

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045561.D
 Acq On : 05 Nov 2021 16:12
 Operator : SY/MD
 Sample : M4475-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP02

Quant Time: Nov 05 17:05:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

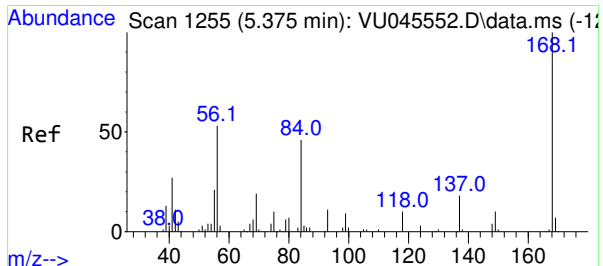
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.379	168	136128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	260361	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	262699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	129609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	114399	56.11	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.22%			
35) Dibromofluoromethane	5.292	113	88061	50.66	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.32%			
50) Toluene-d8	7.899	98	346020	53.53	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.06%			
62) 4-Bromofluorobenzene	10.636	95	130817	50.47	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.94%			
Target Compounds						
						Qvalue
6) Chloroethane	2.089	64	648	0.50	ug/l #	43
11) Tert butyl alcohol	3.173	59	176	0.44	ug/l #	72
16) Acetone	2.626	43	6868	6.62	ug/l	97
25) 2-Butanone	4.710	43	1450	1.01	ug/l	95
31) Cyclohexane	5.375	56	3194	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	12132	4.78	ug/l #	49
37) Ethyl Acetate	4.710	43	1450	0.50	ug/l #	67
38) Carbon Tetrachloride	5.375	117	15027	5.87	ug/l #	15
59) 2-Hexanone	8.690	43	275	7.64	ug/l #	41
76) 1,2,3-Trichloropropane	10.636	75	68276	17.37	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	68276	56.49	ug/l #	12
95) Naphthalene	14.092	128	1402	1.16	ug/l #	81

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

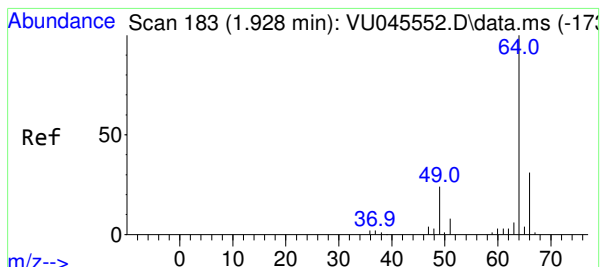
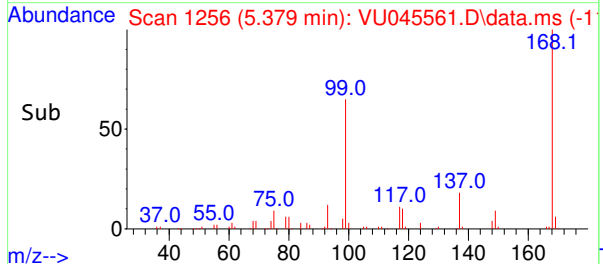
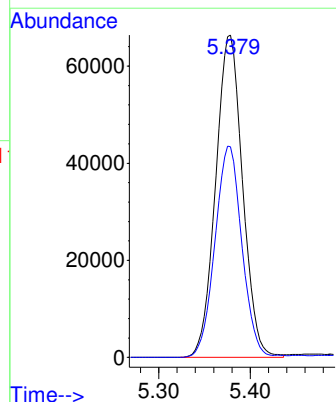
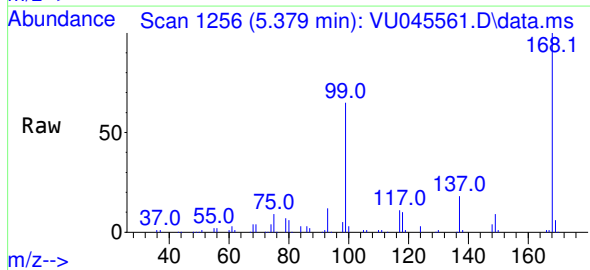




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1
Delta R.T. 0.004 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

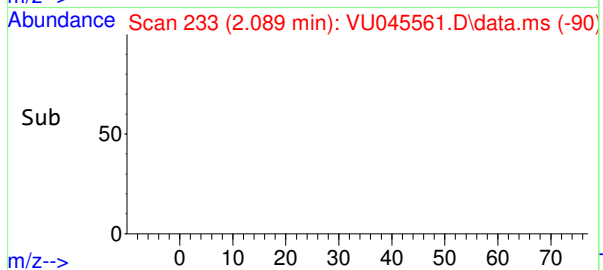
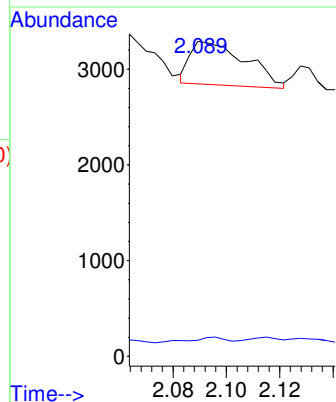
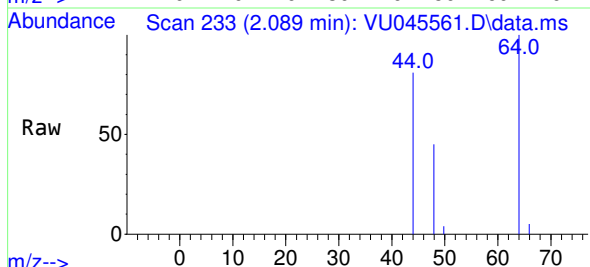
Instrument :
MSVOA_U
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DUP02

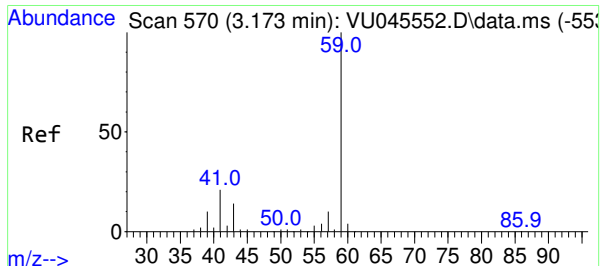
Tgt Ion:168 Resp: 136128
Ion Ratio Lower Upper
168 100
99 65.3 51.0 76.6



#6
Chloroethane
Concen: 0.50 ug/l
RT: 2.089 min Scan# 233
Delta R.T. 0.161 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Tgt Ion: 64 Resp: 648
Ion Ratio Lower Upper
64 100
66 0.9 26.7 40.1#

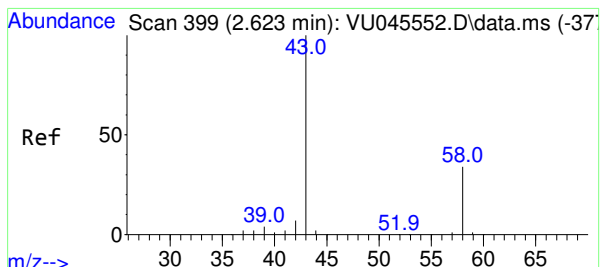
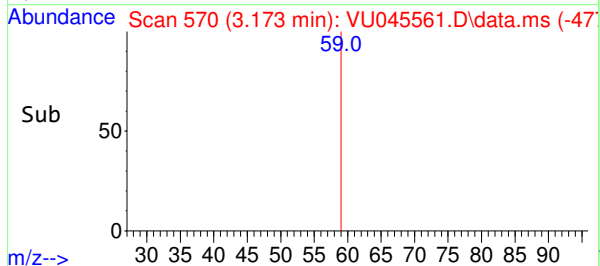
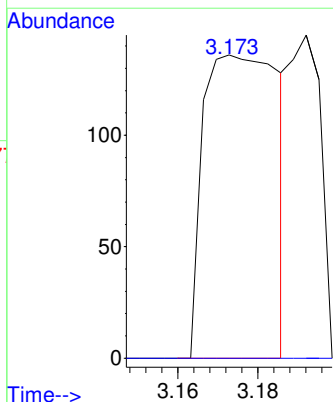
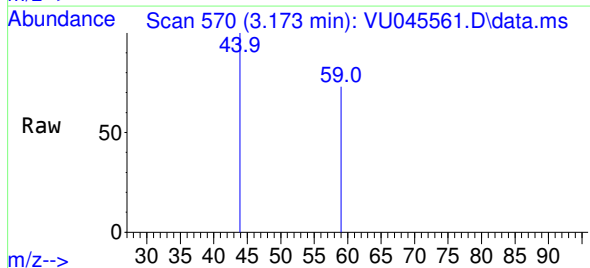




#11
Tert butyl alcohol
Concen: 0.44 ug/l
RT: 3.173 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

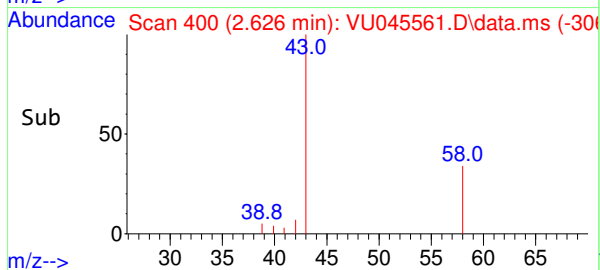
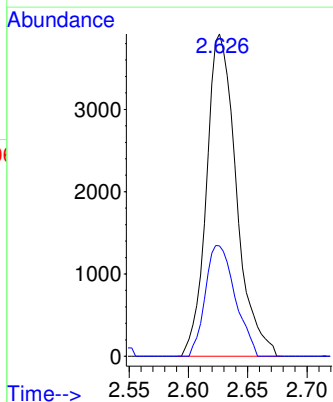
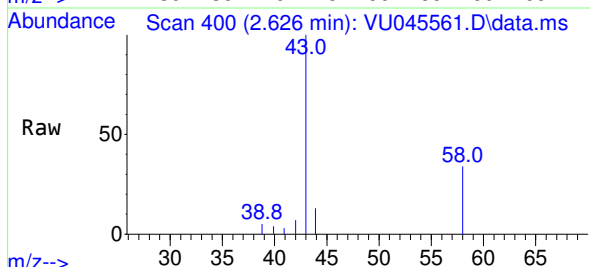
Instrument :
MSVOA_U
ClientSampleId :
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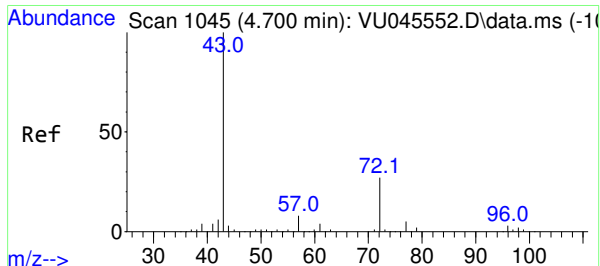
Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 6.62 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Tgt Ion: 43 Resp: 6868
Ion Ratio Lower Upper
43 100
58 34.2 26.2 39.2

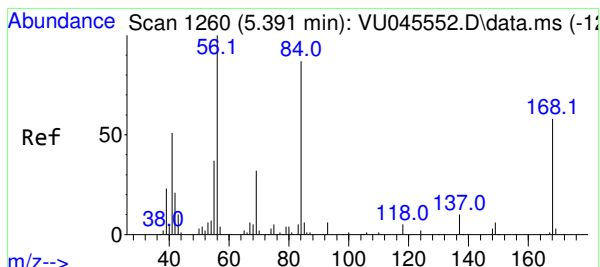
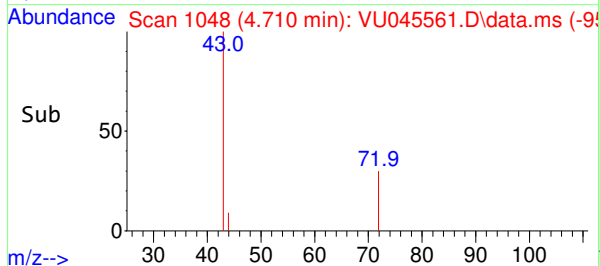
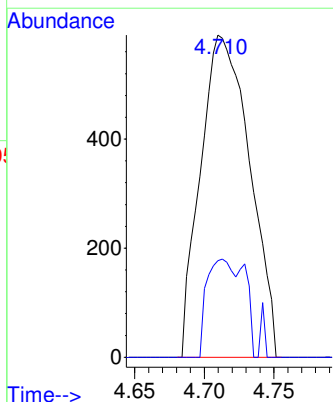
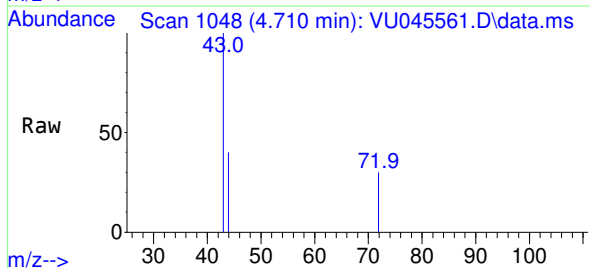




#25
2-Butanone
Concen: 1.01 ug/l
RT: 4.710 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

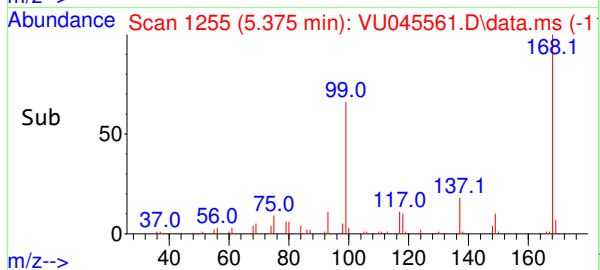
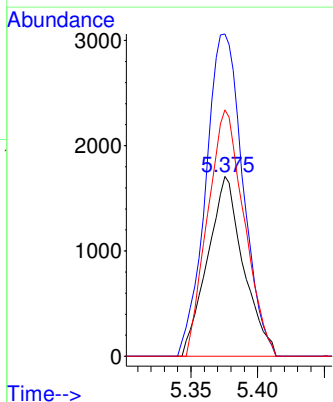
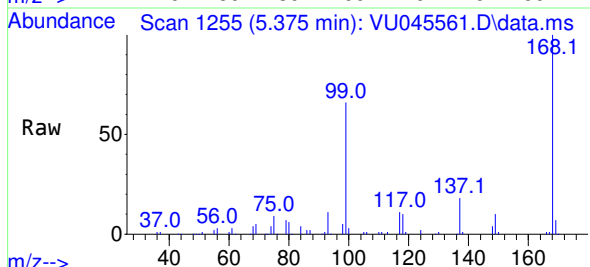
Instrument :
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ClientSampleId :
DUP02

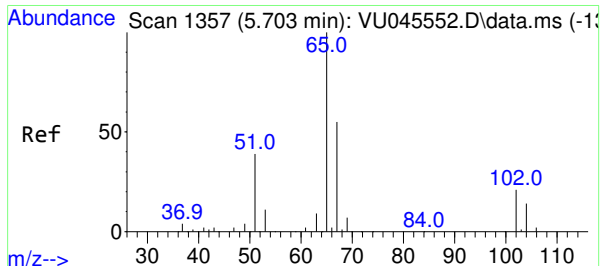
Tgt Ion: 43 Resp: 1450
Ion Ratio Lower Upper
43 100
72 29.9 22.0 33.0



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Tgt Ion: 56 Resp: 3194
Ion Ratio Lower Upper
56 100
69 179.1 26.4 39.6#
84 137.0 68.4 102.6#

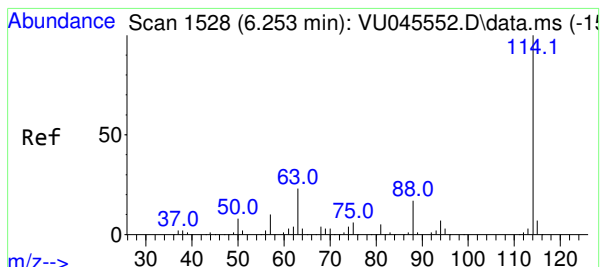
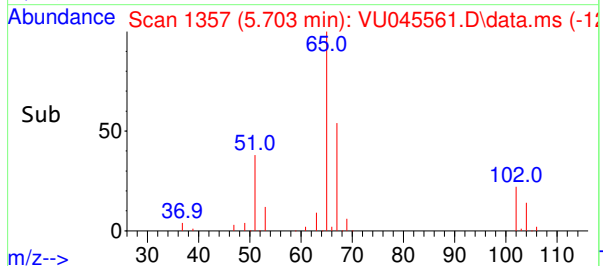
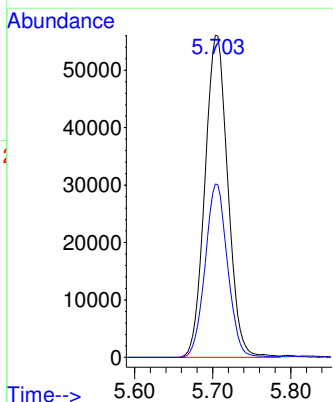
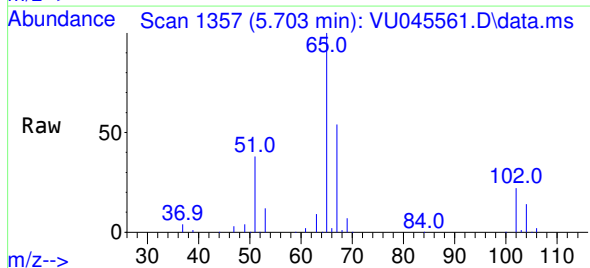




#33
1,2-Dichloroethane-d4
Concen: 56.11 ug/l
RT: 5.703 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

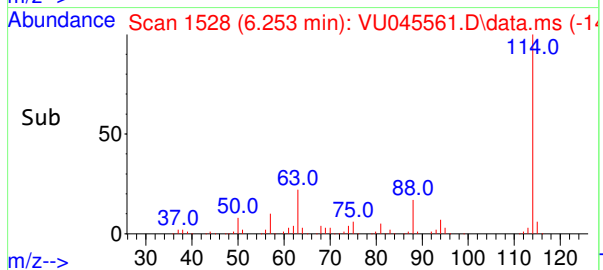
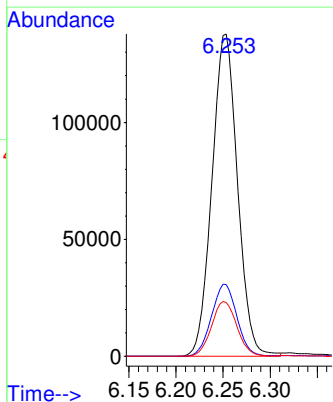
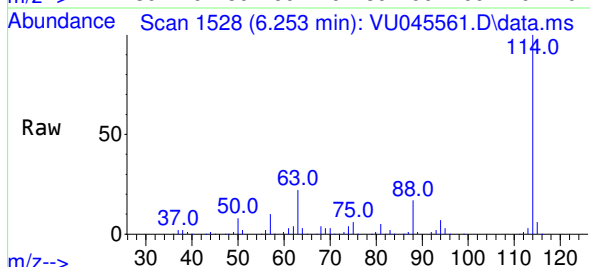
Instrument :
MSVOA_U
ClientSampleId :
DUP02

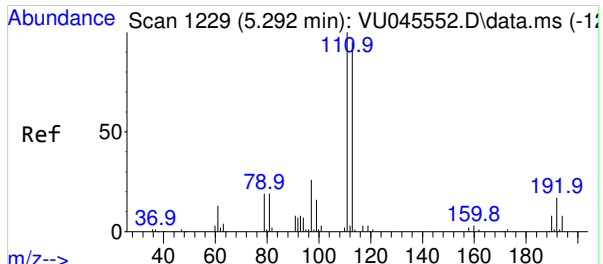
Tgt Ion: 65 Resp: 114399
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Tgt Ion: 114 Resp: 260361
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.6
88 16.7 0.0 33.8

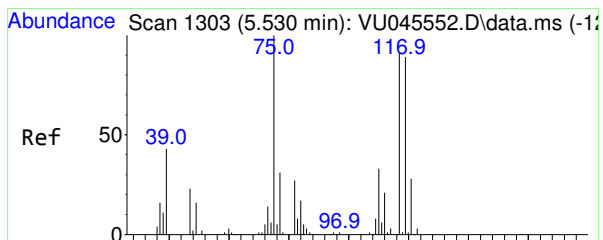
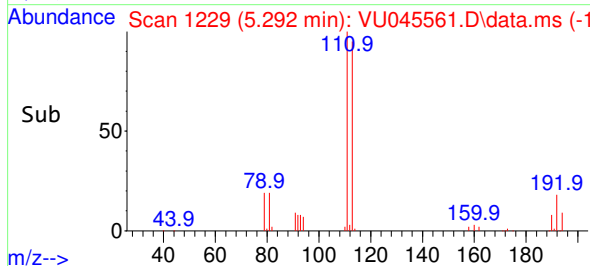
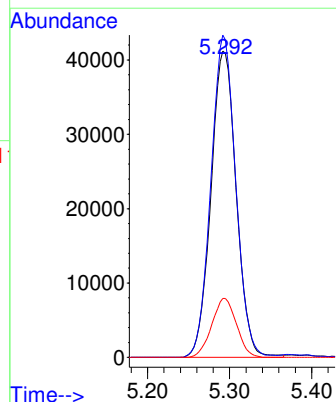
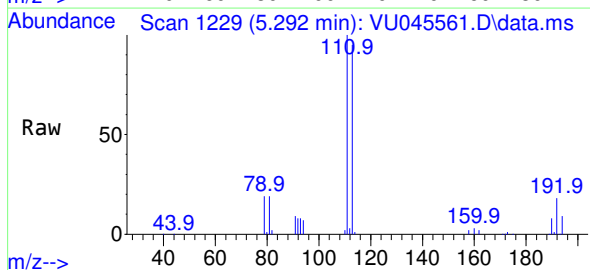




#35
Dibromofluoromethane
Concen: 50.66 ug/l
RT: 5.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

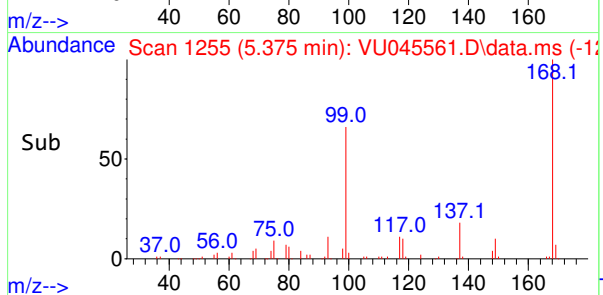
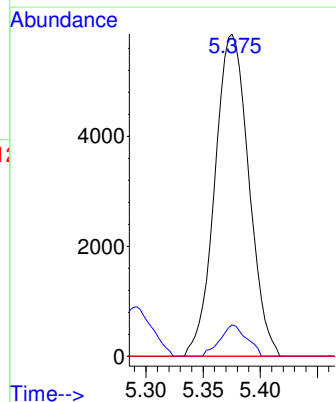
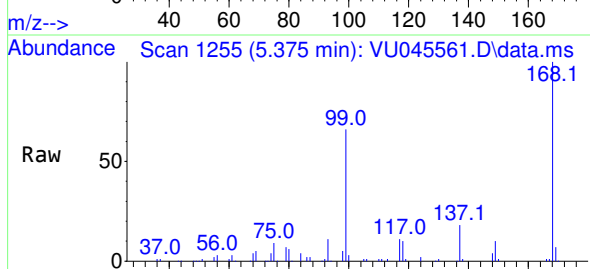
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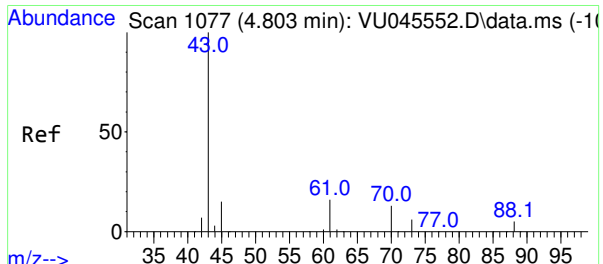
Tgt Ion:113 Resp: 88061
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.8 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Tgt Ion: 75 Resp: 12132
Ion Ratio Lower Upper
75 100
110 7.7 16.7 50.0#
77 0.0 25.0 37.4#

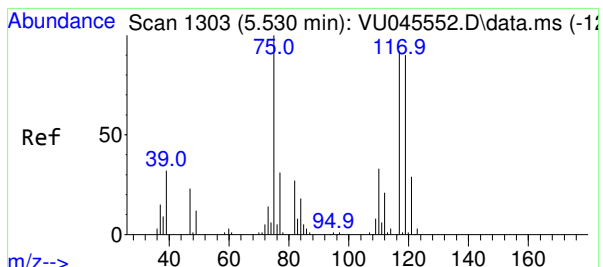
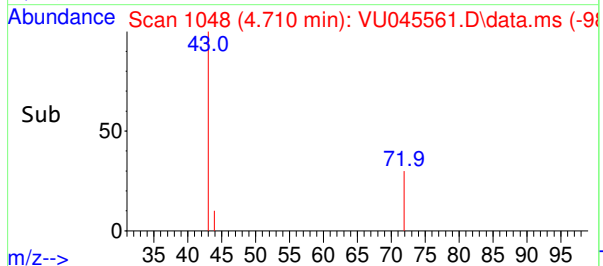
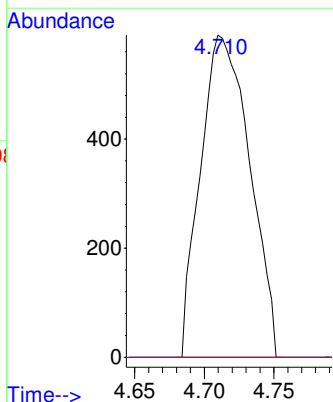
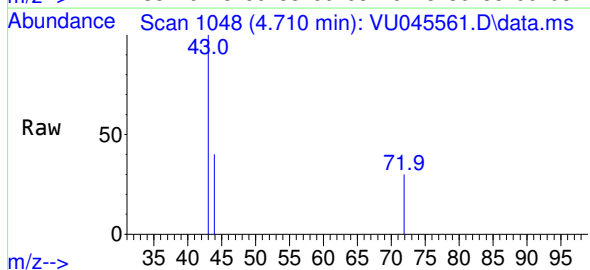




#37
Ethyl Acetate
Concen: 0.50 ug/l
RT: 4.710 min Scan# 1
Delta R.T. -0.093 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

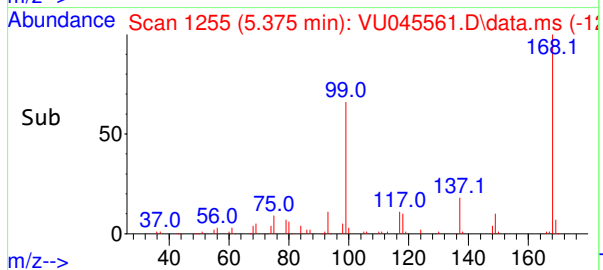
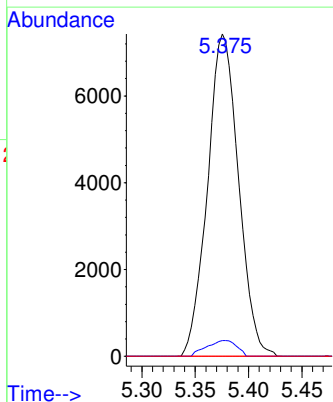
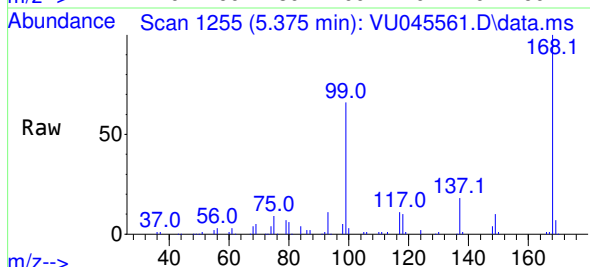
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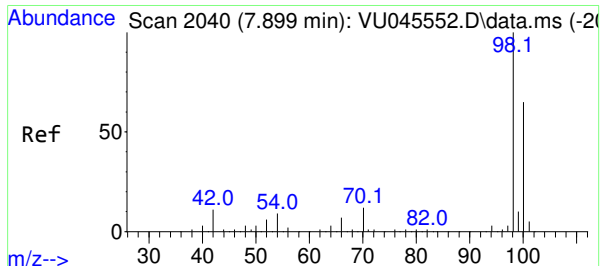
Tgt Ion: 43 Resp: 1450
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 5.87 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Tgt Ion: 117 Resp: 15027
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 24.8 37.2#

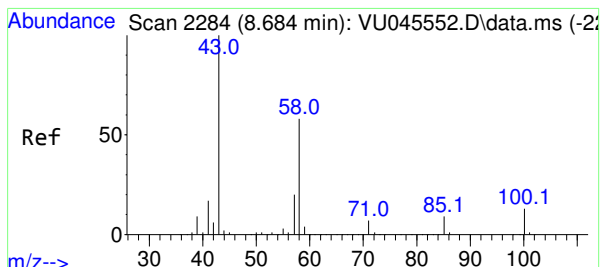
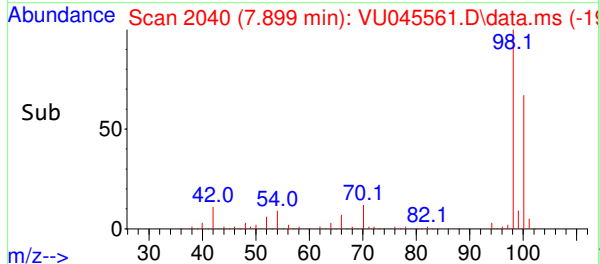
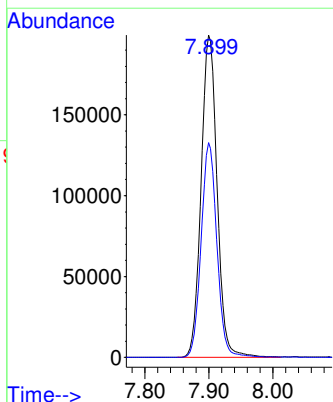
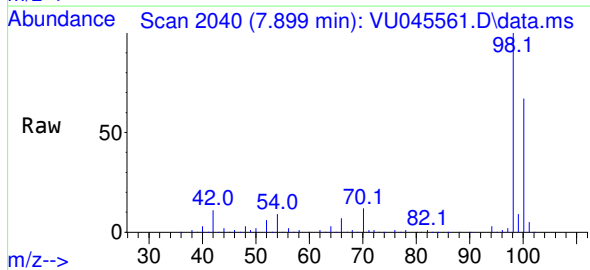




#50
Toluene-d8
Concen: 53.53 ug/l
RT: 7.899 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

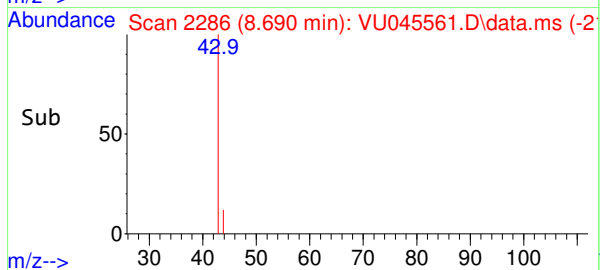
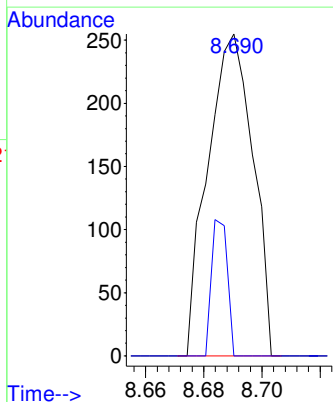
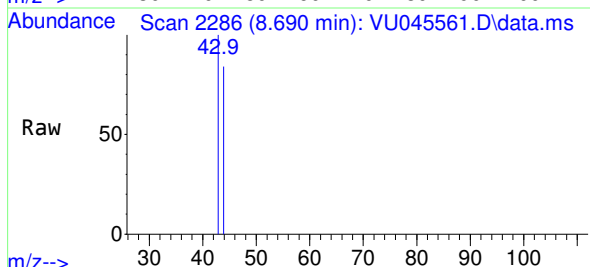
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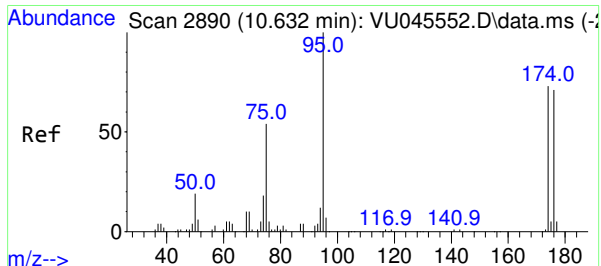
Tgt Ion: 98 Resp: 346020
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#59
2-Hexanone
Concen: 7.64 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
58 14.9 29.5 88.6#

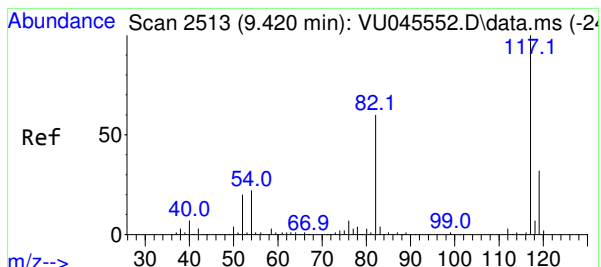
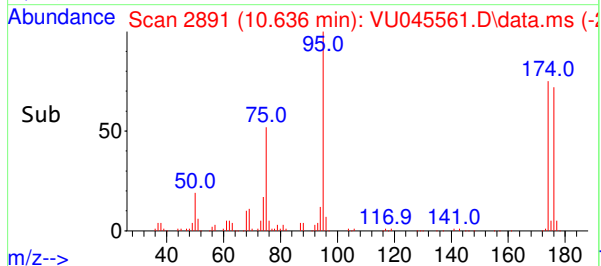
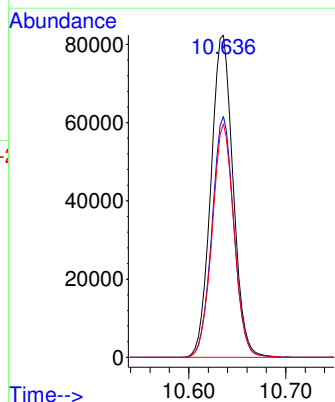
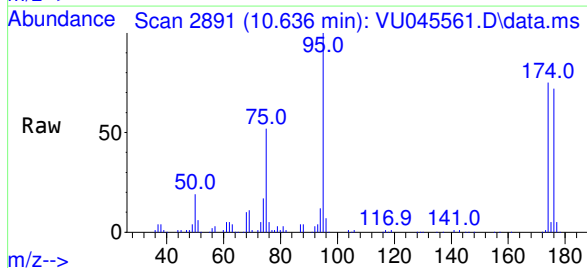




#62
4-Bromofluorobenzene
Concen: 50.47 ug/l
RT: 10.636 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

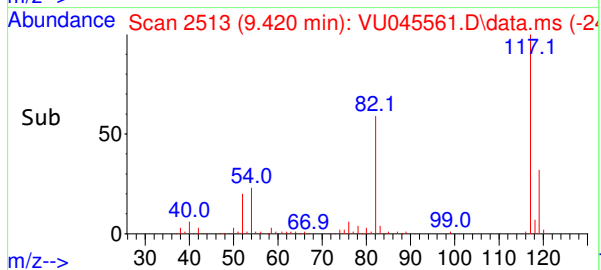
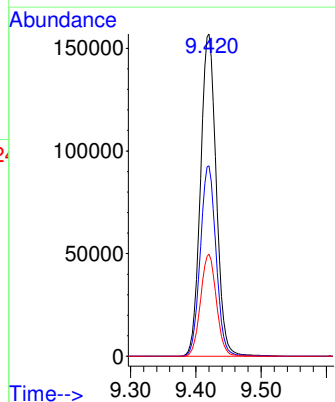
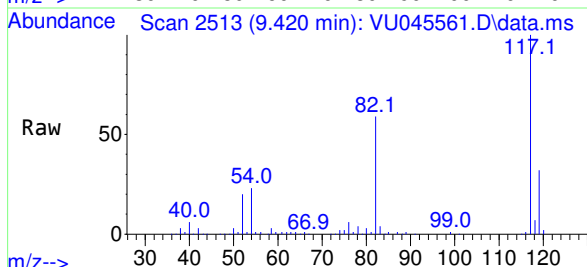
Instrument :
MSVOA_U
ClientSampleId :
DUP02

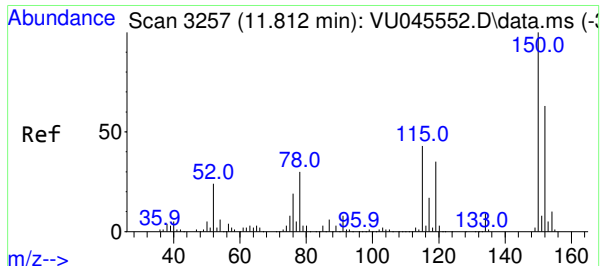
Tgt Ion:	95	Resp:	130817
Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	141.8
176	71.3	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Tgt Ion:	117	Resp:	262699
Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.8	71.8
119	31.7	25.8	38.8

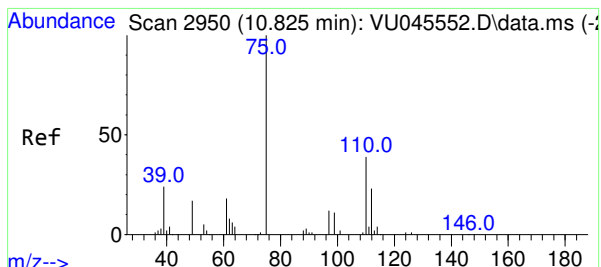
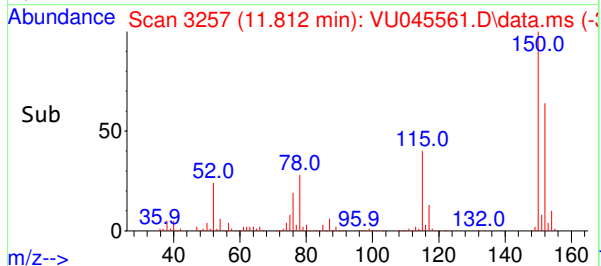
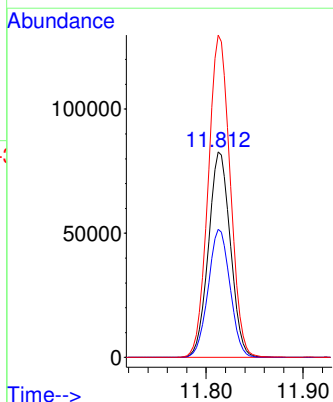
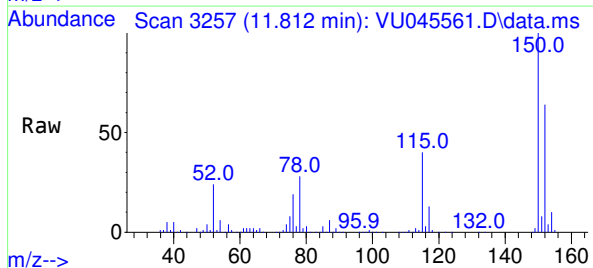




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.812 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

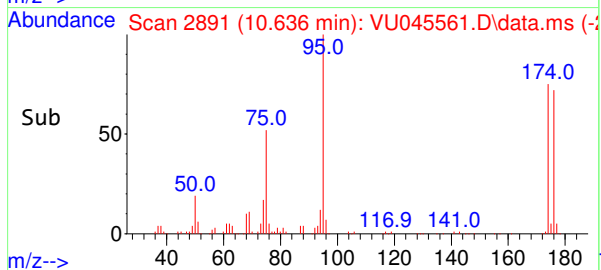
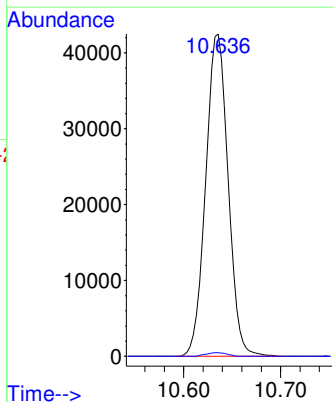
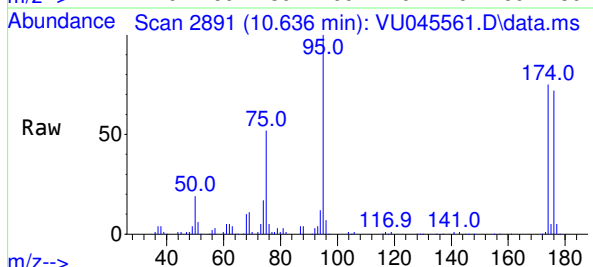
Instrument :
MSVOA_U
ClientSampleId :
DUP02

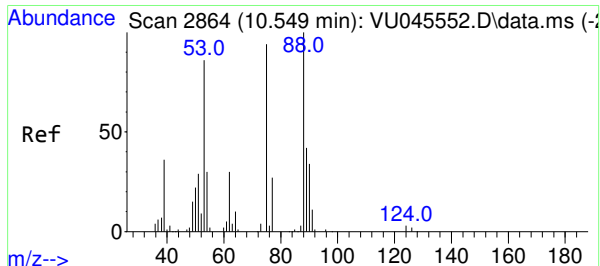
Tgt Ion:152 Resp: 129609
Ion Ratio Lower Upper
152 100
115 62.3 42.7 128.1
150 157.6 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.37 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Tgt Ion: 75 Resp: 68276
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

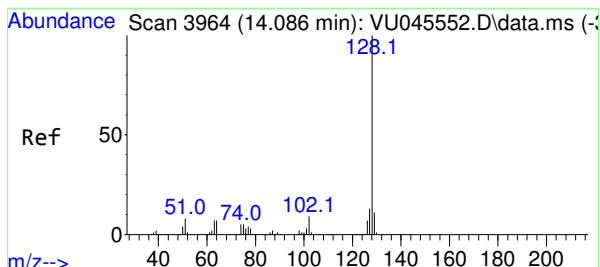
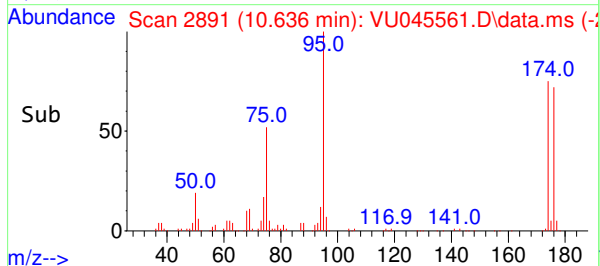
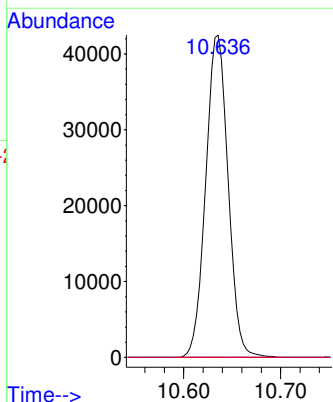
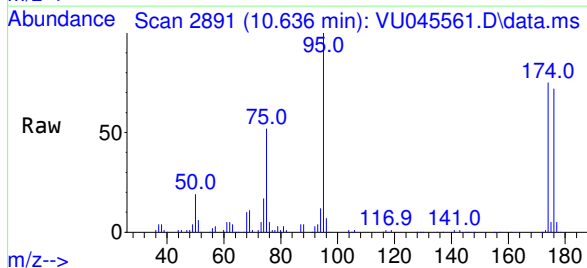




#81
trans-1,4-Dichloro-2-butene
Concen: 56.49 ug/l
RT: 10.636 min Scan# 2
Delta R.T. 0.087 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Instrument :
MSVOA_U
ClientSampleId :
DUP02

Tgt Ion: 75 Resp: 68276
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.16 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045561.D
Acq: 05 Nov 2021 16:12

Tgt Ion: 128 Resp: 1402
Ion Ratio Lower Upper
128 100
127 4.9 10.6 15.8#
129 4.7 8.6 13.0#

