

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043380.D
 Acq On : 28 Apr 2021 12:59
 Operator : SY/MD
 Sample : M2173-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 08:37:22 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)

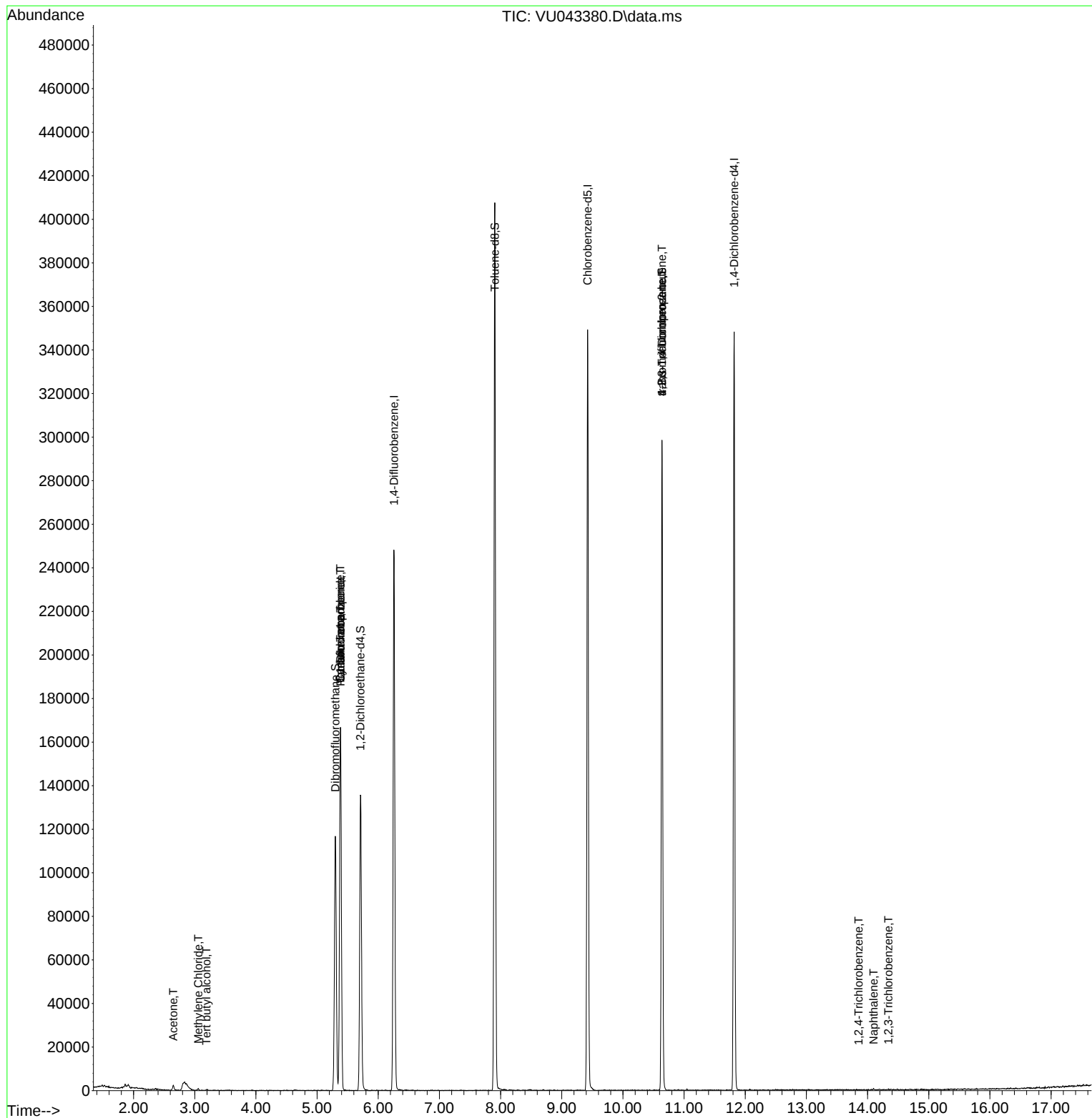
Internal Standards						
1) Pentafluorobenzene	5.385	168	110051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	184324	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	177810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	83022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	105734	57.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.30%	
35) Dibromofluoromethane	5.298	113	72352	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	7.906	98	247770	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	10.639	95	88200	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	694	Below Cal		92
6) Chloroethane	2.173	64	21	Below Cal	#	42
11) Tert butyl alcohol	3.192	59	231	0.48	ug/l #	94
16) Acetone	2.649	43	2766	2.24	ug/l	99
20) Methylene Chloride	3.057	84	351	0.27	ug/l #	79
31) Cyclohexane	5.382	56	2806	1.23	ug/l #	20
36) 1,1-Dichloropropene	5.382	75	9588	4.90	ug/l #	50
38) Carbon Tetrachloride	5.382	117	11543	5.51	ug/l #	17
76) 1,2,3-Trichloropropane	10.639	75	49467	20.39	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	49467	59.91	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.851	180	94	1.55	ug/l #	13
95) Naphthalene	14.099	128	641	2.84	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.340	180	40	1.48	ug/l #	31

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
Data File : VU043380.D
Acq On : 28 Apr 2021 12:59
Operator : SY/MD
Sample : M2173-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 29 08:37:22 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

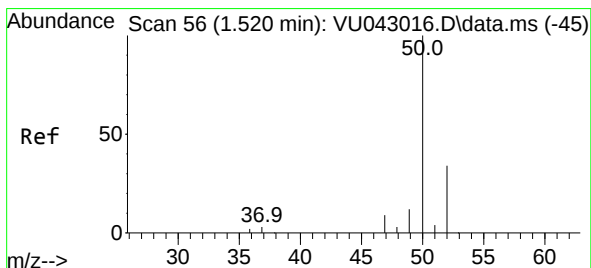
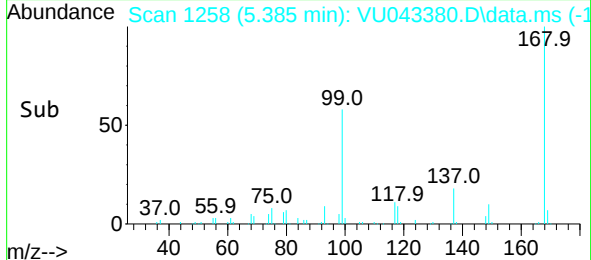
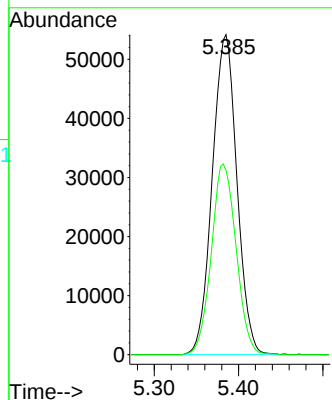
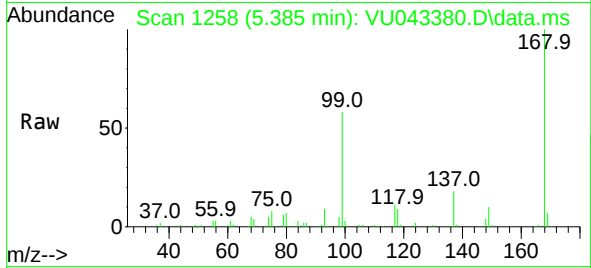




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

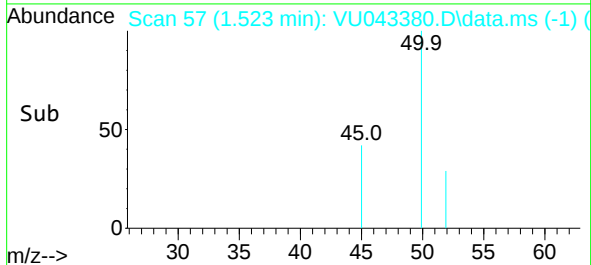
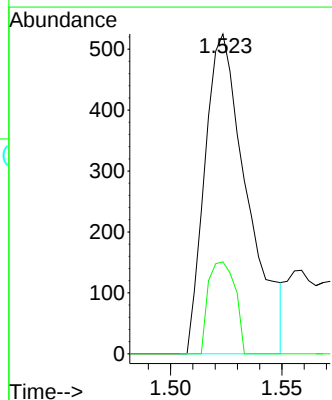
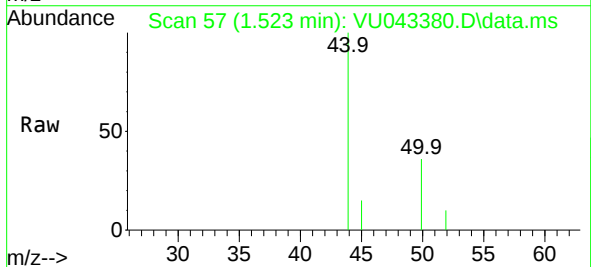
Instrument :
MSVOA_U
ClientSampled :

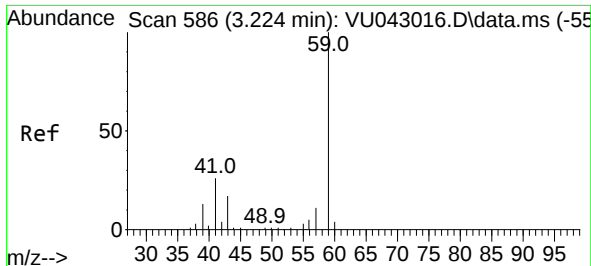
Tgt Ion:168 Resp: 110051
Ion Ratio Lower Upper
168 100
99 57.7 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

Tgt Ion: 50 Resp: 694
Ion Ratio Lower Upper
50 100
52 28.8 26.6 40.0



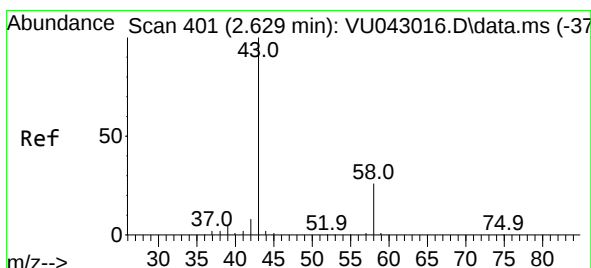
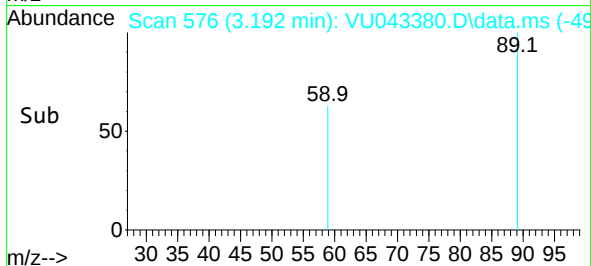
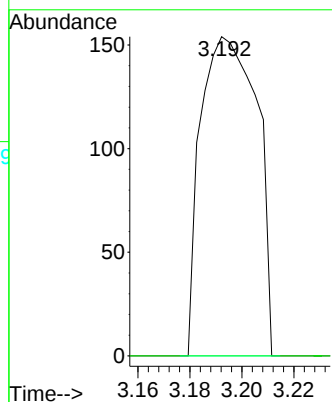
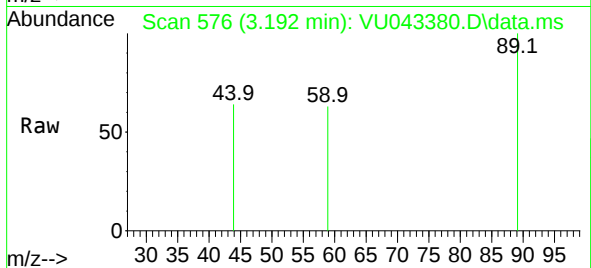


#11

Tert butyl alcohol
Concen: 0.48 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

Instrument :
MSVOA_U
ClientSampled :

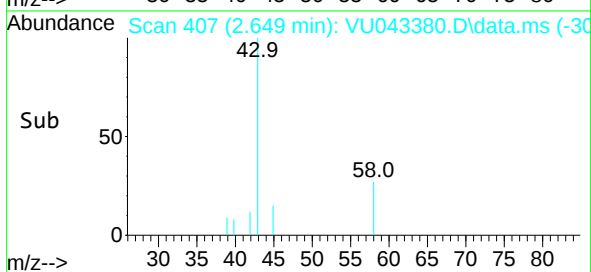
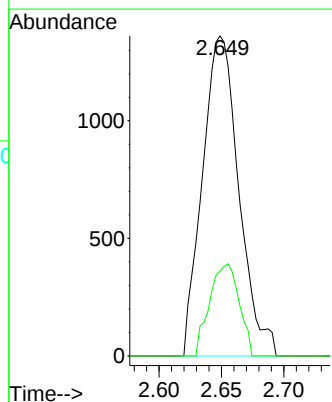
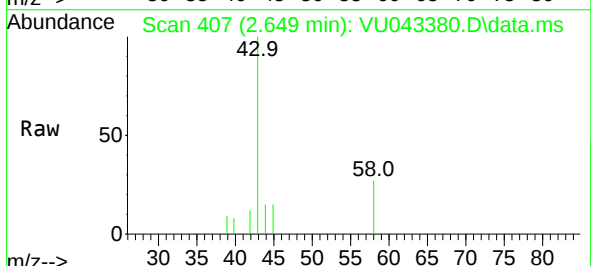
Tgt Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

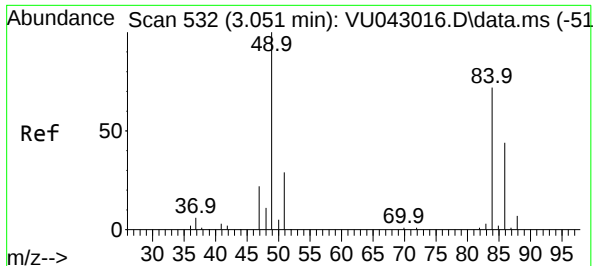


#16

Acetone
Concen: 2.24 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.020 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

Tgt Ion: 43 Resp: 2766
Ion Ratio Lower Upper
43 100
58 26.6 21.5 32.3





#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 3.057 min Scan# 534

Delta R.T. 0.006 min

Lab File: VU043380.D

Acq: 28 Apr 2021 12:59

Tgt Ion: 84 Resp: 351

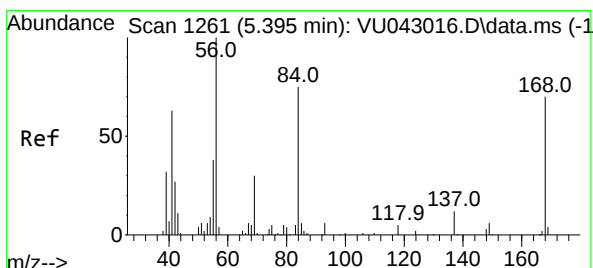
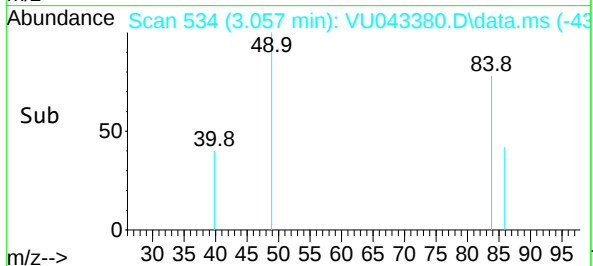
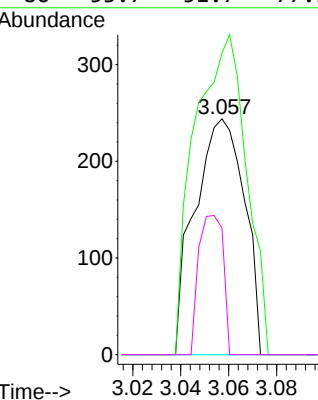
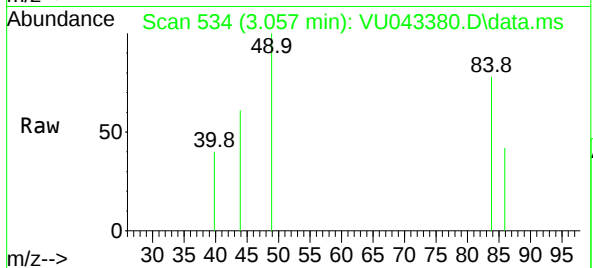
Ion Ratio Lower Upper

84 100

49 127.9 112.6 169.0

51 0.0 33.7 50.5#

86 53.7 51.7 77.5



#31

Cyclohexane

Concen: 1.23 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU043380.D

Acq: 28 Apr 2021 12:59

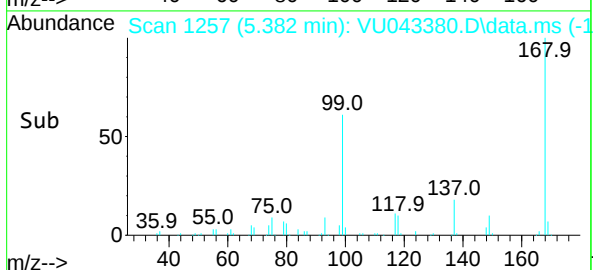
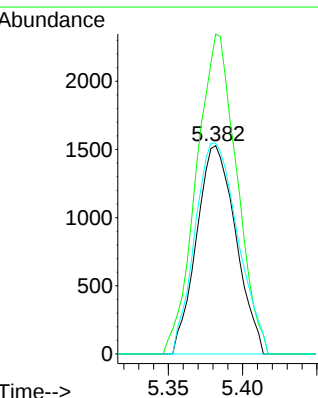
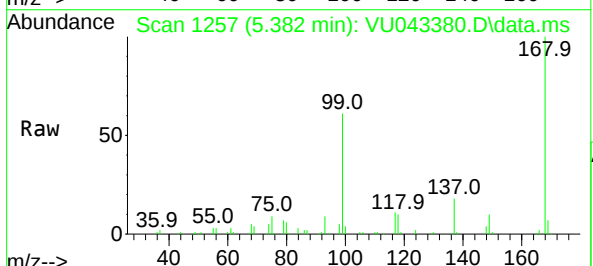
Tgt Ion: 56 Resp: 2806

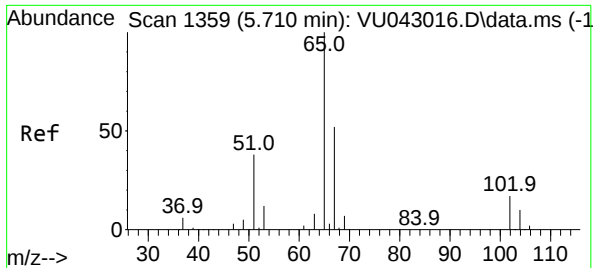
Ion Ratio Lower Upper

56 100

69 153.6 24.9 37.3#

84 101.1 63.7 95.5#

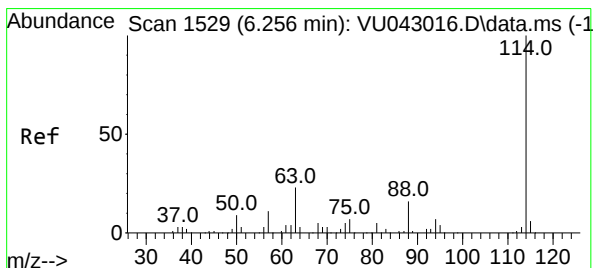
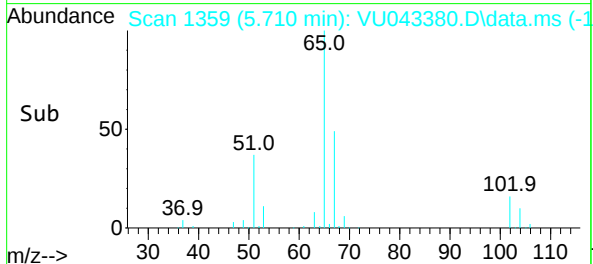
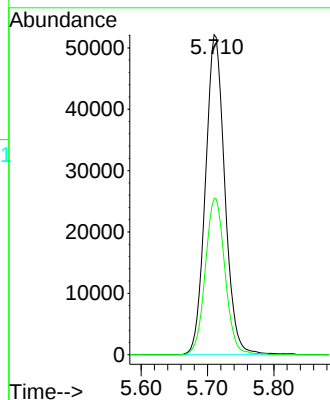
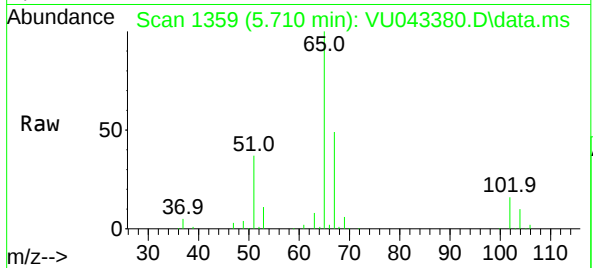




#33
1,2-Dichloroethane-d4
Concen: 57.15 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

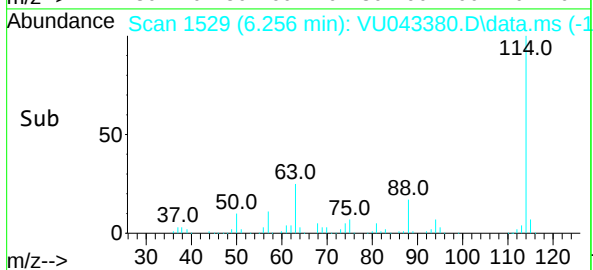
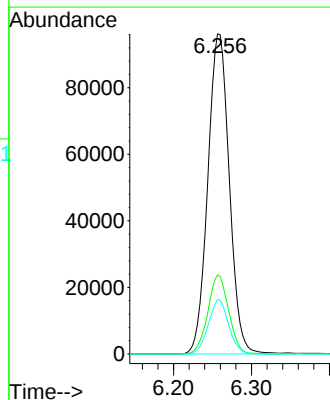
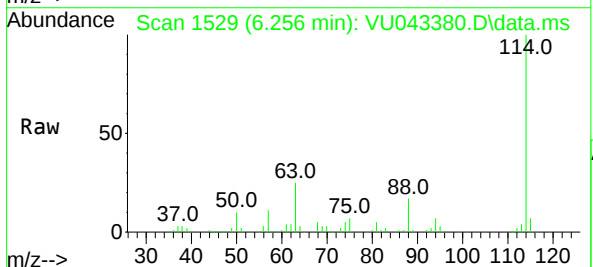
Instrument :
MSVOA_U
ClientSampled :

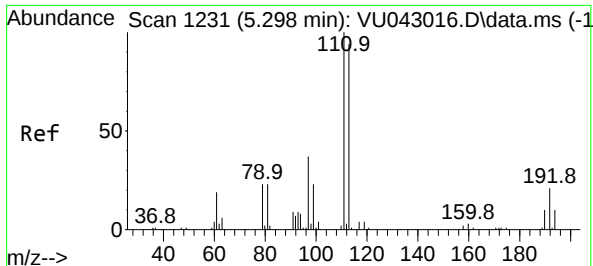
Tgt Ion: 65 Resp: 105734
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

Tgt Ion: 114 Resp: 184324
Ion Ratio Lower Upper
114 100
63 24.7 0.0 44.2
88 16.9 0.0 33.4

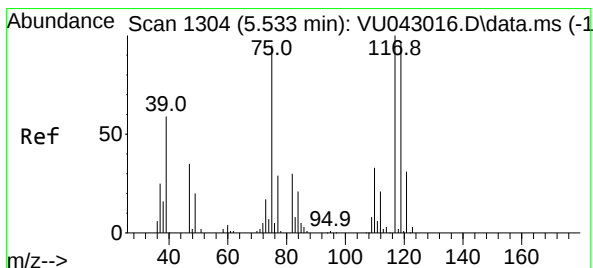
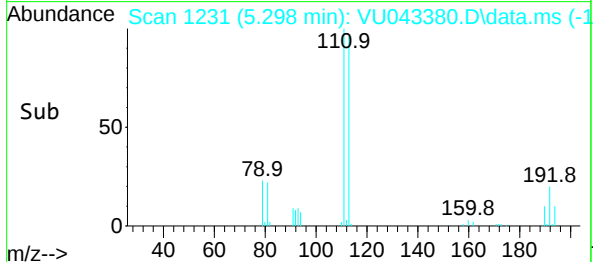
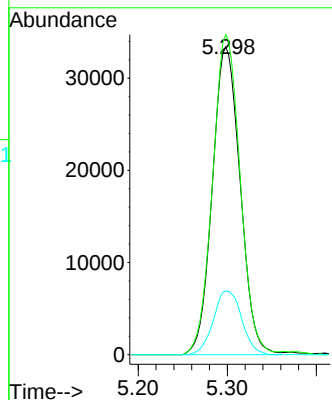
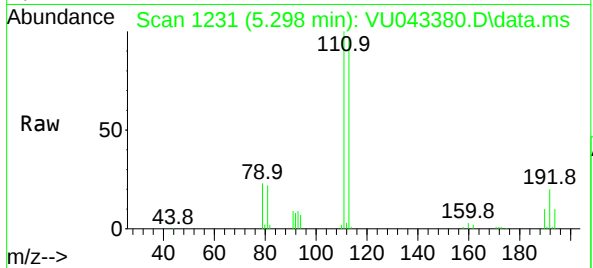




#35
Dibromofluoromethane
Concen: 52.24 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

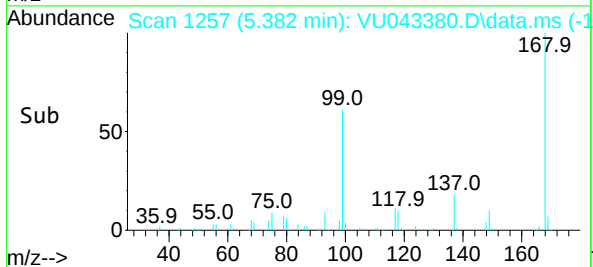
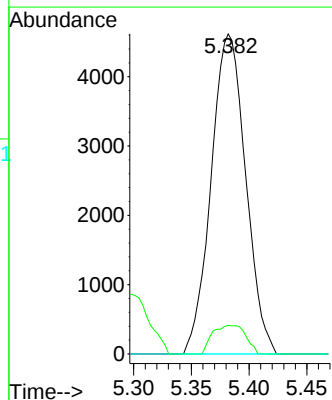
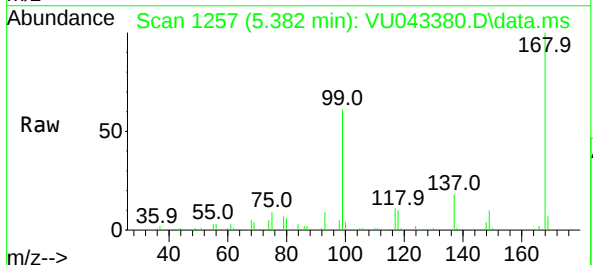
Instrument :
MSVOA_U
ClientSampleId :

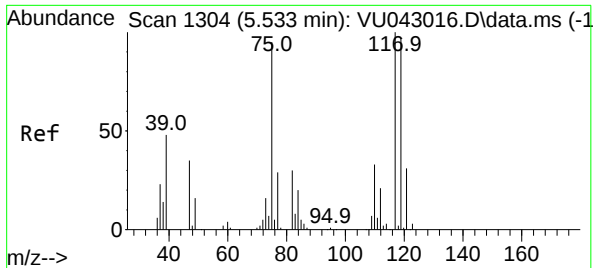
Tgt Ion:113 Resp: 72352
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 21.1 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

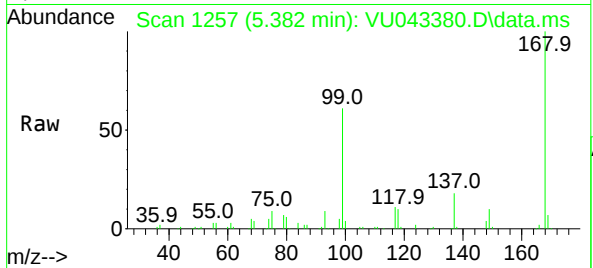
Tgt Ion: 75 Resp: 9588
Ion Ratio Lower Upper
75 100
110 8.6 16.8 50.3#
77 0.0 24.8 37.2#



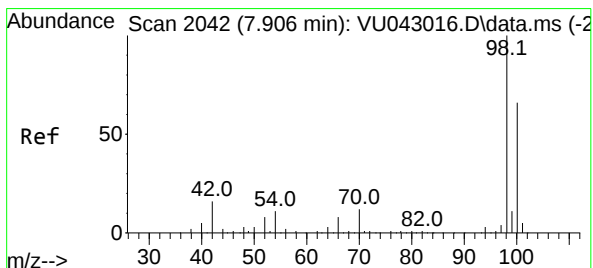
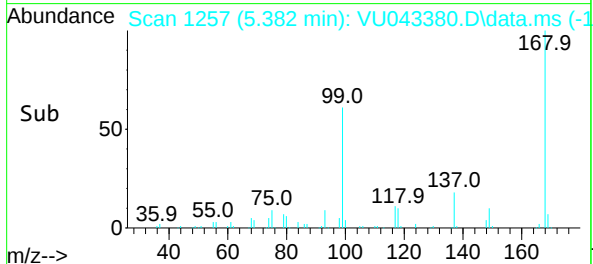
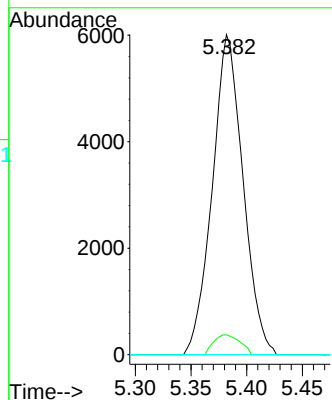


#38
Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

Instrument :
MSVOA_U
ClientSampled :

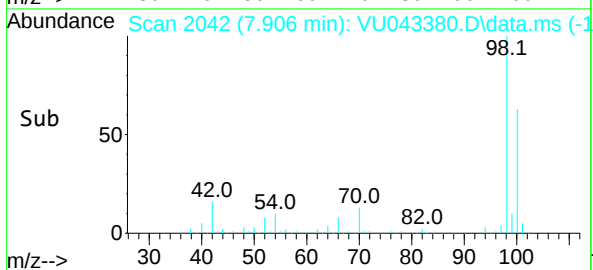
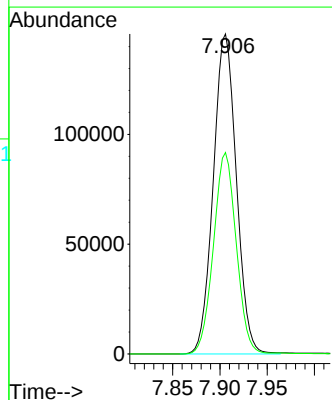
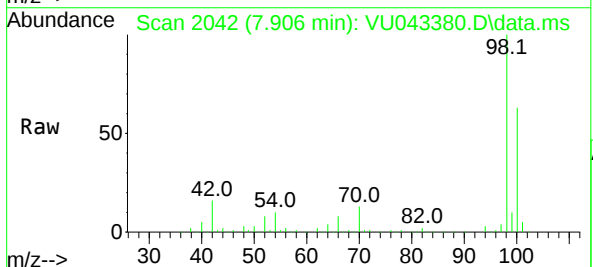


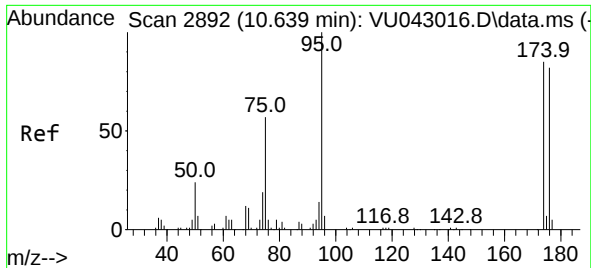
Tgt Ion:117 Resp: 11543
Ion Ratio Lower Upper
117 100
119 6.2 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.55 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

Tgt Ion: 98 Resp: 247770
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.2

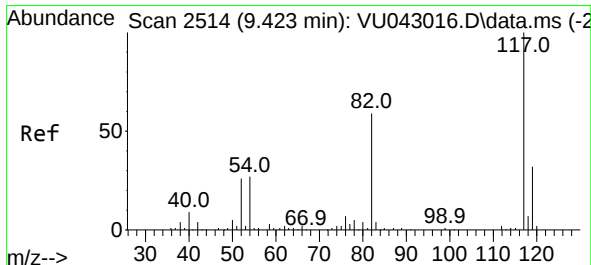
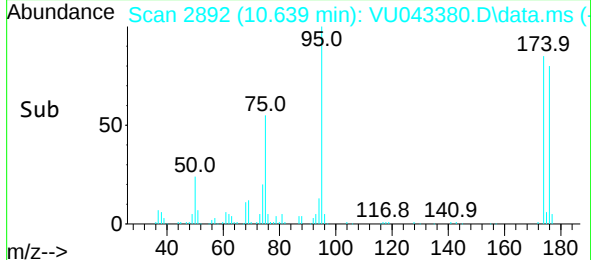
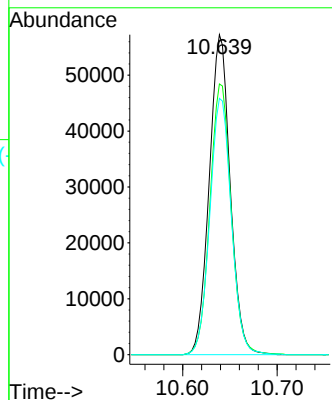
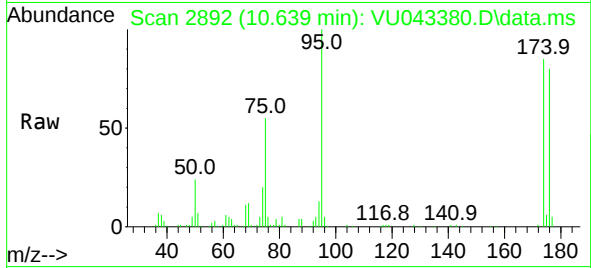




#62
4-Bromofluorobenzene
Concen: 44.94 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

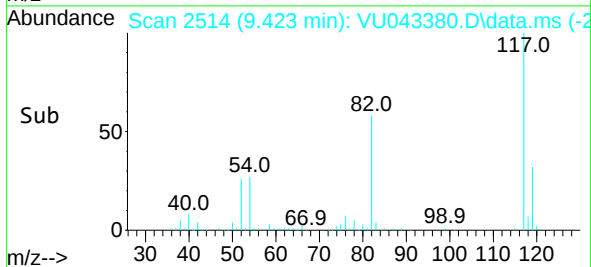
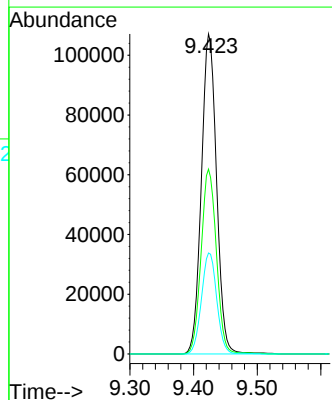
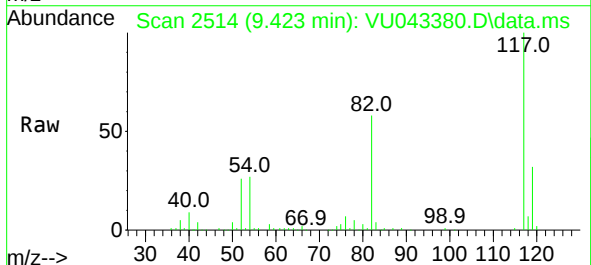
Instrument :
MSVOA_U
ClientSampleId :

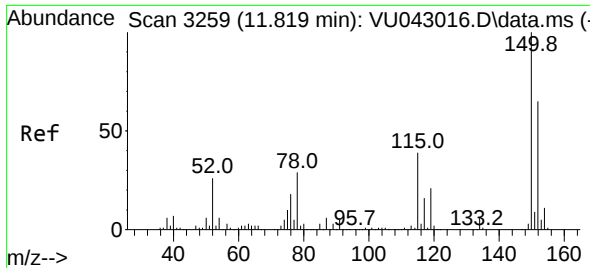
Tgt Ion: 95 Resp: 88200
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.2
176 82.2 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

Tgt Ion: 117 Resp: 177810
Ion Ratio Lower Upper
117 100
82 57.7 45.8 68.6
119 31.5 25.8 38.8

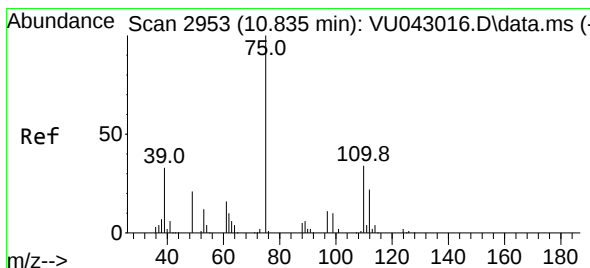
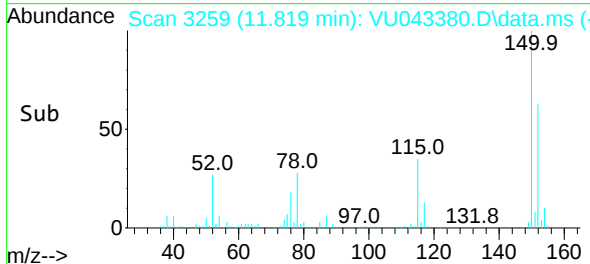
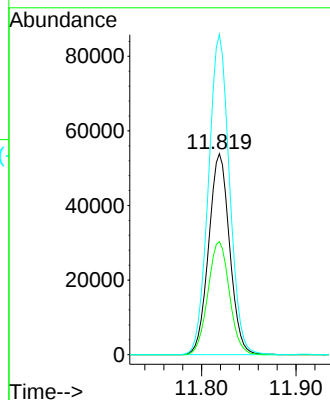
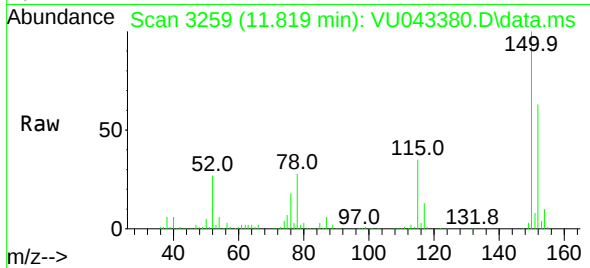




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043380.D
 Acq: 28 Apr 2021 12:59

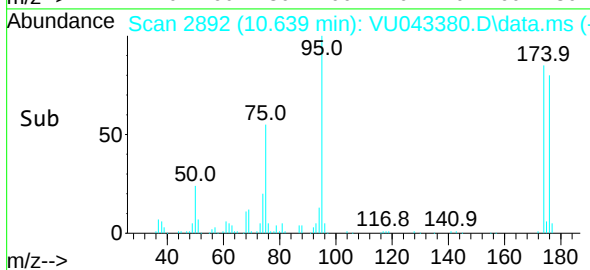
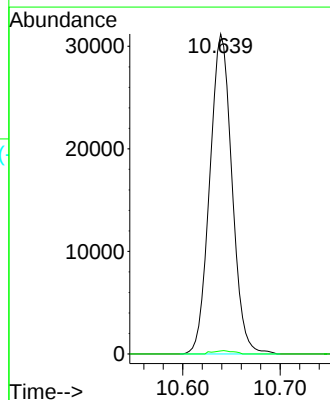
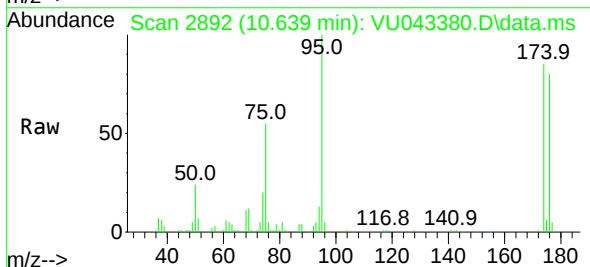
Instrument :
 MSVOA_U
 ClientSampled :

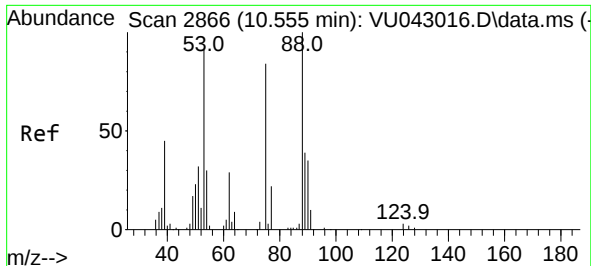
Tgt Ion:152 Resp: 83022
 Ion Ratio Lower Upper
 152 100
 115 57.6 41.5 124.6
 150 159.8 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.39 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043380.D
 Acq: 28 Apr 2021 12:59

Tgt Ion: 75 Resp: 49467
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.2 60.5#

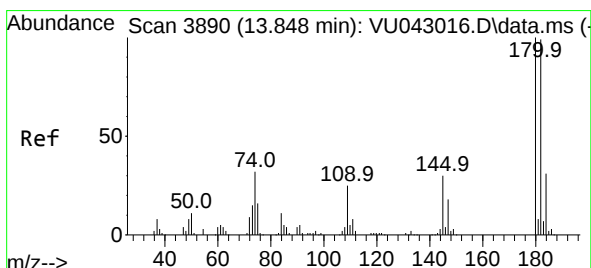
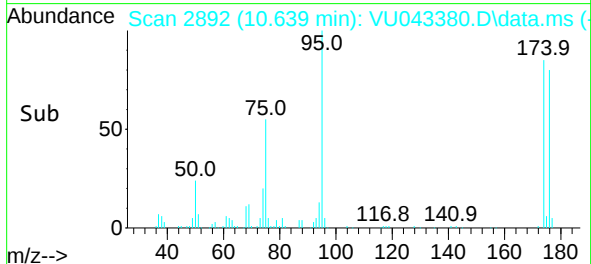
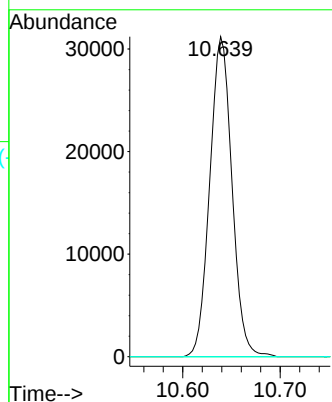
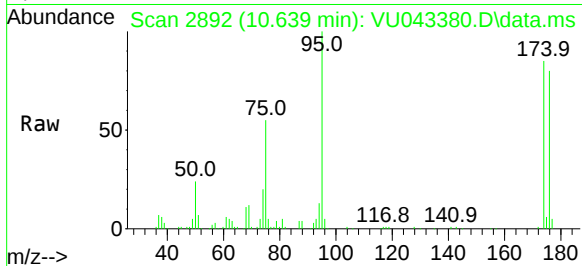




#81
trans-1,4-Dichloro-2-butene
Concen: 59.91 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

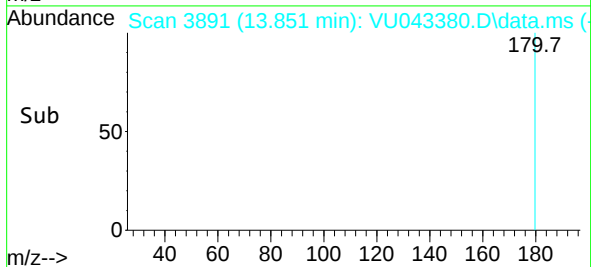
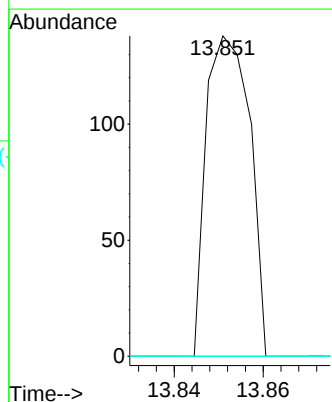
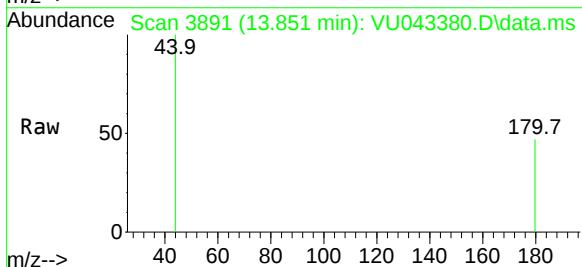
Instrument :
MSVOA_U
ClientSampled :

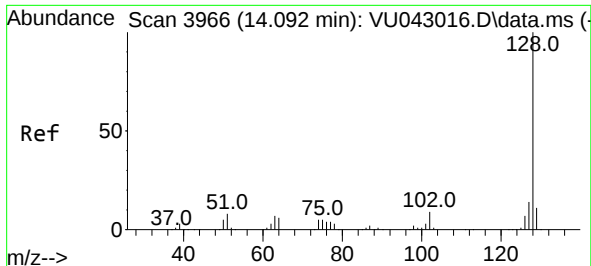
Tgt Ion: 75 Resp: 49467
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.55 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

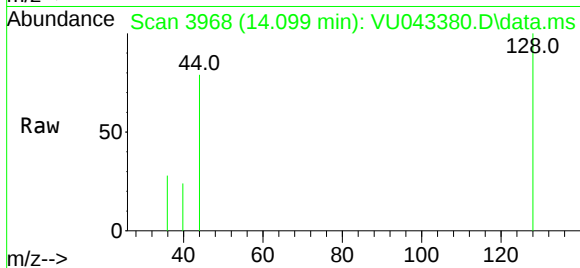
Tgt Ion:180 Resp: 94
Ion Ratio Lower Upper
180 100
182 0.0 46.9 140.8#
145 0.0 14.4 43.4#



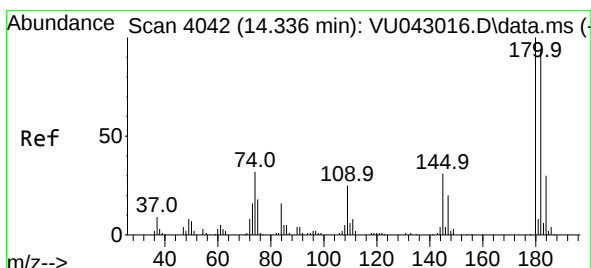
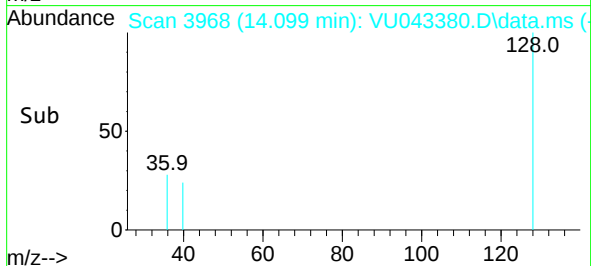
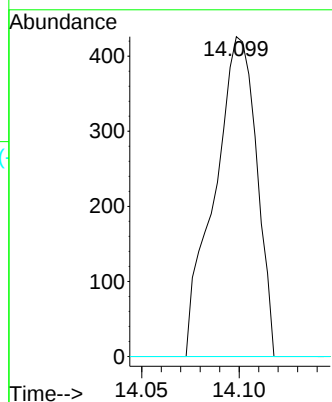


#95
Naphthalene
Concen: 2.84 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.007 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59

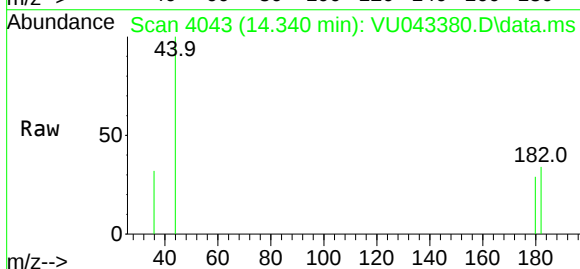
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 641
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: 1.48 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. 0.004 min
Lab File: VU043380.D
Acq: 28 Apr 2021 12:59



Tgt Ion:180 Resp: 40
Ion Ratio Lower Upper
180 100
182 167.5 48.0 144.0#
145 0.0 15.5 46.5#

