

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043077.D
 Acq On : 14 Apr 2021 01:47
 Operator : SY/MD
 Sample : M1966-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 14 05:10:56 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)

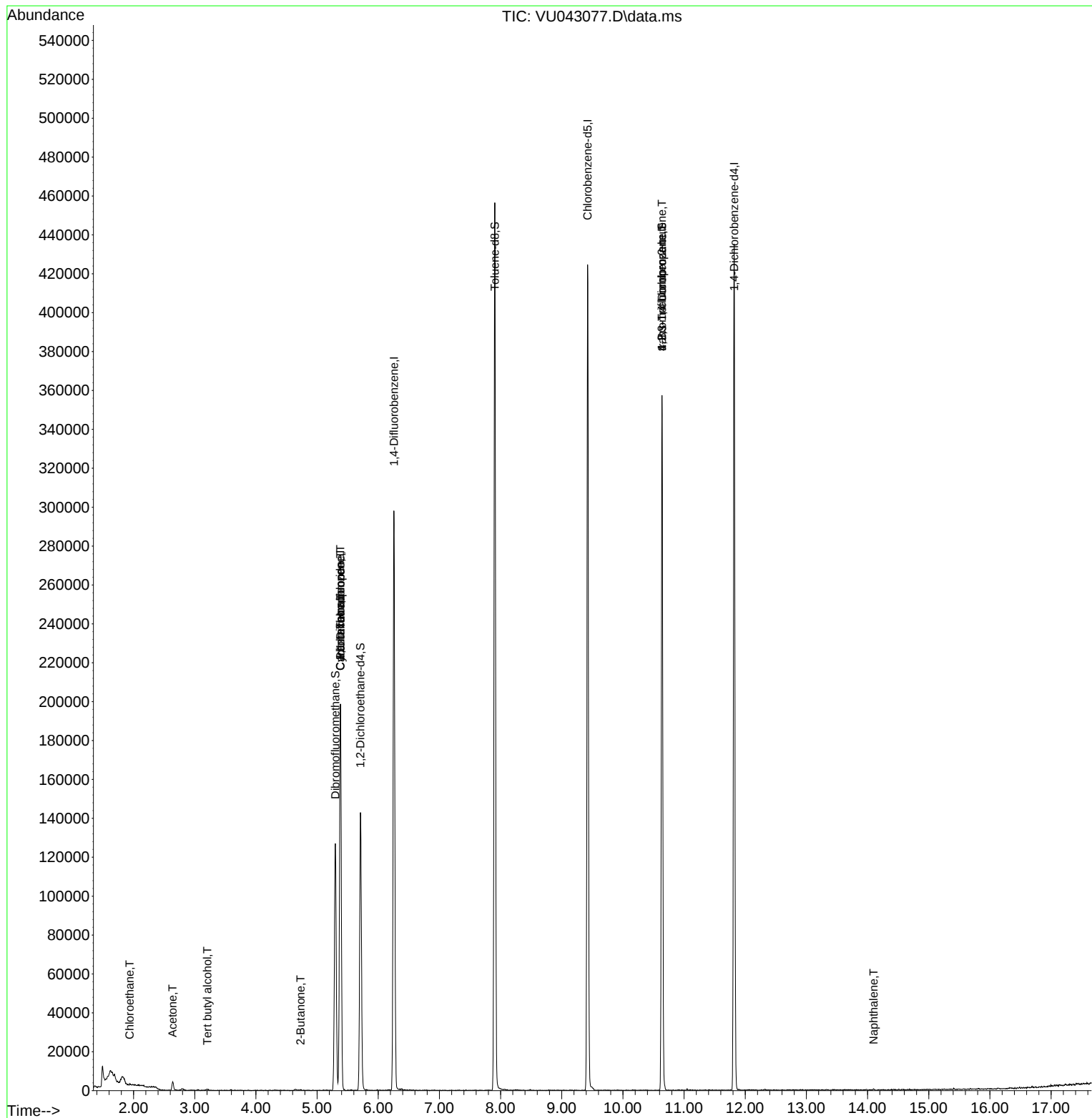
Internal Standards						
1) Pentafluorobenzene	5.382	168	135732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	221442	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	209380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	106382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	110294	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	5.298	113	77232	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	7.906	98	281902	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	10.639	95	104669	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	372	Below Cal	#	81
6) Chloroethane	1.938	64	312	0.26 ug/l	#	42
11) Tert butyl alcohol	3.205	59	749	1.27 ug/l	#	94
16) Acetone	2.639	43	5669	3.92 ug/l	#	97
25) 2-Butanone	4.729	43	468	0.23 ug/l	#	54
31) Cyclohexane	5.378	56	3539	1.26 ug/l	#	26
36) 1,1-Dichloropropene	5.382	75	11181	4.76 ug/l	#	50
38) Carbon Tetrachloride	5.378	117	13364	5.31 ug/l	#	17
76) 1,2,3-Trichloropropane	10.639	75	60080	19.33 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	60080	56.79 ug/l	#	7
95) Naphthalene	14.098	128	441	2.79 ug/l	#	69

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

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Response via : Initial Calibration

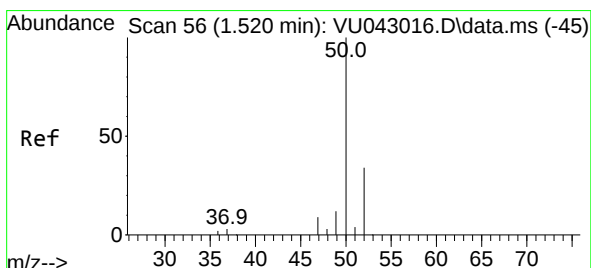
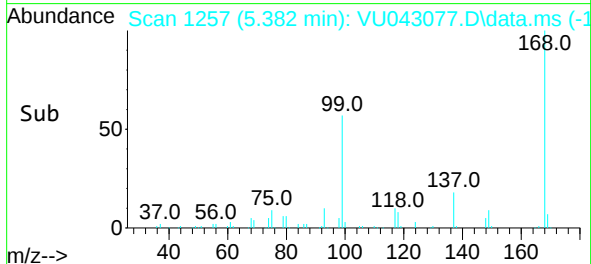
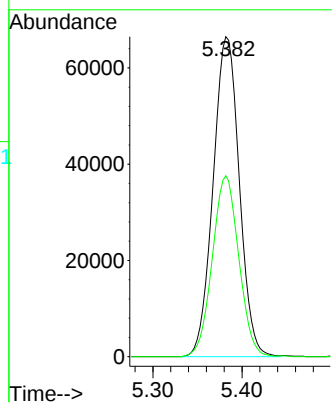
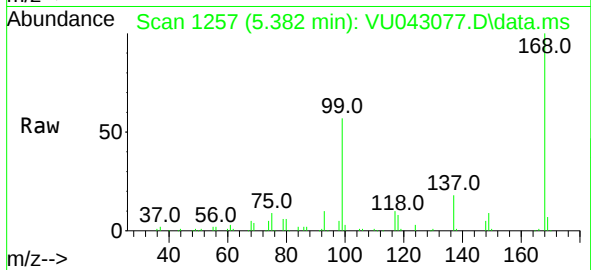




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

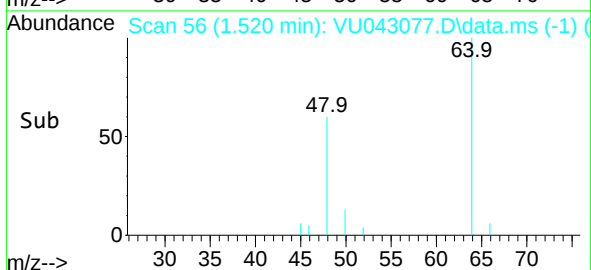
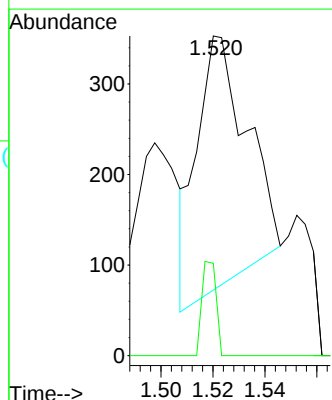
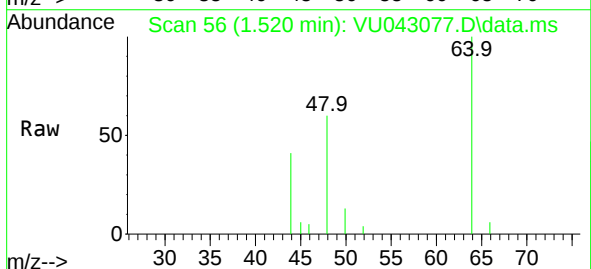
Instrument :
MSVOA_U
ClientSampled :

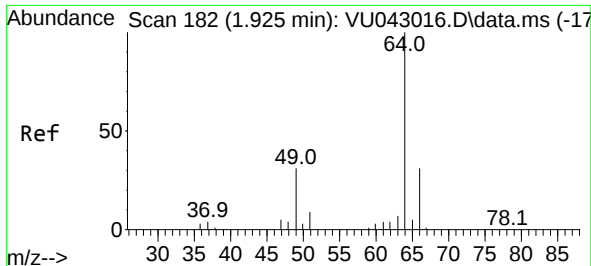
Tgt Ion:168 Resp: 135732
Ion Ratio Lower Upper
168 100
99 56.6 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 44.0 26.6 40.0#

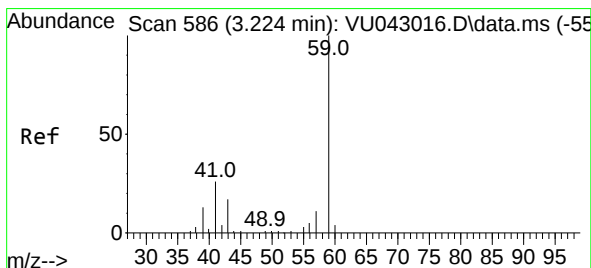
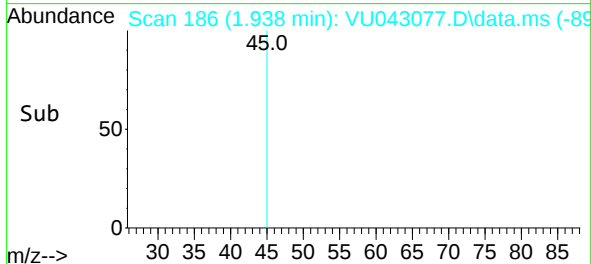
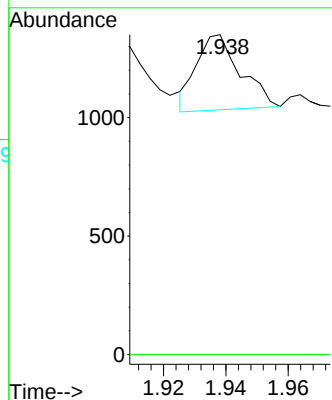
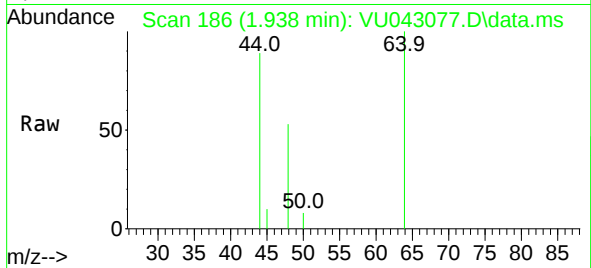




#6
Chloroethane
Concen: 0.26 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.013 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

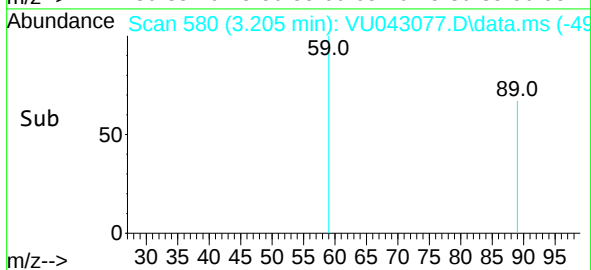
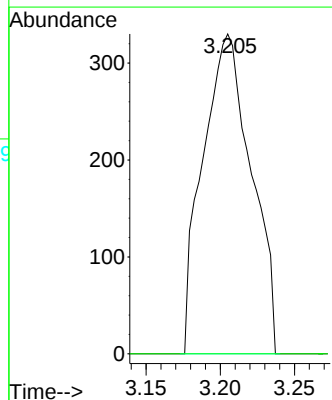
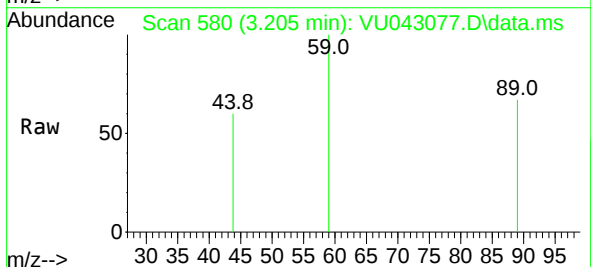
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 64 Resp: 312
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 1.27 ug/l
RT: 3.205 min Scan# 580
Delta R.T. -0.019 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

Tgt Ion: 59 Resp: 749
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

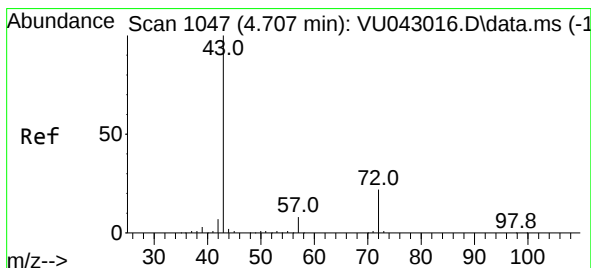
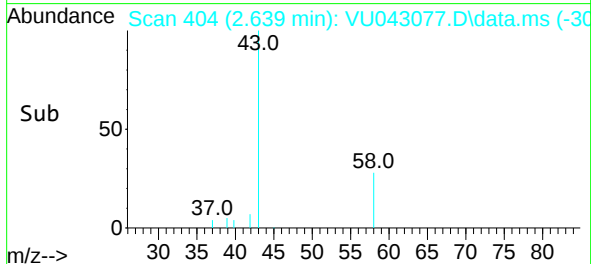
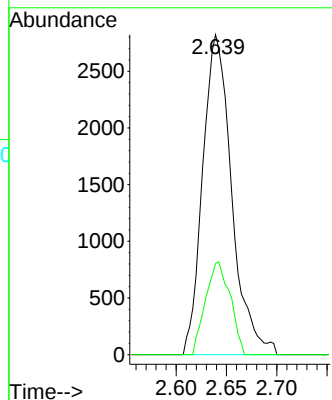
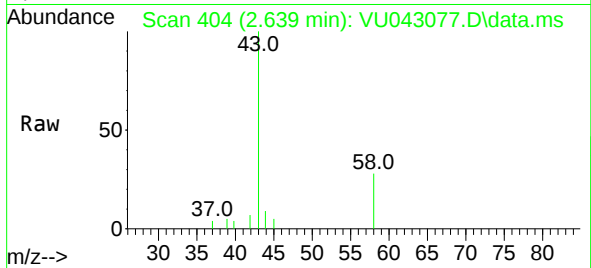




#16
Acetone
Concen: 3.92 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

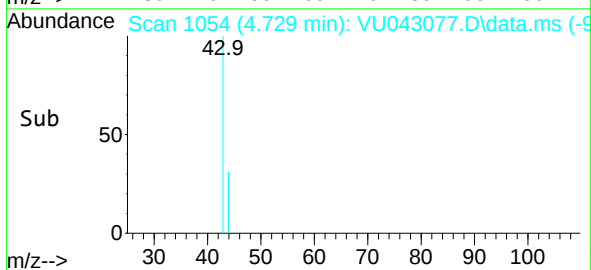
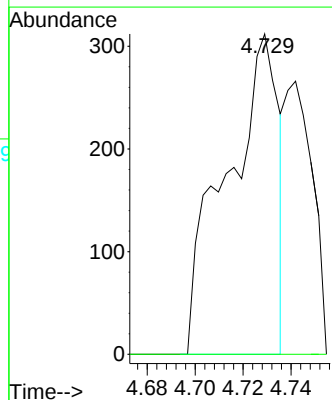
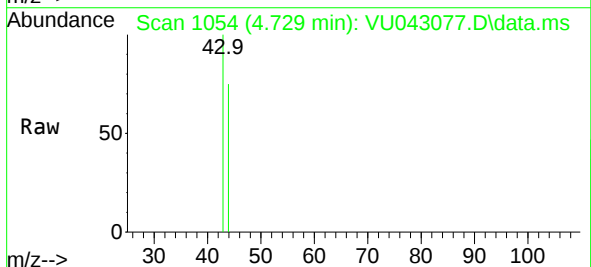
Instrument :
MSVOA_U
ClientSampled :

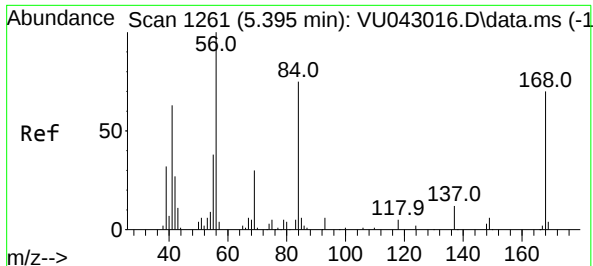
Tgt Ion: 43 Resp: 5669
Ion Ratio Lower Upper
43 100
58 28.5 21.5 32.3



#25
2-Butanone
Concen: 0.23 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.022 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

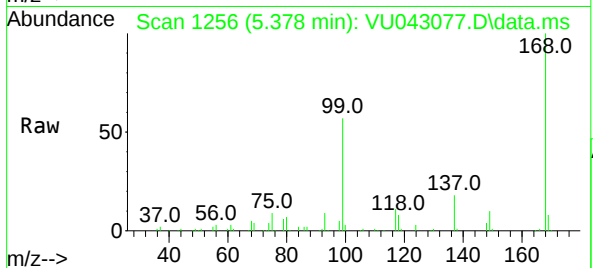
Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
72 0.0 17.4 26.0#



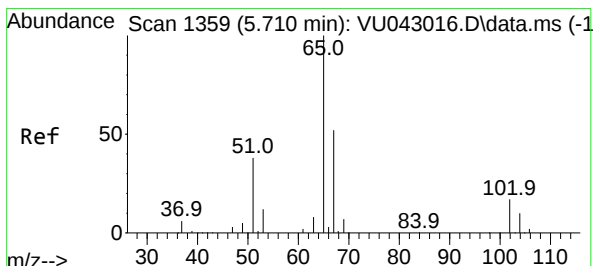
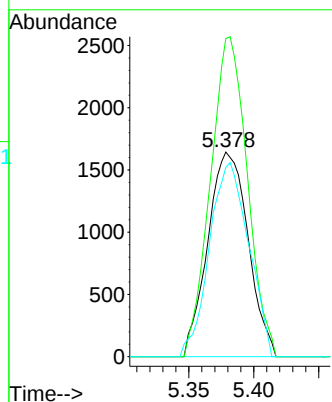
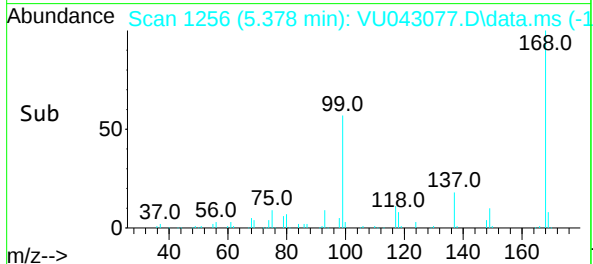


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

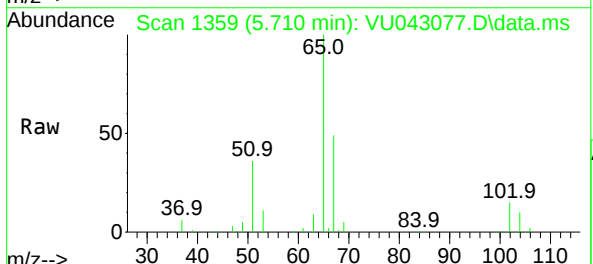
Instrument :
MSVOA_U
ClientSampleId :



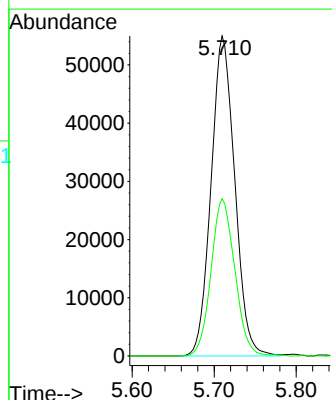
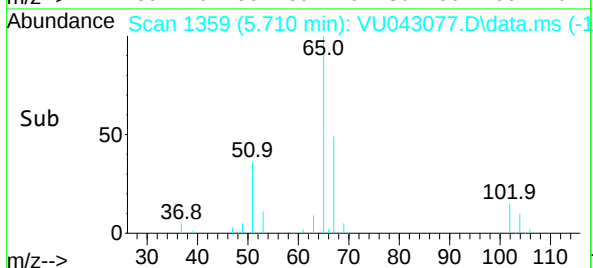
Tgt Ion: 56 Resp: 3539
Ion Ratio Lower Upper
56 100
69 155.5 24.9 37.3#
84 92.4 63.7 95.5

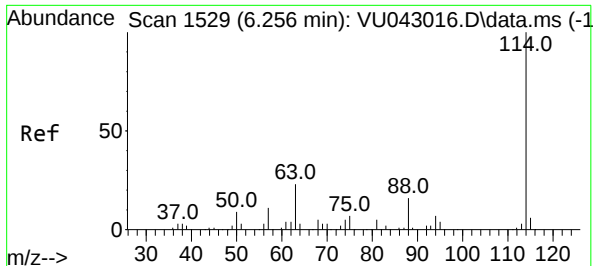


#33
1,2-Dichloroethane-d4
Concen: 48.34 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47



Tgt Ion: 65 Resp: 110294
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.8

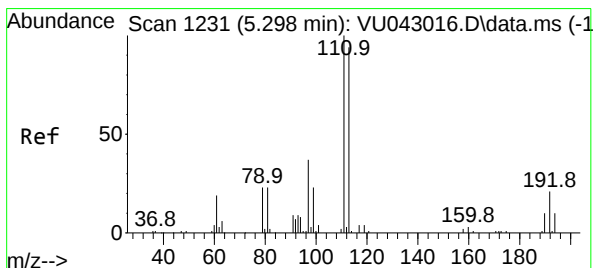
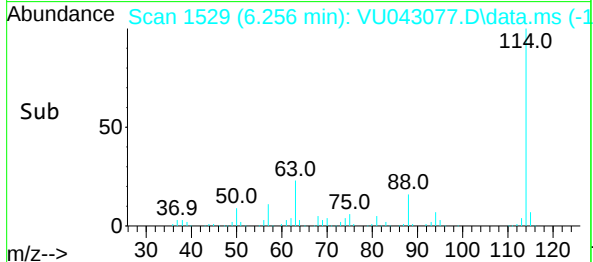
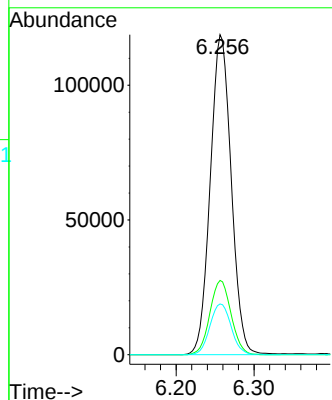
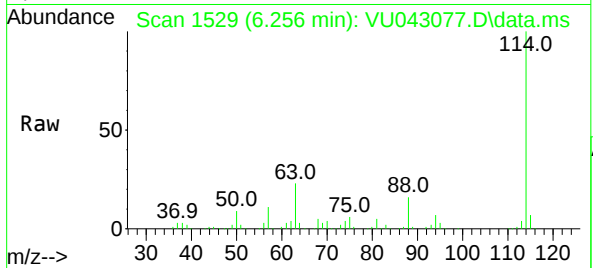




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

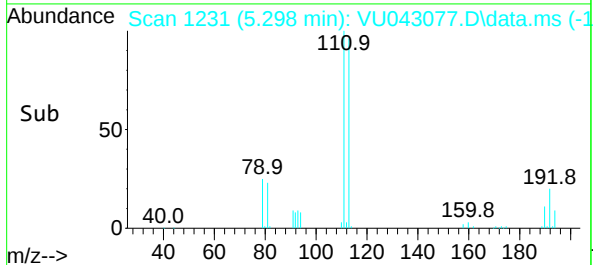
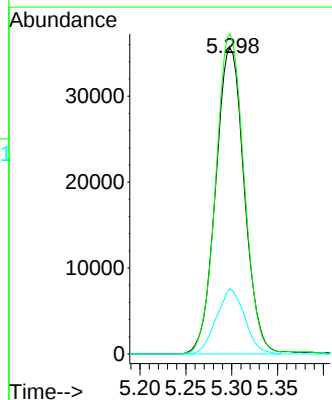
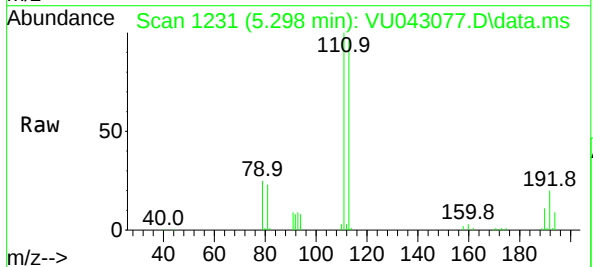
Instrument :
MSVOA_U
ClientSampleId :

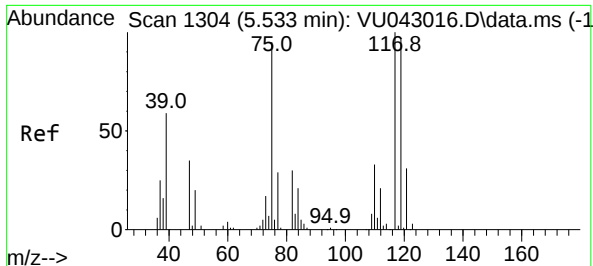
Tgt Ion:114 Resp: 221442
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.2
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.41 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

Tgt Ion:113 Resp: 77232
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.8
192 21.0 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.76 ug/l

RT: 5.382 min Scan# 1257

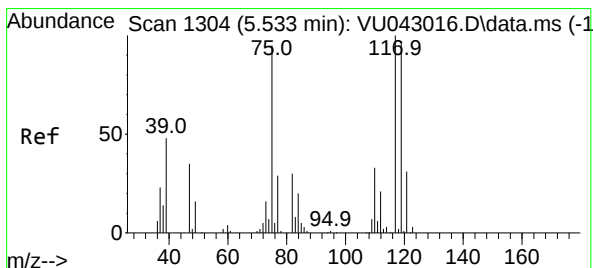
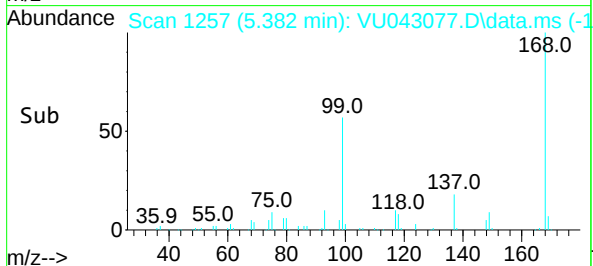
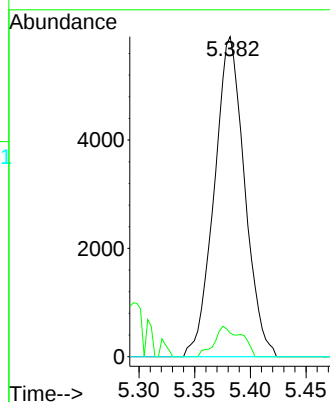
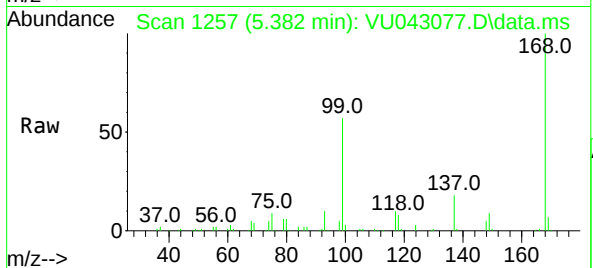
Delta R.T. -0.151 min

Lab File: VU043077.D

Acq: 14 Apr 2021 01:47

Tgt Ion:	75	Resp:	11181
Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.31 ug/l

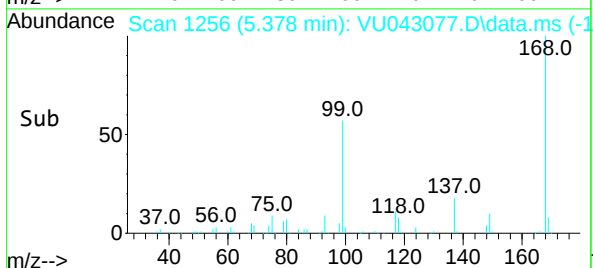
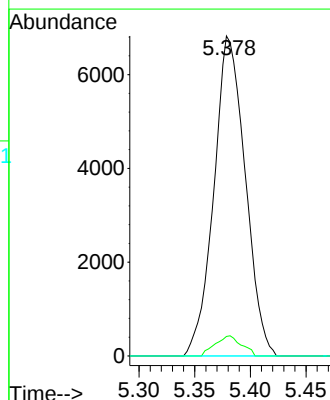
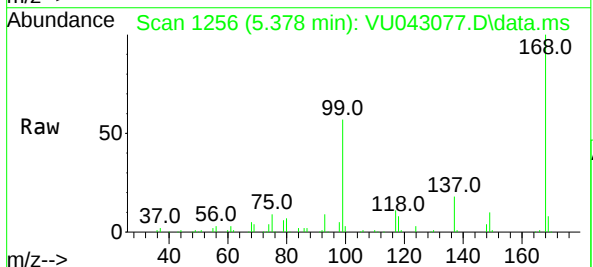
RT: 5.378 min Scan# 1256

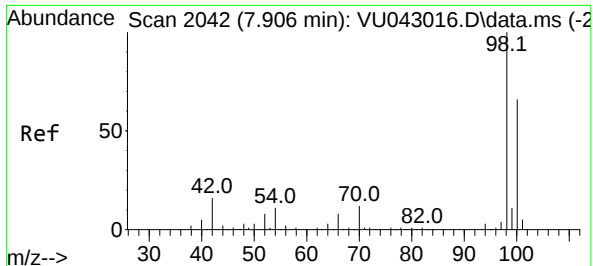
Delta R.T. -0.155 min

Lab File: VU043077.D

Acq: 14 Apr 2021 01:47

Tgt Ion:	117	Resp:	13364
Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.5	113.3#
121	0.0	24.7	37.1#

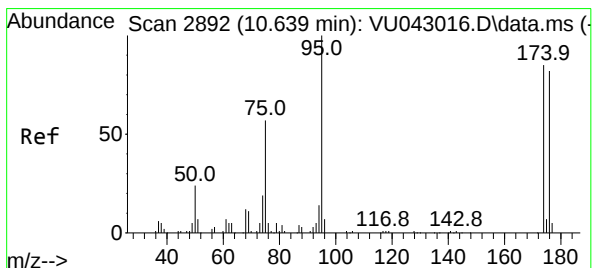
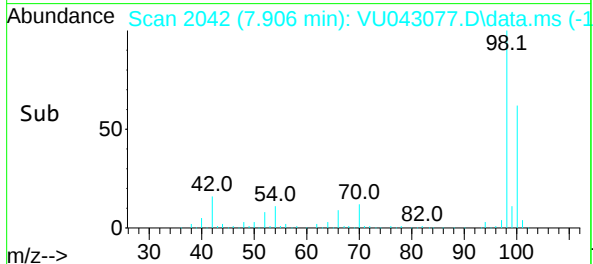
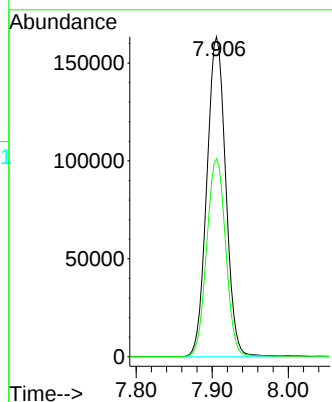
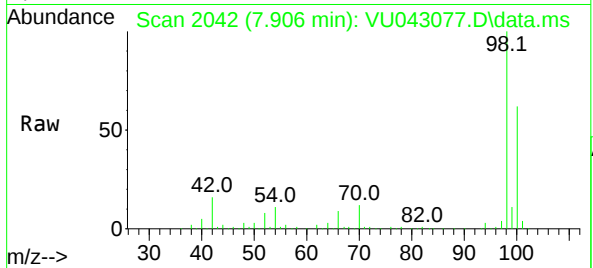




#50
Toluene-d8
Concen: 47.88 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

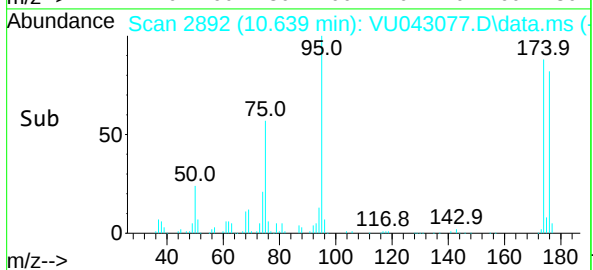
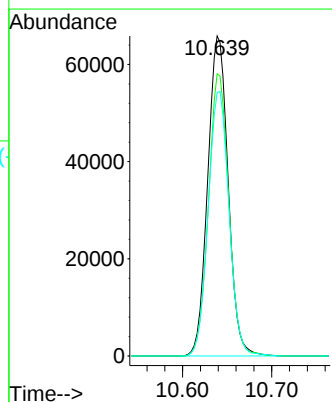
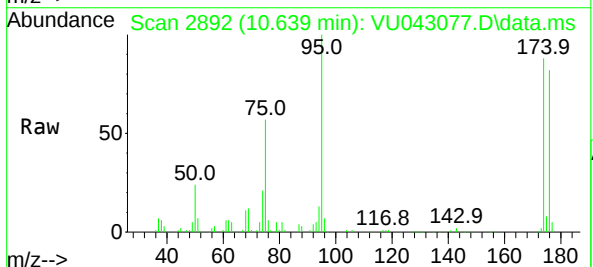
Instrument :
MSVOA_U
ClientSampled :

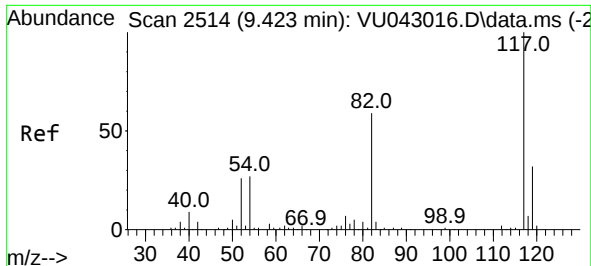
Tgt Ion: 98 Resp: 281902
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.39 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

Tgt Ion: 95 Resp: 104669
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.2
176 84.3 0.0 168.8

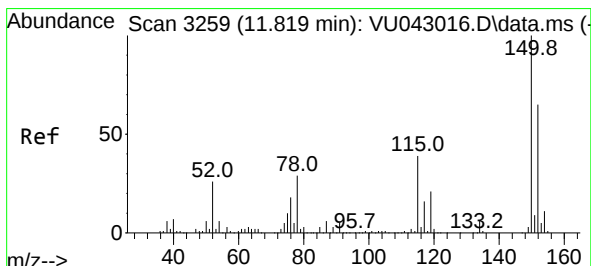
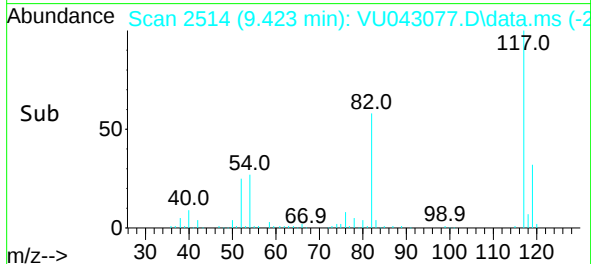
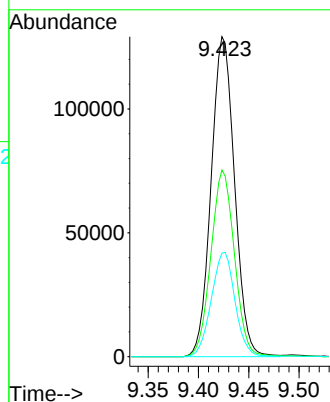
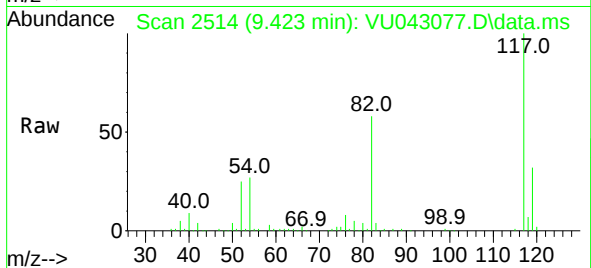




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

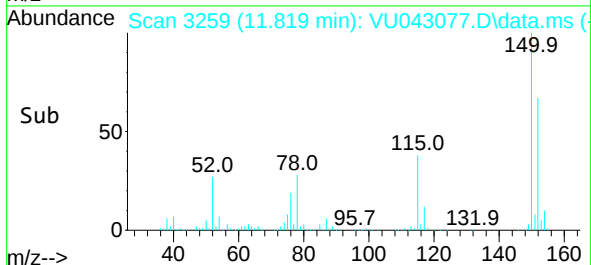
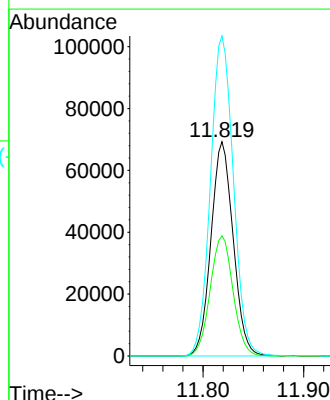
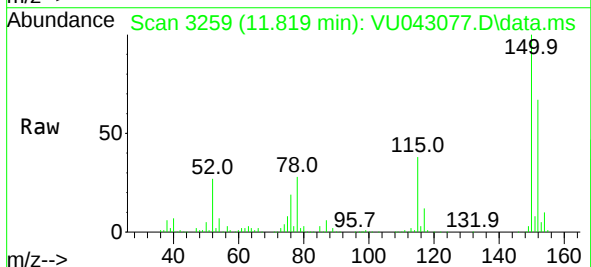
Instrument :
MSVOA_U
ClientSampleId :

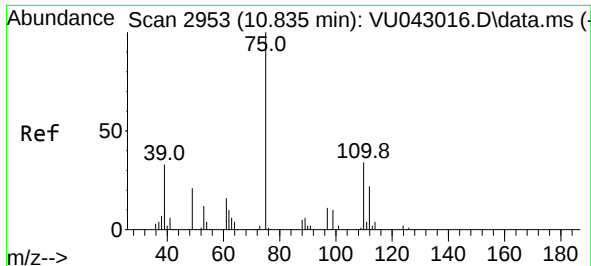
Tgt Ion:117 Resp: 209380
Ion Ratio Lower Upper
117 100
82 58.3 45.8 68.6
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

Tgt Ion:152 Resp: 106382
Ion Ratio Lower Upper
152 100
115 57.6 41.5 124.6
150 154.0 0.0 342.4

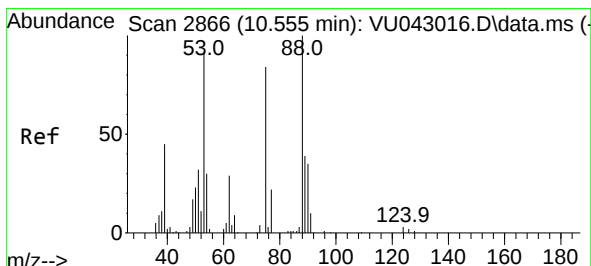
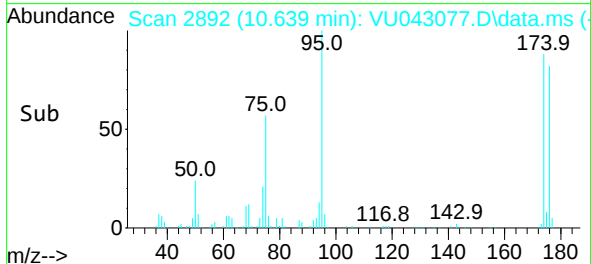
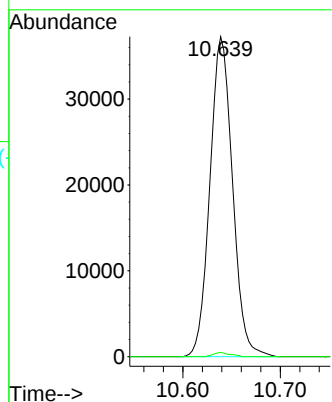
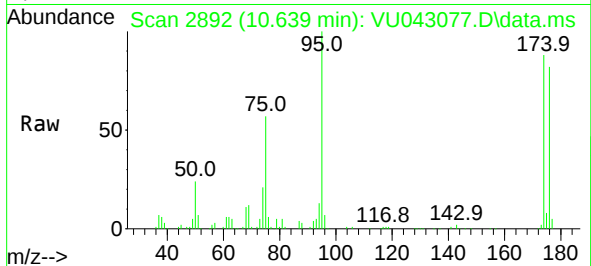




#76
1,2,3-Trichloropropane
Concen: 19.33 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

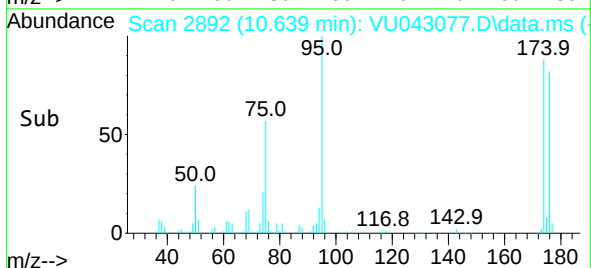
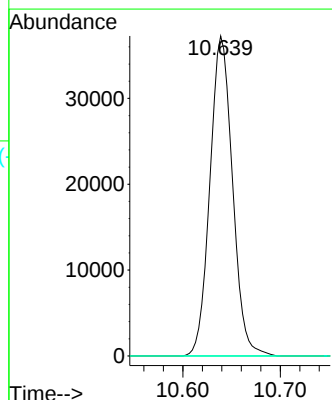
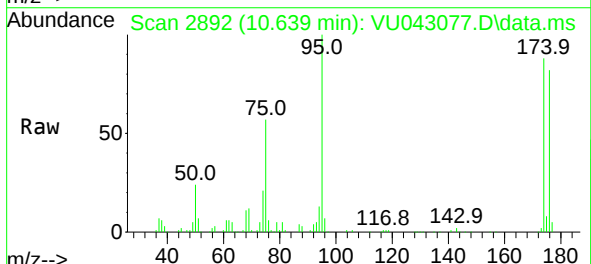
Instrument :
MSVOA_U
ClientSampleId :

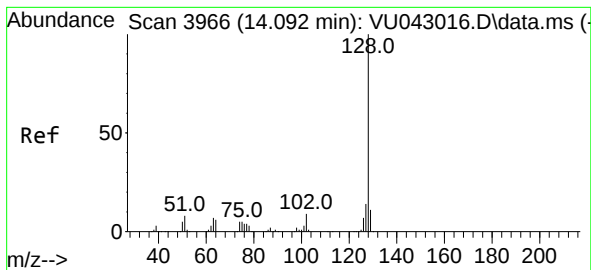
Tgt Ion: 75 Resp: 60080
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.79 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

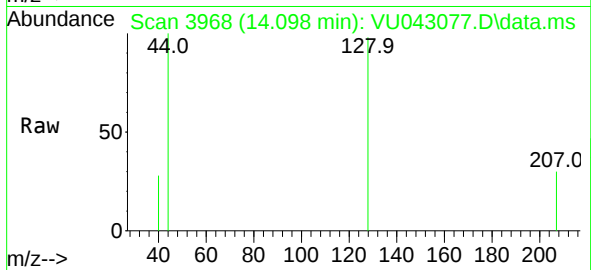
Tgt Ion: 75 Resp: 60080
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.79 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043077.D
Acq: 14 Apr 2021 01:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 441
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

