

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043096.D
 Acq On : 14 Apr 2021 15:54
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 02:06:08 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)

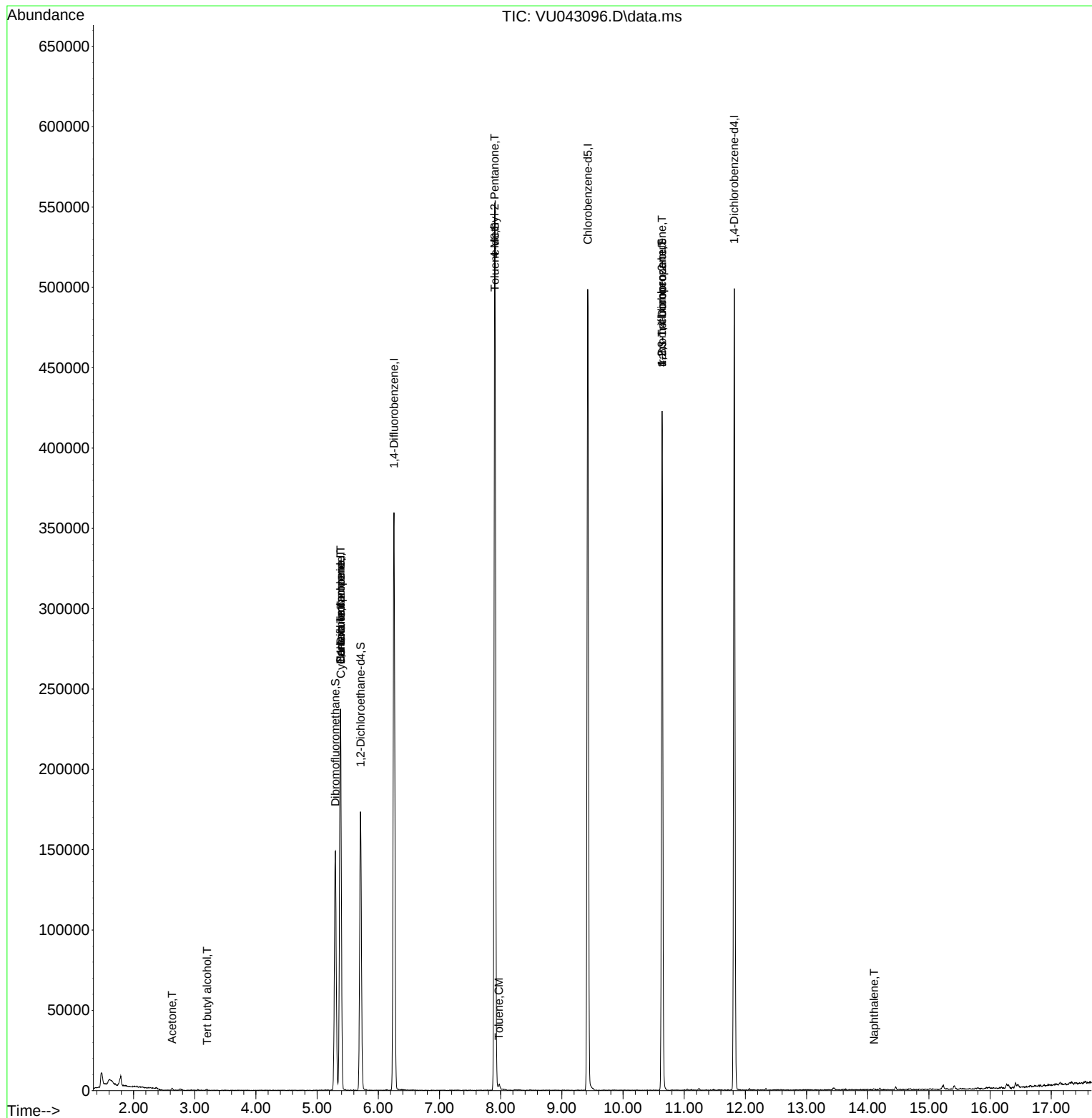
Internal Standards						
1) Pentafluorobenzene	5.382	168	160930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	272268	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	253046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	120077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	134029	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	5.298	113	90149	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
50) Toluene-d8	7.906	98	337930	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
62) 4-Bromofluorobenzene	10.639	95	125903	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	577	Below Cal	#	41
11) Tert butyl alcohol	3.202	59	212	0.30	ug/l #	94
16) Acetone	2.629	43	1462	0.62	ug/l	91
31) Cyclohexane	5.385	56	4414	1.32	ug/l #	42
36) 1,1-Dichloropropene	5.382	75	13541	4.69	ug/l #	50
38) Carbon Tetrachloride	5.382	117	16204	5.23	ug/l #	17
51) 4-Methyl-2-Pentanone	7.899	43	1957	0.38	ug/l #	1
52) Toluene	7.973	92	1088	0.21	ug/l	99
76) 1,2,3-Trichloropropane	10.639	75	71184	20.29	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	71184	59.61	ug/l #	7
95) Naphthalene	14.105	128	795	2.83	ug/l #	69

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

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 15 02:06:08 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

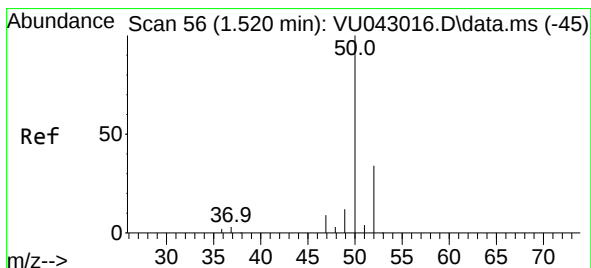
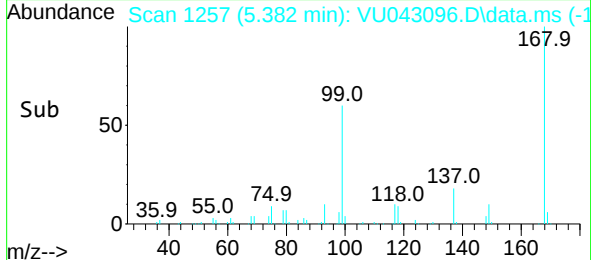
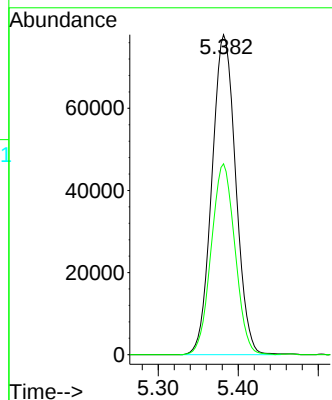
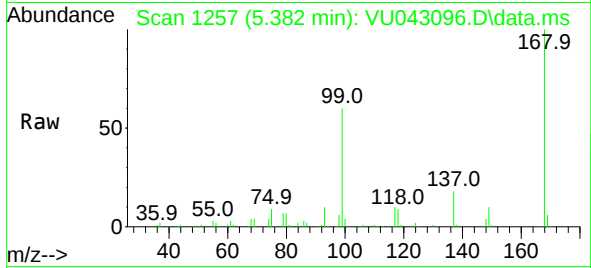




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

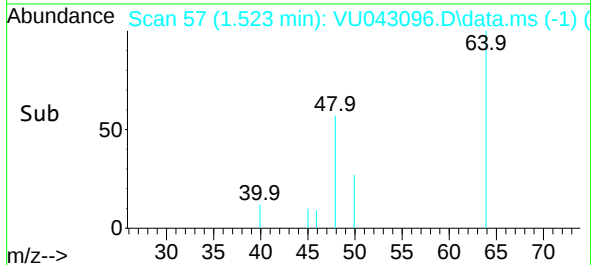
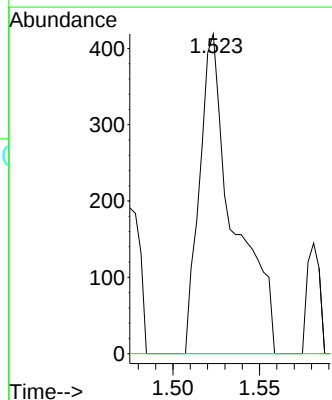
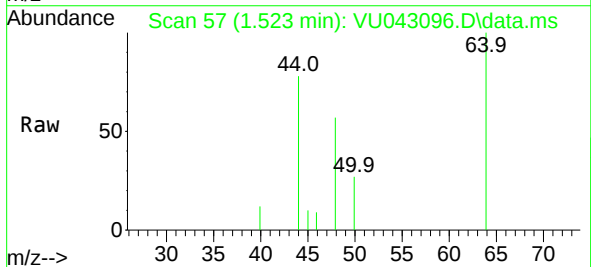
Instrument :
MSVOA_U
ClientSampled :

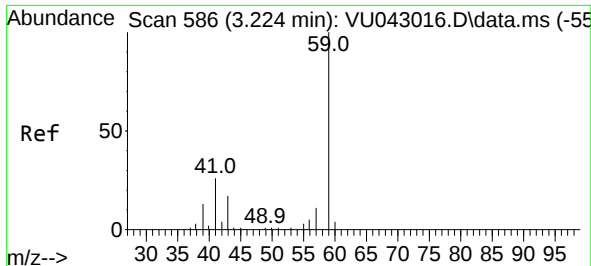
Tgt Ion:168 Resp: 160930
Ion Ratio Lower Upper
168 100
99 59.7 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

Tgt Ion: 50 Resp: 577
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

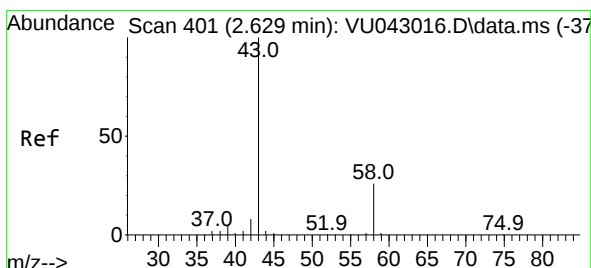
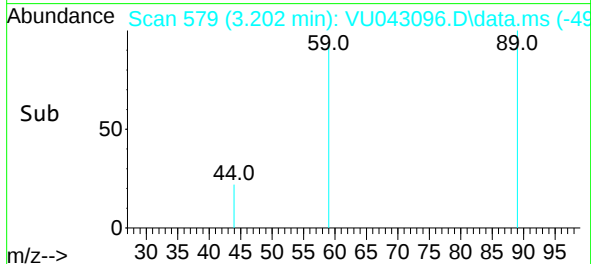
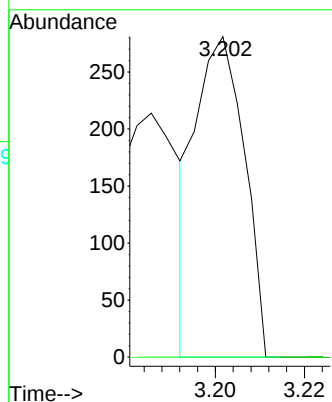
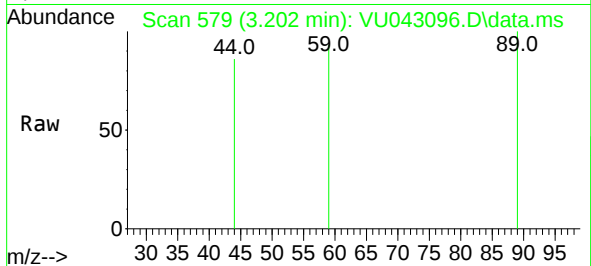




#11
Tert butyl alcohol
Concen: 0.30 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.022 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

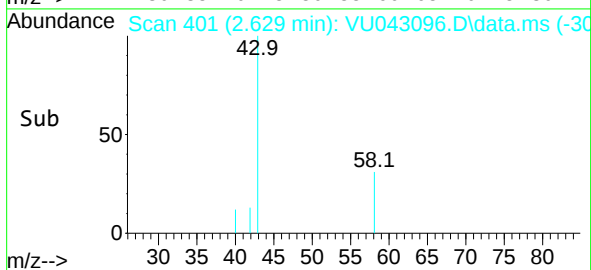
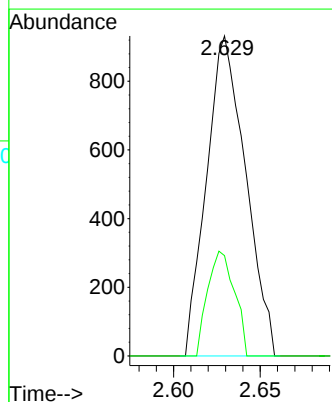
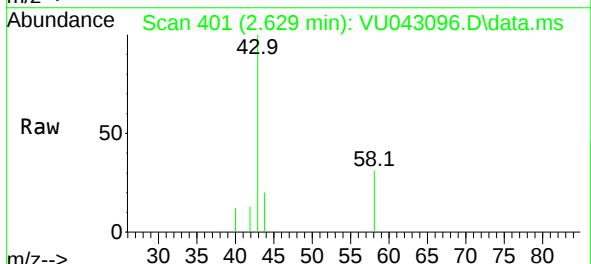
Instrument :
MSVOA_U
ClientSampled :

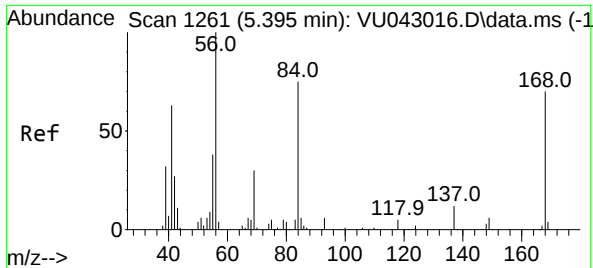
Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 0.62 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
58 31.3 21.5 32.3

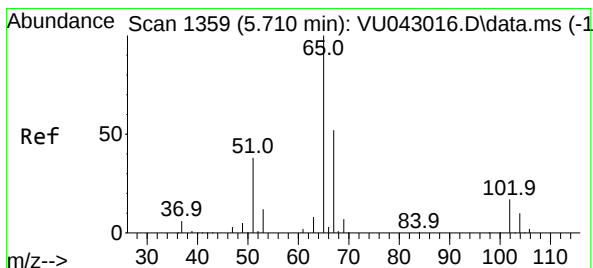
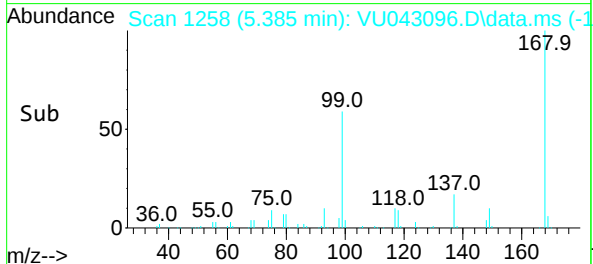
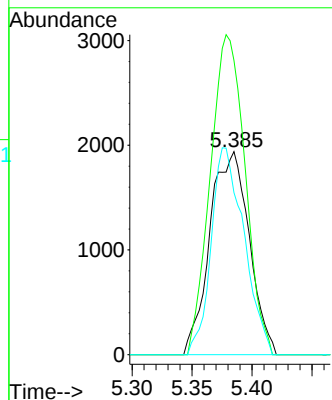
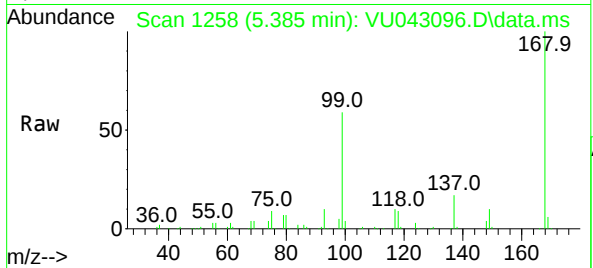




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

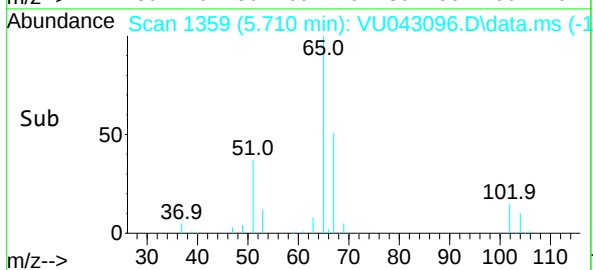
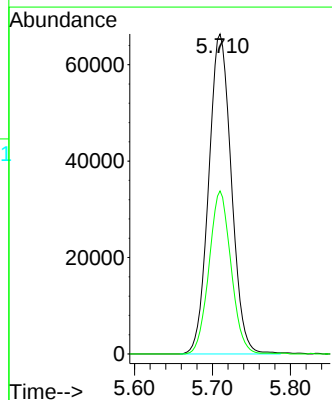
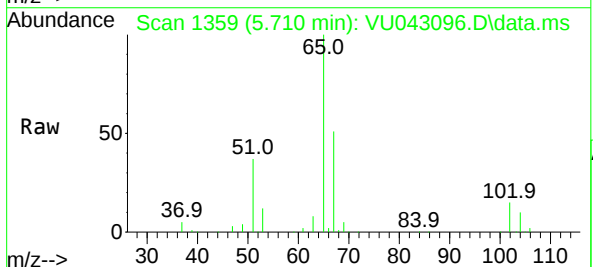
Instrument :
MSVOA_U
ClientSampleId :

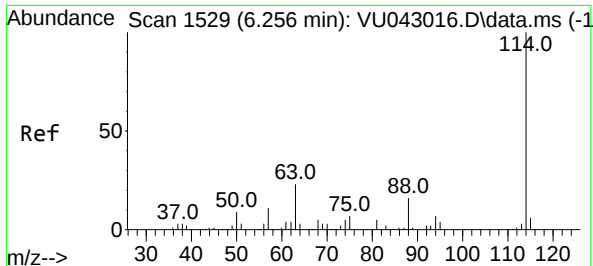
Tgt Ion: 56 Resp: 4414
Ion Ratio Lower Upper
56 100
69 144.9 24.9 37.3#
84 79.8 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 49.54 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

Tgt Ion: 65 Resp: 134029
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.8

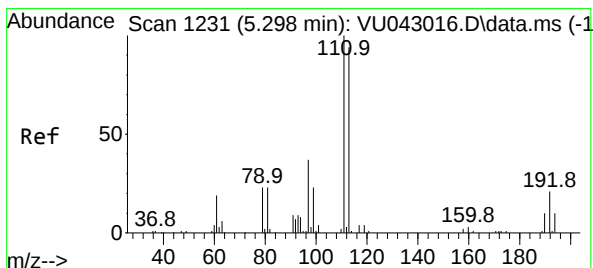
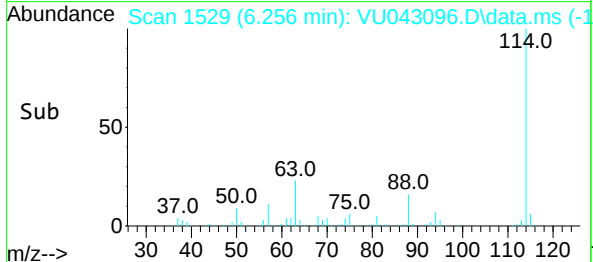
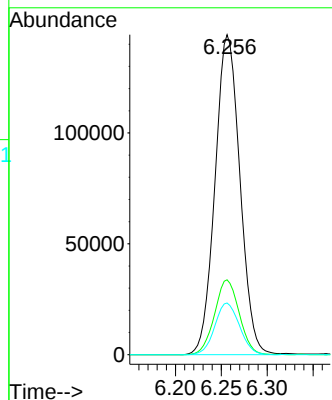
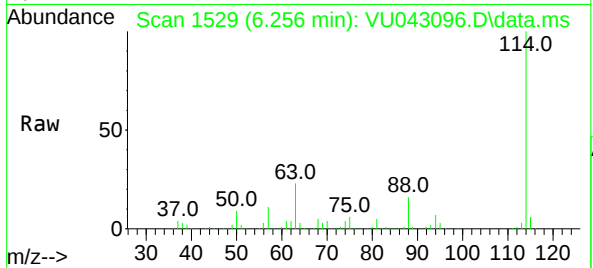




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

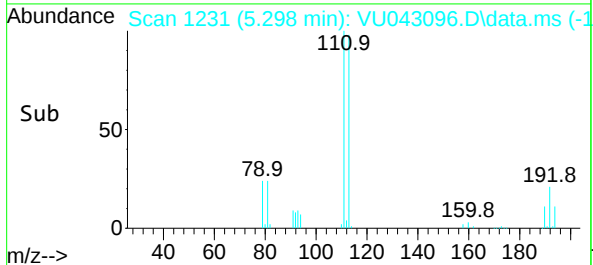
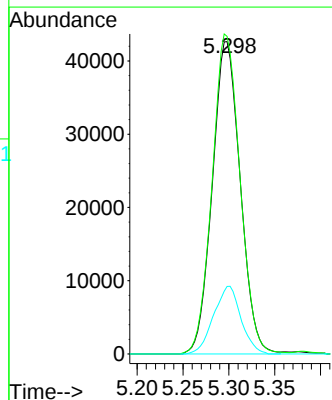
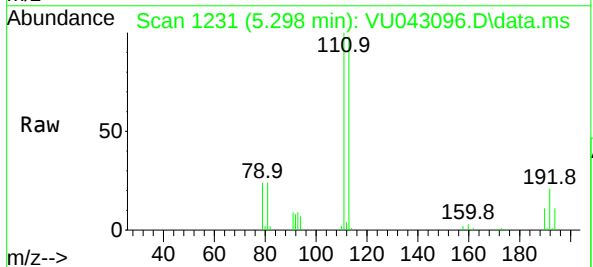
Instrument :
MSVOA_U
ClientSampled :

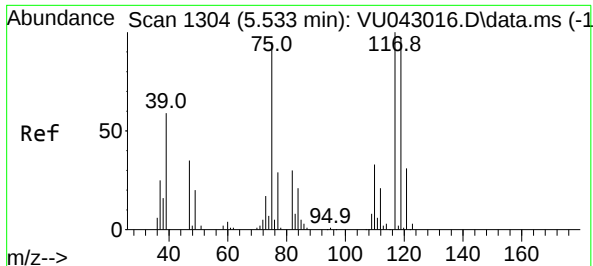
Tgt Ion:114 Resp: 272268
Ion Ratio Lower Upper
114 100
63 23.4 0.0 44.2
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 44.06 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

Tgt Ion:113 Resp: 90149
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 21.3 17.2 25.8



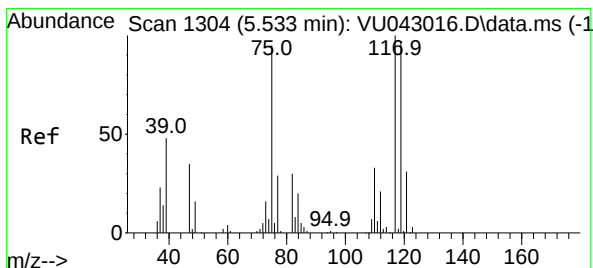
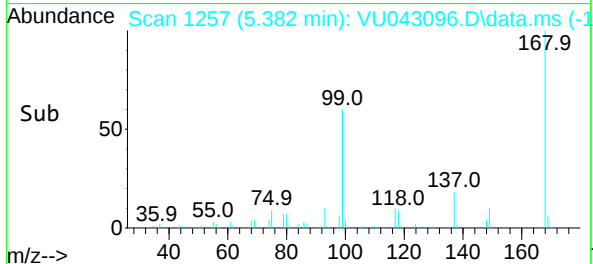
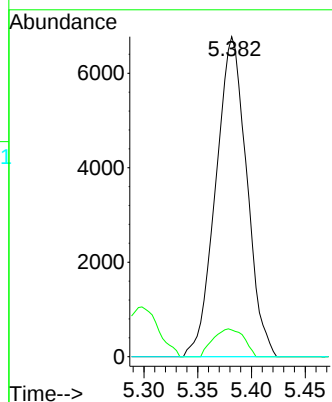
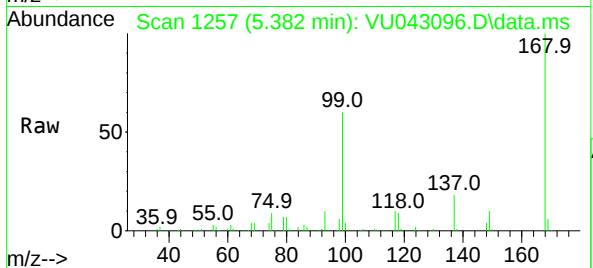


#36

1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

Instrument :
MSVOA_U
ClientSampled :

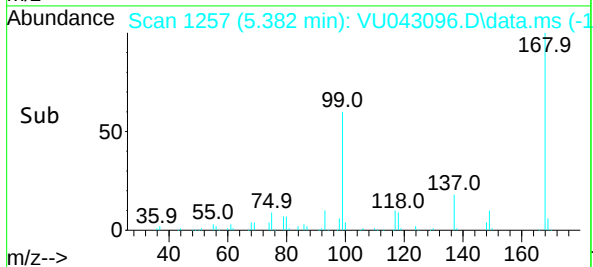
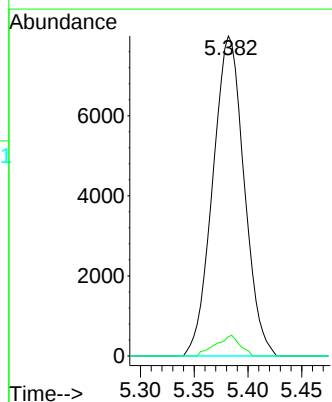
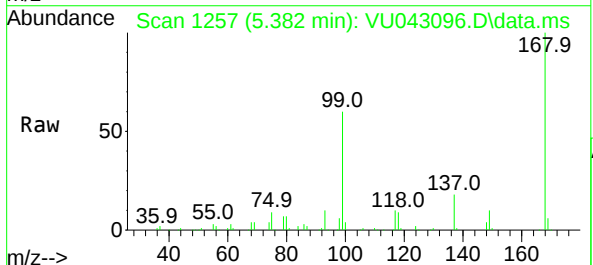
Tgt Ion: 75 Resp: 13541
Ion Ratio Lower Upper
75 100
110 8.7 16.8 50.3#
77 0.0 24.8 37.2#

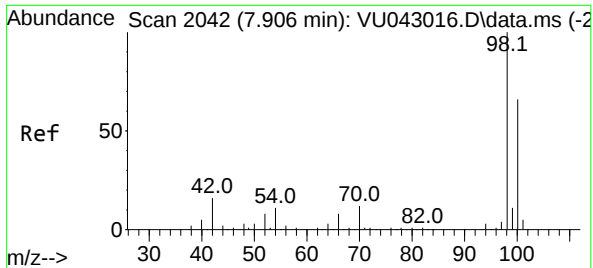


#38

Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

Tgt Ion:117 Resp: 16204
Ion Ratio Lower Upper
117 100
119 6.1 75.5 113.3#
121 0.0 24.7 37.1#

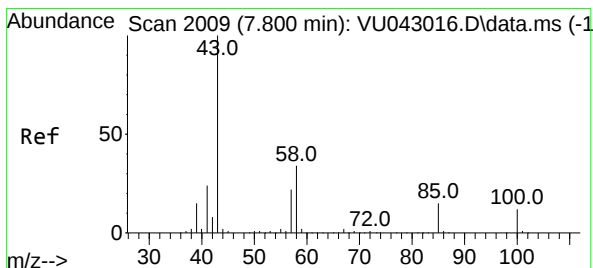
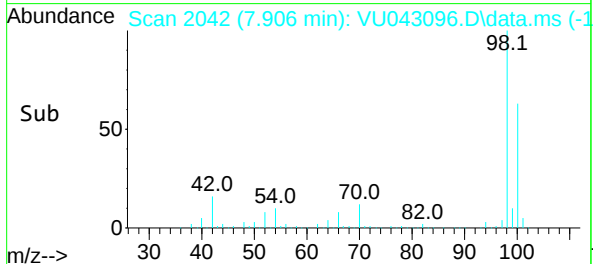
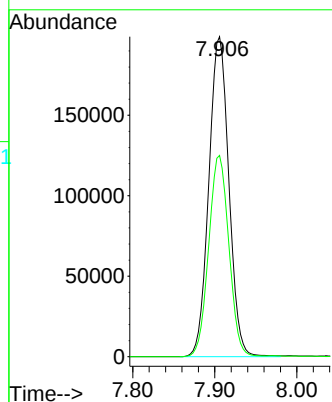
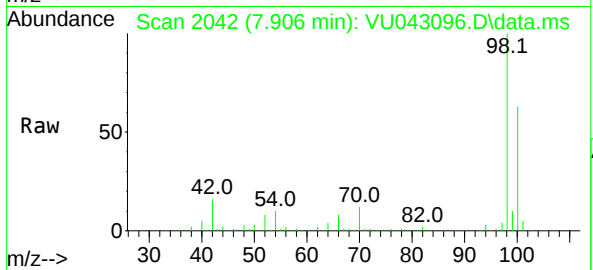




#50
Toluene-d8
Concen: 46.68 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

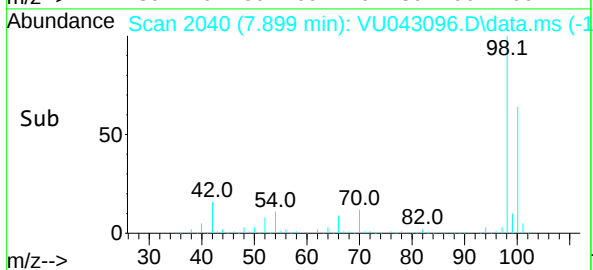
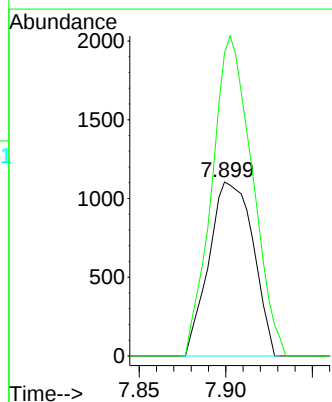
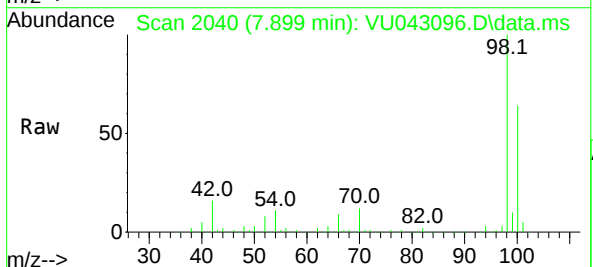
Instrument :
MSVOA_U
ClientSampled :

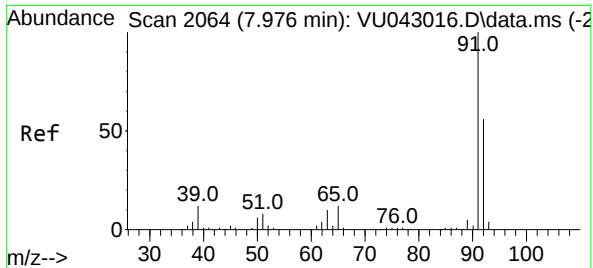
Tgt Ion: 98 Resp: 337930
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.38 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.099 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
58 168.1 28.1 42.1#

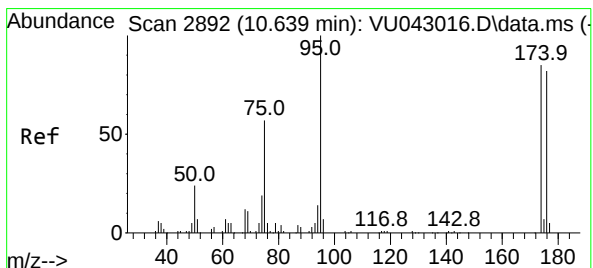
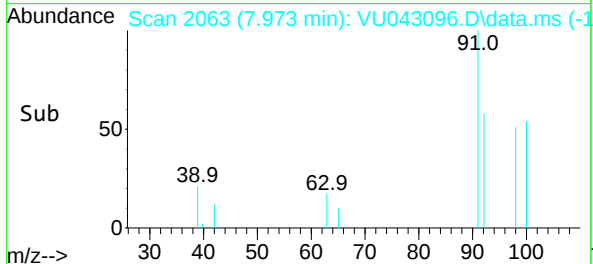
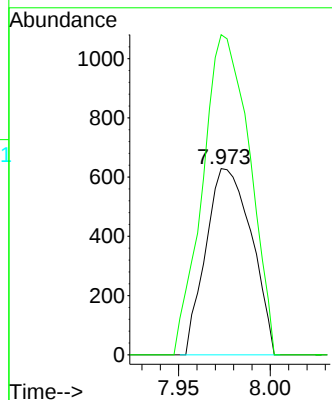
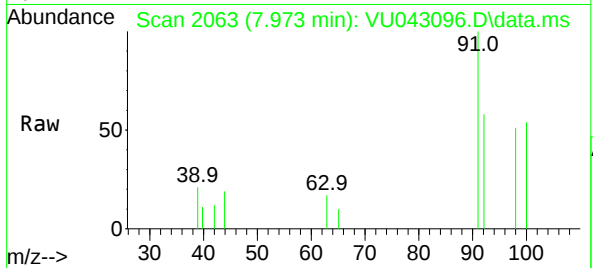




#52
Toluene
Concen: 0.21 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

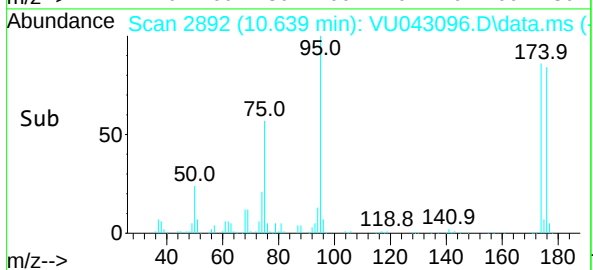
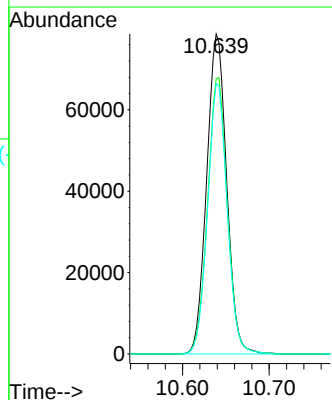
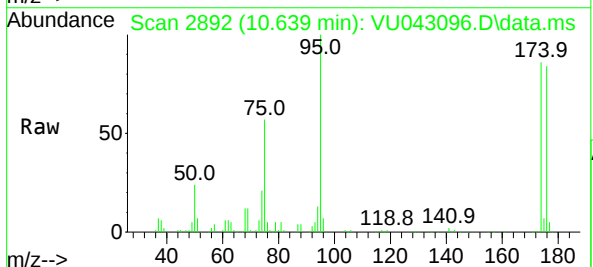
Instrument :
MSVOA_U
ClientSampled :

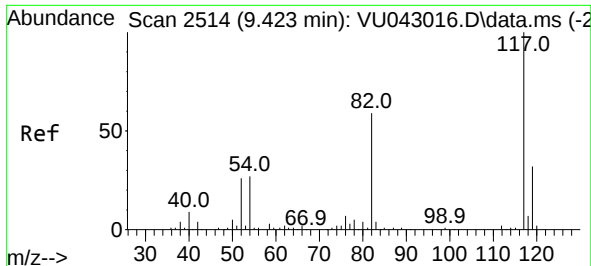
Tgt Ion: 92 Resp: 1088
Ion Ratio Lower Upper
92 100
91 177.3 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 43.43 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

Tgt Ion: 95 Resp: 125903
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.2
176 82.8 0.0 168.8

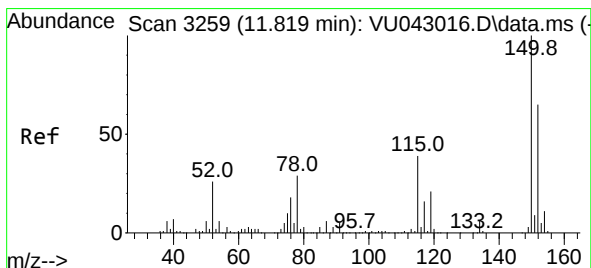
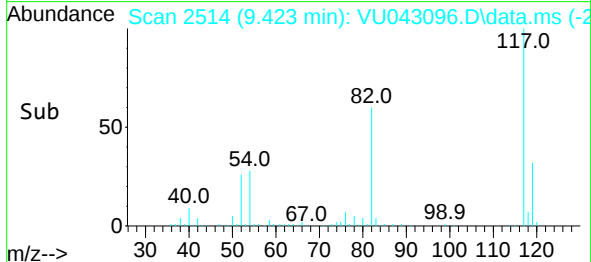
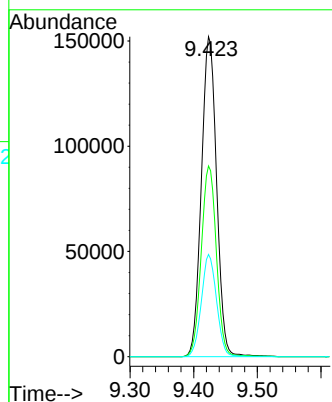
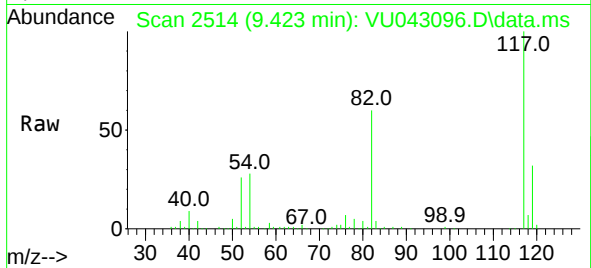




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

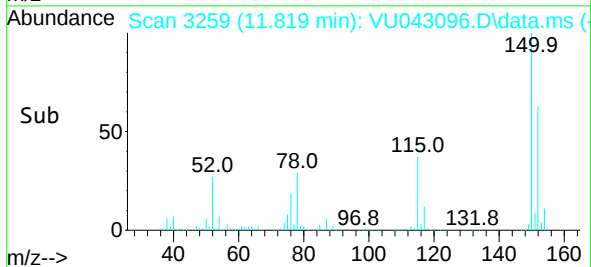
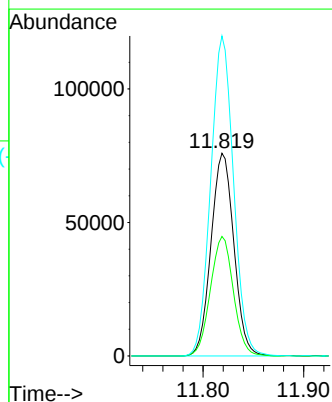
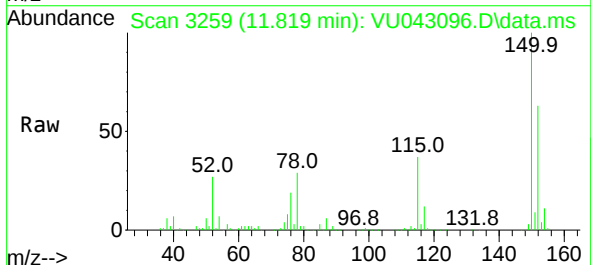
Instrument :
MSVOA_U
ClientSampleId :

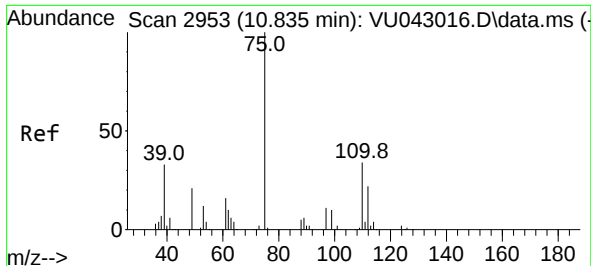
Tgt Ion:117 Resp: 253046
Ion Ratio Lower Upper
117 100
82 59.6 45.8 68.6
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

Tgt Ion:152 Resp: 120077
Ion Ratio Lower Upper
152 100
115 59.2 41.5 124.6
150 157.4 0.0 342.4

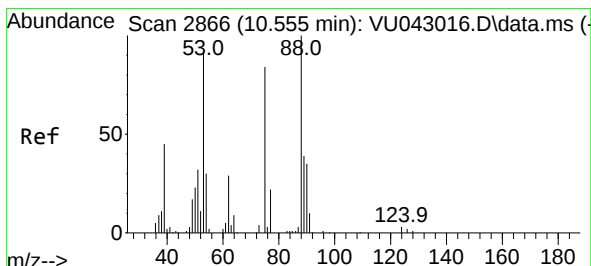
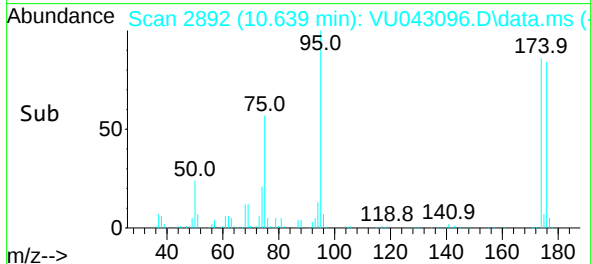
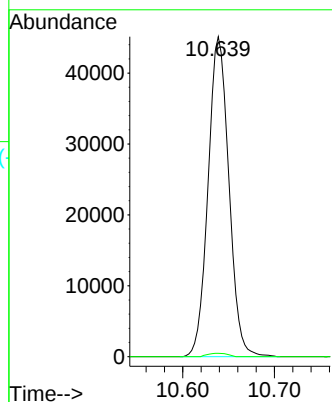
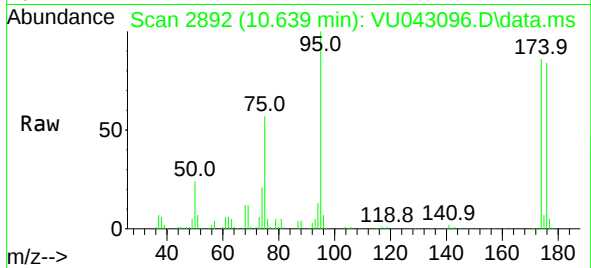




#76
1,2,3-Trichloropropane
Concen: 20.29 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

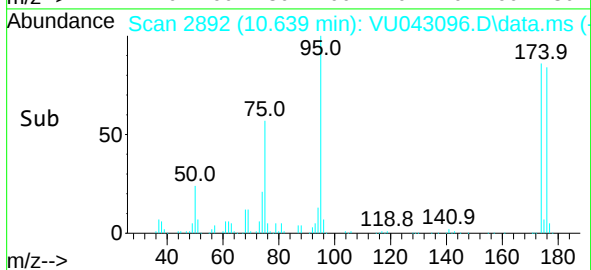
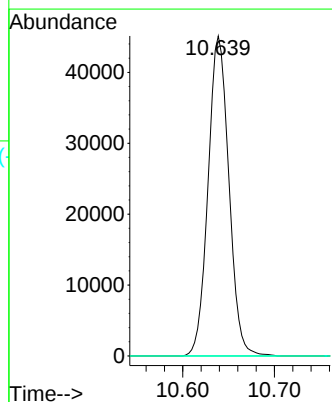
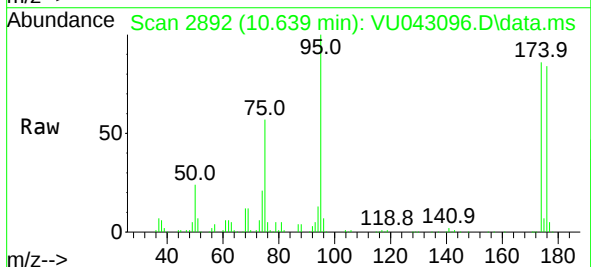
Instrument :
MSVOA_U
ClientSampled :

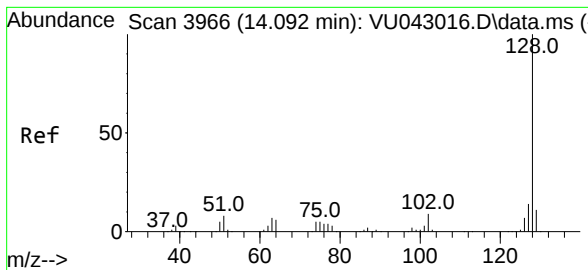
Tgt Ion: 75 Resp: 71184
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.61 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043096.D
Acq: 14 Apr 2021 15:54

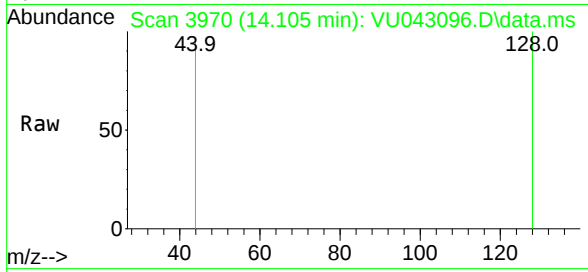
Tgt Ion: 75 Resp: 71184
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.83 ug/l
 RT: 14.105 min Scan# 3970
 Delta R.T. 0.013 min
 Lab File: VU043096.D
 Acq: 14 Apr 2021 15:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	128	Resp:	795
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

