

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042364.D
 Acq On : 19 Feb 2021 16:12
 Operator : SY/MD
 Sample : M1404-01 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NWB-1579-1582

Quant Time: Feb 20 00:29:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

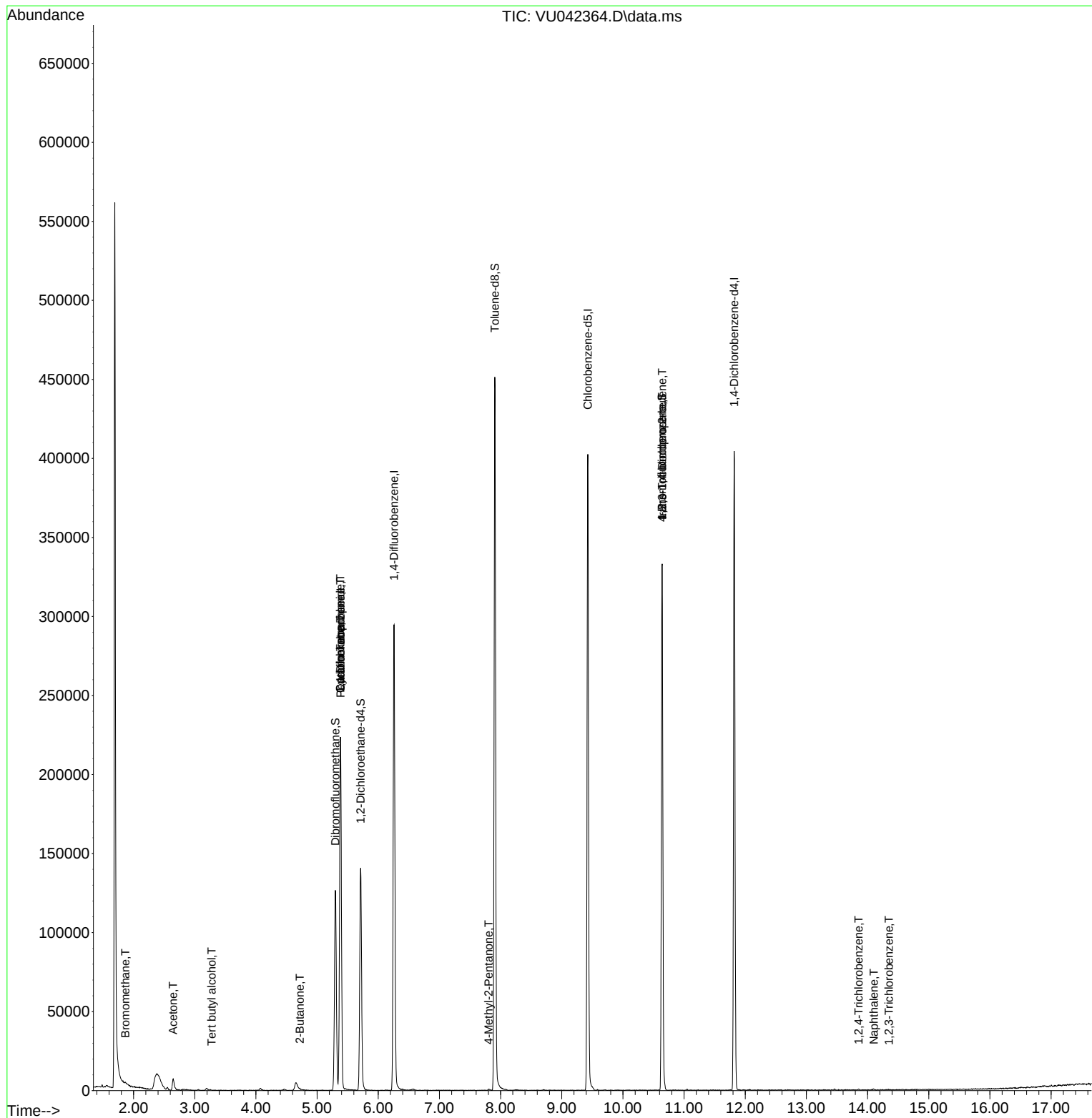
Internal Standards						
1) Pentafluorobenzene	5.385	168	156164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	235185	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	212244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	102268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	114244	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	5.298	113	79365	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
50) Toluene-d8	7.906	98	286876	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	10.639	95	104391	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
						Qvalue
5) Bromomethane	1.867	94	264	0.23	ug/l	83
11) Tert butyl alcohol	3.276	59	168	0.33	ug/l #	94
16) Acetone	2.645	43	10777	7.34	ug/l	100
25) 2-Butanone	4.716	43	425	0.22	ug/l #	54
31) Cyclohexane	5.382	56	3625	1.17	ug/l #	39
36) 1,1-Dichloropropene	5.382	75	12595	5.42	ug/l #	51
38) Carbon Tetrachloride	5.382	117	15405	6.20	ug/l #	16
51) 4-Methyl-2-Pentanone	7.806	43	799	0.22	ug/l #	67
76) 1,2,3-Trichloropropane	10.642	75	58216	23.02	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.642	75	58216	62.59	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.854	180	215	1.78	ug/l #	53
95) Naphthalene	14.101	128	829	2.33	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.346	180	130	1.73	ug/l #	57

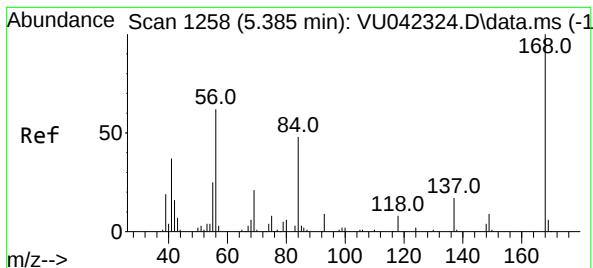
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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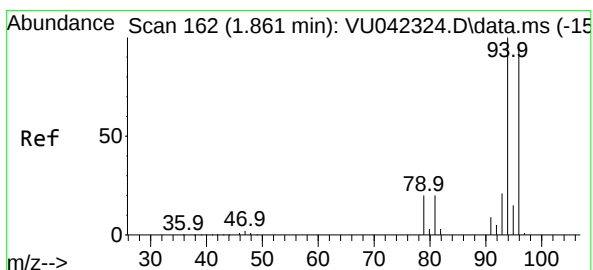
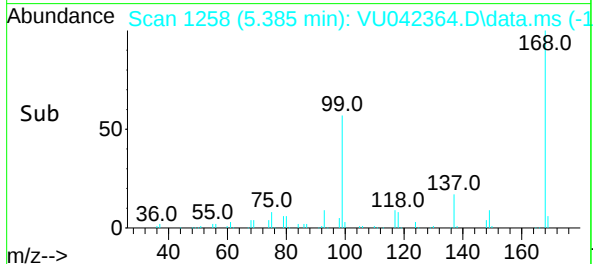
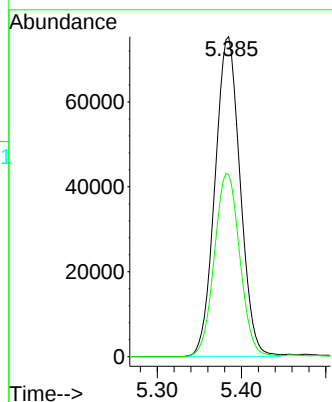
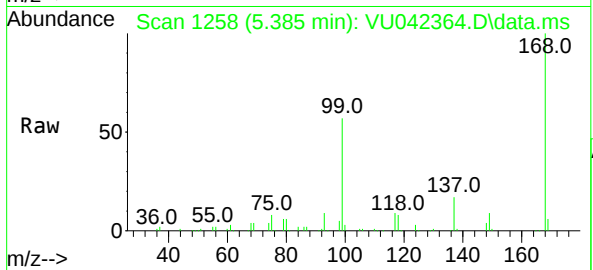




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

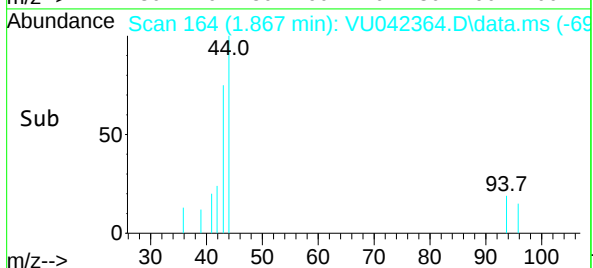
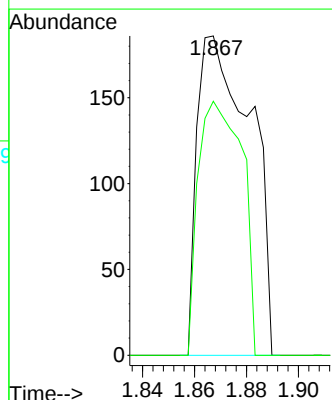
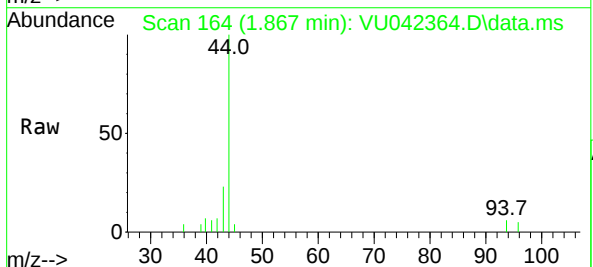
Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

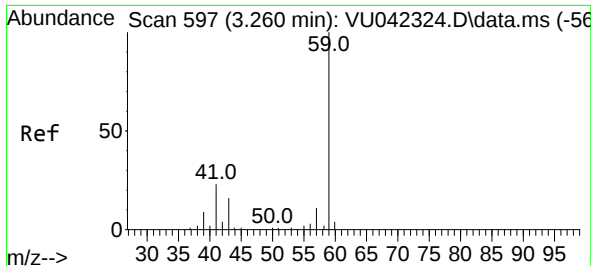
Tgt Ion:168 Resp: 156164
Ion Ratio Lower Upper
168 100
99 56.9 45.0 67.4



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.006 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 79.6 76.6 115.0



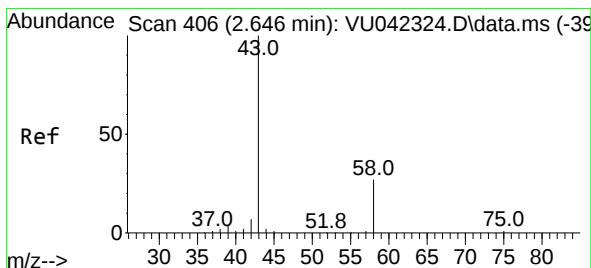
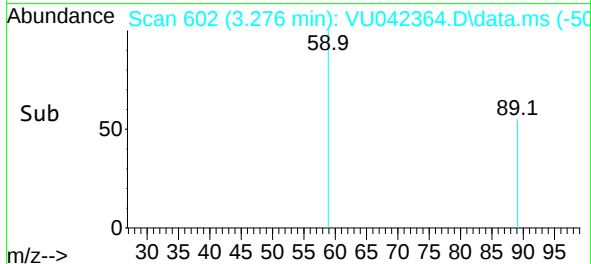
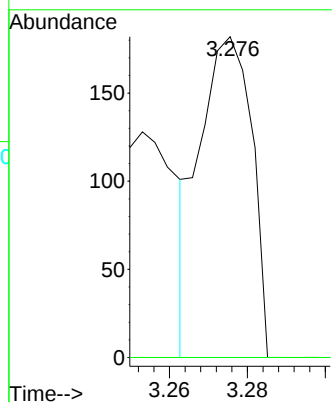
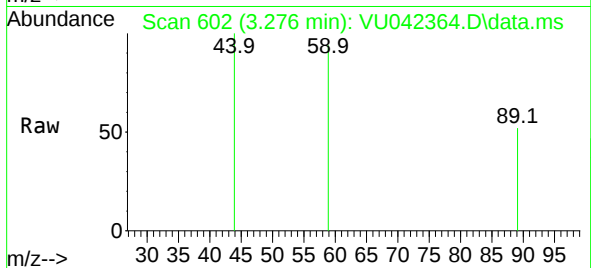


#11

Tert butyl alcohol
Concen: 0.33 ug/l
RT: 3.276 min Scan# 602
Delta R.T. 0.016 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

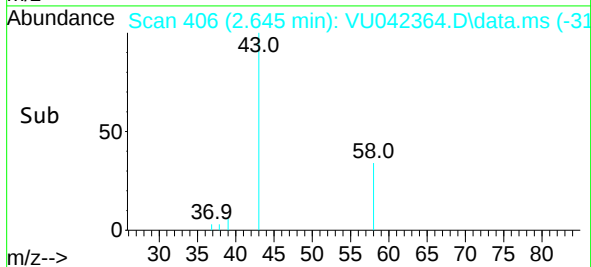
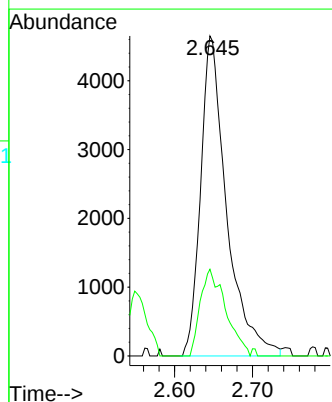
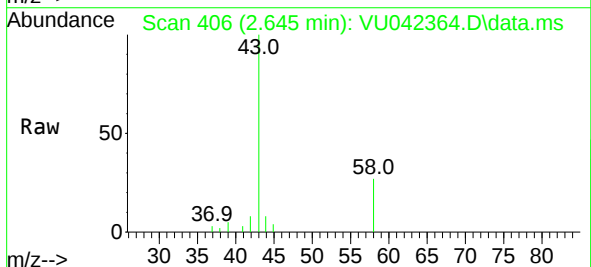
Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

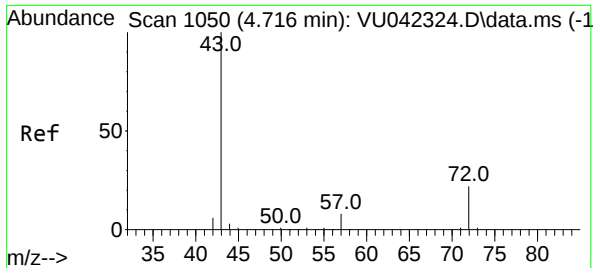


#16

Acetone
Concen: 7.34 ug/l
RT: 2.645 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Tgt Ion: 43 Resp: 10777
Ion Ratio Lower Upper
43 100
58 27.1 21.5 32.3

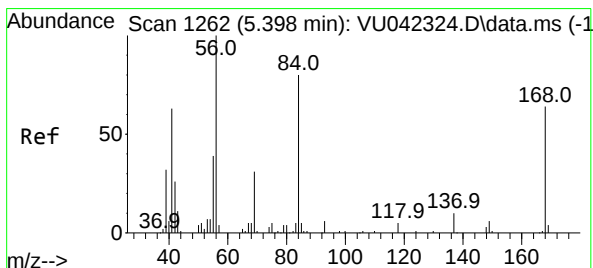
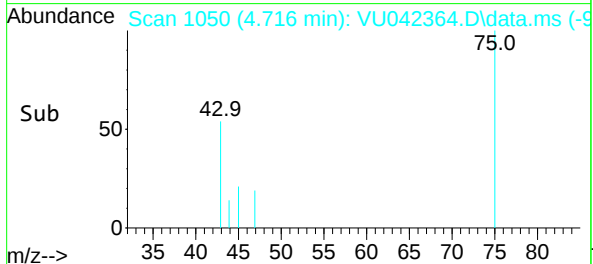
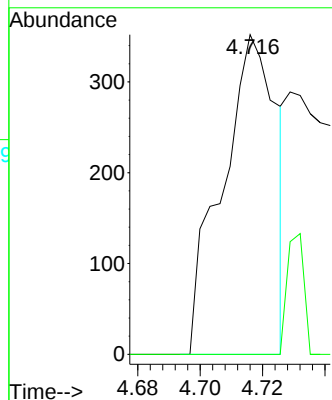
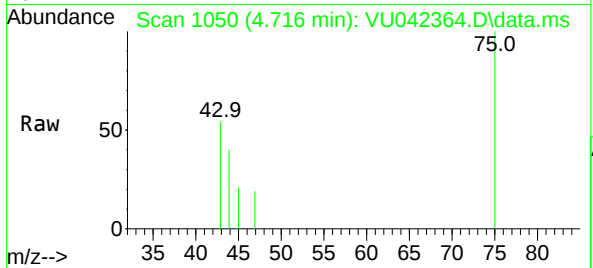




#25
2-Butanone
Concen: 0.22 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

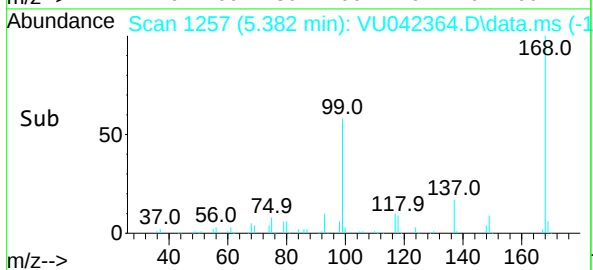
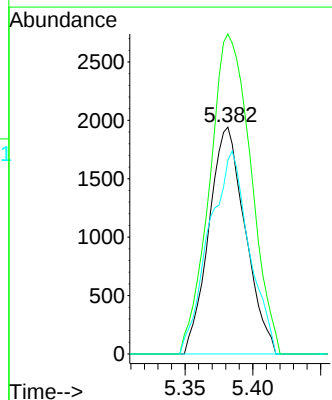
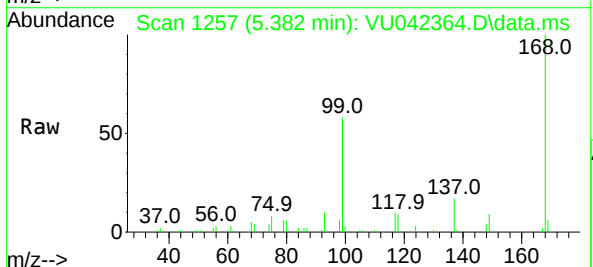
Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

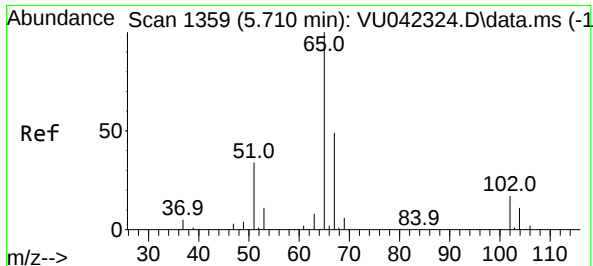
Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
72 0.0 17.4 26.0#



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Tgt Ion: 56 Resp: 3625
Ion Ratio Lower Upper
56 100
69 141.0 24.9 37.3#
84 85.4 63.7 95.5

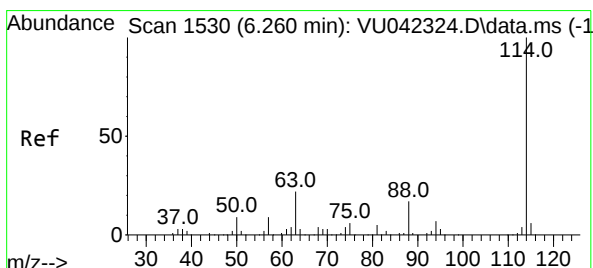
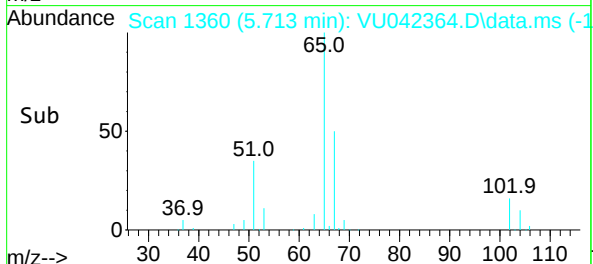
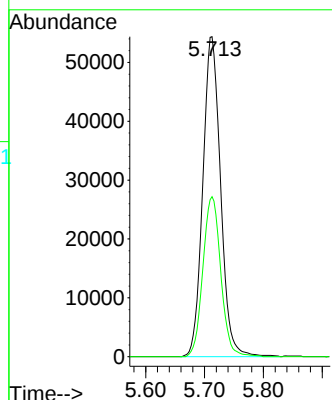
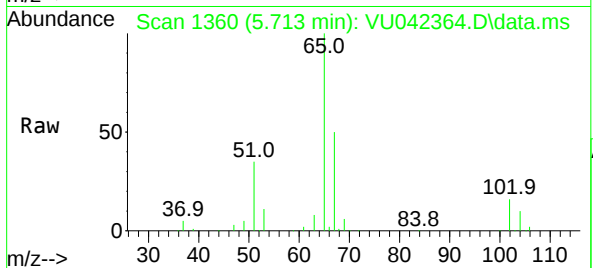




#33
1,2-Dichloroethane-d4
Concen: 48.24 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

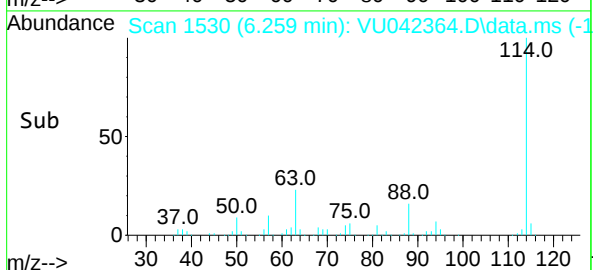
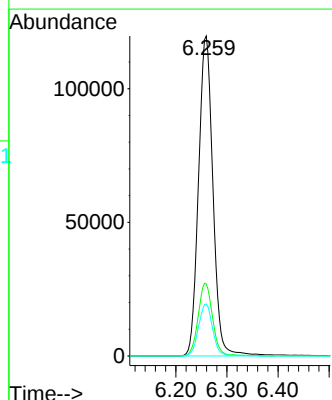
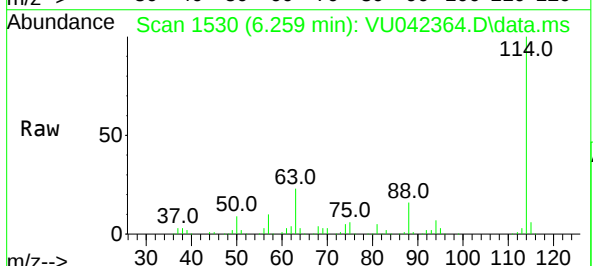
Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

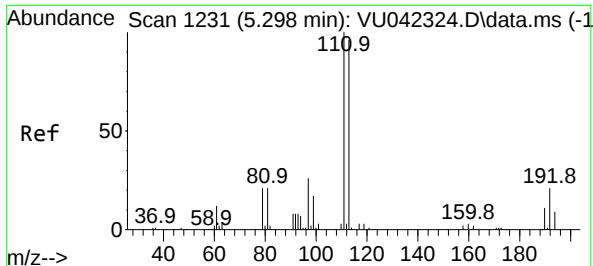
Tgt Ion: 65 Resp: 114244
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Tgt Ion: 114 Resp: 235185
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.2
88 16.3 0.0 33.4

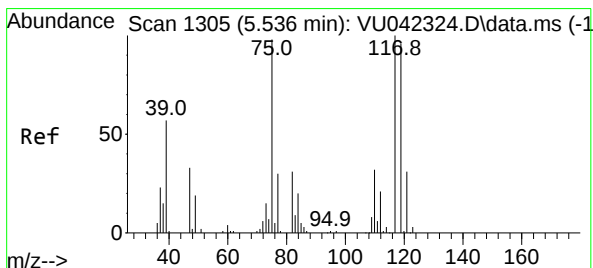
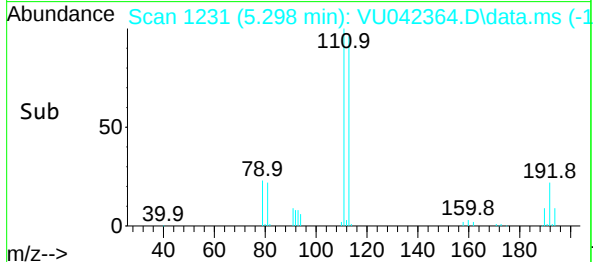
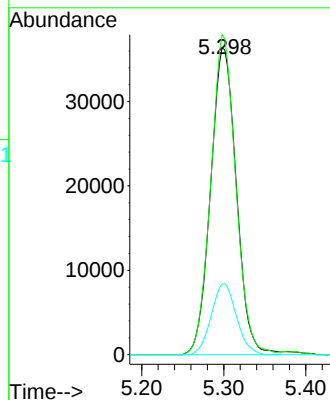
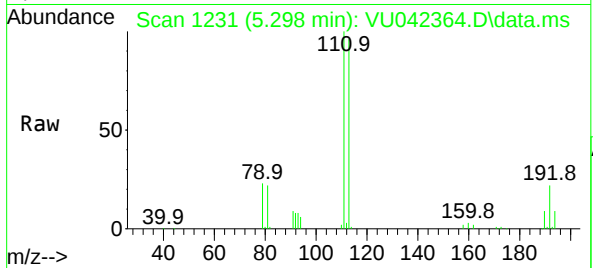




#35
Dibromofluoromethane
Concen: 47.81 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

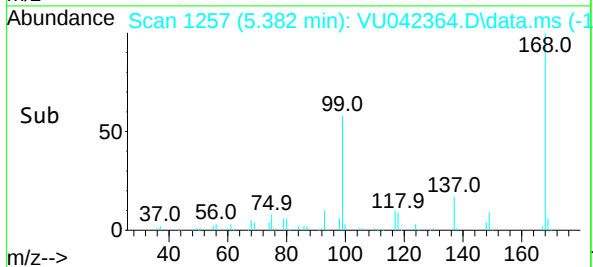
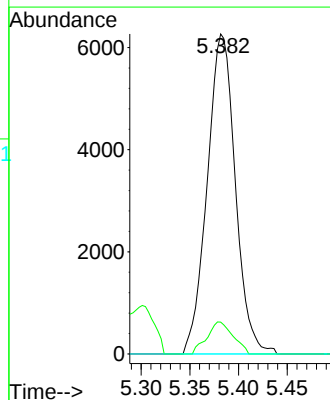
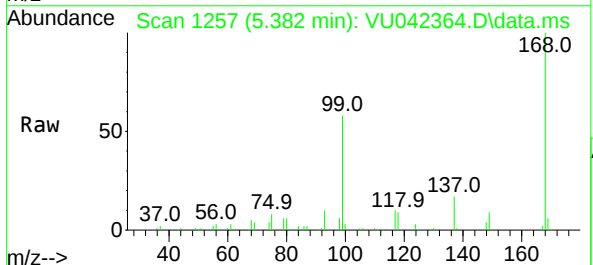
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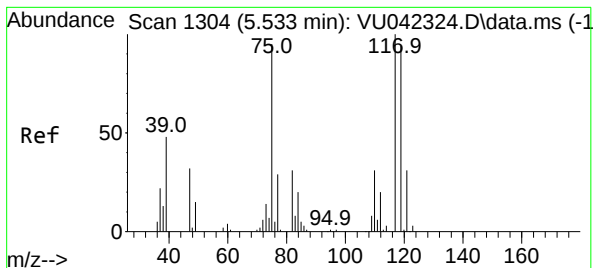
Tgt Ion:	113	Resp:	79365
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.8
192	22.6	17.2	25.8



#36
1,1-Dichloropropene
Concen: 5.42 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Tgt Ion:	75	Resp:	12595
Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.8	50.3#
77	0.0	24.8	37.2#

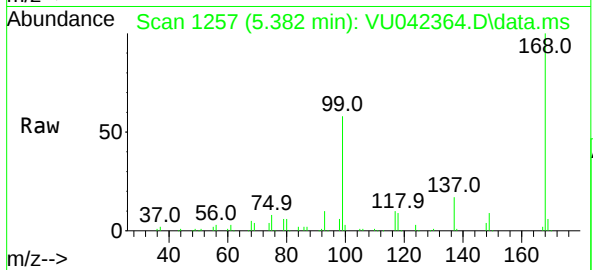




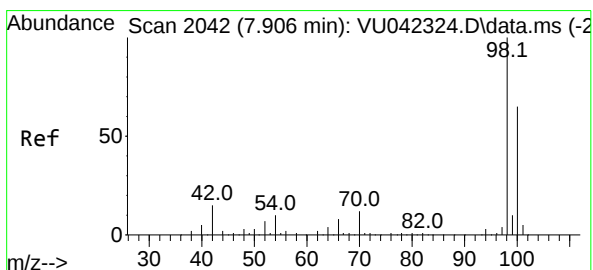
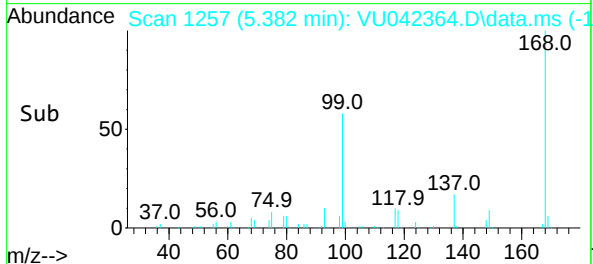
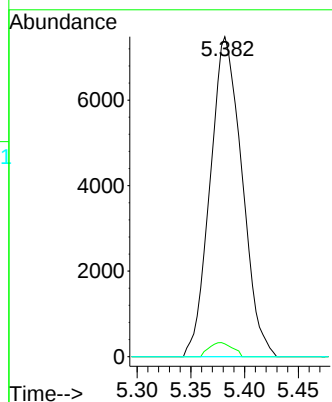
#38

Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582



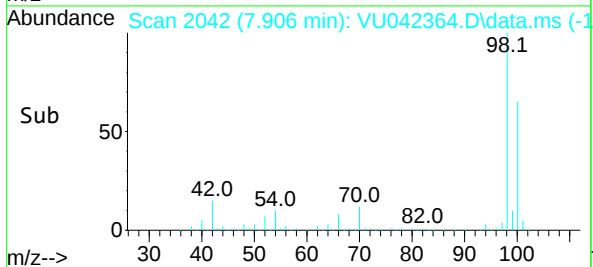
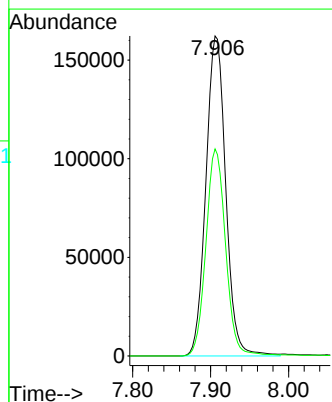
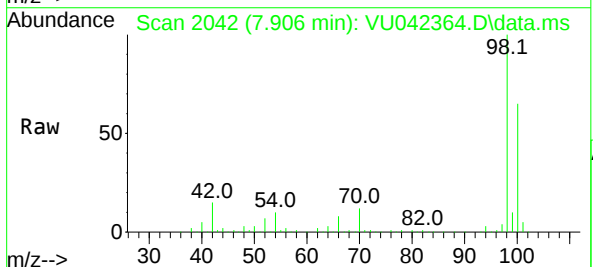
Tgt Ion:117 Resp: 15405
Ion Ratio Lower Upper
117 100
119 4.0 75.5 113.3#
121 0.0 24.7 37.1#

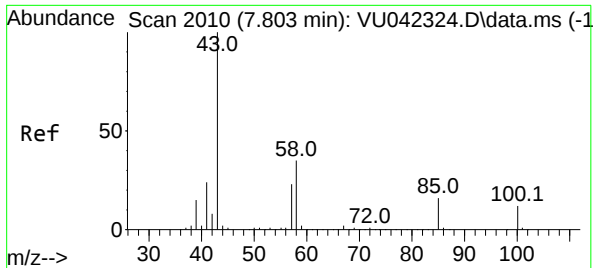


#50

Toluene-d8
Concen: 48.25 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Tgt Ion: 98 Resp: 286876
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

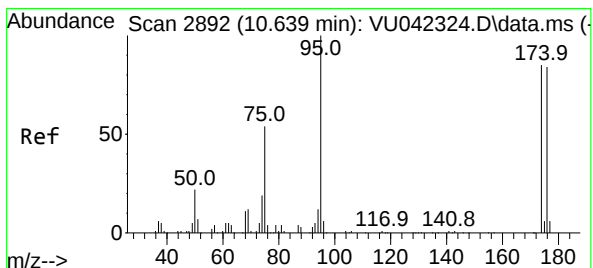
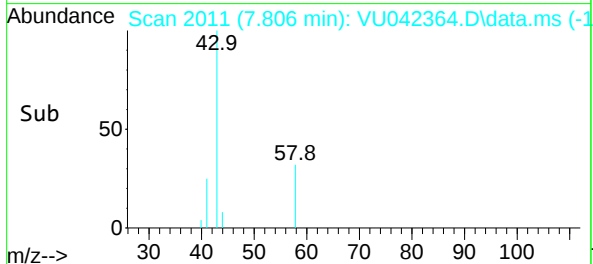
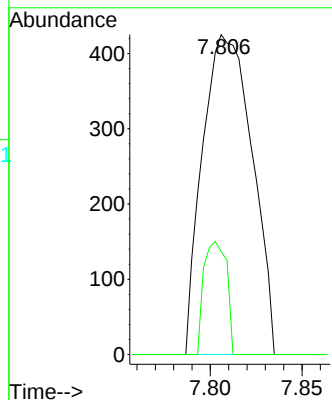
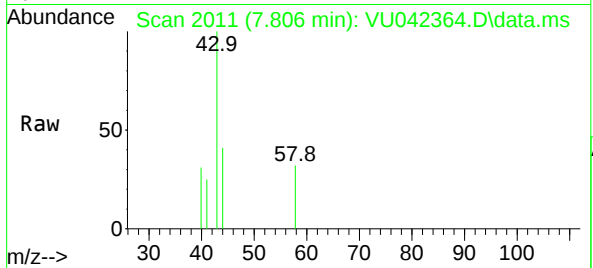




#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 7.806 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

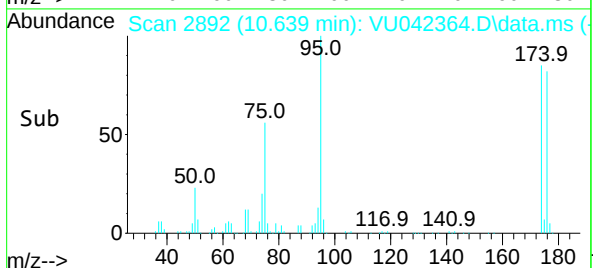
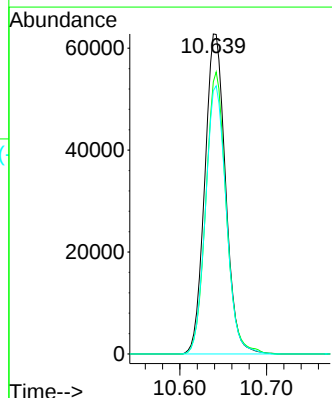
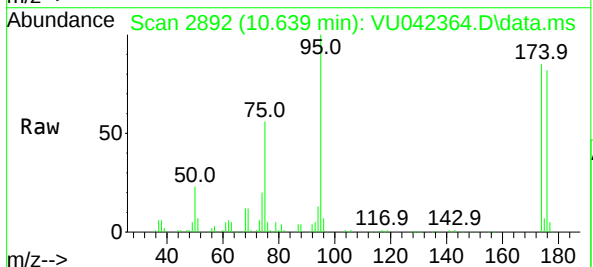
Instrument :
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ClientSampleId :
NWB-1579-1582

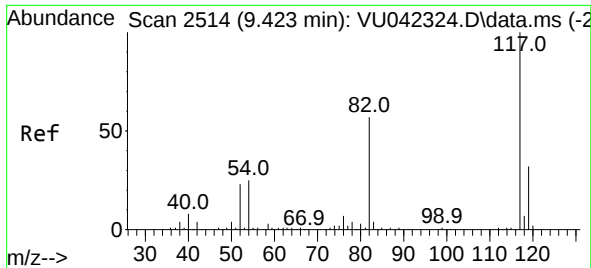
Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
58 16.1 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 44.55 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Tgt Ion: 95 Resp: 104391
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.2
176 83.8 0.0 168.8

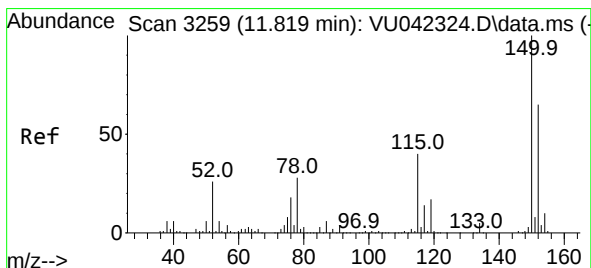
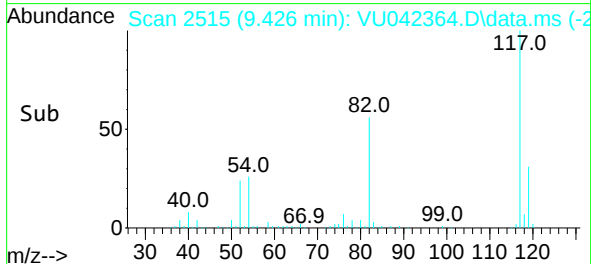
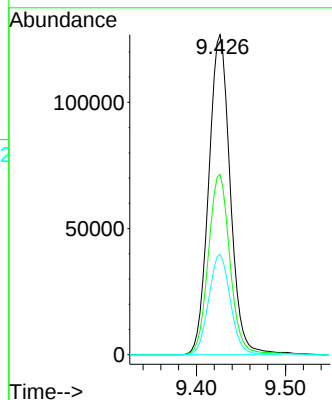
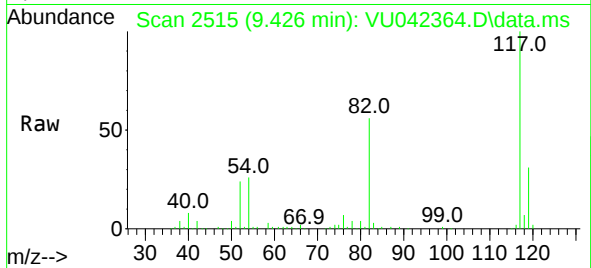




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

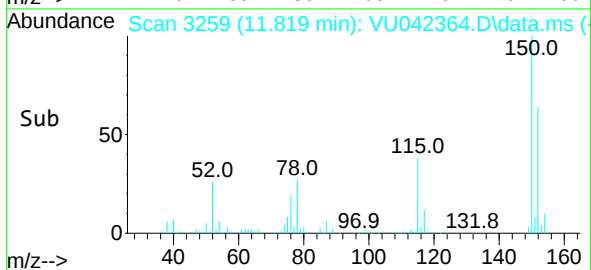
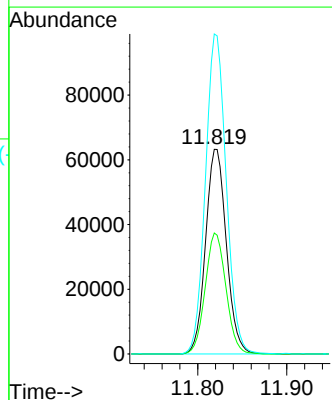
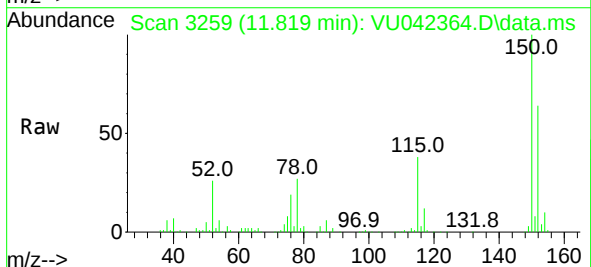
Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

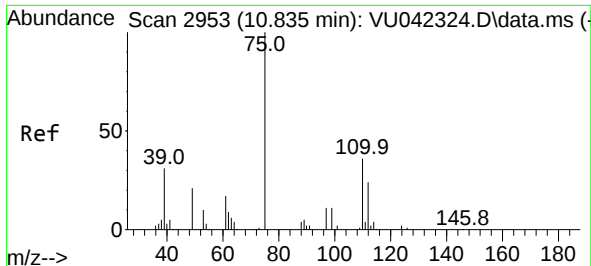
Tgt Ion:117 Resp: 212244
Ion Ratio Lower Upper
117 100
82 56.3 45.8 68.6
119 31.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Tgt Ion:152 Resp: 102268
Ion Ratio Lower Upper
152 100
115 59.0 41.5 124.6
150 156.4 0.0 342.4

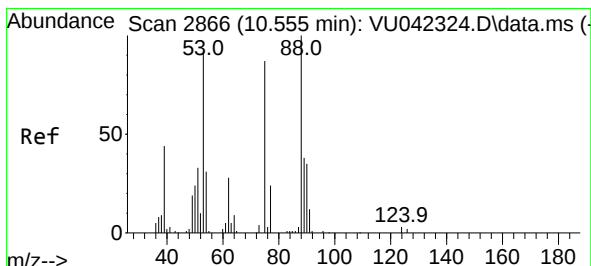
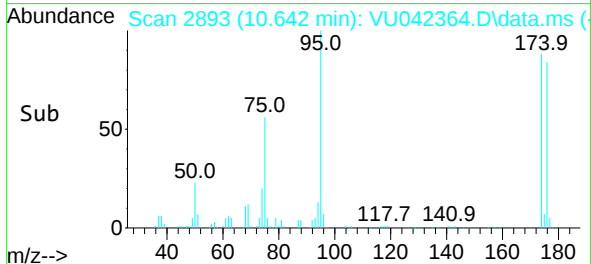
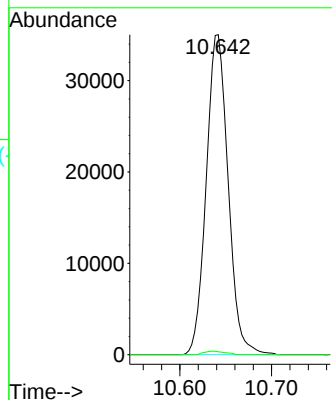
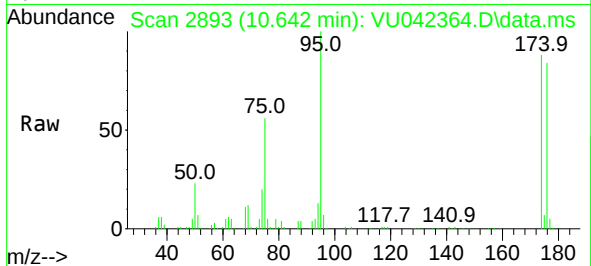




#76
1,2,3-Trichloropropane
Concen: 23.02 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.193 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

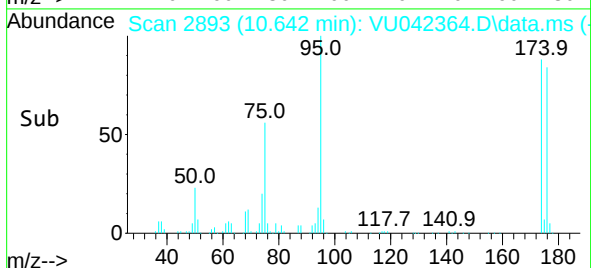
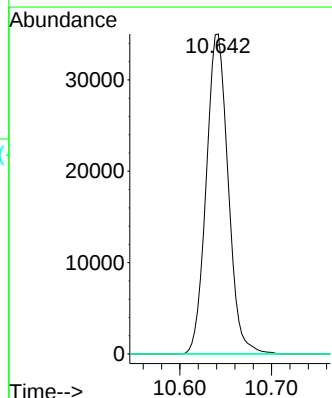
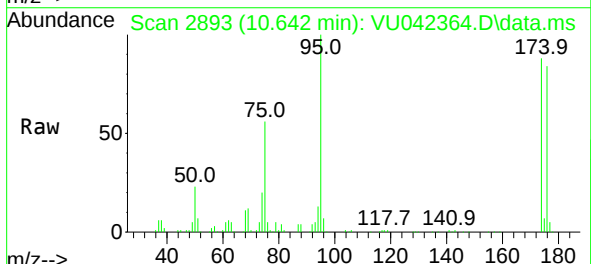
Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

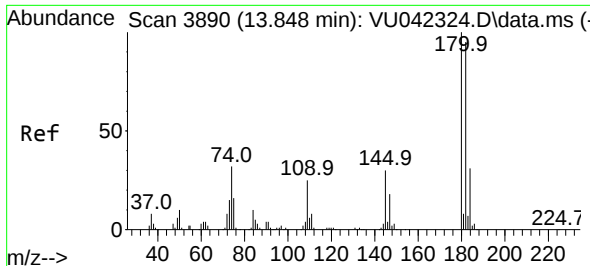
Tgt Ion: 75 Resp: 58216
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.59 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

Tgt Ion: 75 Resp: 58216
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

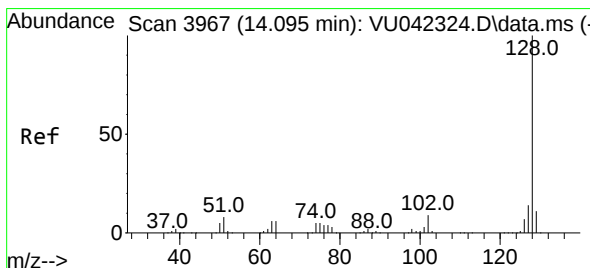
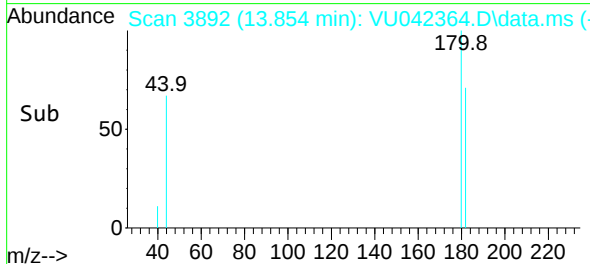
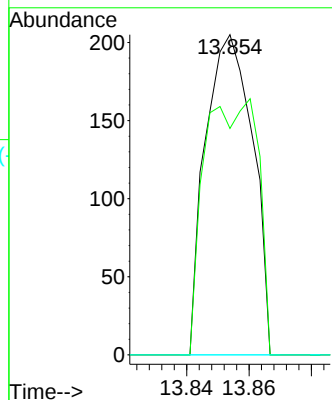
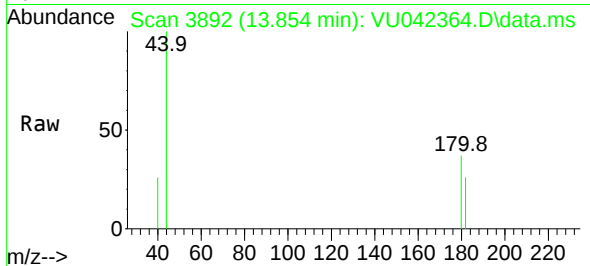




#93
1,2,4-Trichlorobenzene
Concen: 1.78 ug/l
RT: 13.854 min Scan# 3892
Delta R.T. 0.006 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

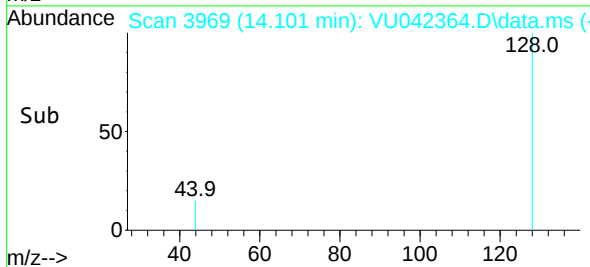
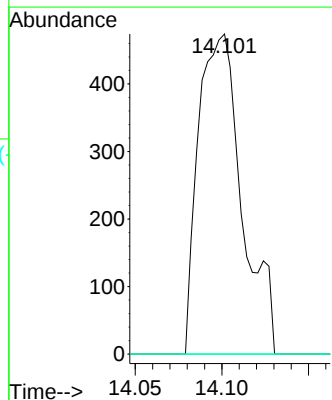
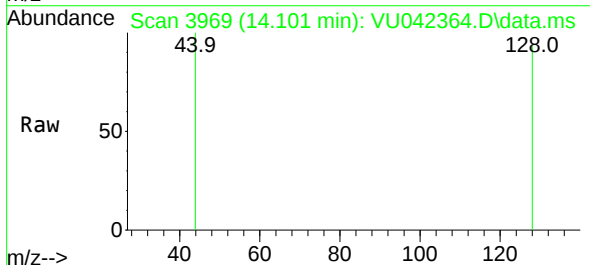
Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

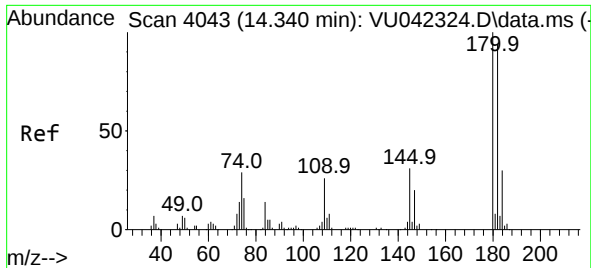
Tgt Ion:180 Resp: 215
Ion Ratio Lower Upper
180 100
182 51.2 46.9 140.8
145 0.0 14.4 43.4#



#95
Naphthalene
Concen: 2.33 ug/l
RT: 14.101 min Scan# 3969
Delta R.T. 0.006 min
Lab File: VU042364.D
Acq: 19 Feb 2021 16:12

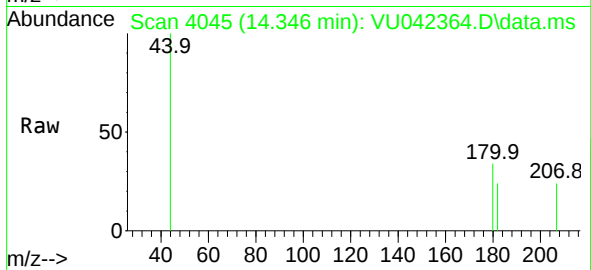
Tgt Ion:128 Resp: 829
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.73 ug/l
 RT: 14.346 min Scan# 4045
 Delta R.T. 0.006 min
 Lab File: VU042364.D
 Acq: 19 Feb 2021 16:12

Instrument :
 MSVOA_U
 ClientSampleId :
 NWB-1579-1582



Tgt Ion:180 Resp: 130
 Ion Ratio Lower Upper
 180 100
 182 133.8 48.0 144.0
 145 0.0 15.5 46.5#

