

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043162.D
 Acq On : 16 Apr 2021 12:47
 Operator : SY/MD
 Sample : M2061-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-041521

Quant Time: Apr 17 02:30:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

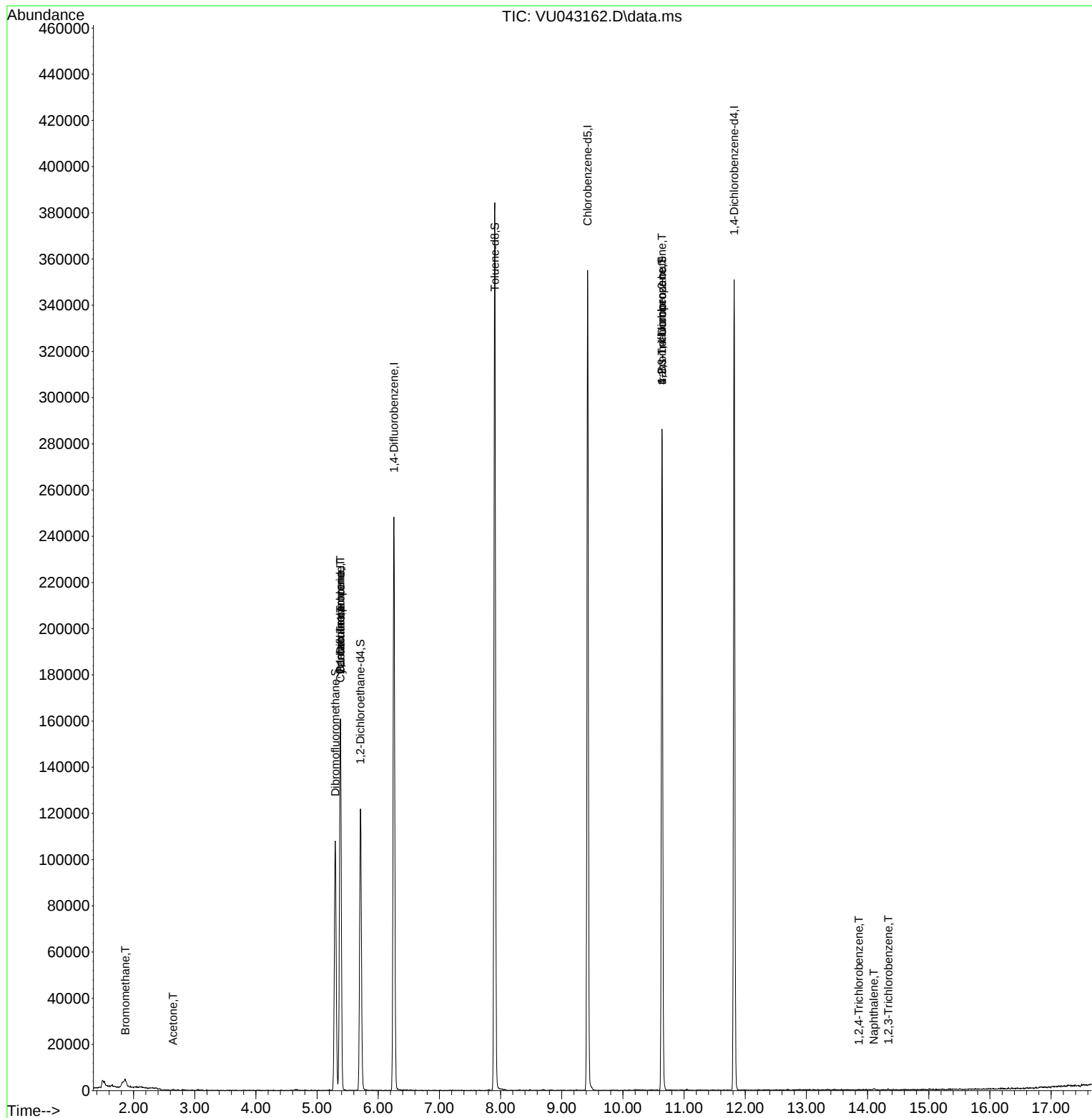
Internal Standards						
1) Pentafluorobenzene	5.382	168	109512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	183597	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	177278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	82551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	95497	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	5.298	113	65633	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	7.906	98	233022	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	10.639	95	81063	41.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.94%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	609	Below Cal		99
5) Bromomethane	1.864	94	172	0.26 ug/l #		77
16) Acetone	2.645	43	687	0.33 ug/l #		48
31) Cyclohexane	5.378	56	2826	1.24 ug/l #		33
36) 1,1-Dichloropropene	5.382	75	9046	4.64 ug/l #		50
38) Carbon Tetrachloride	5.382	117	11077	5.30 ug/l #		16
76) 1,2,3-Trichloropropane	10.639	75	48903	20.27 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	48903	59.57 ug/l #		7
93) 1,2,4-Trichlorobenzene	13.857	180	40	1.53 ug/l #		1
95) Naphthalene	14.102	128	870	2.88 ug/l #		69
96) 1,2,3-Trichlorobenzene	14.339	180	138	1.53 ug/l #		84

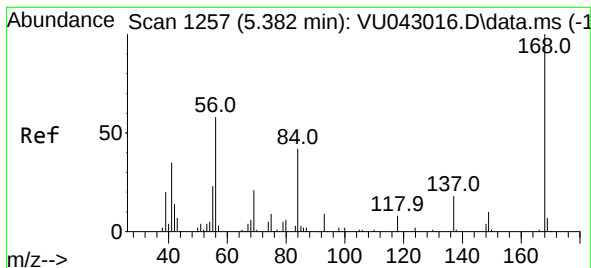
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TB-01-041521

Quant Time: Apr 17 02:30:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

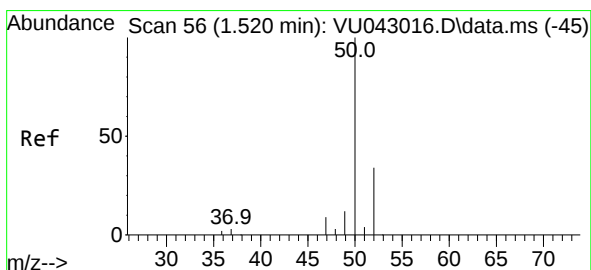
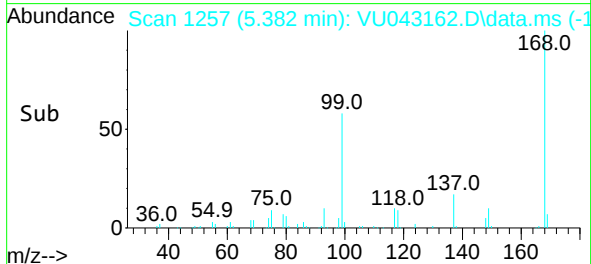
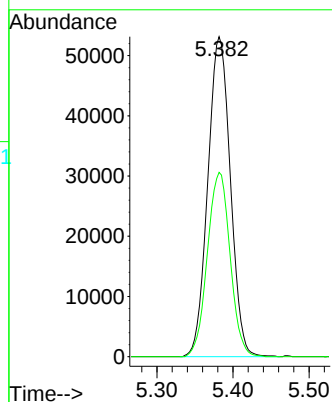
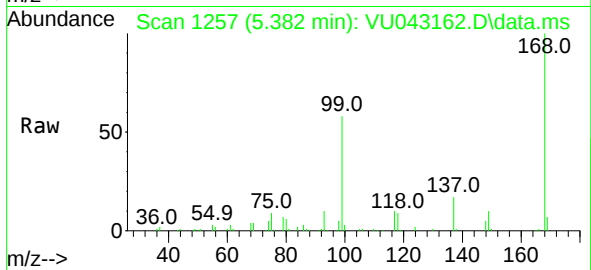




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

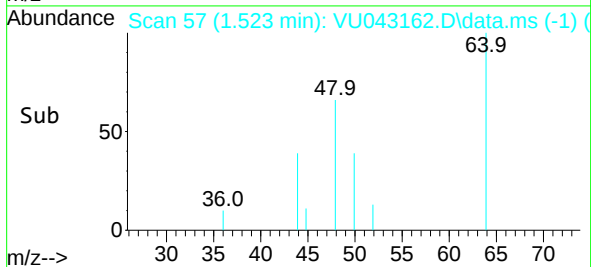
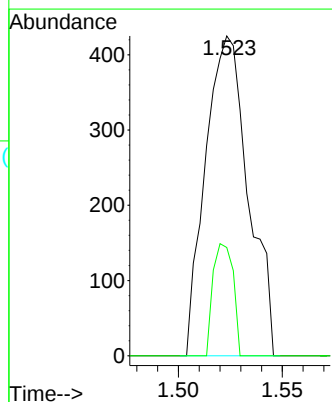
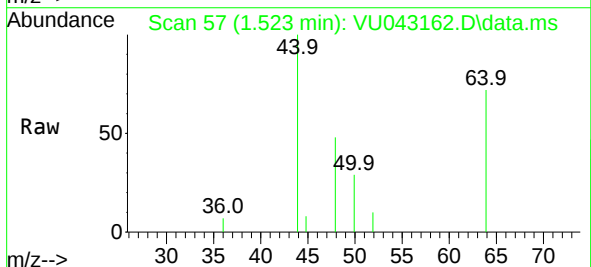
Instrument :
MSVOA_U
ClientSampleId :
TB-01-041521

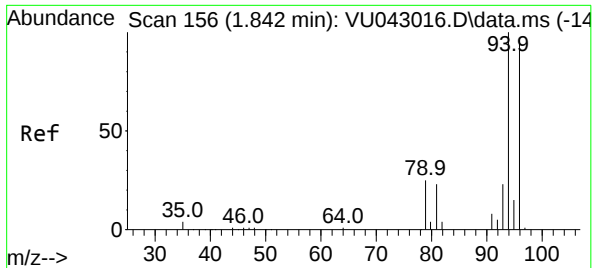
Tgt Ion:168 Resp: 109512
Ion Ratio Lower Upper
168 100
99 57.6 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

Tgt Ion: 50 Resp: 609
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0

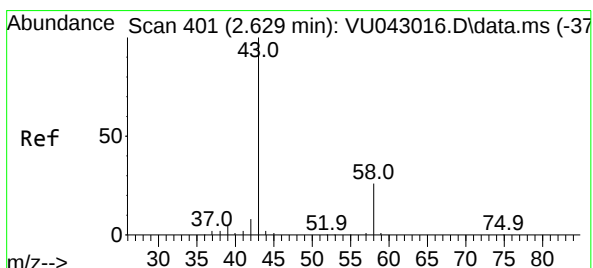
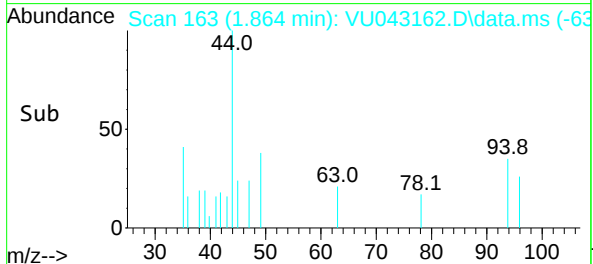
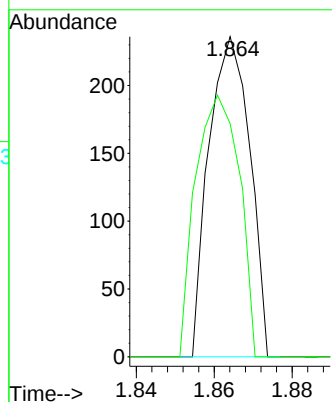
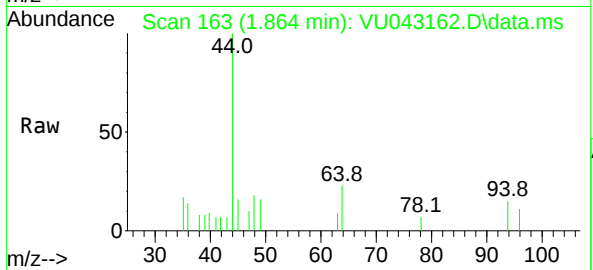




#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.022 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

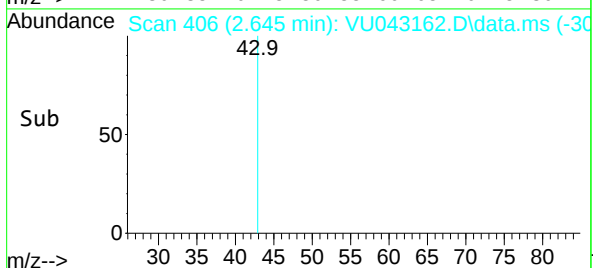
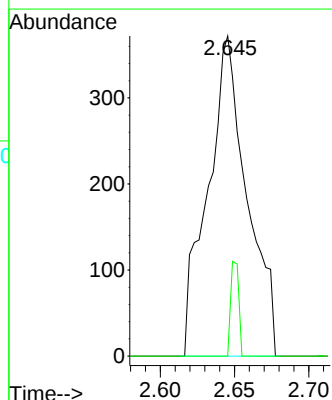
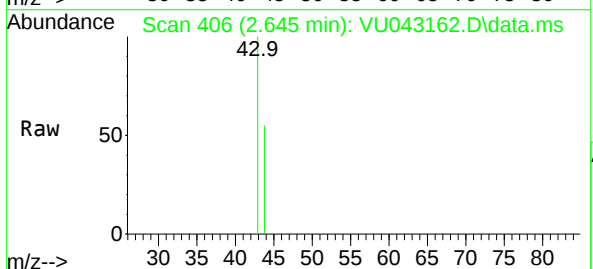
Instrument :
MSVOA_U
ClientSampleId :
TB-01-041521

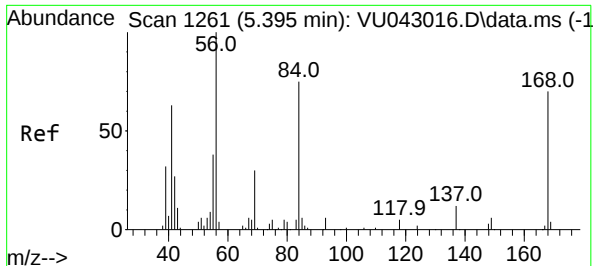
Tgt Ion: 94 Resp: 172
Ion Ratio Lower Upper
94 100
96 72.9 76.6 115.0#



#16
Acetone
Concen: 0.33 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.016 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

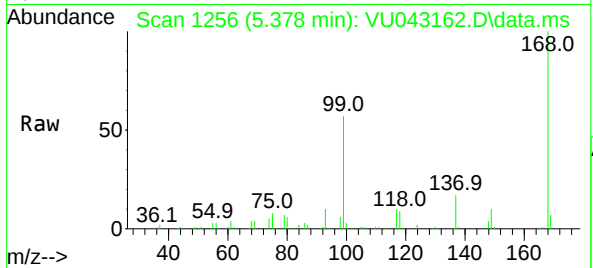
Tgt Ion: 43 Resp: 687
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#



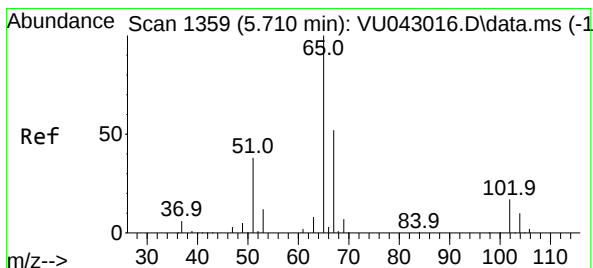
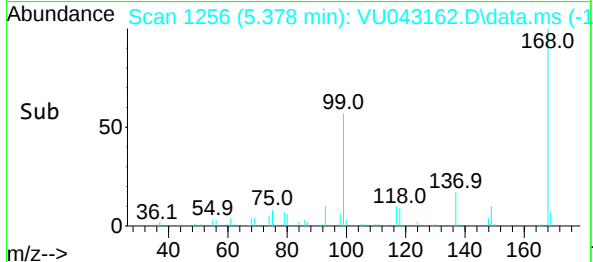
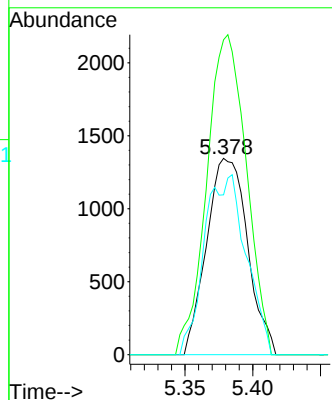


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

Instrument :
MSVOA_U
ClientSampleId :
TB-01-041521

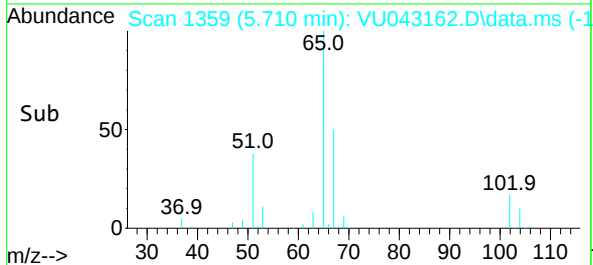
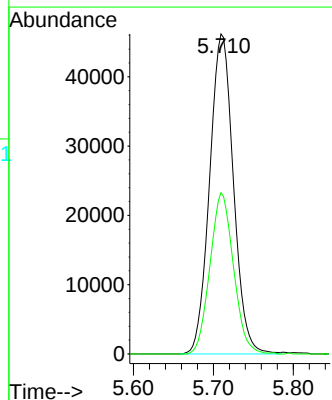
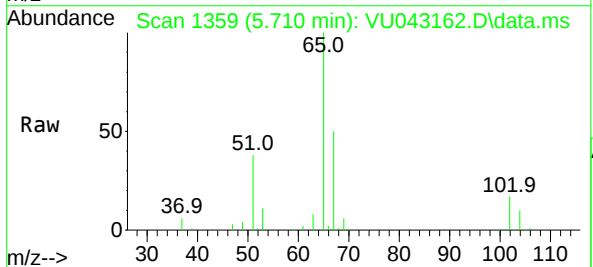


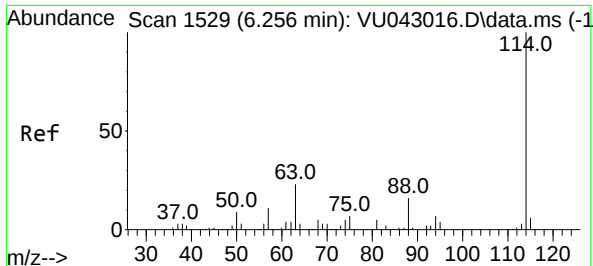
Tgt Ion: 56 Resp: 2826
Ion Ratio Lower Upper
56 100
69 160.4 24.9 37.3#
84 81.4 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 51.87 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

Tgt Ion: 65 Resp: 95497
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.8

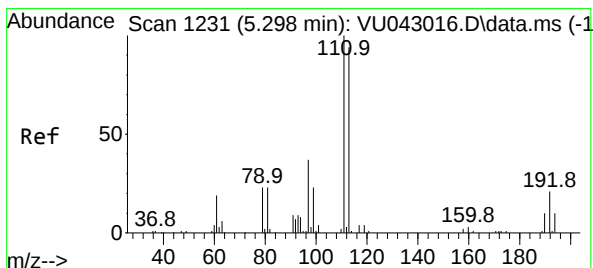
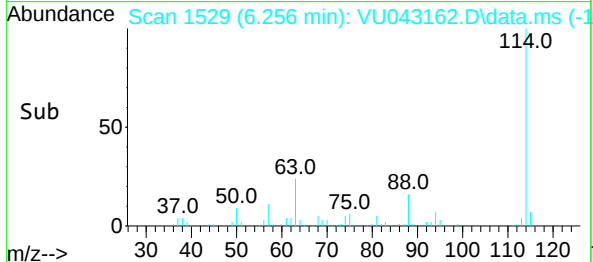
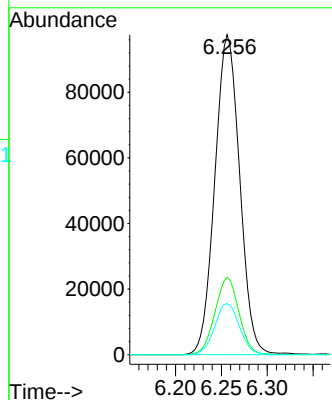
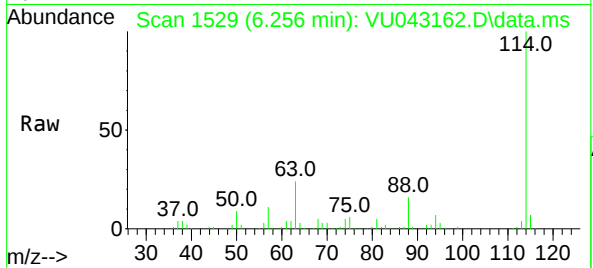




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

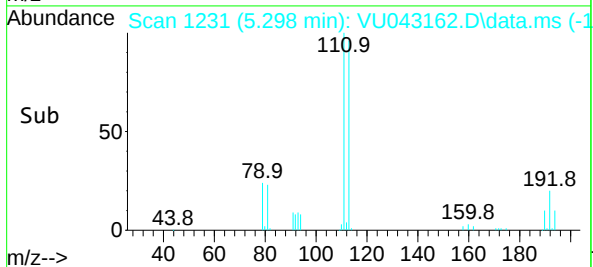
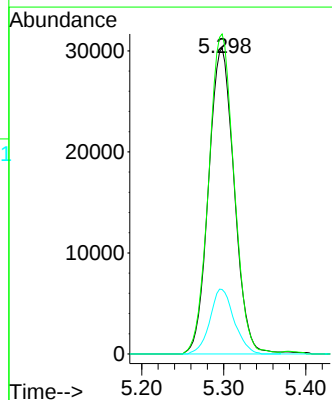
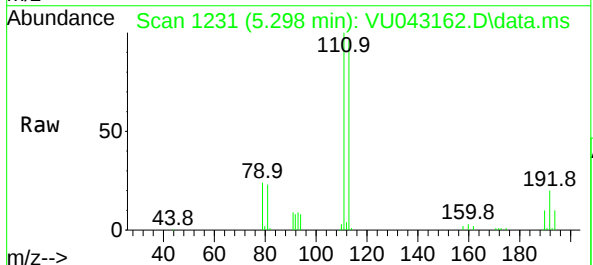
Instrument :
MSVOA_U
ClientSampleId :
TB-01-041521

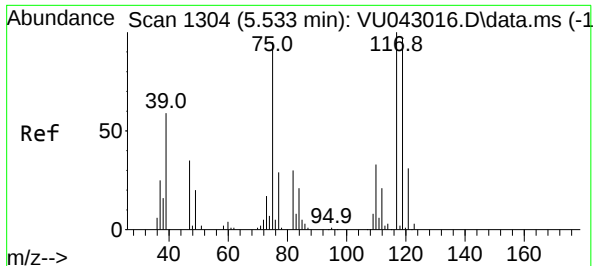
Tgt Ion:114	Resp:	183597
Ion Ratio	Lower	Upper
114	100	
63	24.2	0.0 44.2
88	16.0	0.0 33.4



#35
Dibromofluoromethane
Concen: 47.57 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

Tgt Ion:113	Resp:	65633
Ion Ratio	Lower	Upper
113	100	
111	103.9	81.8 122.8
192	20.0	17.2 25.8



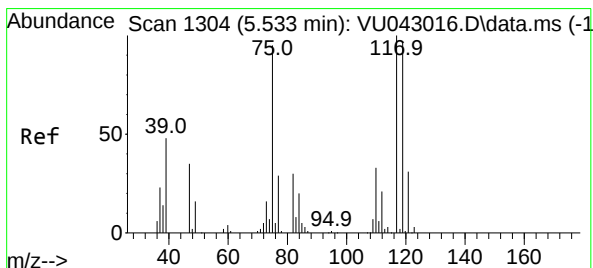
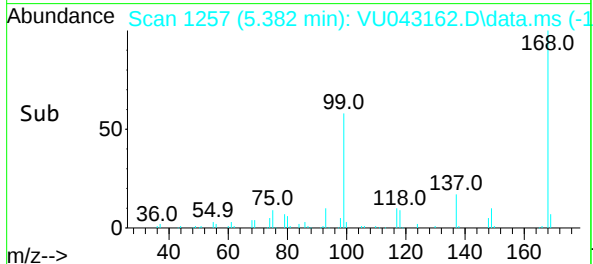
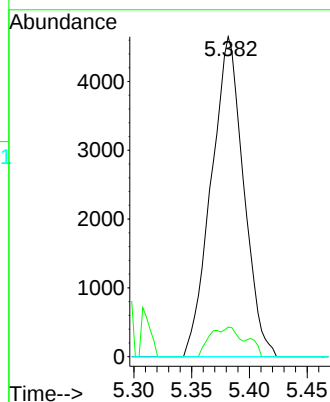
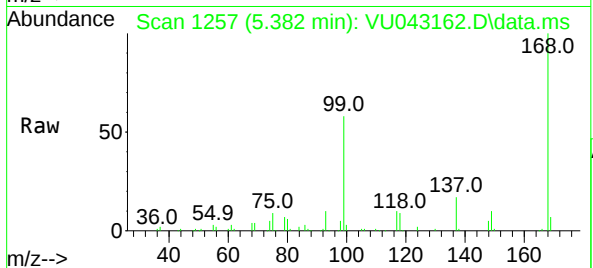


#36

1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

Instrument :
MSVOA_U
ClientSampleId :
TB-01-041521

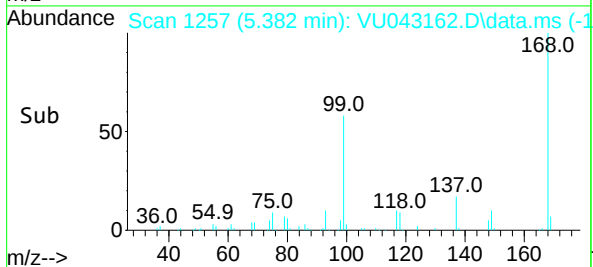
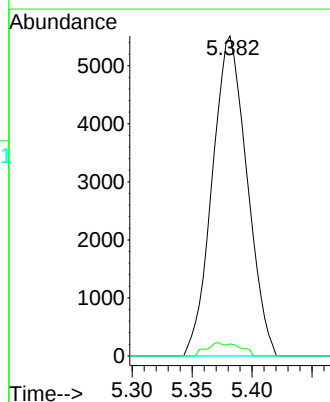
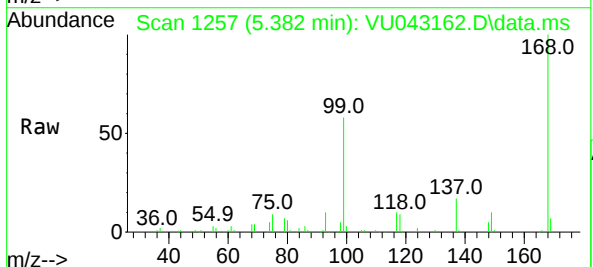
Tgt Ion: 75 Resp: 9046
Ion Ratio Lower Upper
75 100
110 8.2 16.8 50.3#
77 0.0 24.8 37.2#

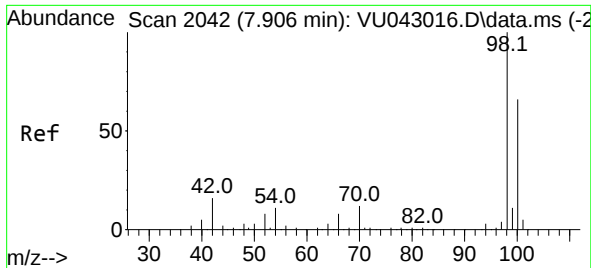


#38

Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

Tgt Ion: 117 Resp: 11077
Ion Ratio Lower Upper
117 100
119 3.8 75.5 113.3#
121 0.0 24.7 37.1#

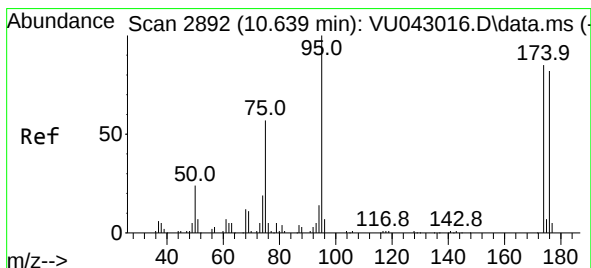
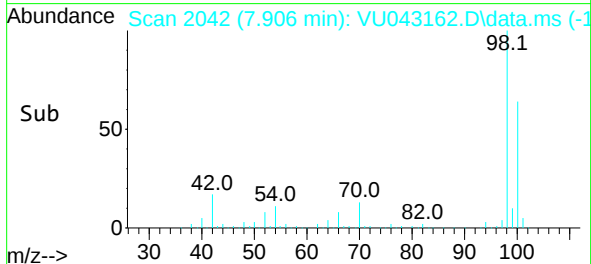
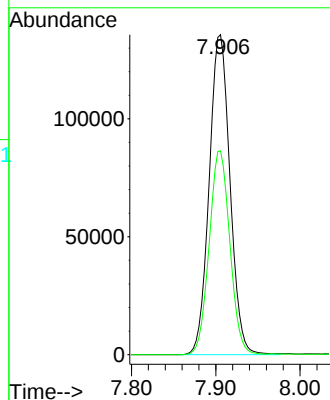
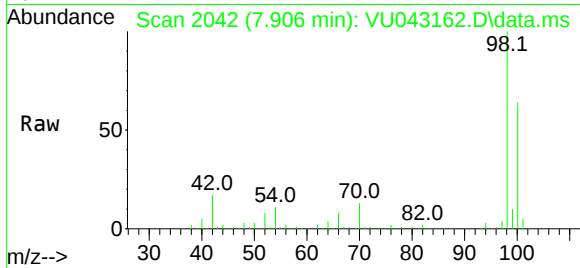




#50
Toluene-d8
Concen: 47.73 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

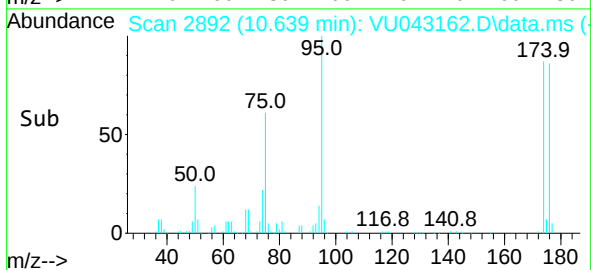
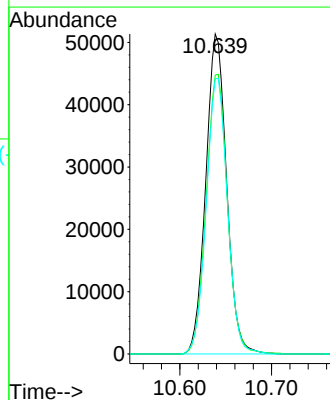
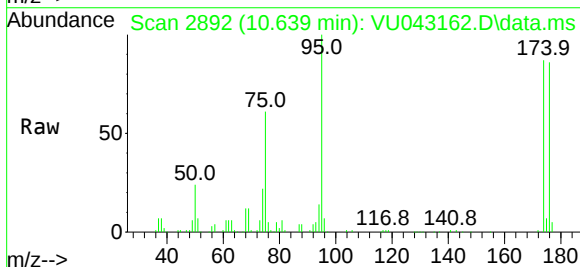
Instrument :
MSVOA_U
ClientSampleId :
TB-01-041521

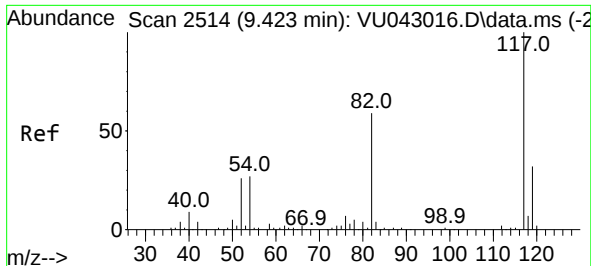
Tgt Ion: 98 Resp: 233022
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.47 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

Tgt Ion: 95 Resp: 81063
Ion Ratio Lower Upper
95 100
174 89.7 0.0 172.2
176 87.5 0.0 168.8

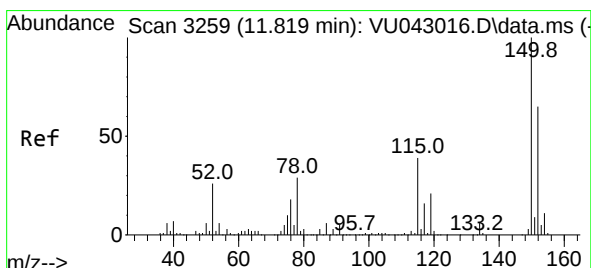
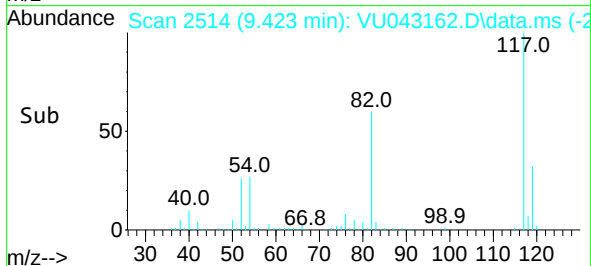
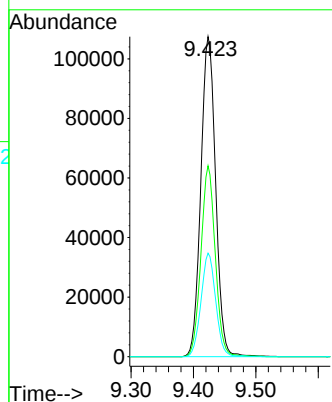
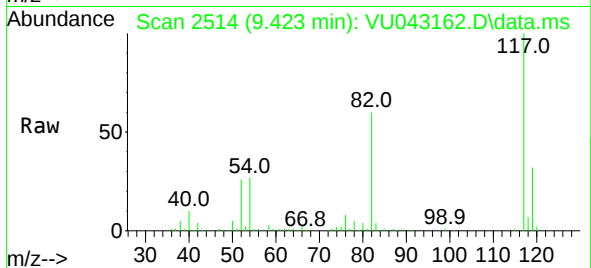




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

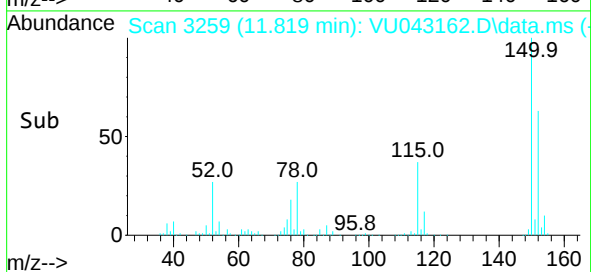
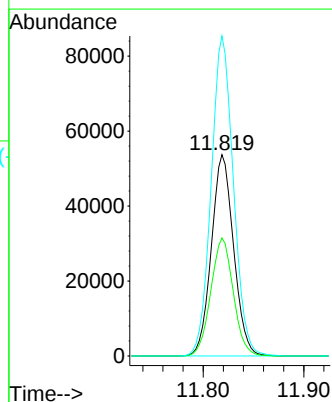
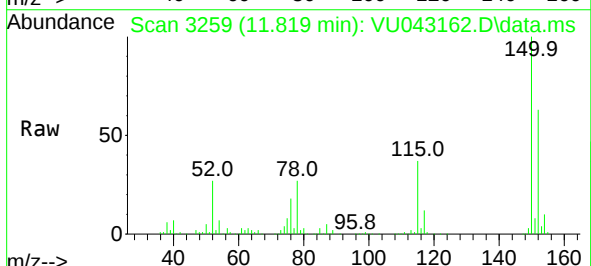
Instrument :
MSVOA_U
ClientSampleId :
TB-01-041521

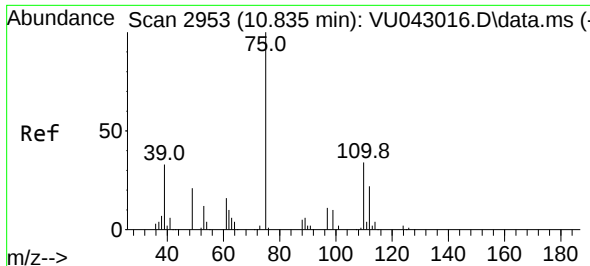
Tgt Ion:117 Resp: 177278
Ion Ratio Lower Upper
117 100
82 59.7 45.8 68.6
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

Tgt Ion:152 Resp: 82551
Ion Ratio Lower Upper
152 100
115 59.1 41.5 124.6
150 158.7 0.0 342.4

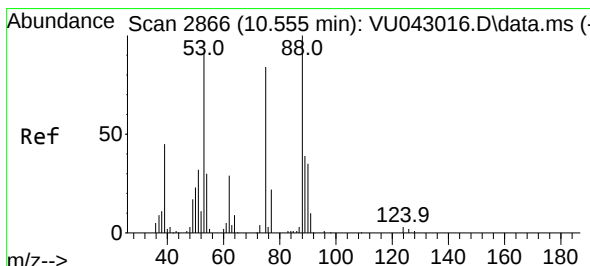
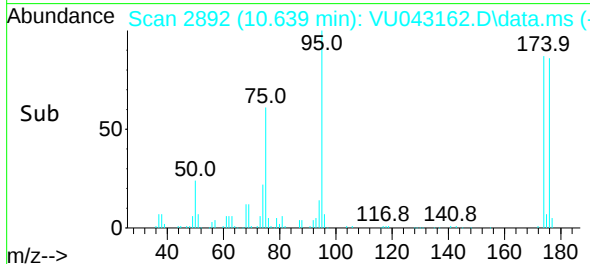
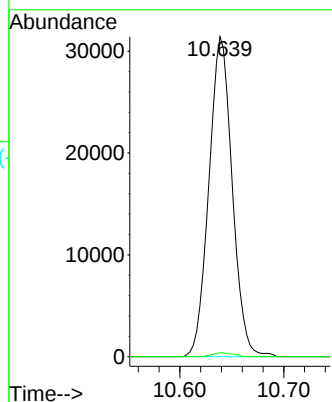
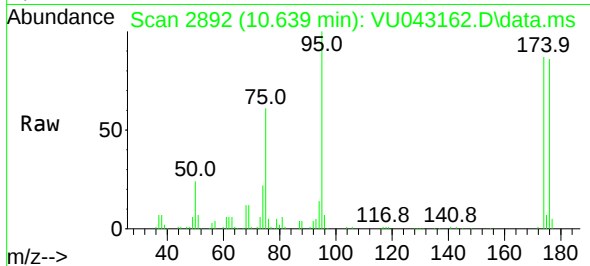




#76
1,2,3-Trichloropropane
Concen: 20.27 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

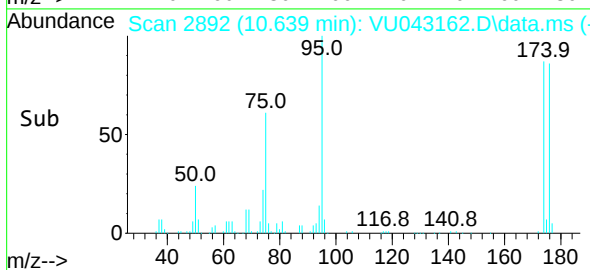
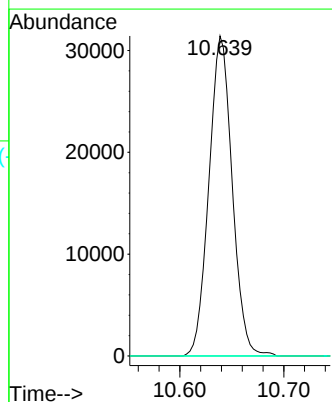
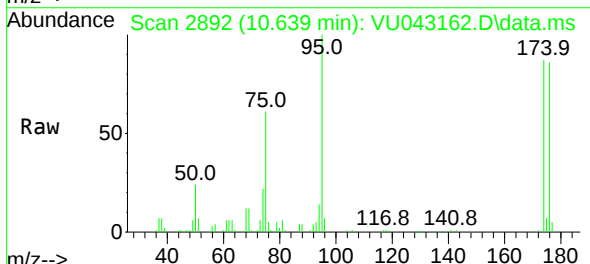
Instrument :
MSVOA_U
ClientSampleId :
TB-01-041521

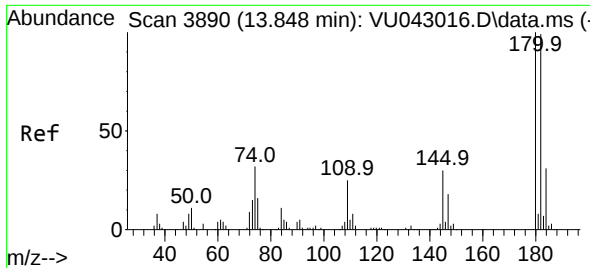
Tgt Ion: 75 Resp: 48903
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.57 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

Tgt Ion: 75 Resp: 48903
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

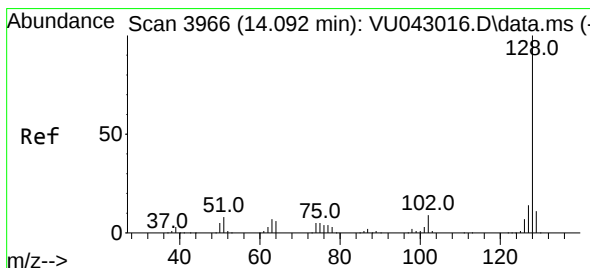
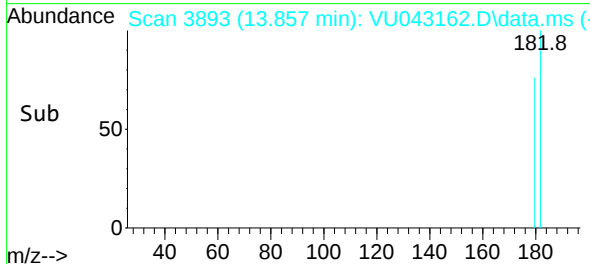
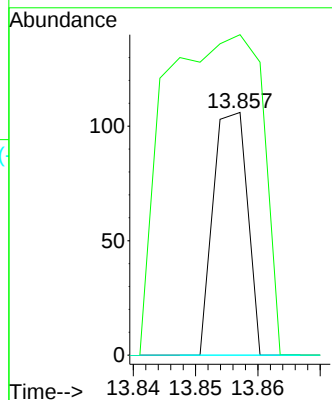
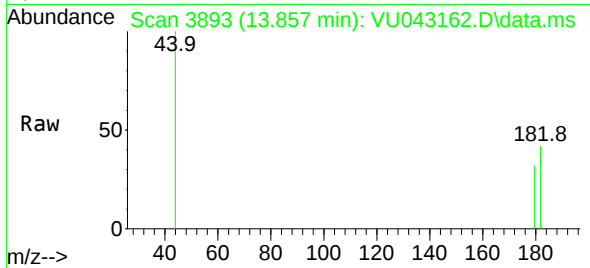




#93
1,2,4-Trichlorobenzene
Concen: 1.53 ug/l
RT: 13.857 min Scan# 3893
Delta R.T. 0.009 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

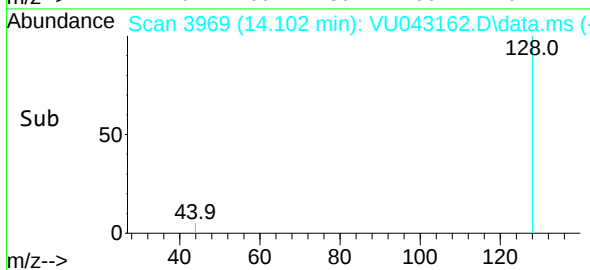
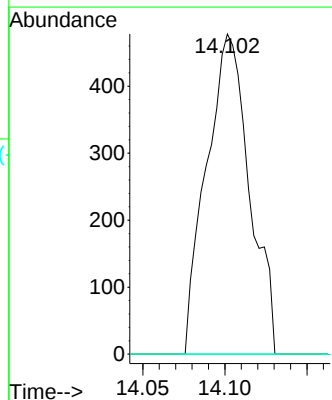
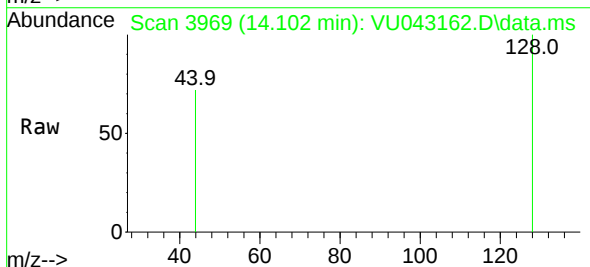
Instrument :
MSVOA_U
ClientSampleId :
TB-01-041521

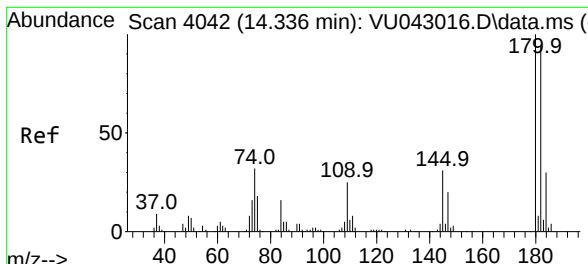
Tgt Ion:180 Resp: 40
Ion Ratio Lower Upper
180 100
182 377.5 46.9 140.8#
145 0.0 14.4 43.4#



#95
Naphthalene
Concen: 2.88 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.009 min
Lab File: VU043162.D
Acq: 16 Apr 2021 12:47

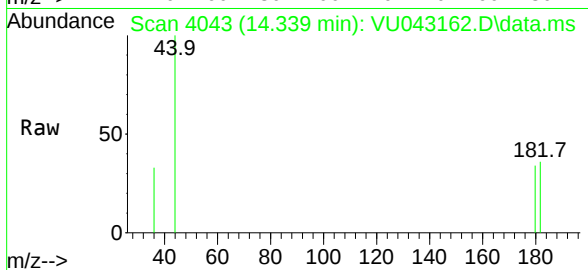
Tgt Ion:128 Resp: 870
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.53 ug/l
 RT: 14.339 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU043162.D
 Acq: 16 Apr 2021 12:47

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-041521



Tgt Ion:	180	Resp:	138
Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.0	144.0
145	0.0	15.5	46.5#

