

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057795.D
 Acq On : 02 Feb 2024 15:13
 Operator : MD/SY
 Sample : P1174-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

Quant Time: Feb 03 05:55:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

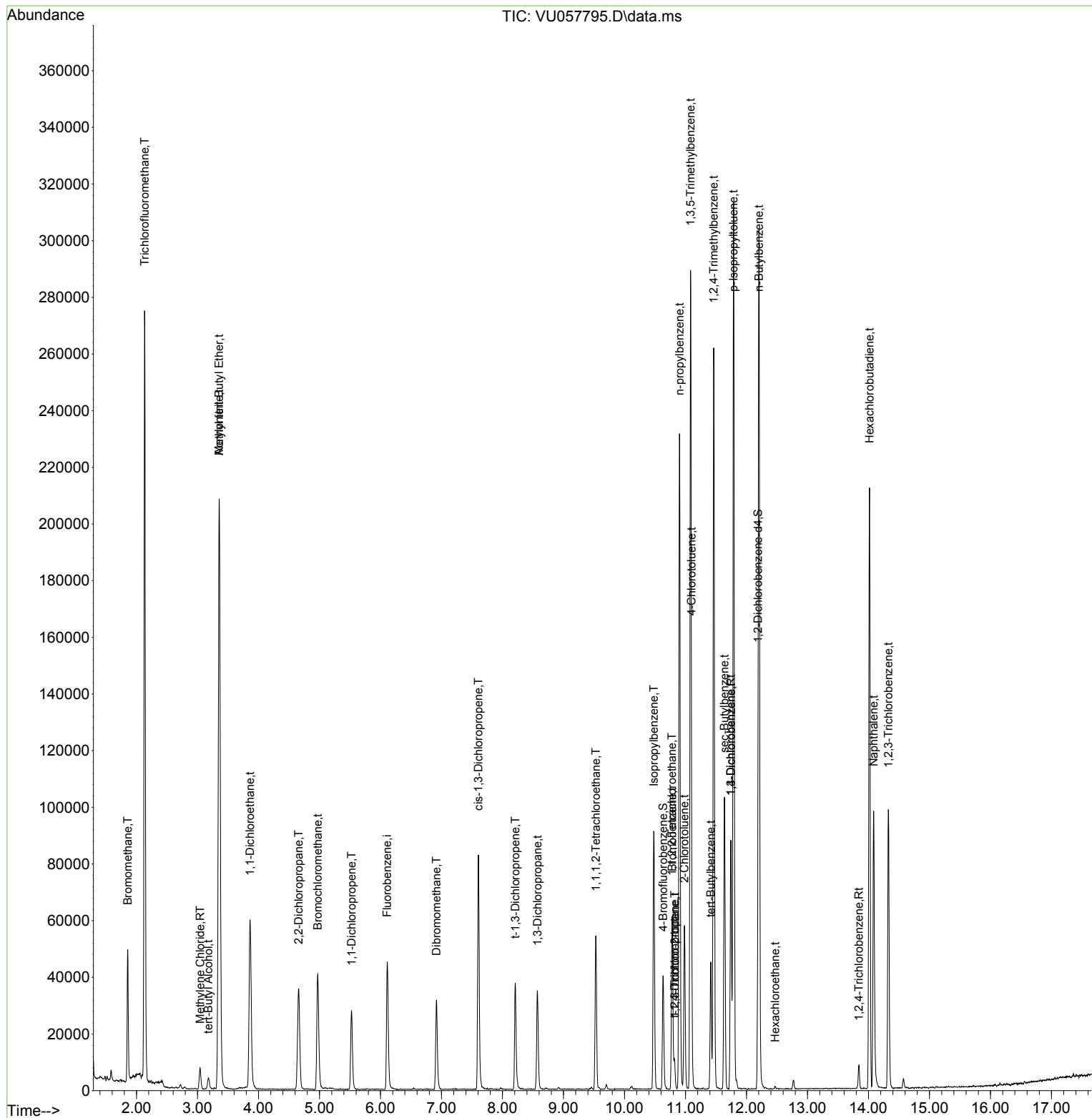
Internal Standards						
1) Fluorobenzene	6.110	96	42616	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	14560	0.902	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13598	0.936	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.856	94	20183	2.450	ug/l	94
7) Trichlorofluoromethane	2.132	101	171391	8.061	ug/l	99
12) Acrylonitrile	3.354	53	2169	1.200	ug/l	# 19
15) Methylene Chloride	3.042	84	3545	0.280	ug/l	97
17) 1,1-Dichloroethane	3.862	63	69092	3.165	ug/l	99
21) 2,2-Dichloropropane	4.660	77	27136	1.400	ug/l	# 75
24) tert-Butyl Alcohol	3.177	59	2652	3.052	ug/l	# 1
25) Methyl tert-Butyl Ether	3.354	73	239499	9.637	ug/l	96
26) Bromochloromethane	4.972	128	13383	2.630	ug/l	96
29) 1,1-Dichloropropene	5.525	75	16033	0.967	ug/l	97
43) Dibromomethane	6.917	93	13619	2.393	ug/l	95
46) t-1,4-Dichloro-2-butene	10.823	75	4089	3.135	ug/l	# 15
50) t-1,3-Dichloropropene	8.209	75	21940	1.595	ug/l	98
51) cis-1,3-Dichloropropene	7.605	75	47912	2.749	ug/l	# 91
53) 1,3-Dichloropropane	8.573	76	21507	1.526	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.531	131	14355	1.312	ug/l	95
62) Hexachloroethane	12.470	117	238	0.525	ug/l	# 51
69) Isopropylbenzene	10.479	105	59285	1.097	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	5472	0.557	ug/l	92
71) 1,2,3-Trichloropropane	10.823	75	4089	0.504	ug/l	# 56
72) Bromobenzene	10.782	156	13813	1.162	ug/l	90
73) n-propylbenzene	10.904	120	39196	2.886	ug/l	99
74) 2-Chlorotoluene	10.981	126	10393	0.825	ug/l	89
75) 1,3,5-Trimethylbenzene	11.084	105	149875	3.229	ug/l	97
76) 4-Chlorotoluene	11.097	126	5469	0.432	ug/l	1
77) tert-Butylbenzene	11.415	119	20897	0.480	ug/l	90
78) 1,2,4-Trimethylbenzene	11.463	105	142785	3.033	ug/l	99
79) sec-Butylbenzene	11.640	105	71567	1.285	ug/l	100
81) p-Isopropyltoluene	11.788	119	168737	3.595	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	34872	1.450	ug/l	96
83) 1,4-Dichlorobenzene	11.743	146	34872	1.486	ug/l	95
84) n-Butylbenzene	12.206	91	155218	3.458	ug/l	97
87) 1,2,4-Trichlorobenzene	13.843	180	2659	0.204	ug/l	92
88) Hexachlorobutadiene	14.016	225	35381	4.231	ug/l	99
89) Naphthalene	14.084	128	83364	4.143	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	29349	2.707	ug/l	99

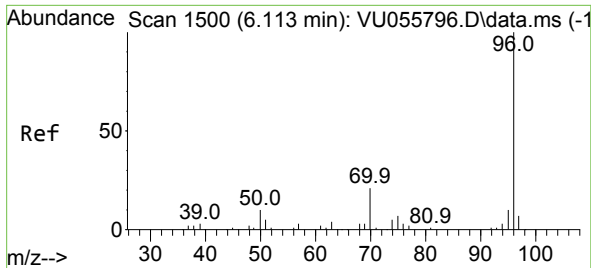
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 02 00:27:55 2024
Response via : Initial Calibration

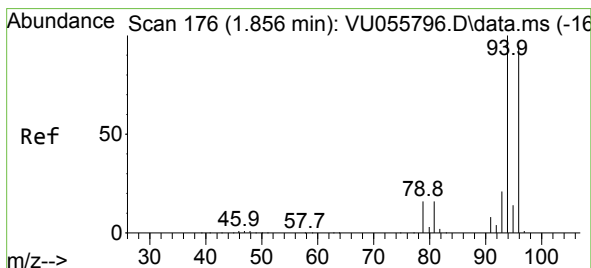
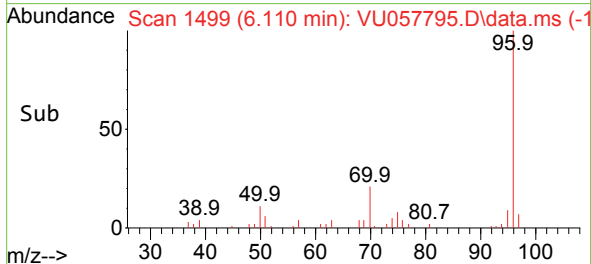
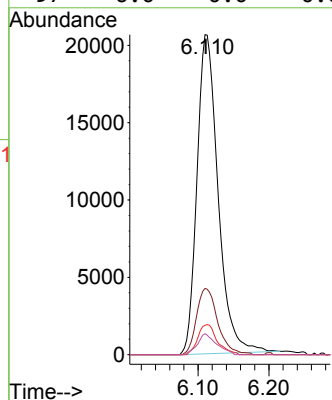
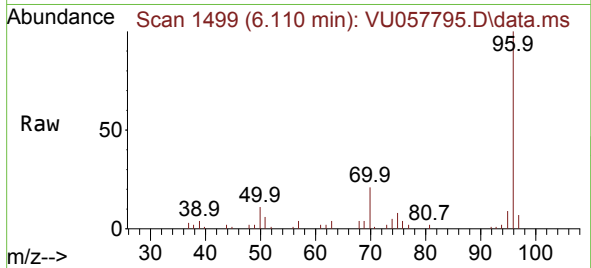




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

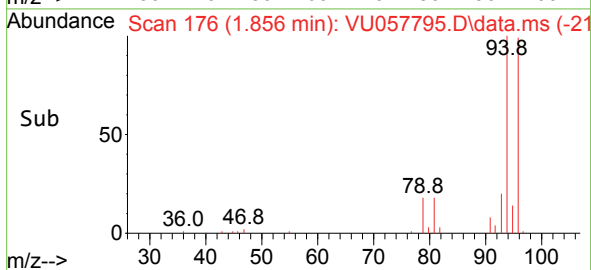
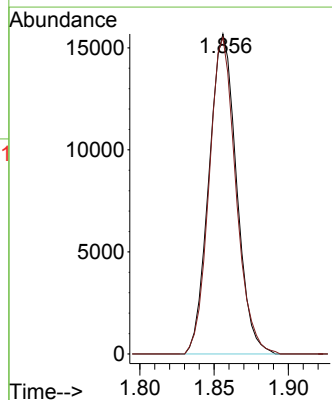
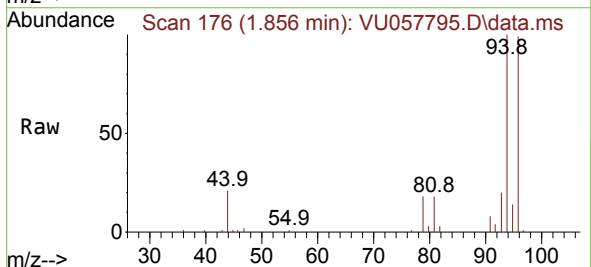
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

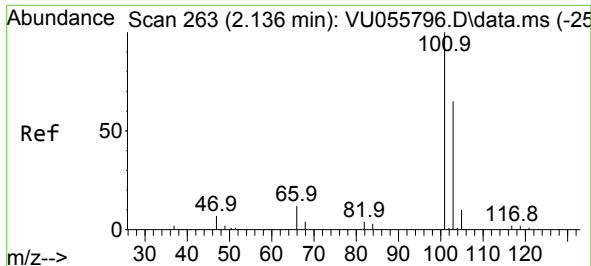
Tgt Ion: 96	Resp: 42616
Ion Ratio	Lower Upper
96 100	
70 20.9	16.5 24.7
95 8.6	7.4 11.0
97 6.0	0.0 0.0#



#5
Bromomethane
Concen: 2.450 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Tgt Ion: 94	Resp: 20183
Ion Ratio	Lower Upper
94 100	
96 100.1	75.4 113.2

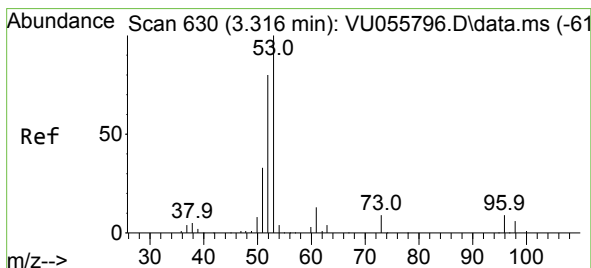
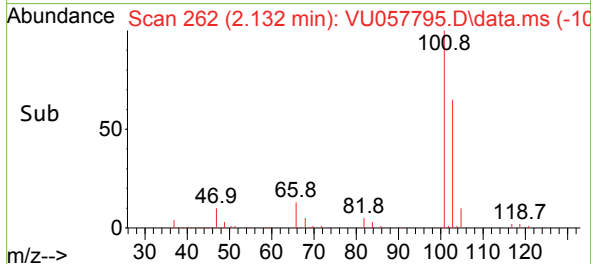
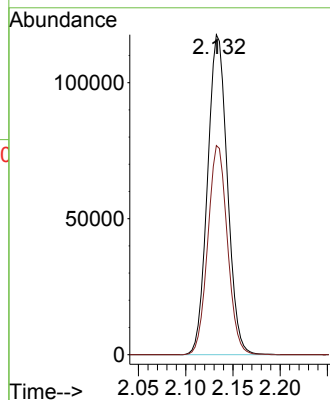
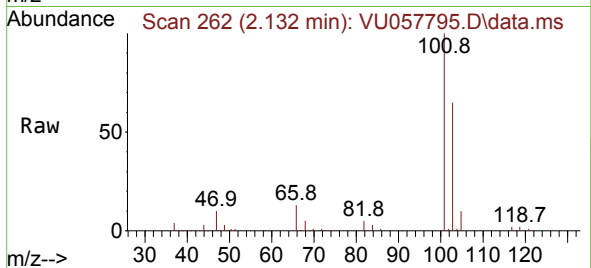




#7
Trichlorofluoromethane
Concen: 8.061 ug/l
RT: 2.132 min Scan# 20
Delta R.T. -0.004 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

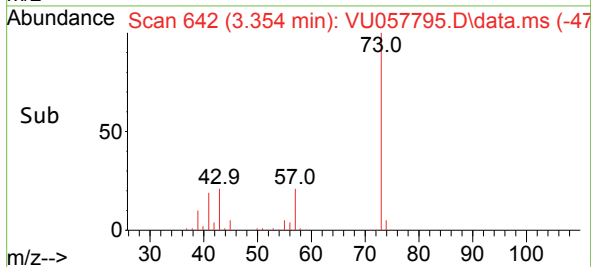
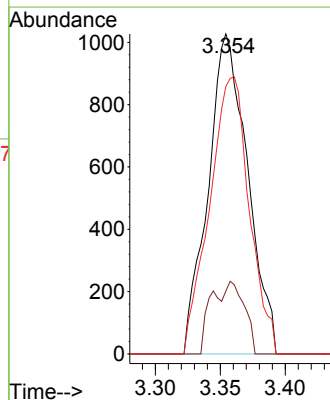
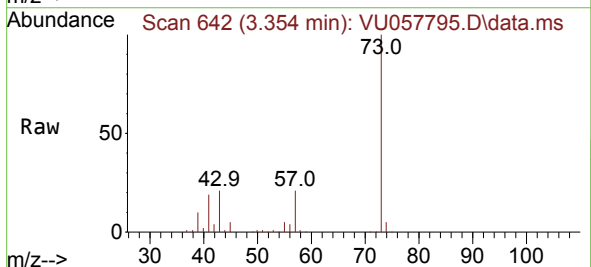
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

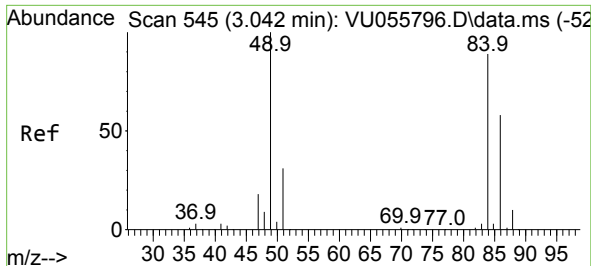
Tgt Ion:101 Resp: 171391
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0



#12
Acrylonitrile
Concen: 1.200 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.038 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

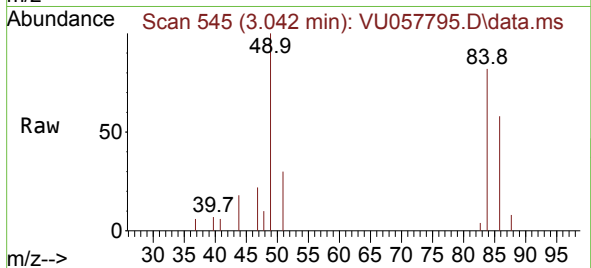
Tgt Ion: 53 Resp: 2169
Ion Ratio Lower Upper
53 100
52 11.1 62.9 94.3#
51 87.0 27.8 41.6#



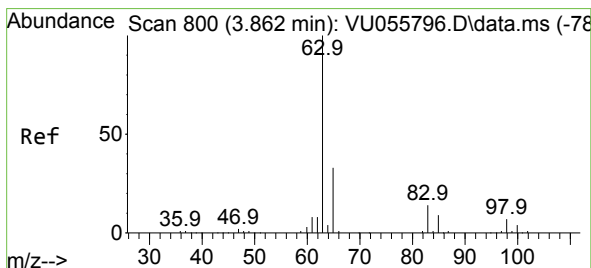
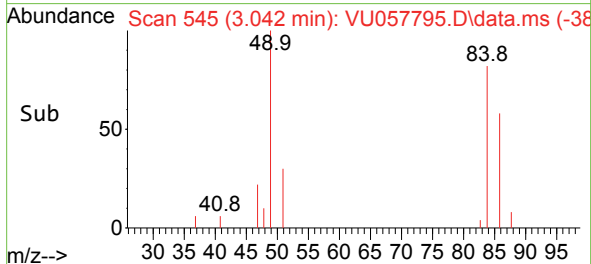
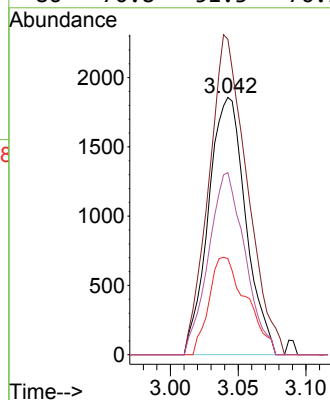


#15
Methylene Chloride
Concen: 0.280 ug/l
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

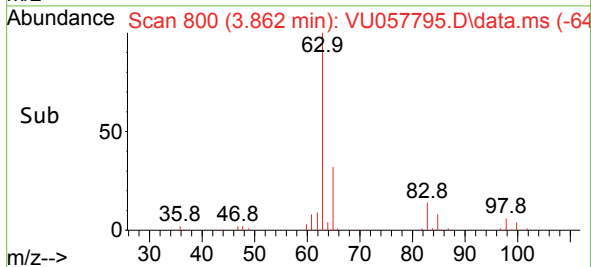
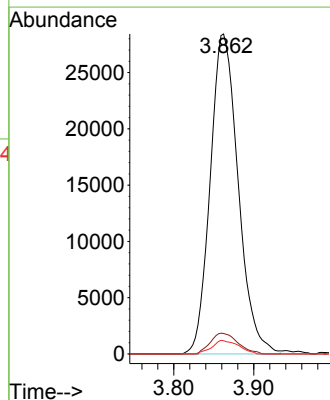
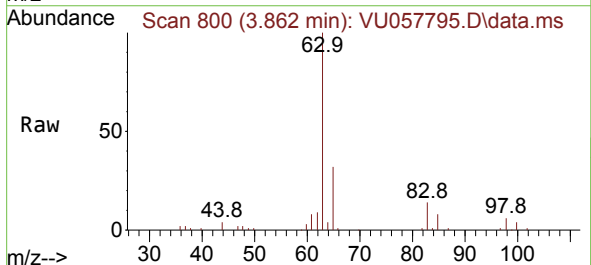


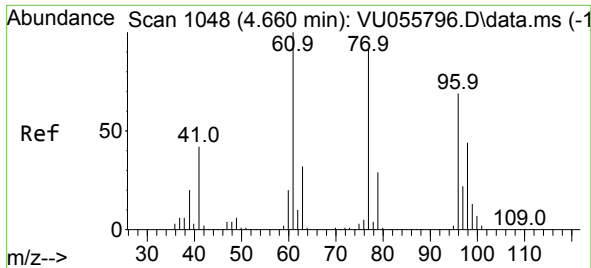
Tgt Ion:	84	Resp:	3545
Ion	Ratio	Lower	Upper
84	100		
49	122.6	98.9	148.3
51	37.3	0.0	75.4
86	70.8	51.3	76.9



#17
1,1-Dichloroethane
Concen: 3.165 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Tgt Ion:	63	Resp:	69092
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.4	10.1
100	4.2	2.2	6.6

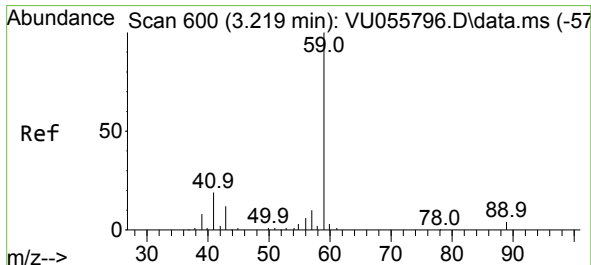
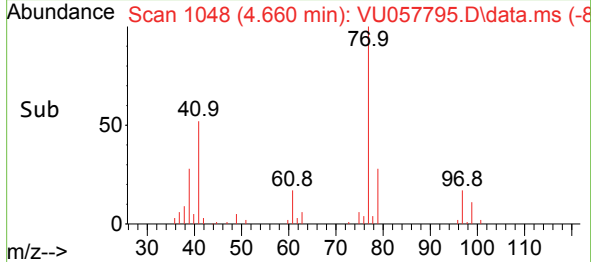
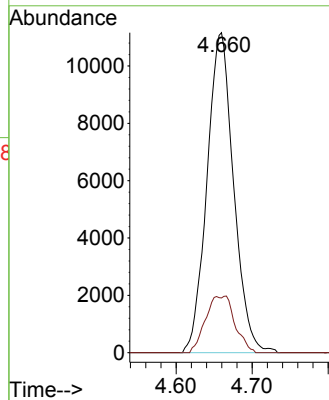
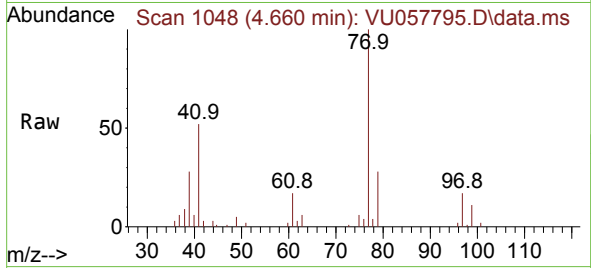




#21
2,2-Dichloropropane
Concen: 1.400 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

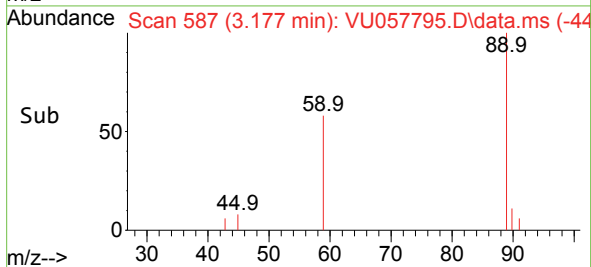
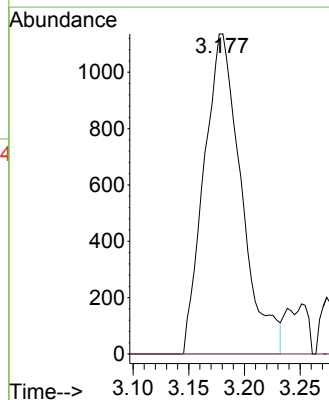
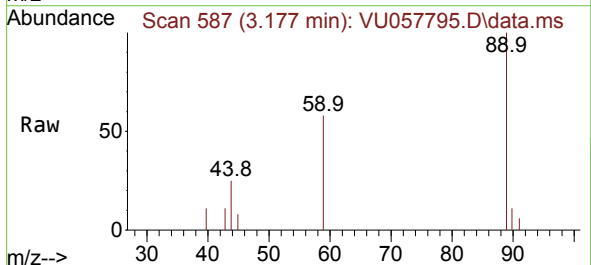
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

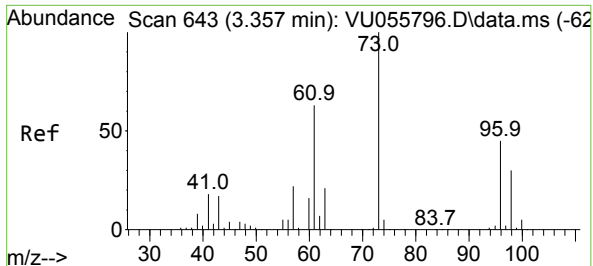
Tgt Ion: 77 Resp: 27136
Ion Ratio Lower Upper
77 100
97 11.0 18.4 27.6#



#24
tert-Butyl Alcohol
Concen: 3.052 ug/l
RT: 3.177 min Scan# 587
Delta R.T. -0.042 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Tgt Ion: 59 Resp: 2652
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#

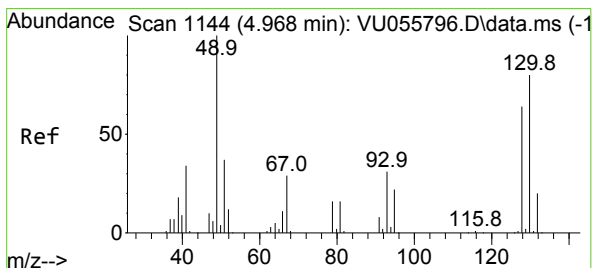
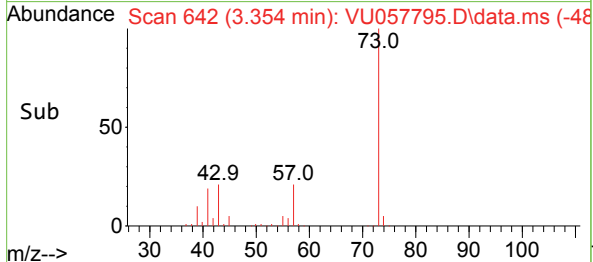
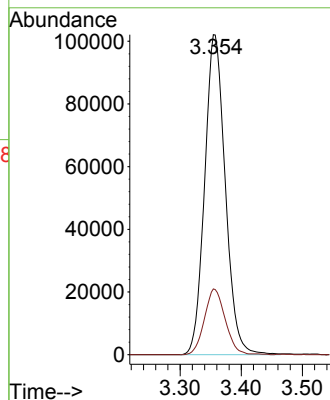
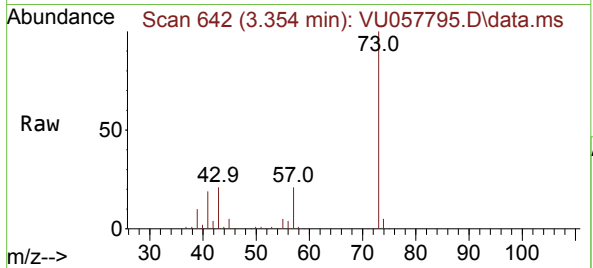




#25
Methyl tert-Butyl Ether
Concen: 9.637 ug/l
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

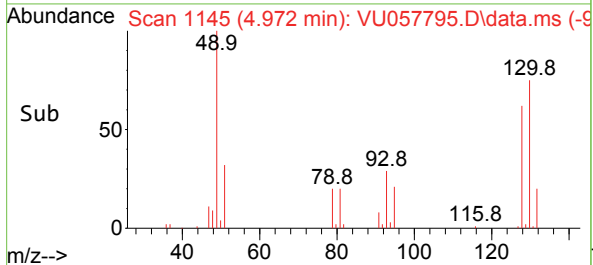
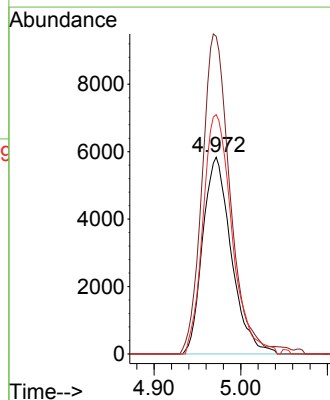
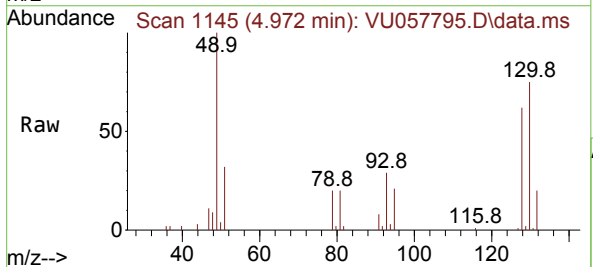
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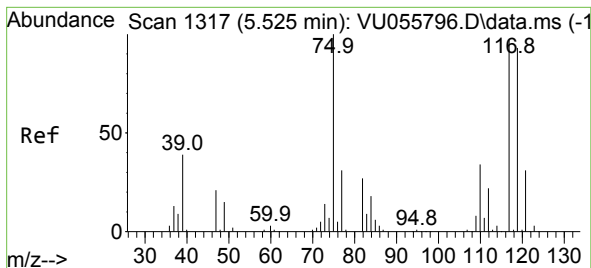
Tgt Ion: 73 Resp: 239499
Ion Ratio Lower Upper
73 100
43 20.7 15.0 22.6



#26
Bromochloromethane
Concen: 2.630 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.004 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Tgt Ion: 128 Resp: 13383
Ion Ratio Lower Upper
128 100
49 158.0 0.0 324.6
130 123.5 103.0 154.4





#29

1,1-Dichloropropene

Concen: 0.967 ug/l

RT: 5.525 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

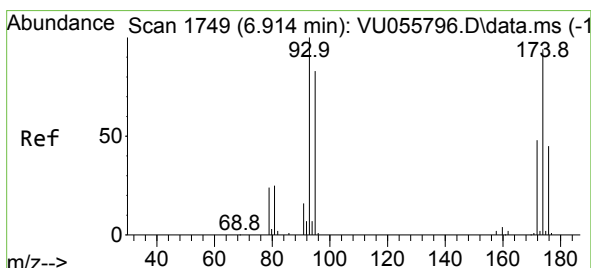
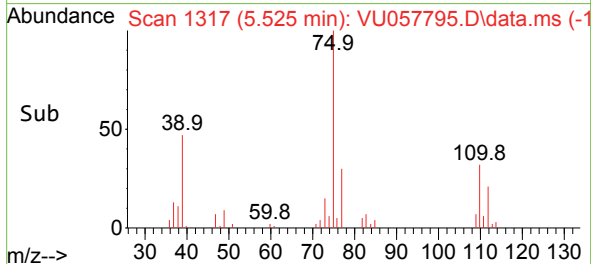
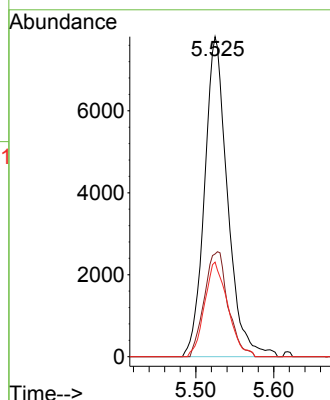
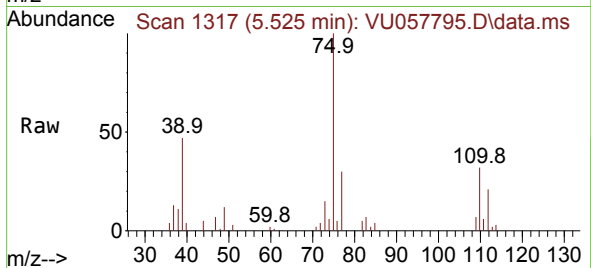
Tgt Ion: 75 Resp: 16033

Ion Ratio Lower Upper

75 100

110 33.9 18.0 54.0

77 29.8 24.7 37.1



#43

Dibromomethane

Concen: 2.393 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

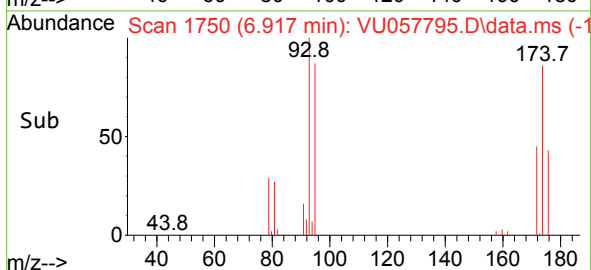
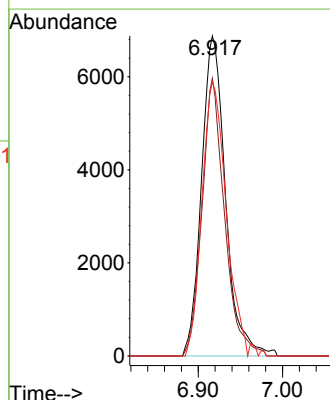
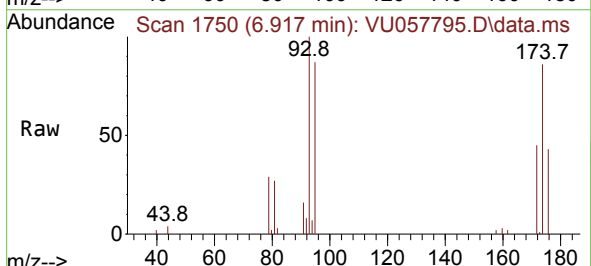
Tgt Ion: 93 Resp: 13619

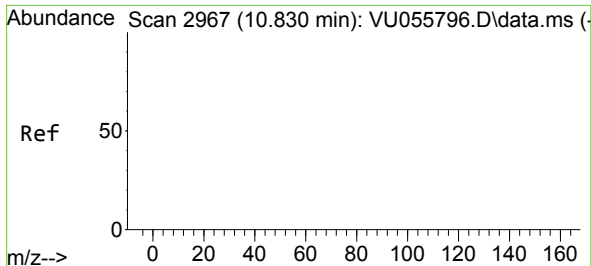
Ion Ratio Lower Upper

93 100

95 81.6 67.0 100.6

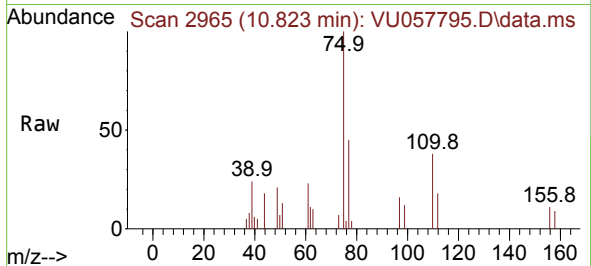
174 86.1 73.8 110.6



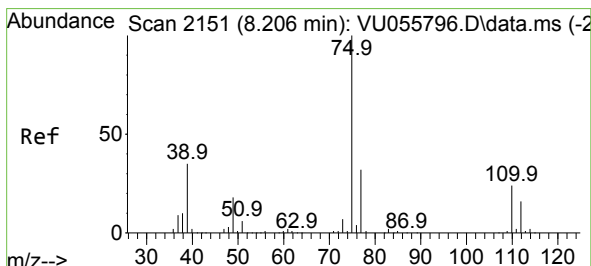
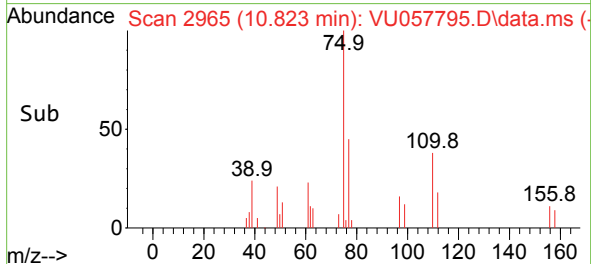
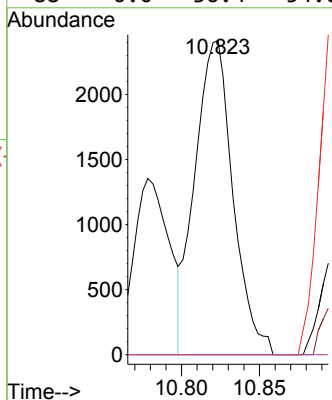


#46
t-1,4-Dichloro-2-butene
Concen: 3.135 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. -0.007 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

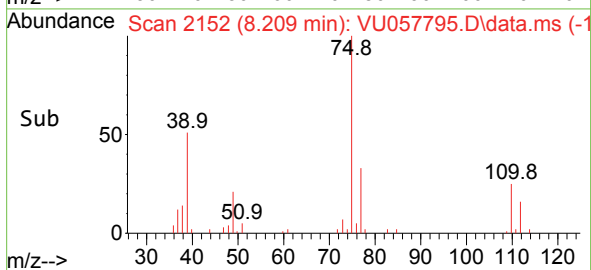
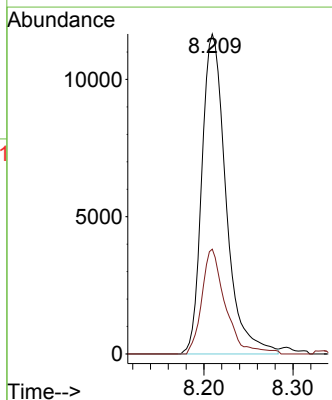
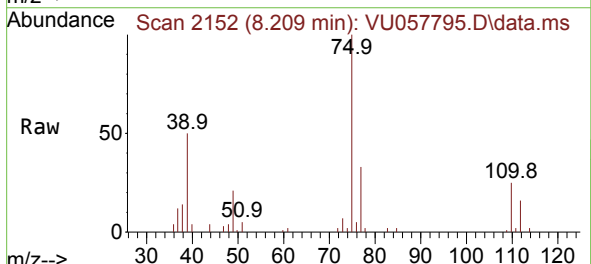


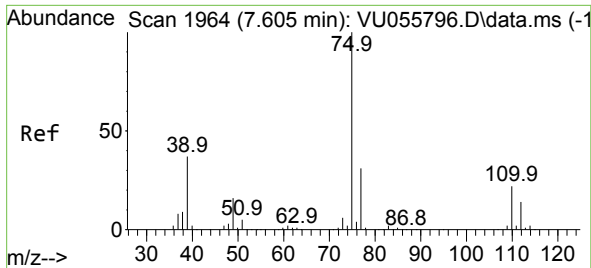
Tgt Ion: 75 Resp: 4089
Ion Ratio Lower Upper
75 100
53 0.0 73.3 109.9#
89 0.0 48.2 72.4#
88 0.0 36.4 54.6#



#50
t-1,3-Dichloropropene
Concen: 1.595 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Tgt Ion: 75 Resp: 21940
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9

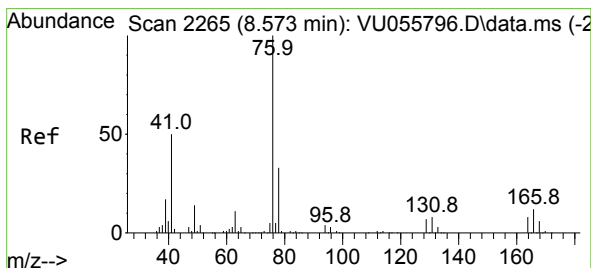
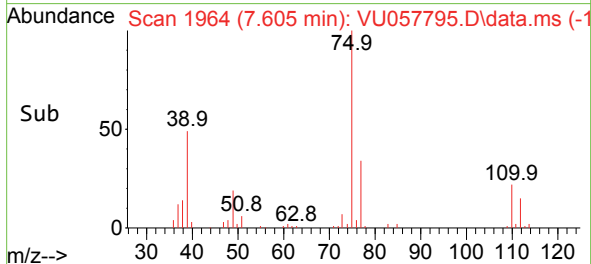
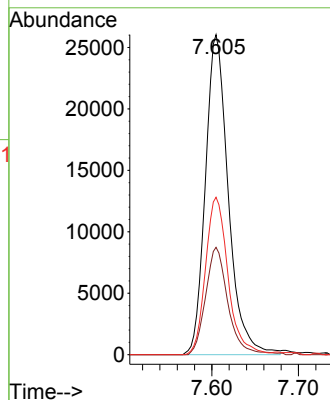
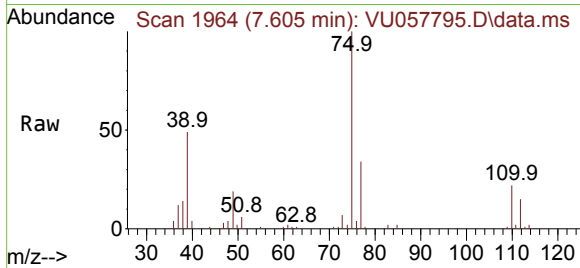




#51
 cis-1,3-Dichloropropene
 Concen: 2.749 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU057795.D
 Acq: 02 Feb 2024 15:13

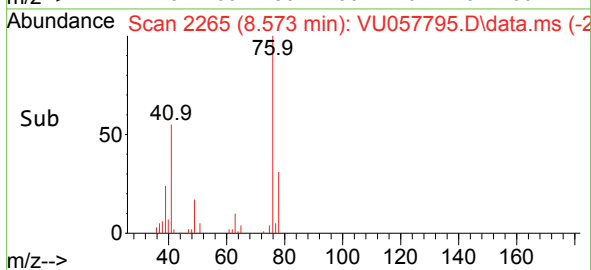
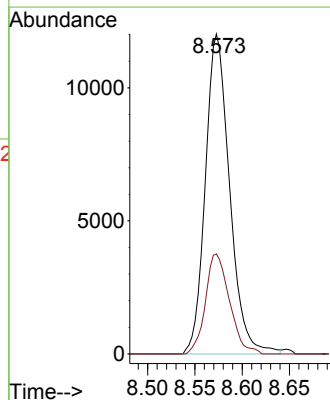
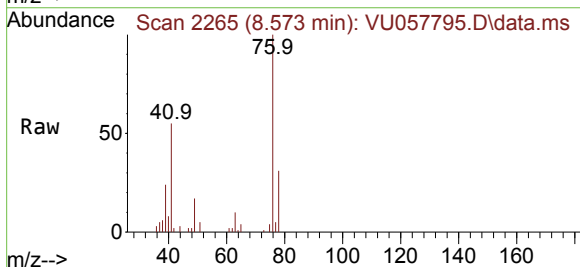
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL

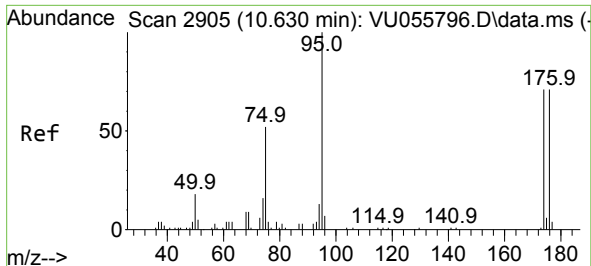
Tgt Ion: 75 Resp: 47912
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.7 38.5
 39 49.2 32.8 49.2#



#53
 1,3-Dichloropropane
 Concen: 1.526 ug/l
 RT: 8.573 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: VU057795.D
 Acq: 02 Feb 2024 15:13

Tgt Ion: 76 Resp: 21507
 Ion Ratio Lower Upper
 76 100
 78 30.9 25.9 38.9

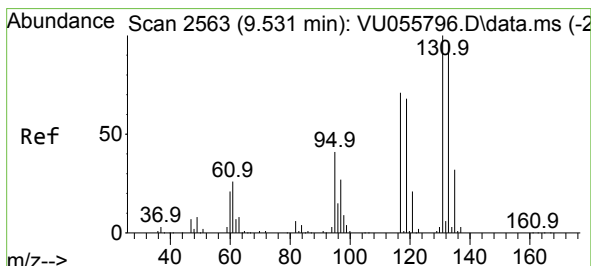
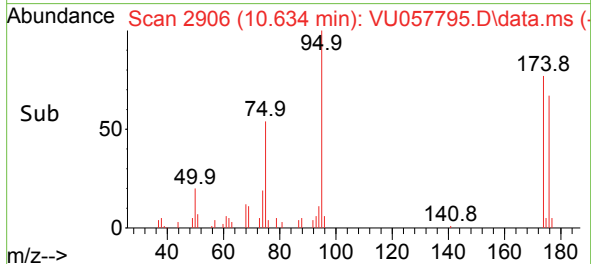
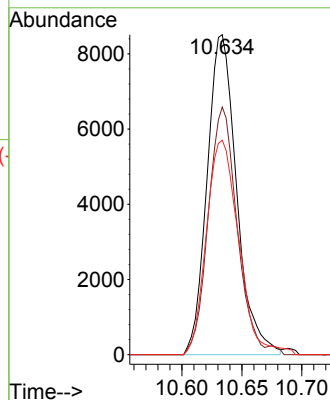
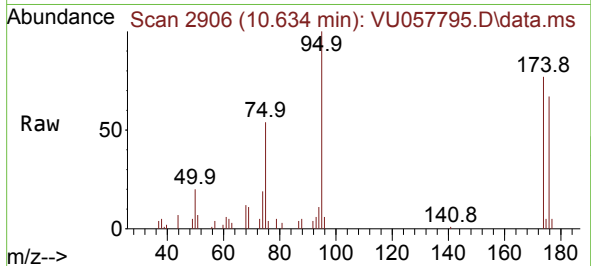




#57
4-Bromofluorobenzene
Concen: 0.902 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.004 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

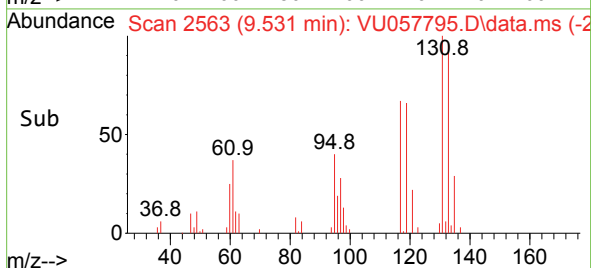
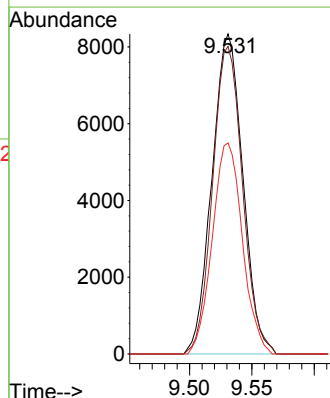
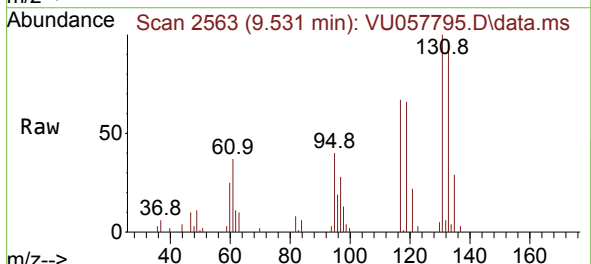
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

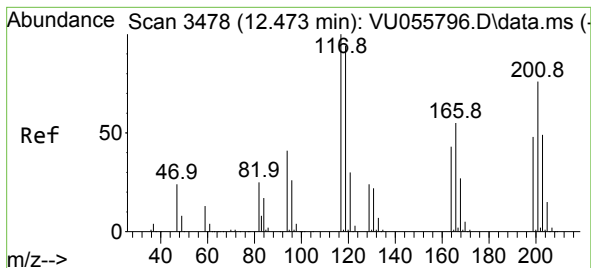
Tgt Ion: 95 Resp: 14560
Ion Ratio Lower Upper
95 100
174 75.8 63.3 94.9
176 73.3 59.3 88.9



#60
1,1,1,2-Tetrachloroethane
Concen: 1.312 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Tgt Ion: 131 Resp: 14355
Ion Ratio Lower Upper
131 100
133 93.3 77.8 116.6
119 64.3 55.2 82.8





#62

Hexachloroethane

Concen: 0.525 ug/l

RT: 12.470 min Scan# 3478

Delta R.T. -0.003 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

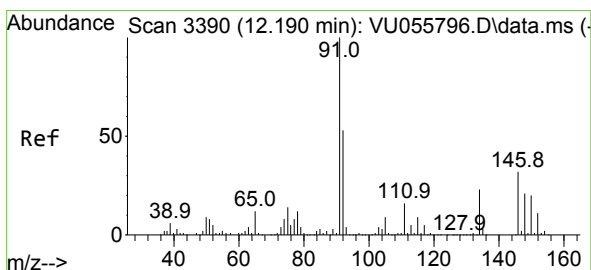
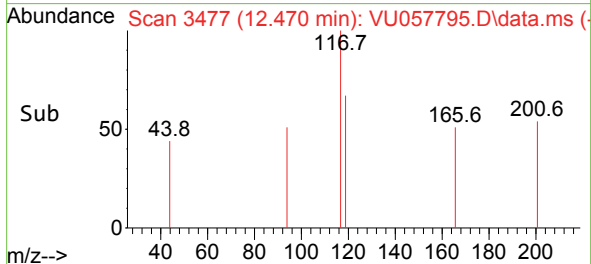
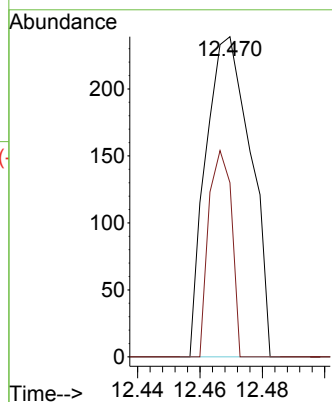
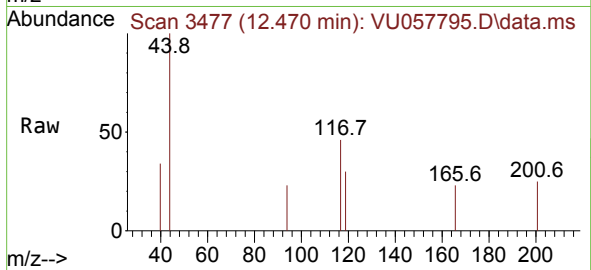
PT-UNRVOA-WSDL

Tgt Ion:117 Resp: 238

Ion Ratio Lower Upper

117 100

201 33.2 59.6 89.4#



#68

1,2-Dichlorobenzene-d4

Concen: 0.936 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. -0.000 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

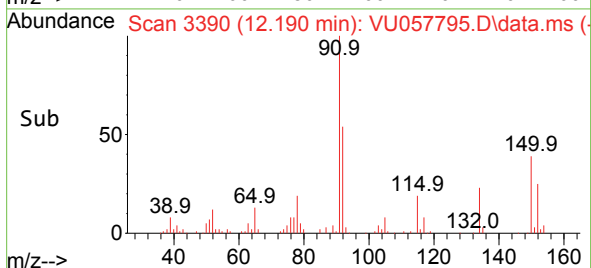
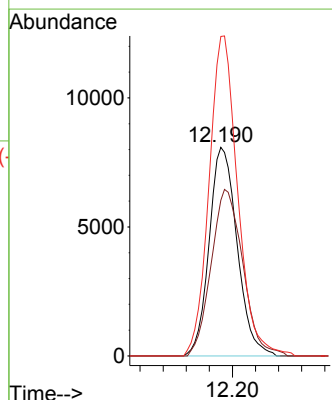
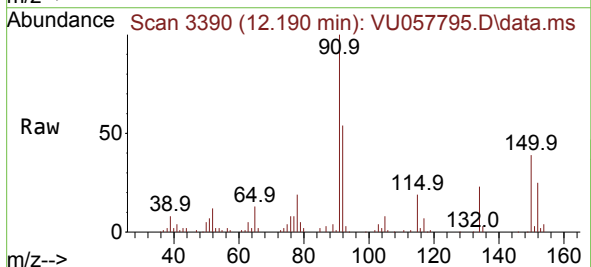
Tgt Ion:152 Resp: 13598

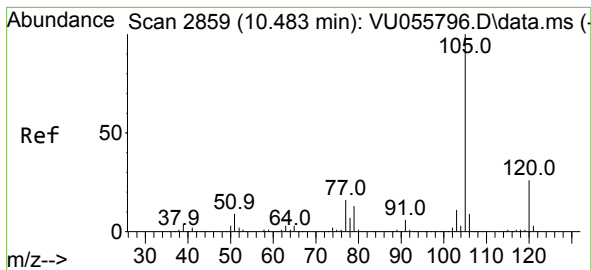
Ion Ratio Lower Upper

152 100

115 90.3 0.0 308.8

150 157.0 0.0 635.0





#69

Isopropylbenzene

Concen: 1.097 ug/l

RT: 10.479 min Scan# 21

Delta R.T. -0.004 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

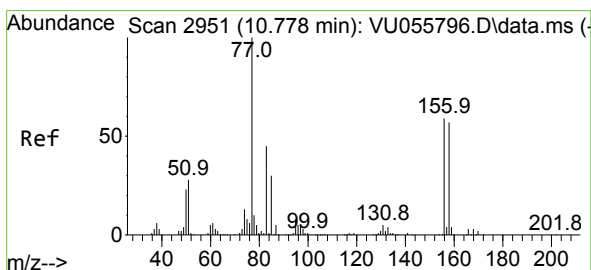
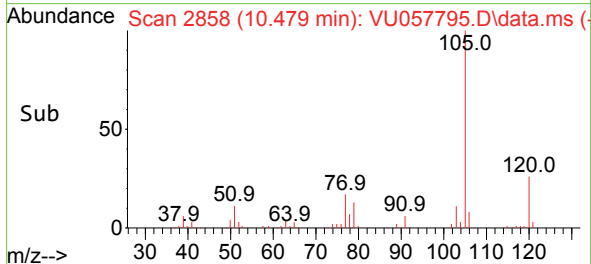
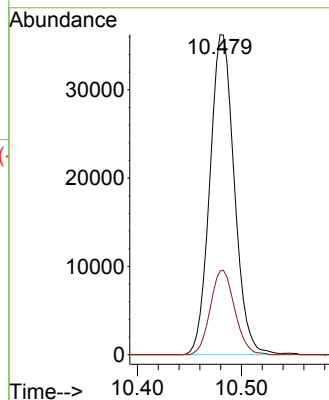
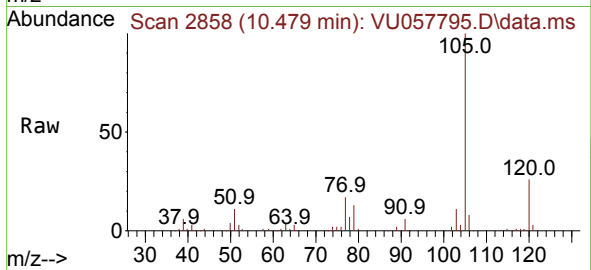
PT-UNRVOA-WSDL

Tgt Ion:105 Resp: 59285

Ion Ratio Lower Upper

105 100

120 26.3 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.557 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

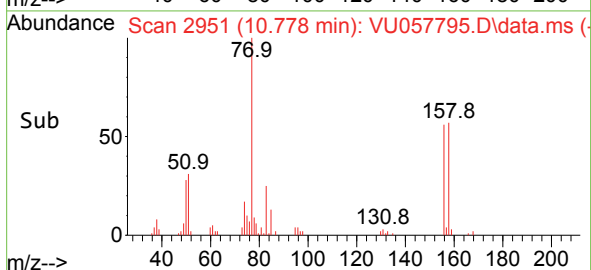
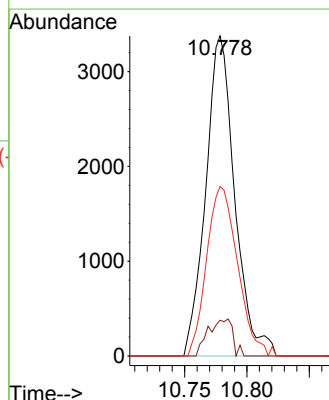
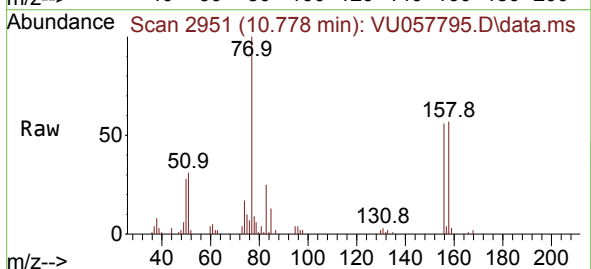
Tgt Ion: 83 Resp: 5472

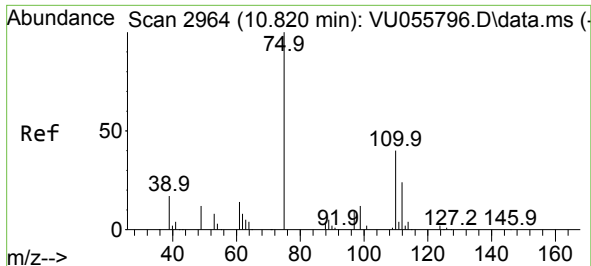
Ion Ratio Lower Upper

83 100

131 9.7 7.2 10.8

85 56.5 50.5 75.7

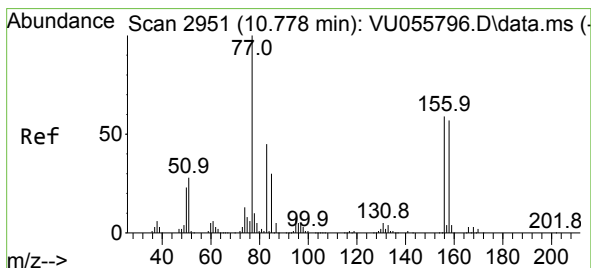
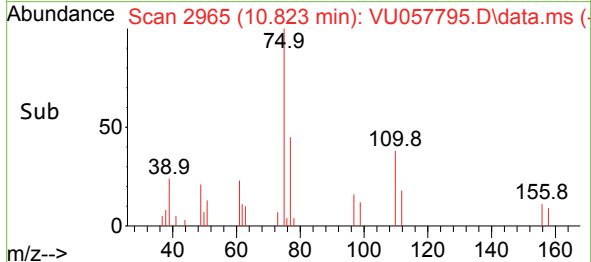
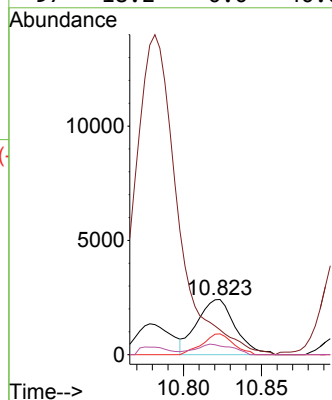
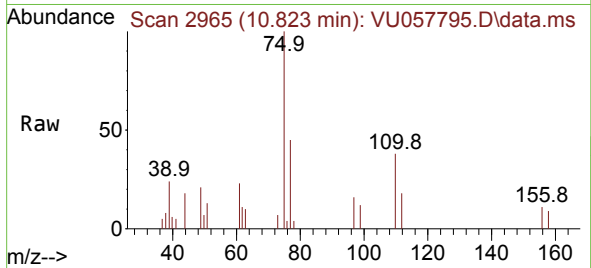




#71
1,2,3-Trichloropropane
Concen: 0.504 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. 0.003 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

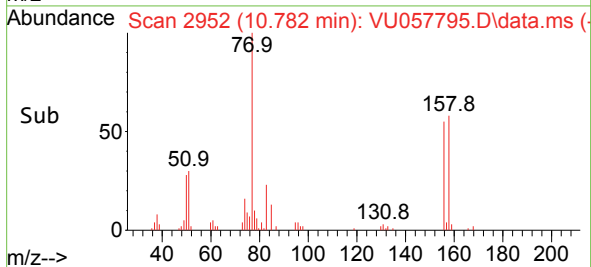
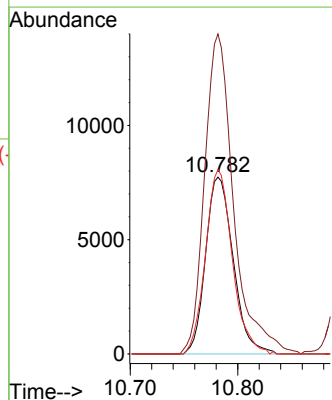
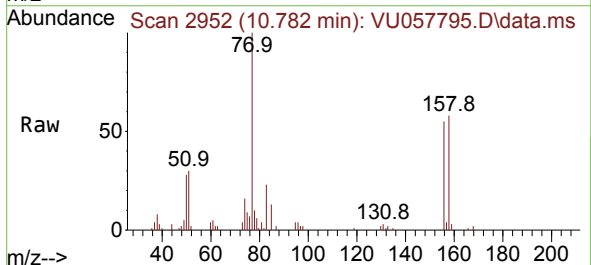
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

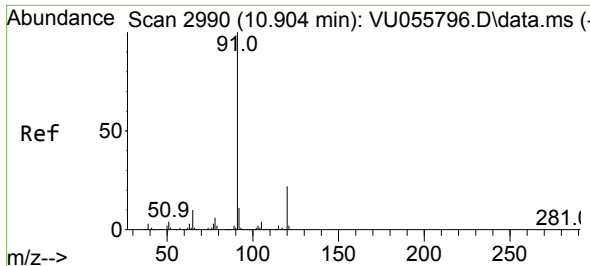
Tgt Ion:	75	Resp:	4089
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	30.6	0.0	74.6
97	18.2	0.0	40.0



#72
Bromobenzene
Concen: 1.162 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Tgt Ion:	156	Resp:	13813
Ion Ratio	Lower	Upper	
156	100		
77	190.0	0.0	343.0
158	101.3	0.0	194.8

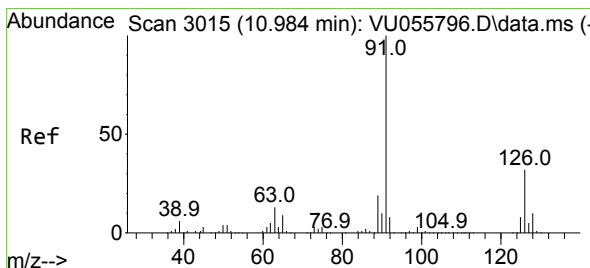
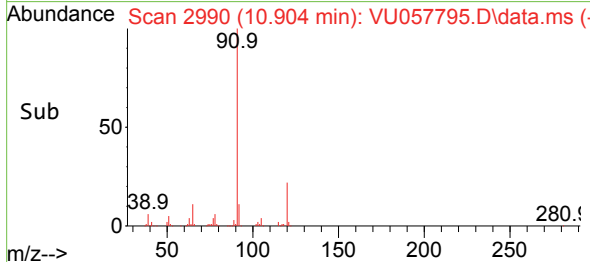
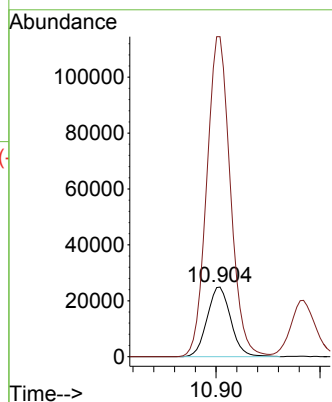
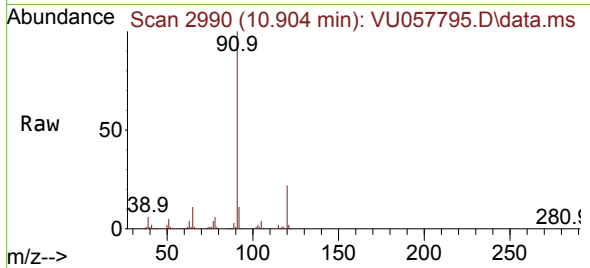




#73
n-propylbenzene
Concen: 2.886 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

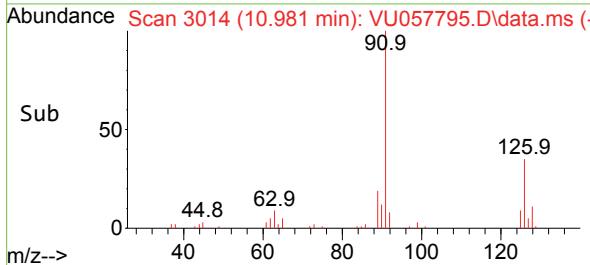
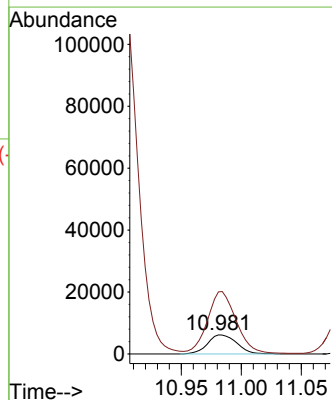
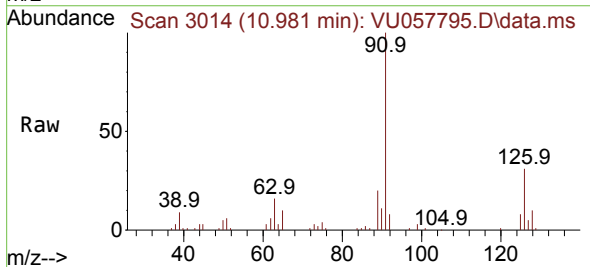
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

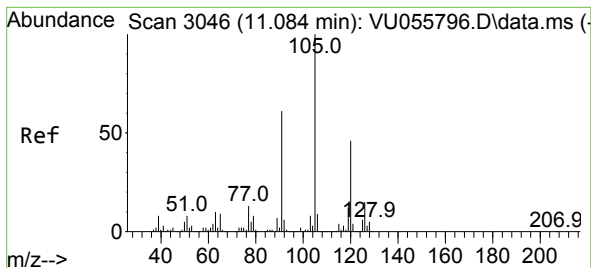
Tgt Ion:120 Resp: 39196
Ion Ratio Lower Upper
120 100
91 460.8 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.825 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Tgt Ion:126 Resp: 10393
Ion Ratio Lower Upper
126 100
91 327.5 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 3.229 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

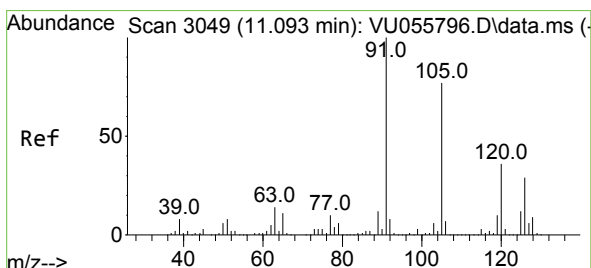
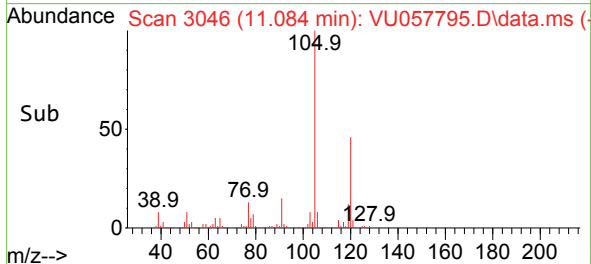
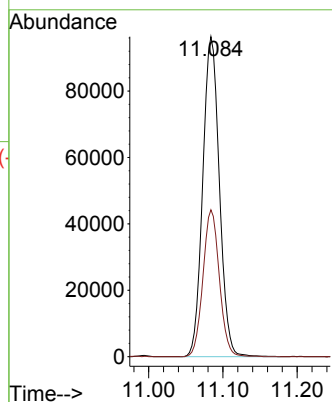
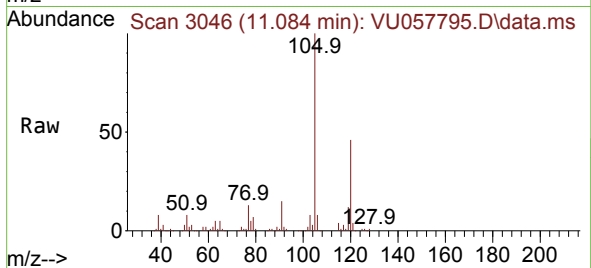
PT-UNRVOA-WSDL

Tgt Ion:105 Resp: 149875

Ion Ratio Lower Upper

105 100

120 45.2 37.8 56.8



#76

4-Chlorotoluene

Concen: 0.432 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.004 min

Lab File: VU057795.D

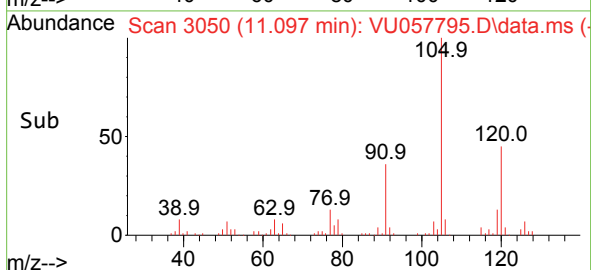
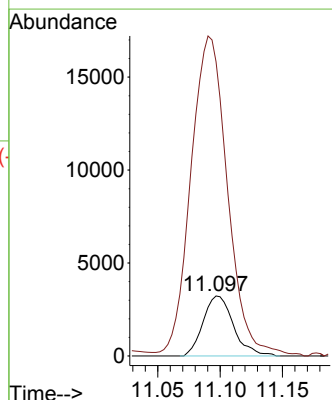
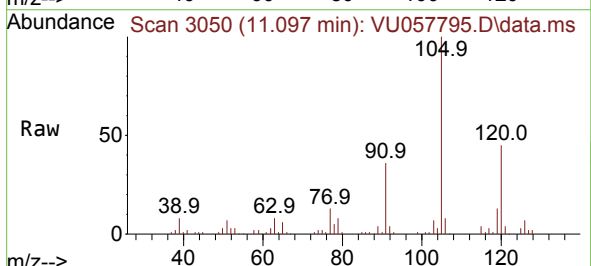
Acq: 02 Feb 2024 15:13

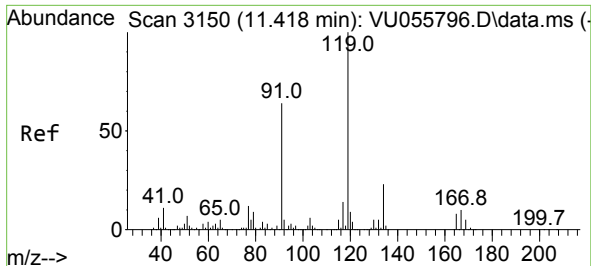
Tgt Ion:126 Resp: 5469

Ion Ratio Lower Upper

126 100

91 644.2 0.0 686.2

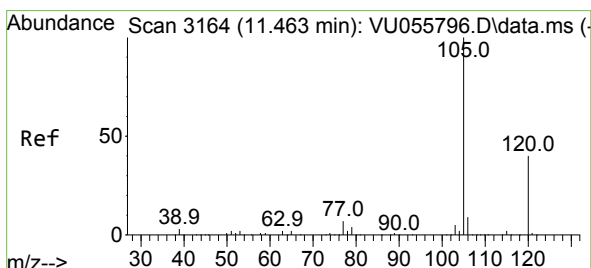
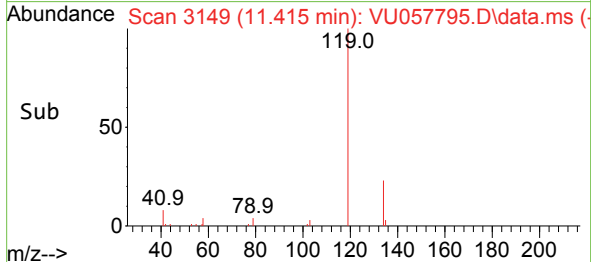
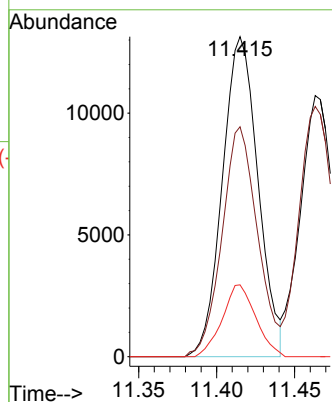
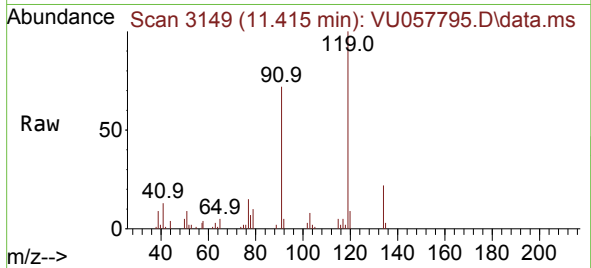




#77
tert-Butylbenzene
Concen: 0.480 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

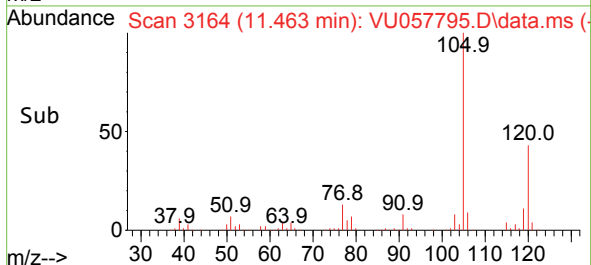
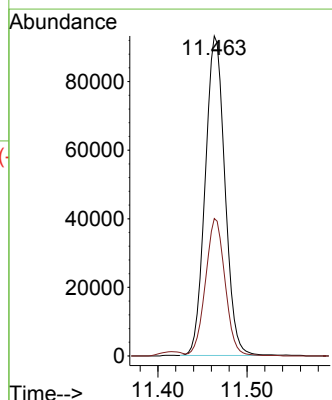
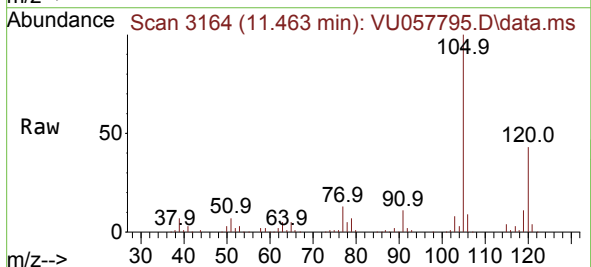
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WSDL

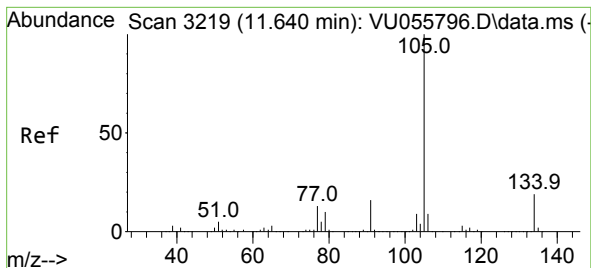
Tgt Ion:119 Resp: 20897
Ion Ratio Lower Upper
119 100
91 71.7 30.8 92.4
134 21.2 18.0 27.0



#78
1,2,4-Trimethylbenzene
Concen: 3.033 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057795.D
Acq: 02 Feb 2024 15:13

Tgt Ion:105 Resp: 142785
Ion Ratio Lower Upper
105 100
120 43.0 21.9 65.8





#79

sec-Butylbenzene

Concen: 1.285 ug/l

RT: 11.640 min Scan# 3219

Delta R.T. 0.000 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

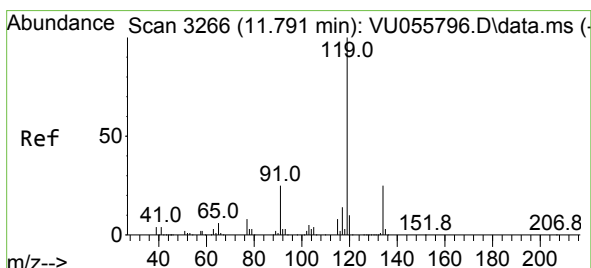
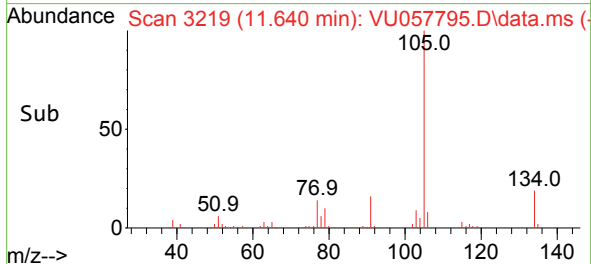
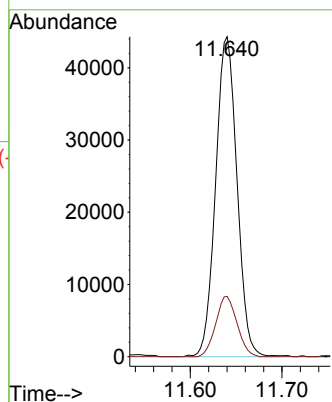
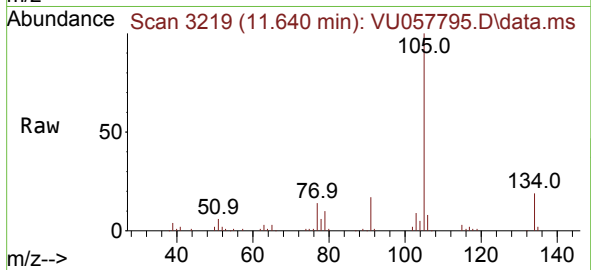
PT-UNRVOA-WSDL

Tgt Ion:105 Resp: 71567

Ion Ratio Lower Upper

105 100

134 18.8 14.9 22.3



#81

p-Isopropyltoluene

Concen: 3.595 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

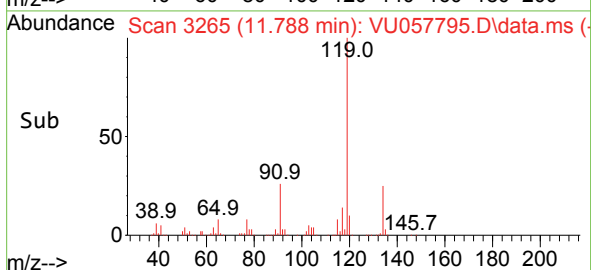
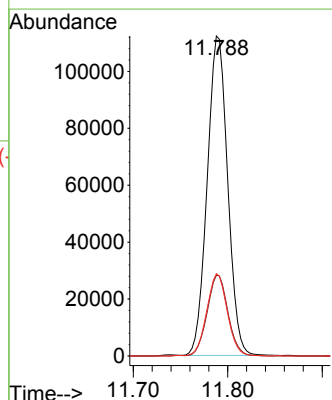
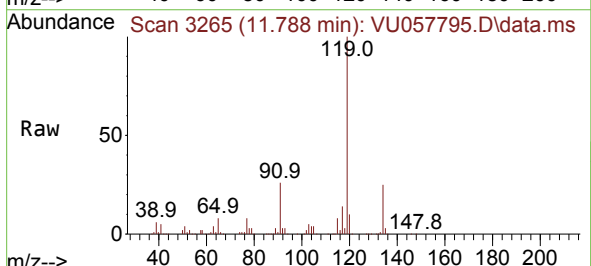
Tgt Ion:119 Resp: 168737

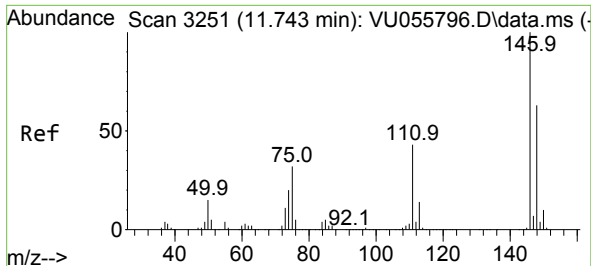
Ion Ratio Lower Upper

119 100

134 25.7 20.2 30.4

91 25.8 19.3 28.9





#82

1,3-Dichlorobenzene

Concen: 1.450 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

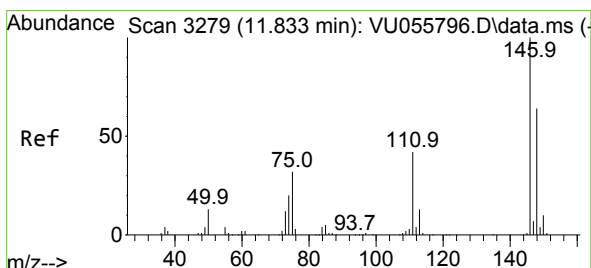
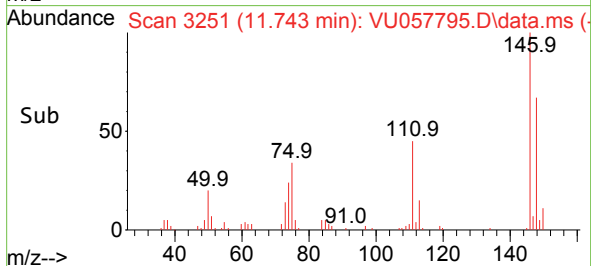
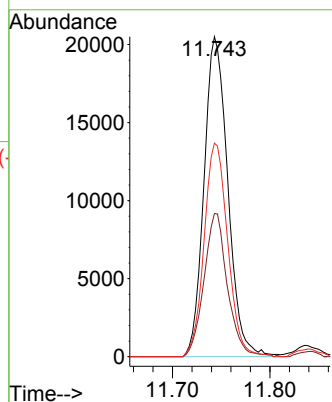
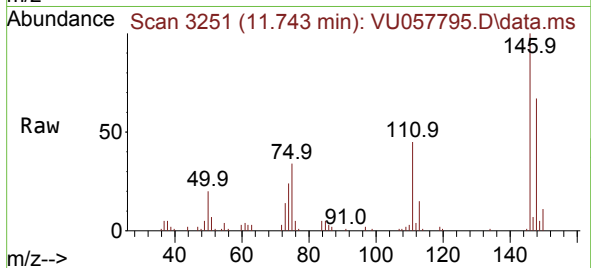
Tgt Ion:146 Resp: 34872

Ion Ratio Lower Upper

146 100

111 44.0 32.6 49.0

148 66.1 51.0 76.4



#83

1,4-Dichlorobenzene

Concen: 1.486 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. -0.090 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

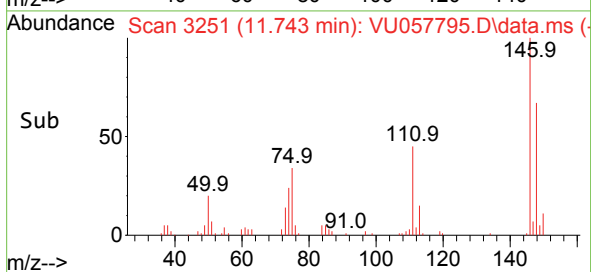
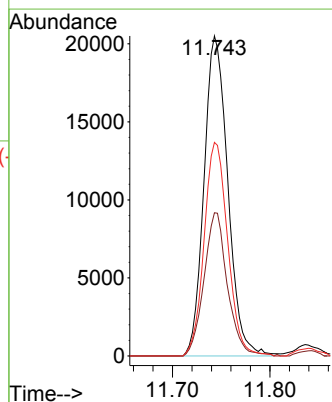
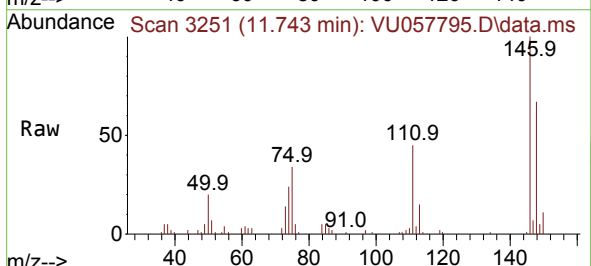
Tgt Ion:146 Resp: 34872

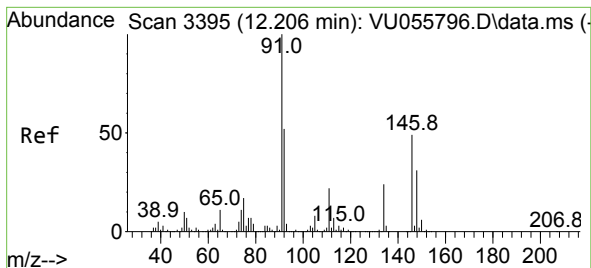
Ion Ratio Lower Upper

146 100

111 44.0 31.6 47.4

148 66.1 50.3 75.5





#84

n-Butylbenzene

Concen: 3.458 ug/l

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

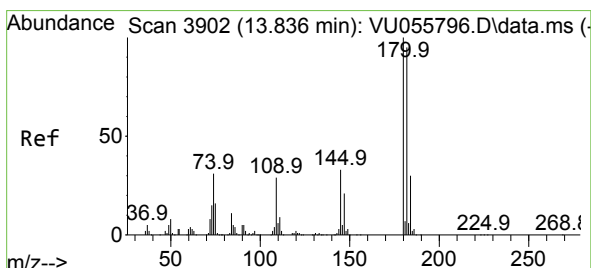
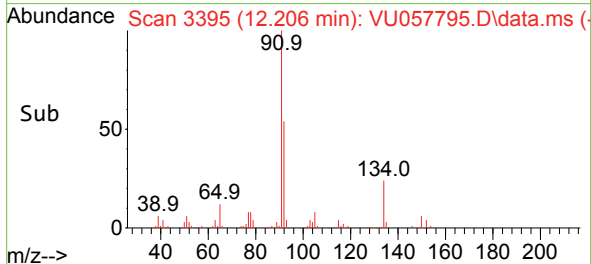
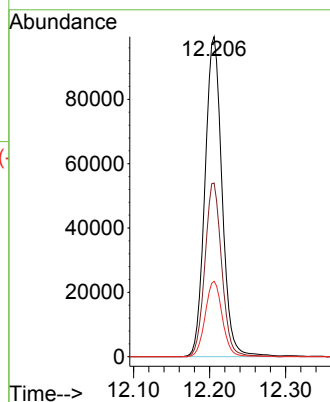
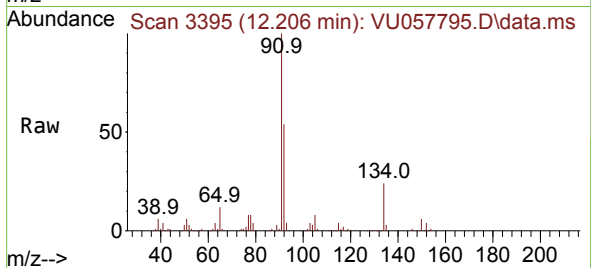
Tgt Ion: 91 Resp: 155218

Ion Ratio Lower Upper

91 100

92 53.4 40.8 61.2

134 23.5 18.4 27.6



#87

1,2,4-Trichlorobenzene

Concen: 0.204 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.007 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

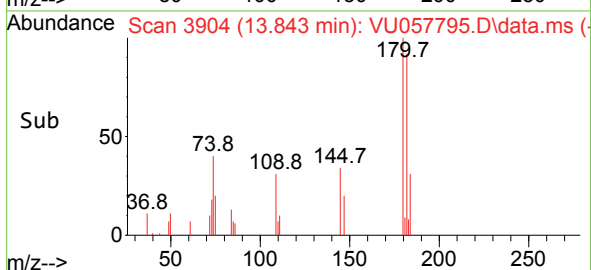
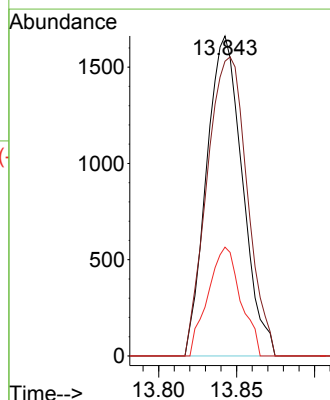
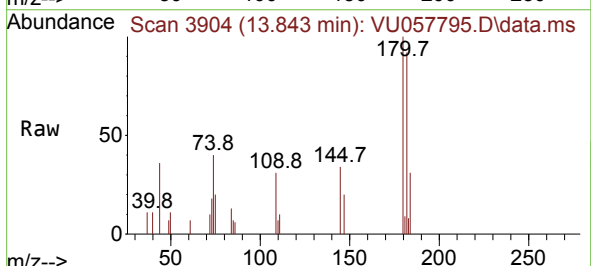
Tgt Ion:180 Resp: 2659

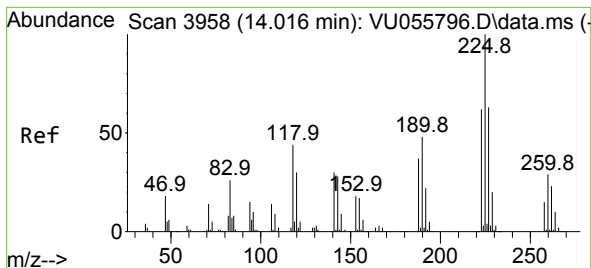
Ion Ratio Lower Upper

180 100

182 104.3 75.8 113.6

145 31.1 23.9 35.9





#88

Hexachlorobutadiene

Concen: 4.231 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WSDL

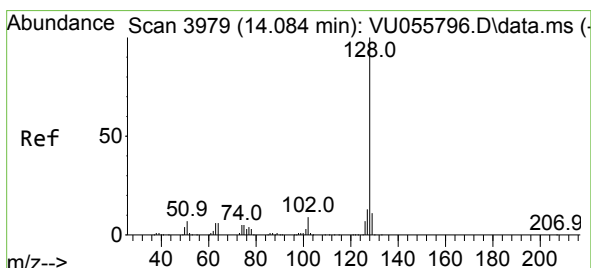
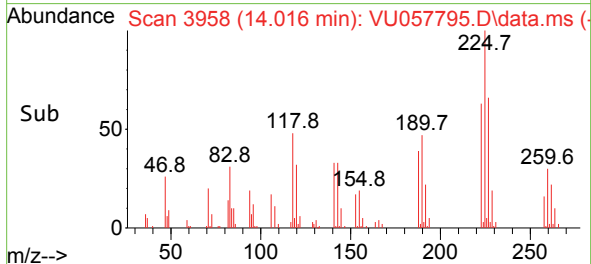
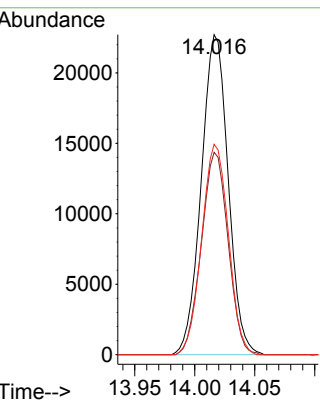
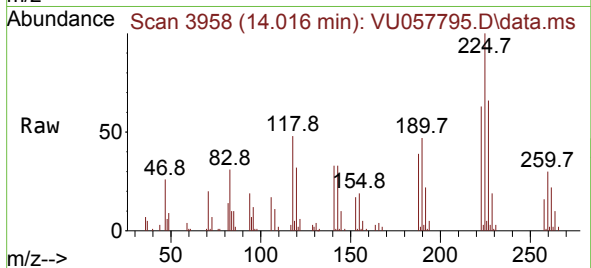
Tgt Ion:225 Resp: 35381

Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.4

227 65.2 51.5 77.3



#89

Naphthalene

Concen: 4.143 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU057795.D

Acq: 02 Feb 2024 15:13

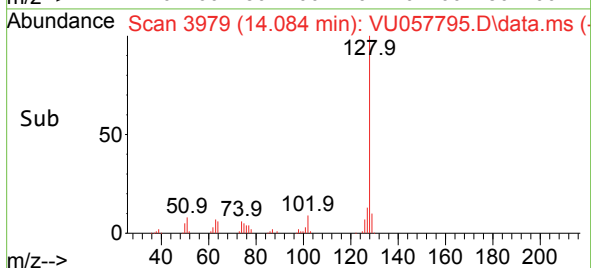
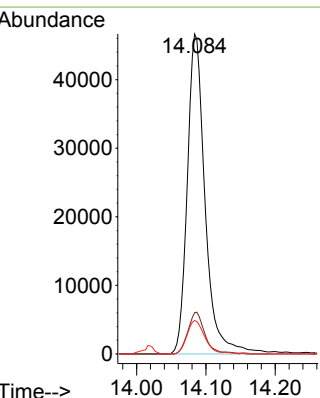
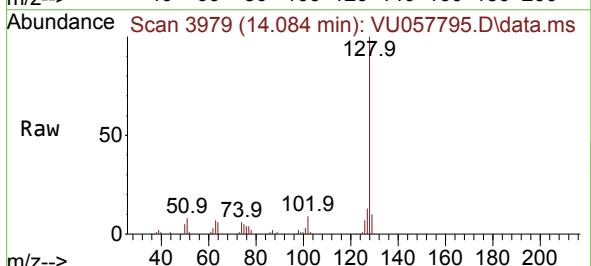
Tgt Ion:128 Resp: 83364

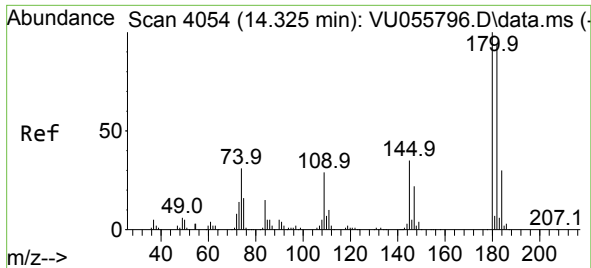
Ion Ratio Lower Upper

128 100

127 12.5 10.9 16.3

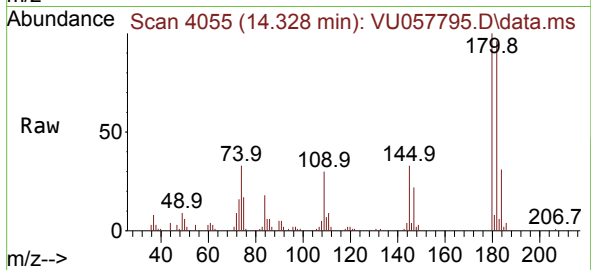
129 10.5 8.6 12.8





#90
 1,2,3-Trichlorobenzene
 Concen: 2.707 ug/l
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.003 min
 Lab File: VU057795.D
 Acq: 02 Feb 2024 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WSDL



Tgt Ion:	180	Resp:	29349
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.7	113.5
145	33.7	26.1	39.1

