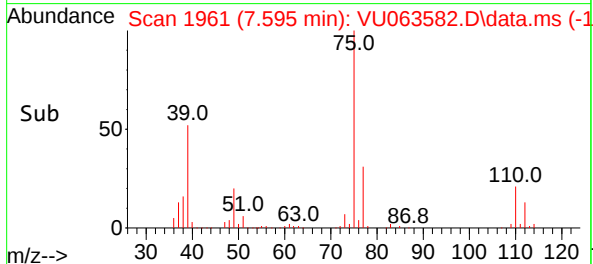
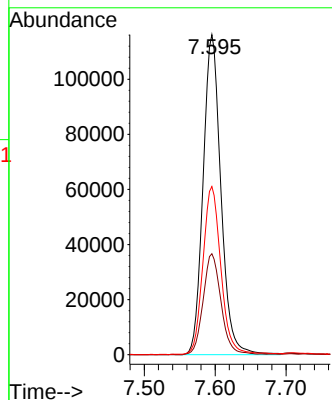
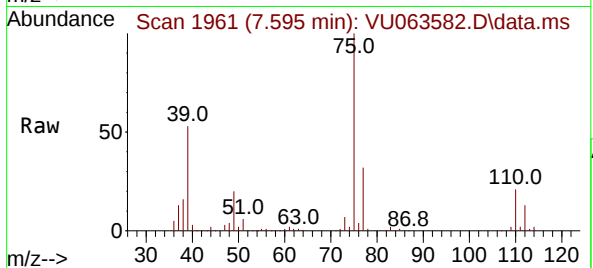
Tgt Ion: 75 Resp: 202934

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 52.4 38.8 58.2



#53

1,3-Dichloropropane

Concen: 2.812 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VU063582.D

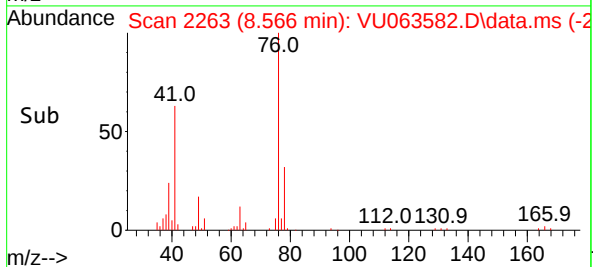
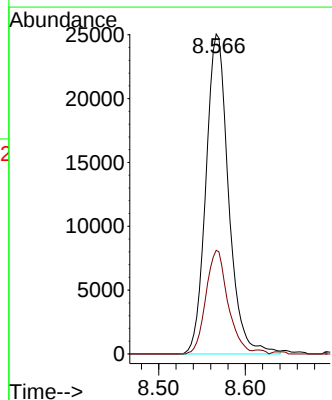
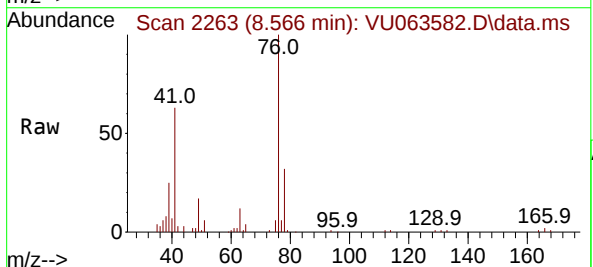
Acq: 15 Sep 2025 16:44

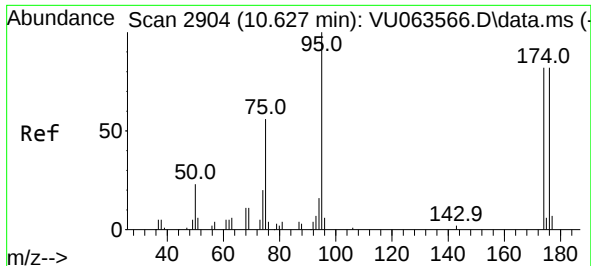
Tgt Ion: 76 Resp: 45459

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.2

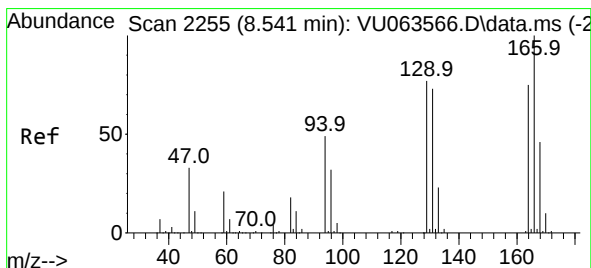
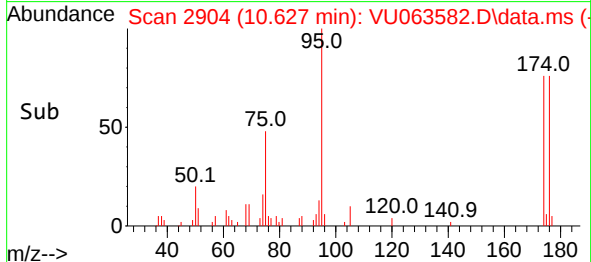
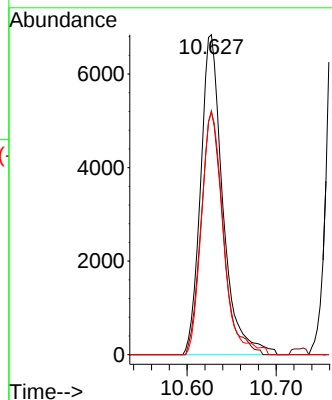
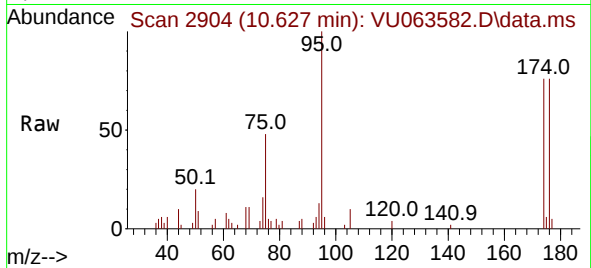




#57
4-Bromofluorobenzene
Concen: 0.806 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

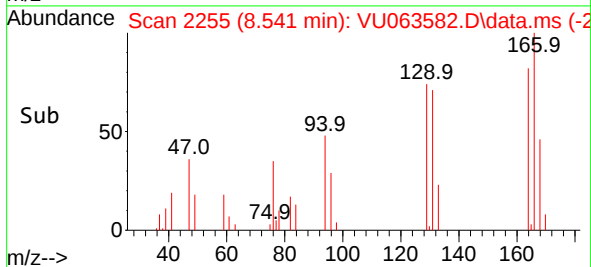
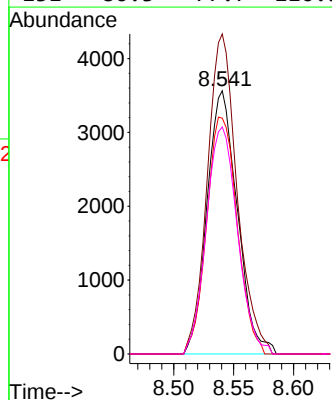
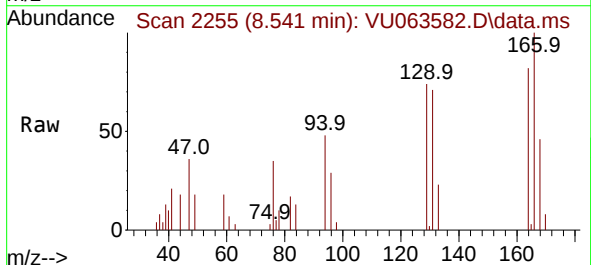
Instrument :
MSVOA_U
ClientSampleId :

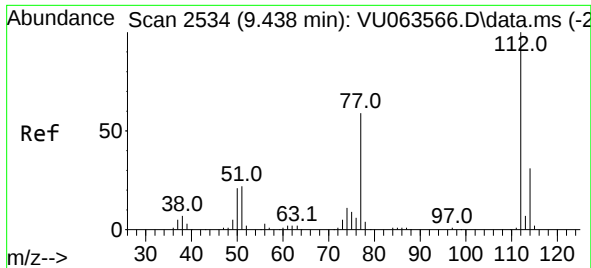
Tgt Ion: 95 Resp: 11879
Ion Ratio Lower Upper
95 100
174 74.9 64.7 97.1
176 74.9 66.2 99.4



#58
Tetrachloroethene
Concen: 0.493 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Tgt Ion: 164 Resp: 6253
Ion Ratio Lower Upper
164 100
166 121.6 106.4 159.6
129 89.6 81.4 122.2
131 86.3 77.7 116.5

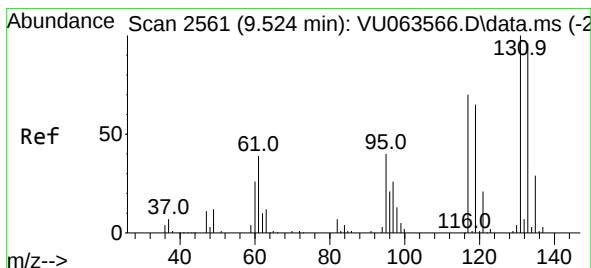
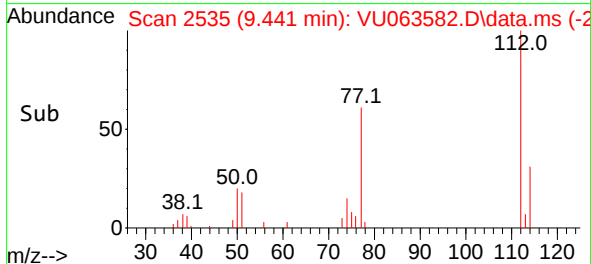
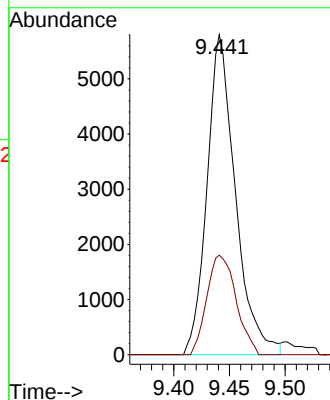
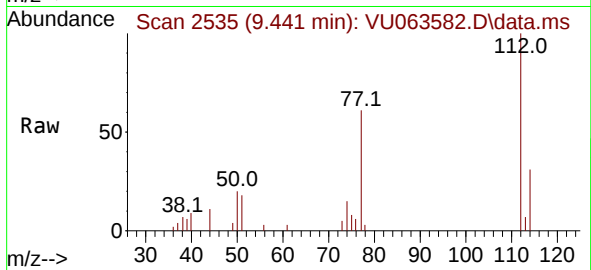




#59
Chlorobenzene
Concen: 0.318 ug/l
RT: 9.441 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

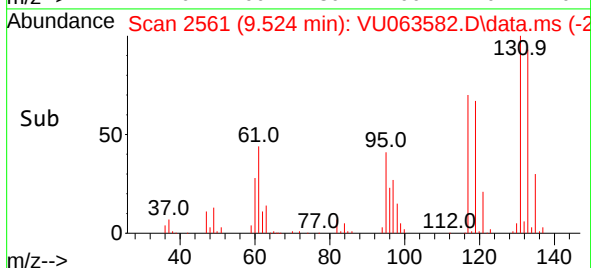
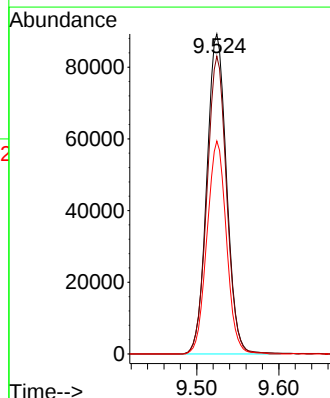
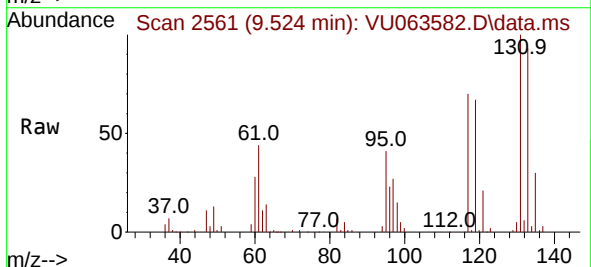
Instrument :
MSVOA_U
ClientSampleId :

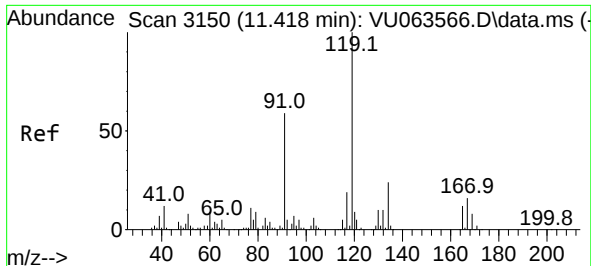
Tgt Ion:112 Resp: 10289
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 14.079 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Tgt Ion:131 Resp: 148831
Ion Ratio Lower Upper
131 100
133 93.3 75.8 113.8
119 65.6 51.8 77.6

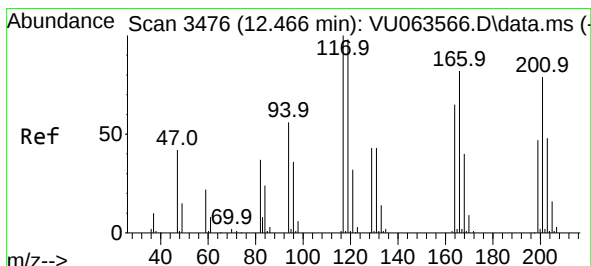
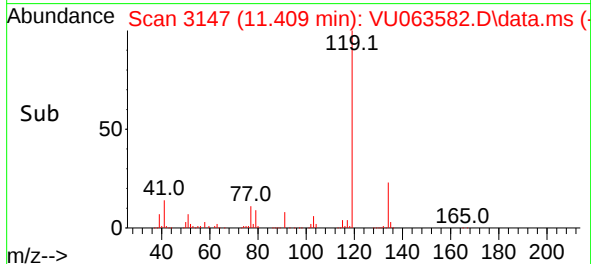
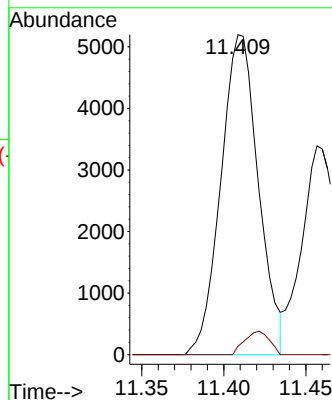
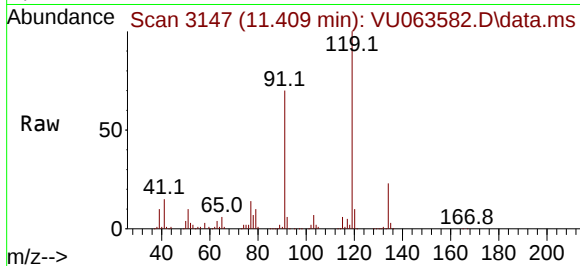




#61
 Pentachloroethane
 Concen: 1.090 ug/l
 RT: 11.409 min Scan# 3150
 Delta R.T. -0.010 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

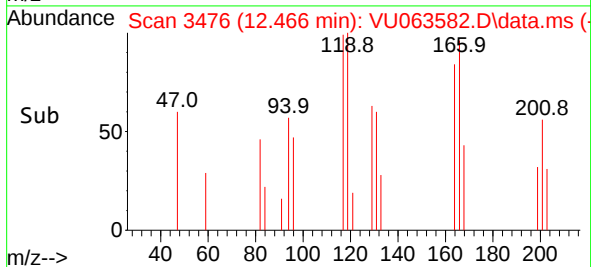
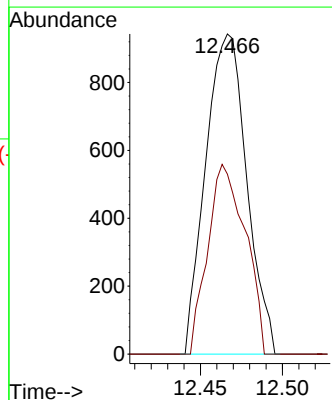
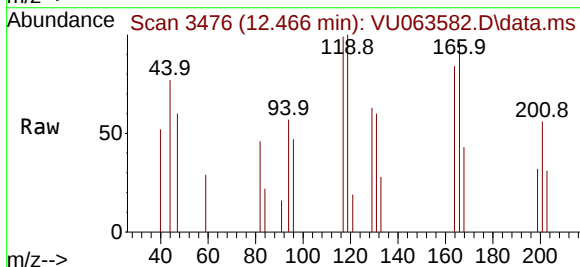
Instrument :
 MSVOA_U
 ClientSampleId :

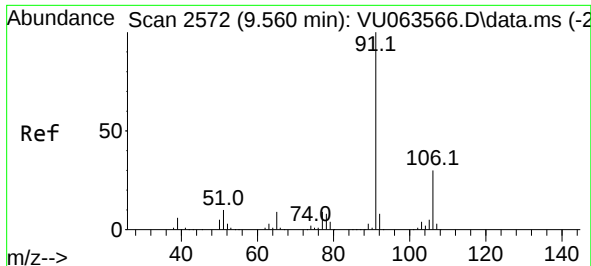
Tgt Ion:117 Resp: 8259
 Ion Ratio Lower Upper
 117 100
 167 4.8 62.6 93.8#



#62
 Hexachloroethane
 Concen: 0.249 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

Tgt Ion:117 Resp: 1642
 Ion Ratio Lower Upper
 117 100
 201 54.3 61.0 91.6#





#63

Ethyl Benzene

Concen: 0.351 ug/l

RT: 9.563 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063582.D

Acq: 15 Sep 2025 16:44

Instrument :

MSVOA_U

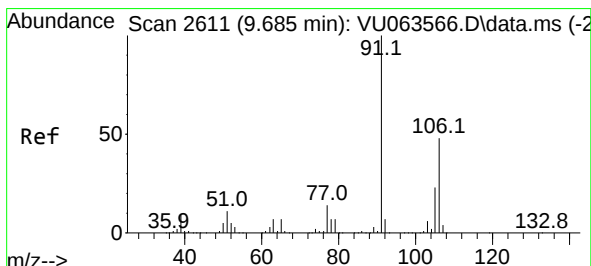
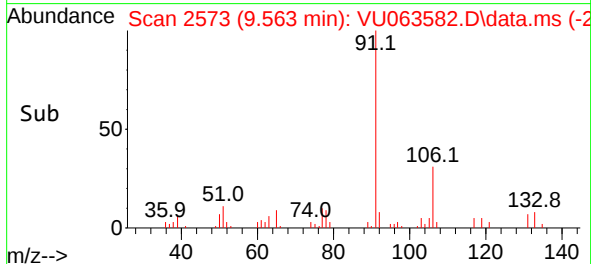
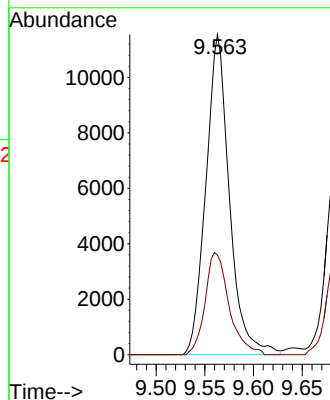
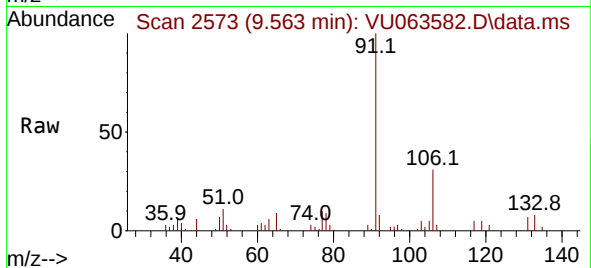
ClientSampleId :

Tgt Ion: 91 Resp: 19401

Ion Ratio Lower Upper

91 100

106 31.1 23.8 35.8



#64

m/p-Xylenes

Concen: 0.342 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU063582.D

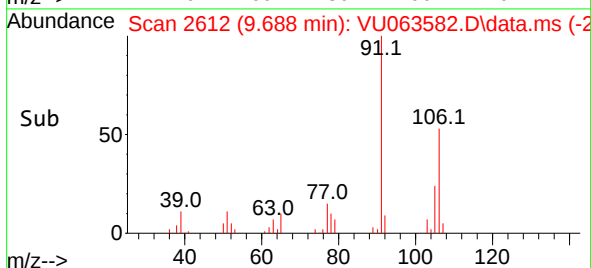
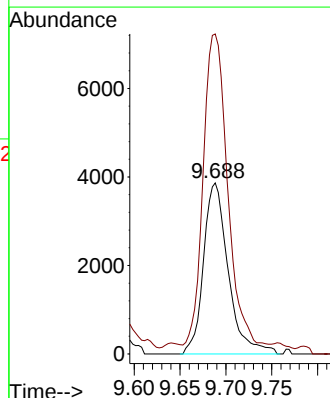
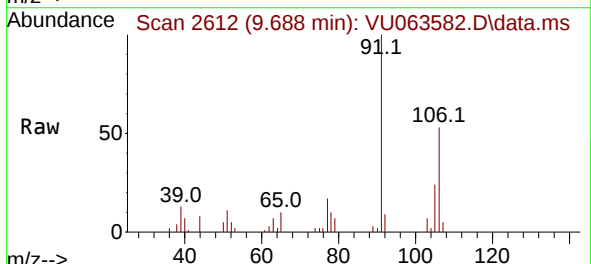
Acq: 15 Sep 2025 16:44

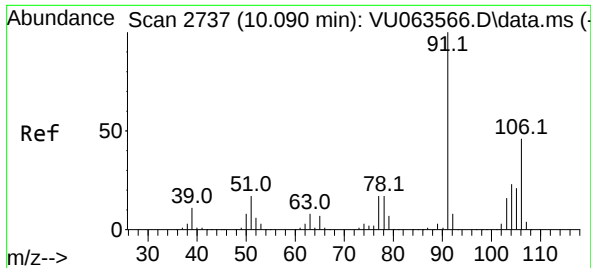
Tgt Ion:106 Resp: 7252

Ion Ratio Lower Upper

106 100

91 177.0 167.0 250.4

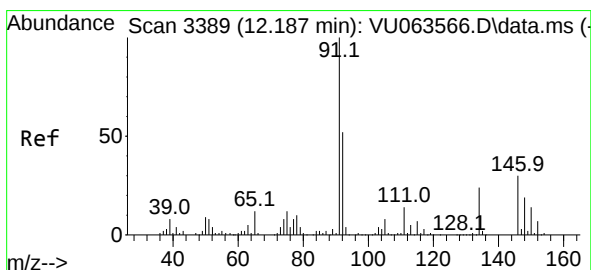
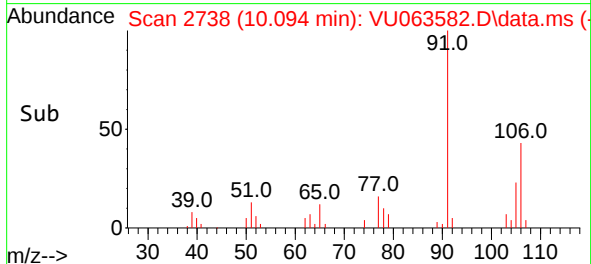
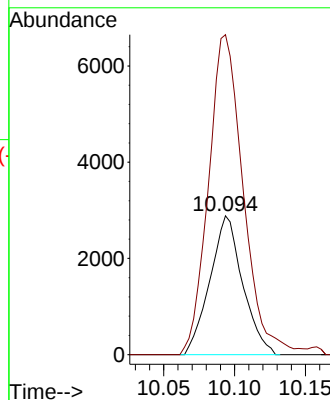
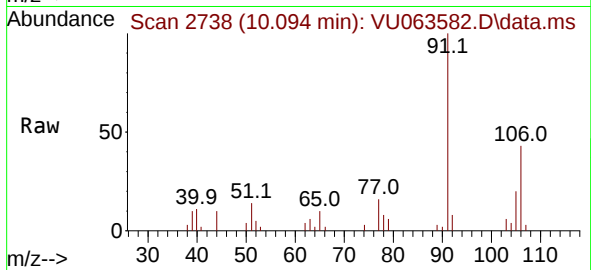




#65
o-Xylene
Concen: 0.218 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

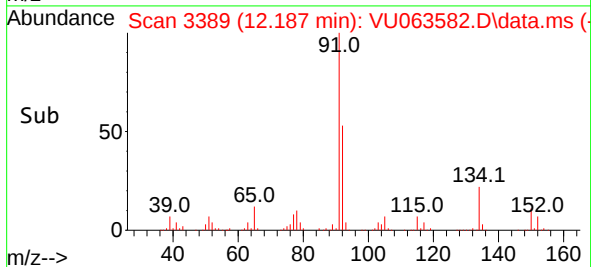
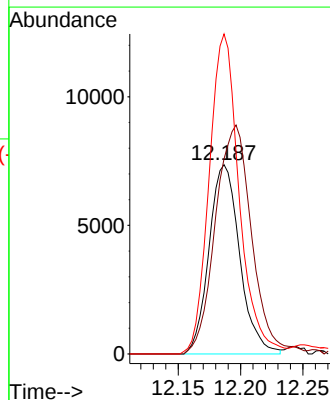
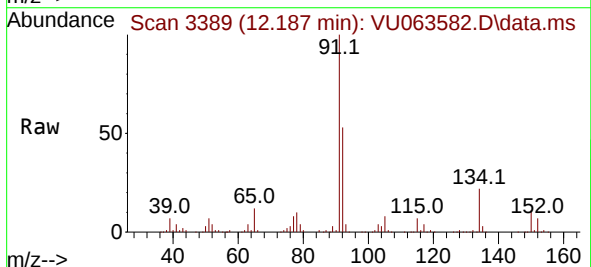
Instrument :
MSVOA_U
ClientSampleId :

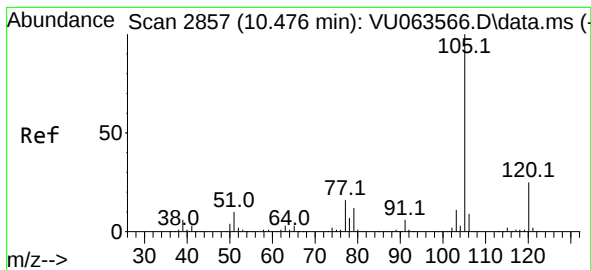
Tgt Ion:106 Resp: 4634
Ion Ratio Lower Upper
106 100
91 244.8 108.7 326.1



#68
1,2-Dichlorobenzene-d4
Concen: 0.840 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Tgt Ion:152 Resp: 12614
Ion Ratio Lower Upper
152 100
115 142.8 0.0 260.6
150 165.3 0.0 661.8





#69

Isopropylbenzene

Concen: 5.917 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU063582.D

Acq: 15 Sep 2025 16:44

Instrument :

MSVOA_U

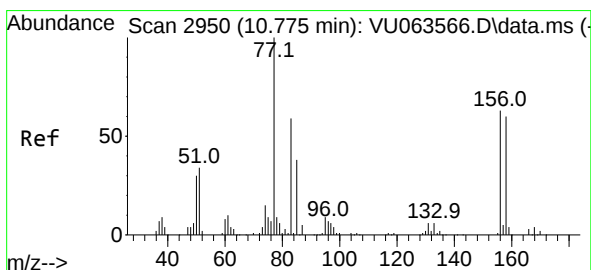
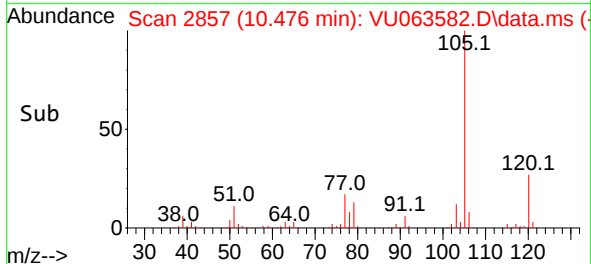
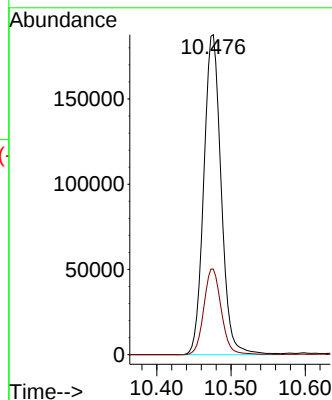
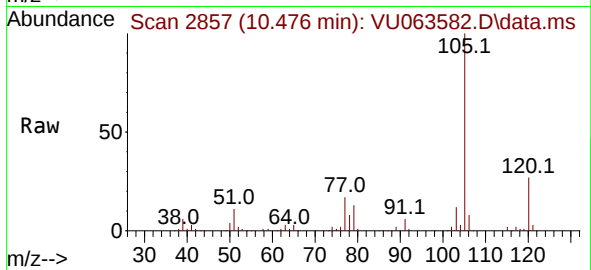
ClientSampleId :

Tgt Ion:105 Resp: 305284

Ion Ratio Lower Upper

105 100

120 26.9 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 12.568 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063582.D

Acq: 15 Sep 2025 16:44

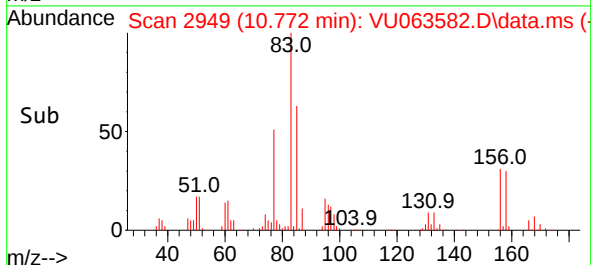
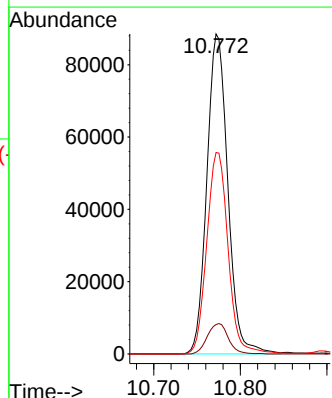
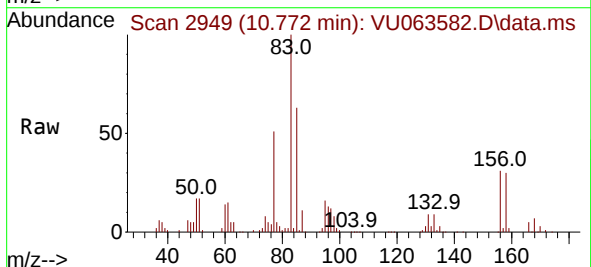
Tgt Ion: 83 Resp: 148911

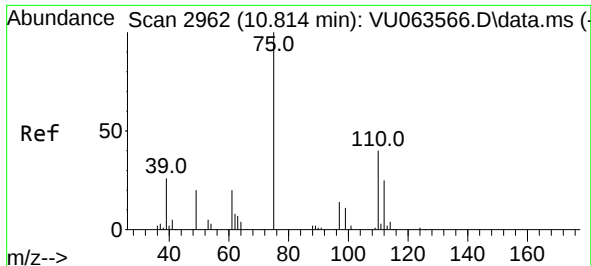
Ion Ratio Lower Upper

83 100

131 9.4 7.7 11.5

85 64.0 52.2 78.4

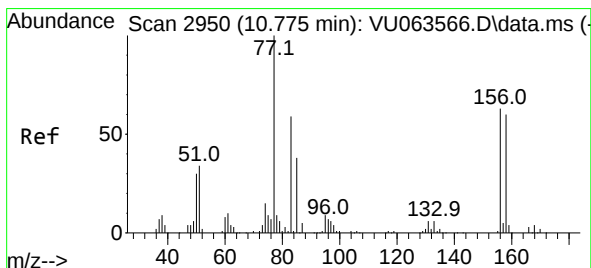
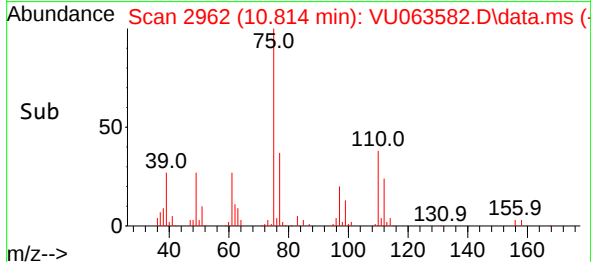
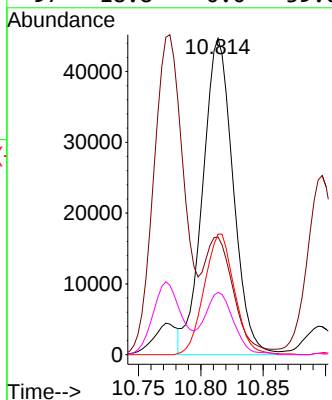
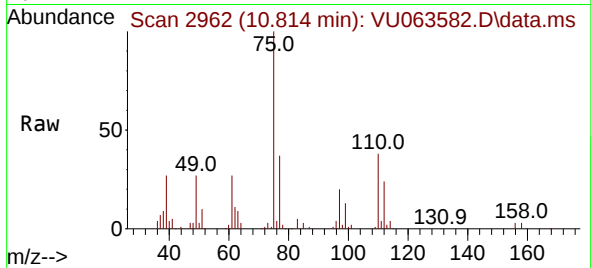




#71
1,2,3-Trichloropropane
Concen: 8.644 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

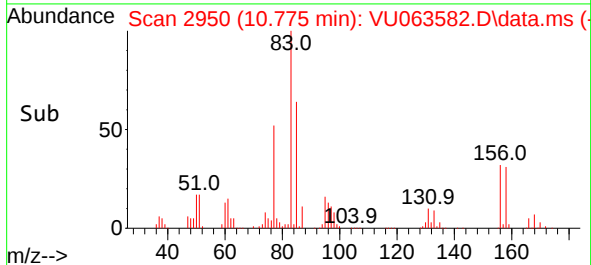
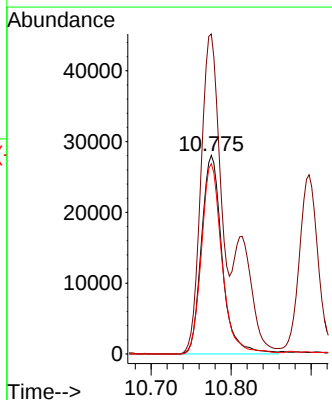
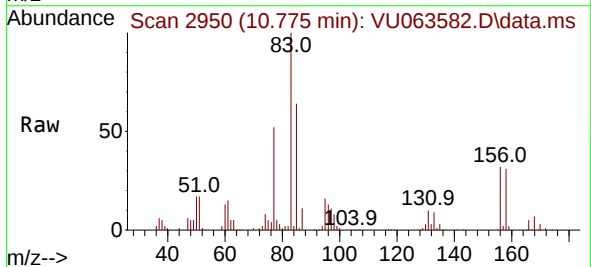
Instrument :
MSVOA_U
ClientSampleId :

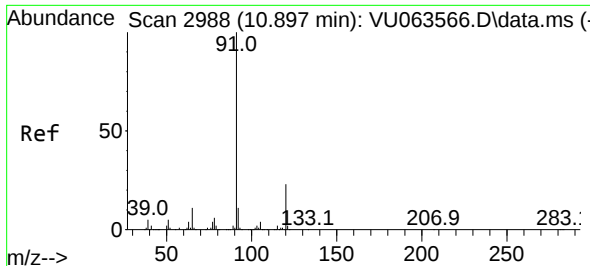
Tgt Ion:	75	Resp:	75920
Ion	Ratio	Lower	Upper
75	100		
77	32.3	0.0	0.0#
110	38.1	0.0	77.6
97	18.8	0.0	39.6



#72
Bromobenzene
Concen: 3.766 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Tgt Ion:	156	Resp:	50404
Ion	Ratio	Lower	Upper
156	100		
77	151.8	0.0	323.0
158	95.1	0.0	195.4

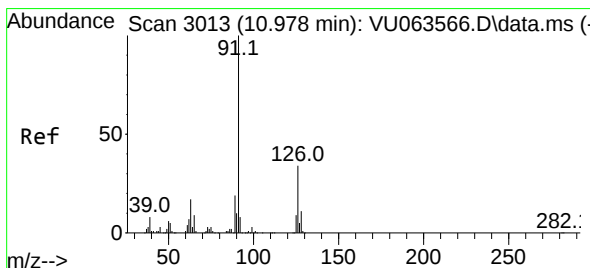
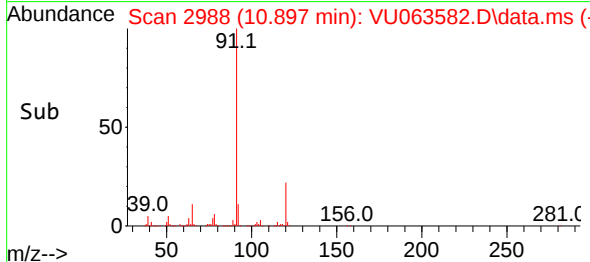
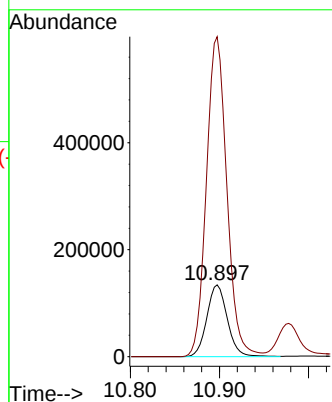
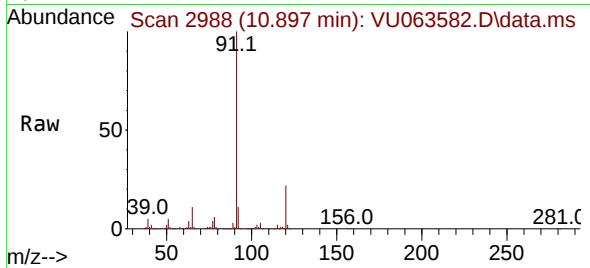




#73
n-propylbenzene
Concen: 14.343 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

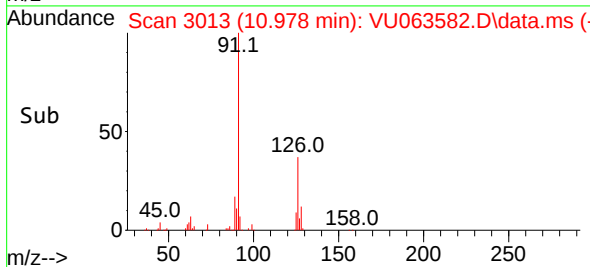
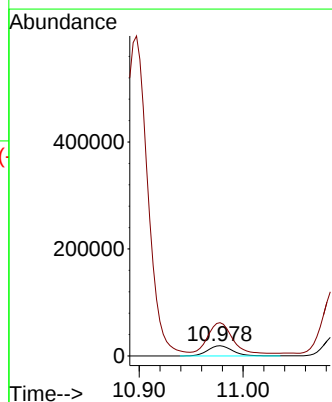
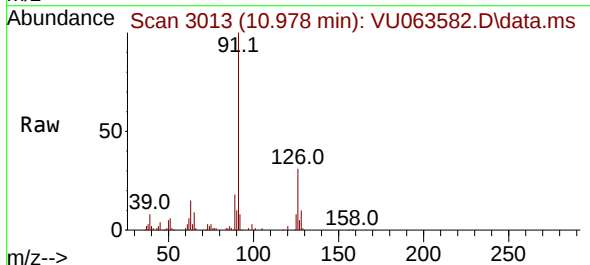
Instrument :
MSVOA_U
ClientSampleId :

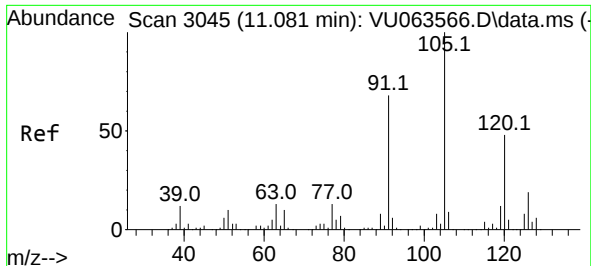
Tgt Ion:120 Resp: 213914
Ion Ratio Lower Upper
120 100
91 445.1 349.1 523.7



#74
2-Chlorotoluene
Concen: 2.352 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Tgt Ion:126 Resp: 31722
Ion Ratio Lower Upper
126 100
91 301.4 0.0 609.4

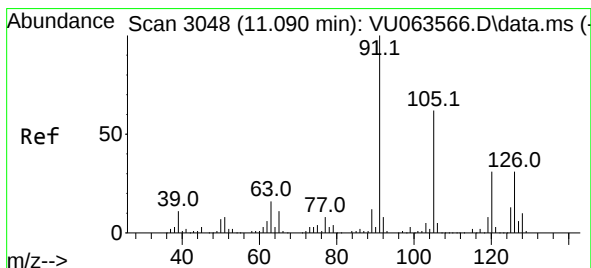
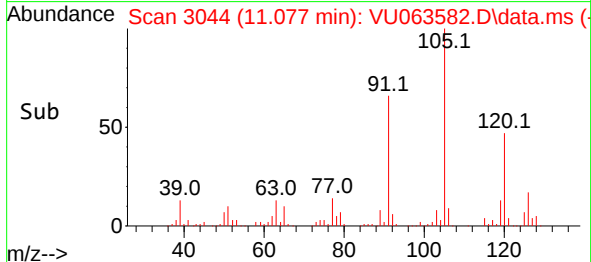
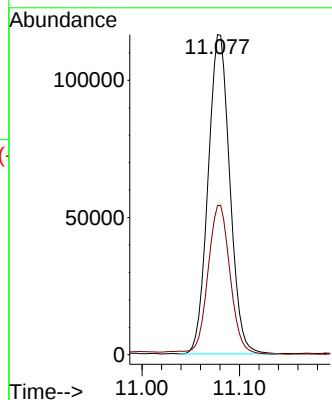
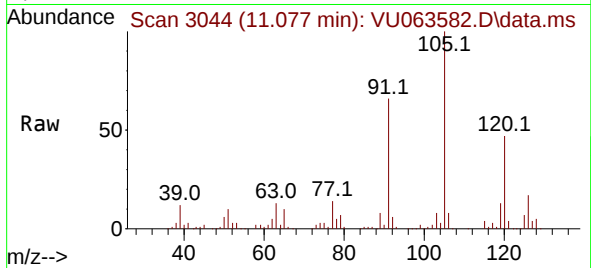




#75
1,3,5-Trimethylbenzene
Concen: 3.735 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

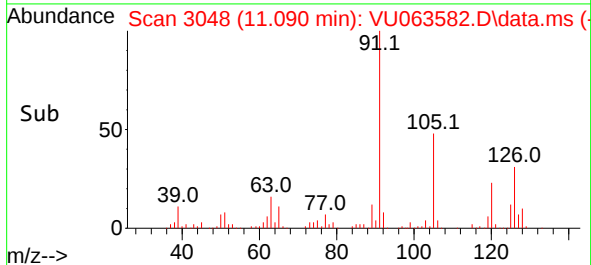
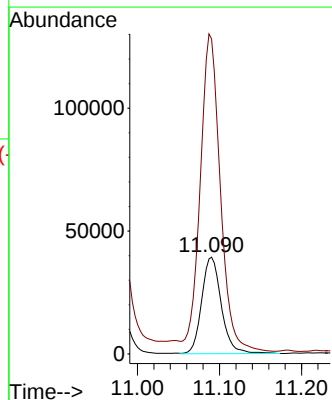
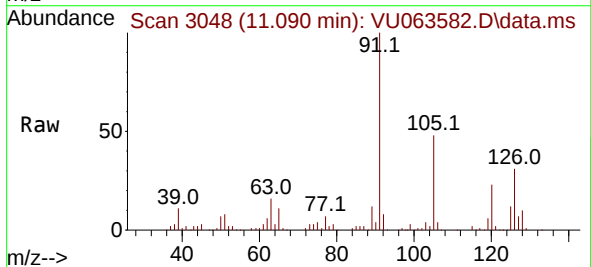
Instrument :
MSVOA_U
ClientSampleId :

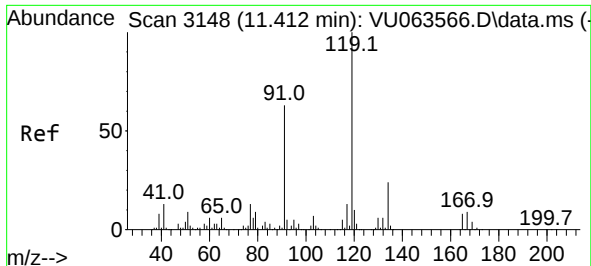
Tgt Ion:105 Resp: 180211
Ion Ratio Lower Upper
105 100
120 47.8 38.0 57.0



#76
4-Chlorotoluene
Concen: 4.616 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

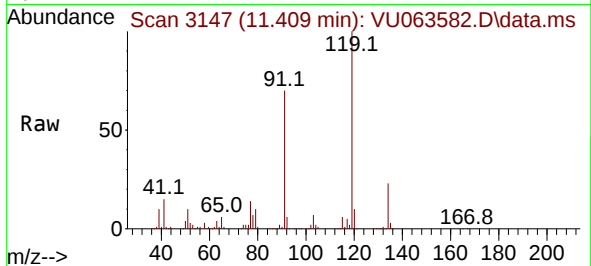
Tgt Ion:126 Resp: 65194
Ion Ratio Lower Upper
126 100
91 337.2 0.0 679.4



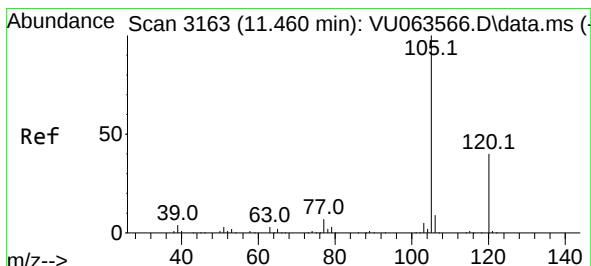
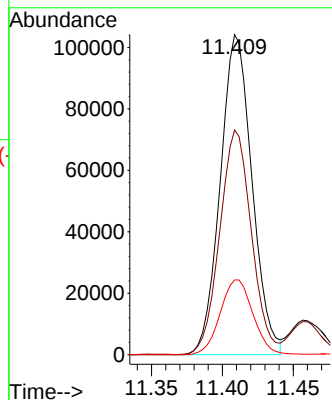
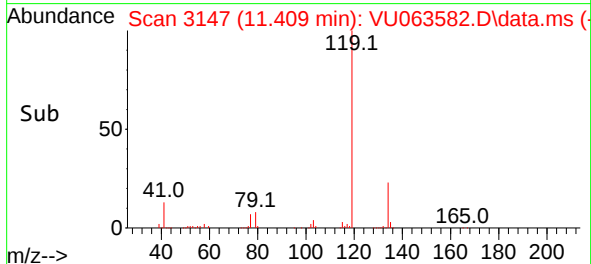


#77
 tert-Butylbenzene
 Concen: 3.487 ug/l
 RT: 11.409 min Scan# 3147
 Delta R.T. -0.003 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

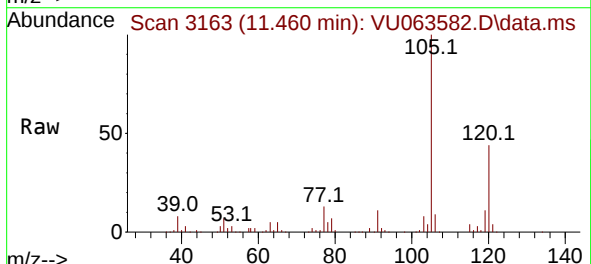
Instrument :
 MSVOA_U
 ClientSampleId :



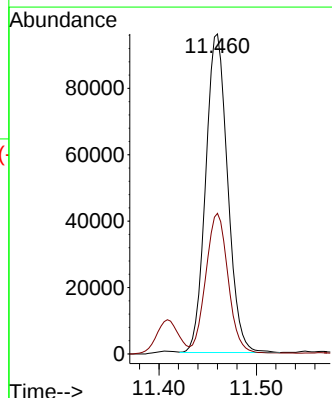
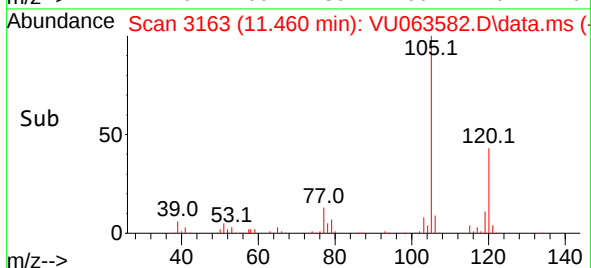
Tgt Ion:119 Resp: 162655
 Ion Ratio Lower Upper
 119 100
 91 70.3 31.0 93.0
 134 24.1 19.0 28.6

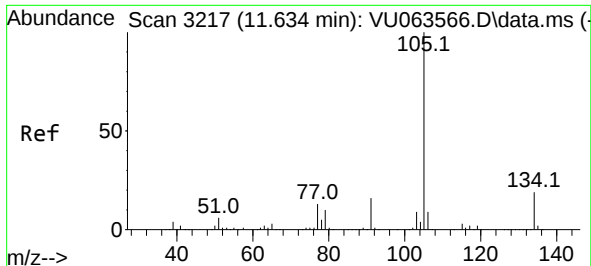


#78
 1,2,4-Trimethylbenzene
 Concen: 3.198 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. -0.000 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44



Tgt Ion:105 Resp: 150168
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

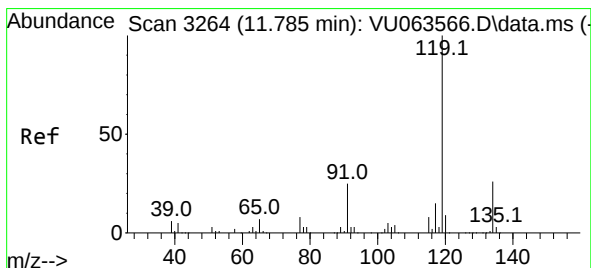
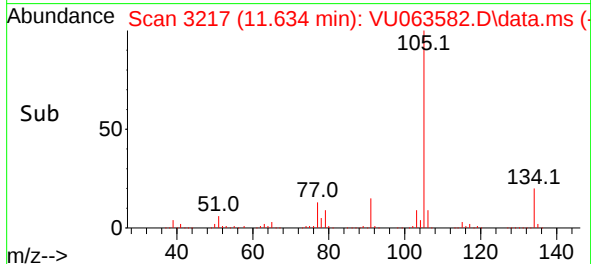
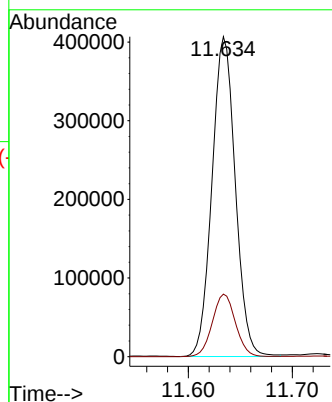
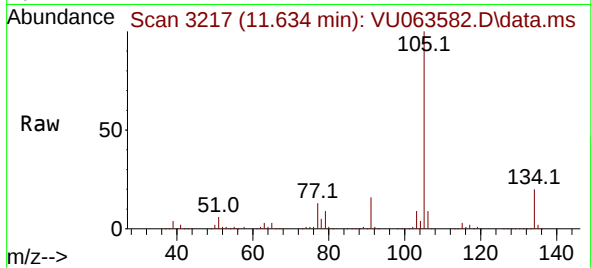




#79
 sec-Butylbenzene
 Concen: 10.013 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

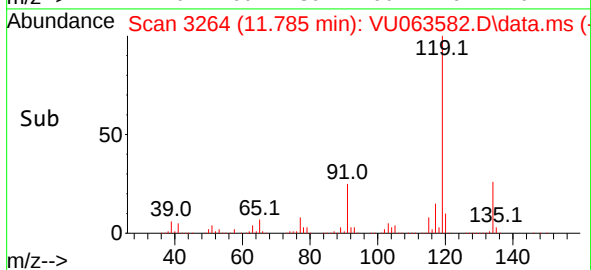
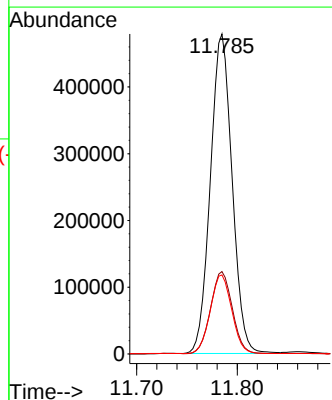
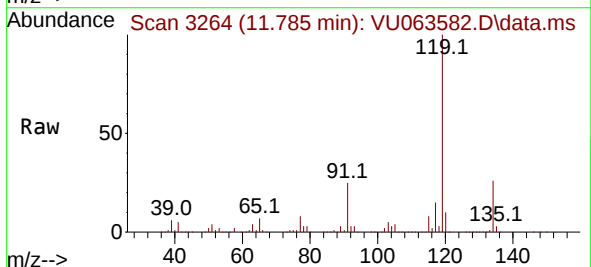
Instrument :
 MSVOA_U
 ClientSampleId :

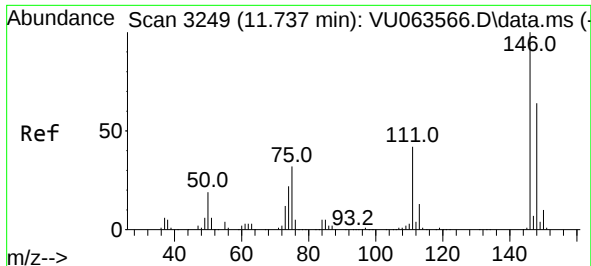
Tgt Ion:105 Resp: 632812
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.6 23.4



#81
 p-Isopropyltoluene
 Concen: 14.149 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

Tgt Ion:119 Resp: 719516
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.6 30.8
 91 24.3 19.8 29.6

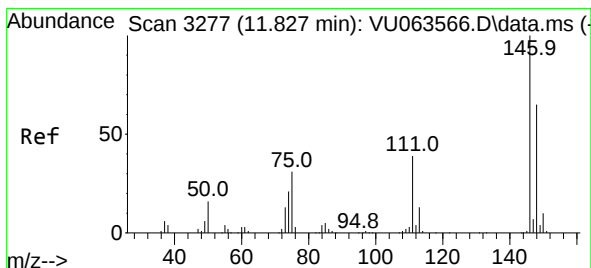
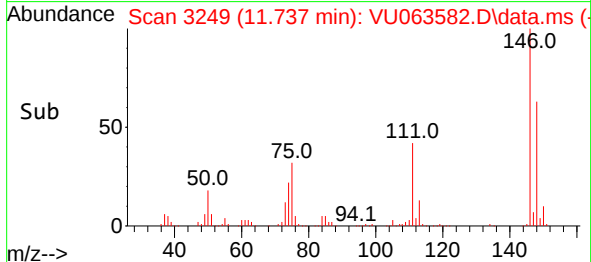
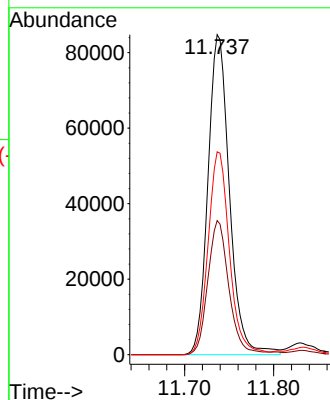
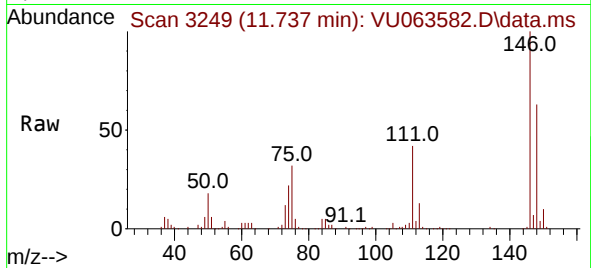




#82
1,3-Dichlorobenzene
Concen: 5.270 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

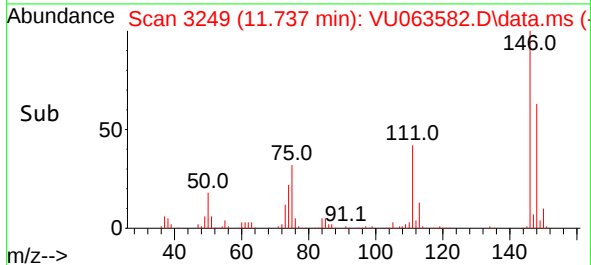
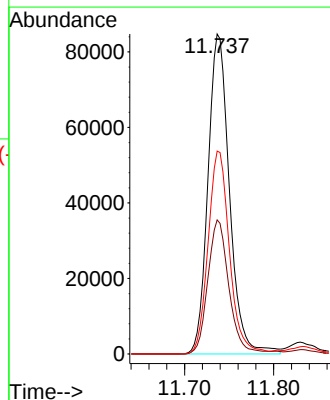
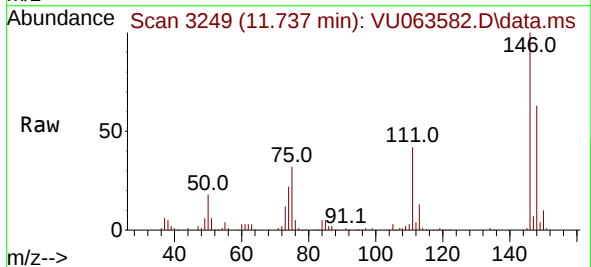
Instrument :
MSVOA_U
ClientSampleId :

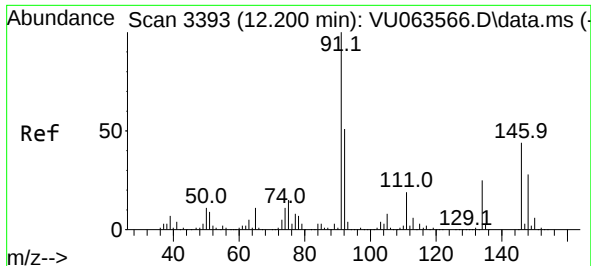
Tgt Ion:146 Resp: 141944
Ion Ratio Lower Upper
146 100
111 41.1 32.7 49.1
148 62.9 50.4 75.6



#83
1,4-Dichlorobenzene
Concen: 5.130 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.090 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

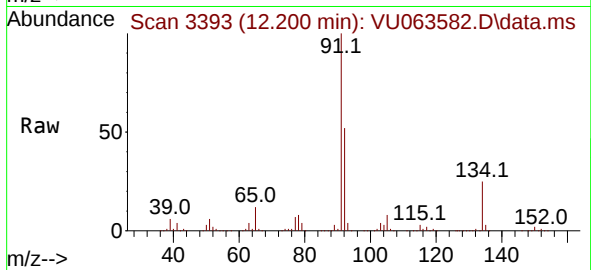
Tgt Ion:146 Resp: 141944
Ion Ratio Lower Upper
146 100
111 41.1 31.6 47.4
148 62.9 51.8 77.8



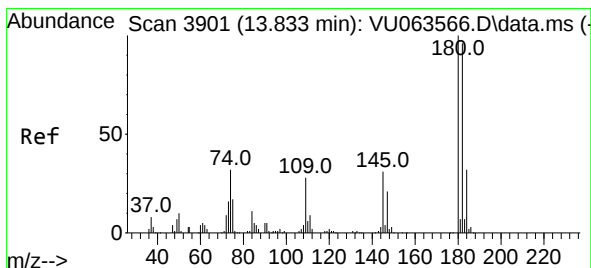
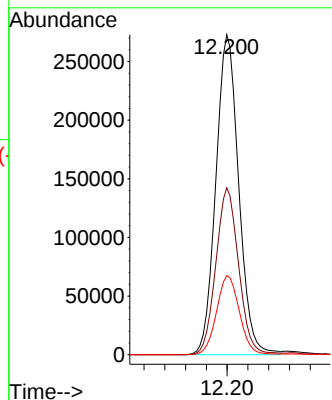
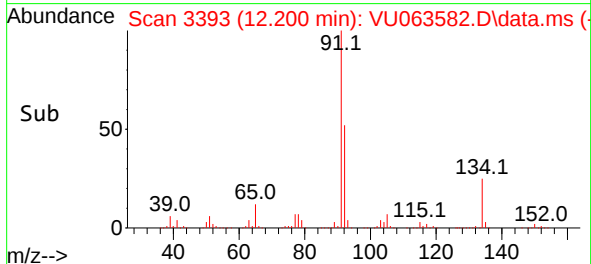


#84
n-Butylbenzene
Concen: 8.750 ug/l
RT: 12.200 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Instrument :
MSVOA_U
ClientSampleId :

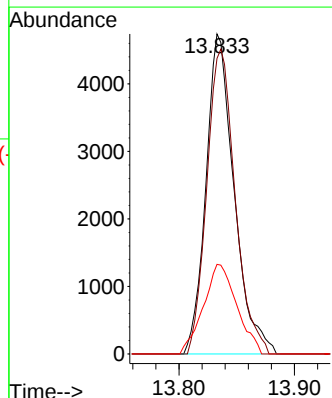
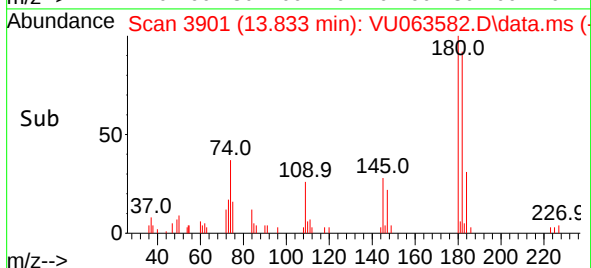
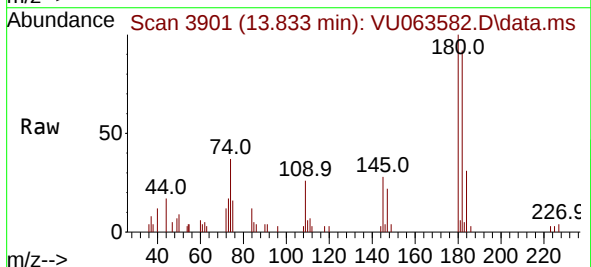


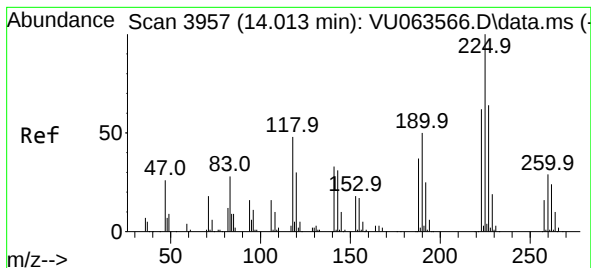
Tgt Ion: 91 Resp: 417036
Ion Ratio Lower Upper
91 100
92 52.0 41.3 61.9
134 25.0 19.9 29.9



#87
1,2,4-Trichlorobenzene
Concen: 0.510 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063582.D
Acq: 15 Sep 2025 16:44

Tgt Ion:180 Resp: 8021
Ion Ratio Lower Upper
180 100
182 95.8 77.1 115.7
145 33.2 25.0 37.4





#88

Hexachlorobutadiene

Concen: 31.156 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063582.D

Acq: 15 Sep 2025 16:44

Instrument :

MSVOA_U

ClientSampleId :

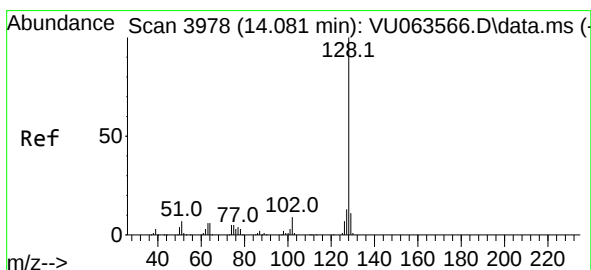
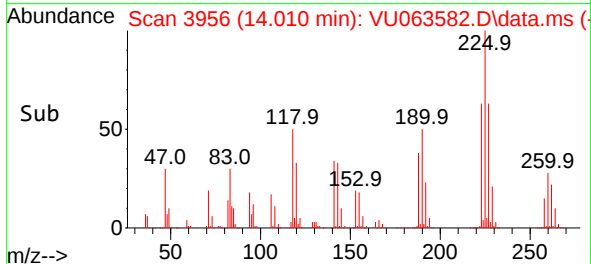
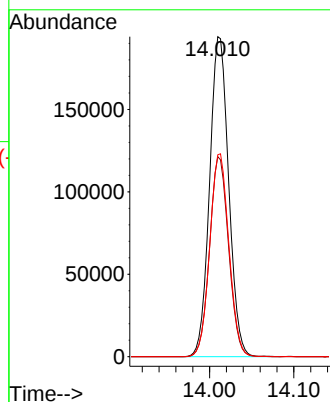
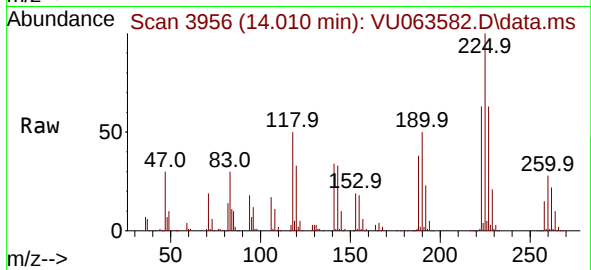
Tgt Ion:225 Resp: 305007

Ion Ratio Lower Upper

225 100

223 62.3 50.2 75.2

227 63.8 51.6 77.4



#89

Naphthalene

Concen: 8.500 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU063582.D

Acq: 15 Sep 2025 16:44

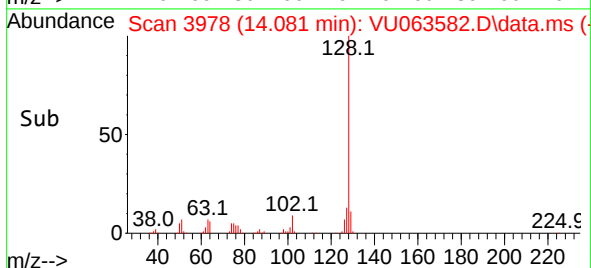
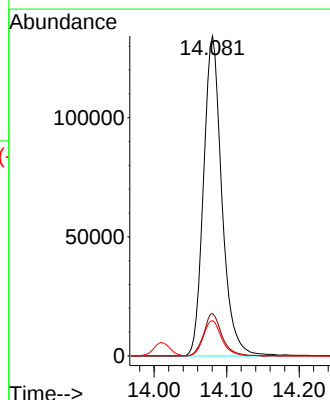
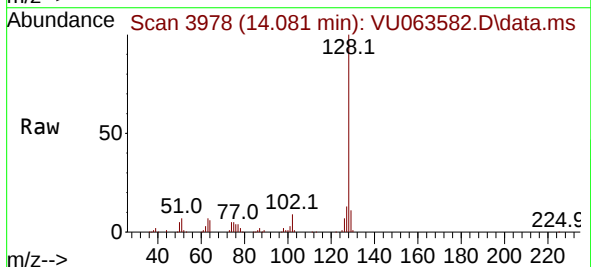
Tgt Ion:128 Resp: 236413

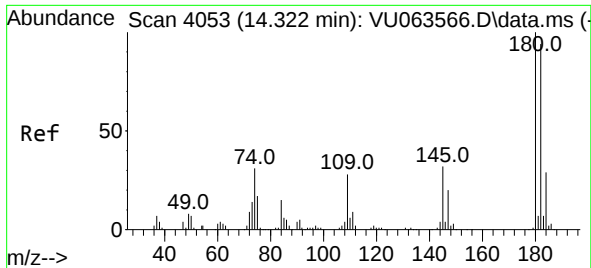
Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

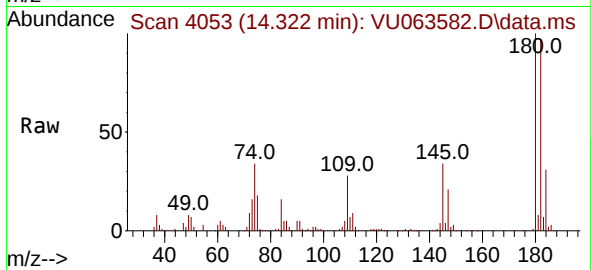
129 11.1 8.6 13.0





#90
 1,2,3-Trichlorobenzene
 Concen: 20.399 ug/l
 RT: 14.322 min Scan# 4053
 Delta R.T. -0.000 min
 Lab File: VU063582.D
 Acq: 15 Sep 2025 16:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	304557
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	33.9	26.6	40.0

