

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043196.D
 Acq On : 19 Apr 2021 16:03
 Operator : SY/MD
 Sample : M2078-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:56:25 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)

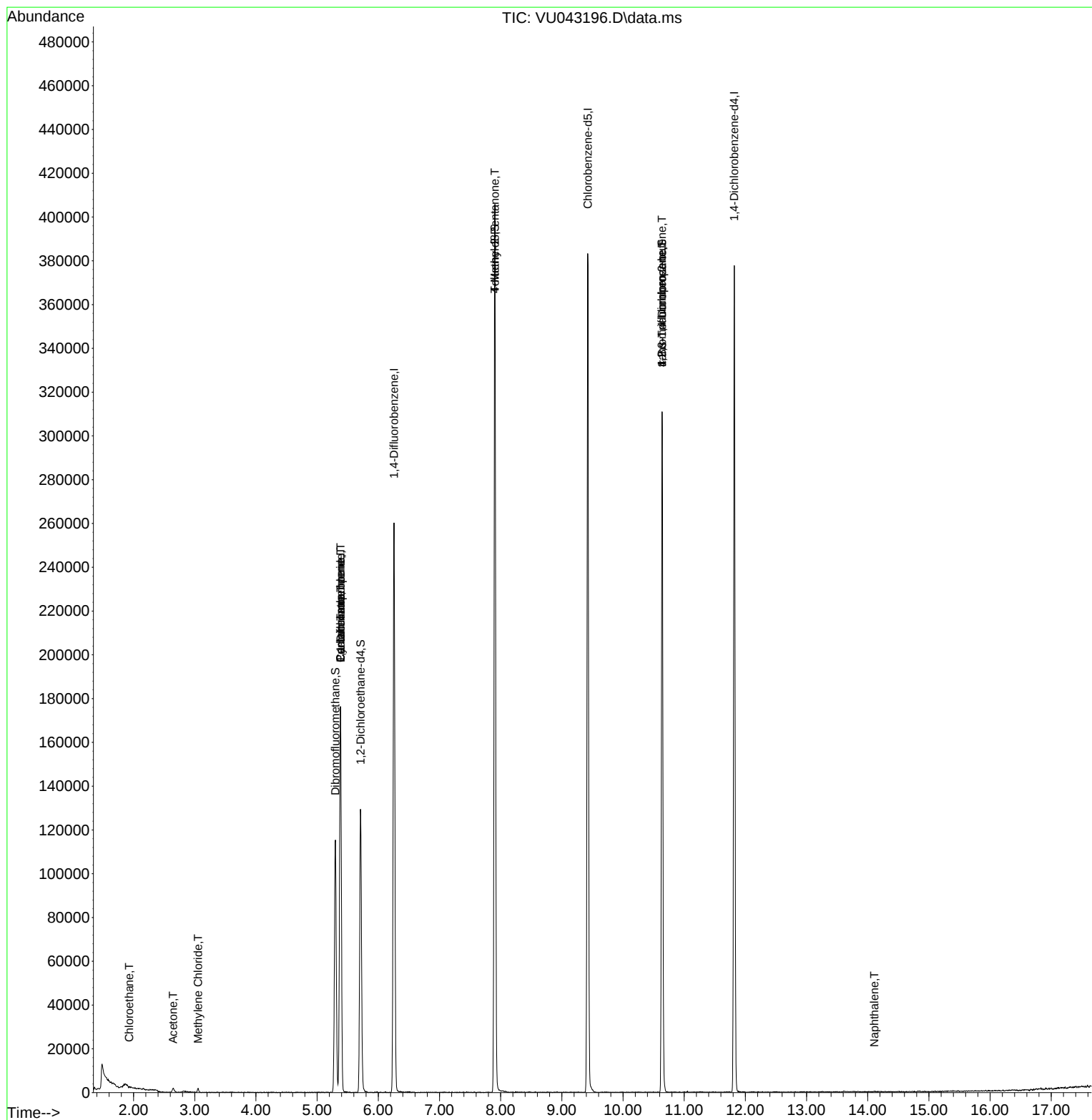
Internal Standards						
1) Pentafluorobenzene	5.382	168	120658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	195309	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	190294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	102297	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	5.298	113	69730	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	7.906	98	249138	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	10.639	95	90882	43.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.40%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	314	Below Cal	#	69
6) Chloroethane	1.929	64	306	0.29 ug/l	#	42
16) Acetone	2.646	43	3134	2.33 ug/l		91
20) Methylene Chloride	3.054	84	633	0.44 ug/l		92
31) Cyclohexane	5.382	56	3086	1.23 ug/l	#	24
36) 1,1-Dichloropropene	5.382	75	10124	4.89 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	12330	5.55 ug/l	#	18
51) 4-Methyl-2-Pentanone	7.906	43	1502	0.40 ug/l	#	1
76) 1,2,3-Trichloropropane	10.639	75	53775	20.03 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	10.639	75	53775	58.86 ug/l	#	7
95) Naphthalene	14.108	128	214	2.77 ug/l	#	69

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

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Quant Time: Apr 20 02:56:25 2021
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Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

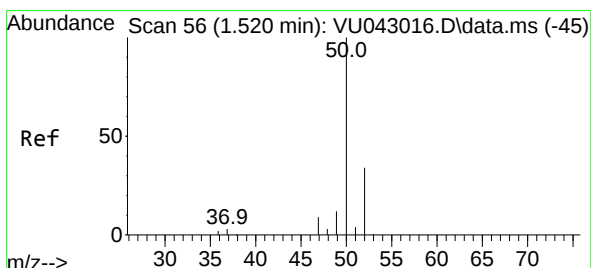
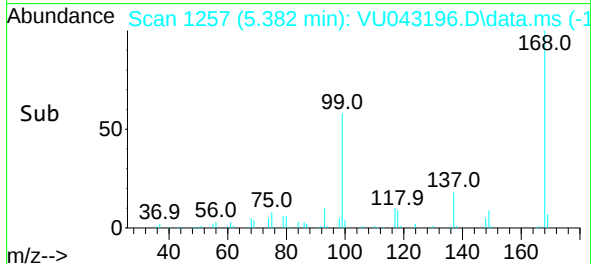
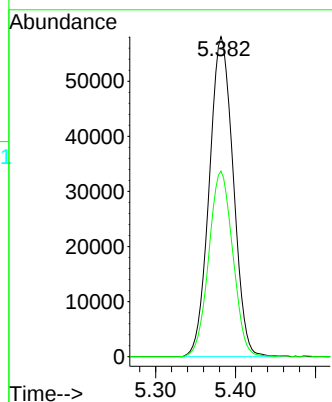
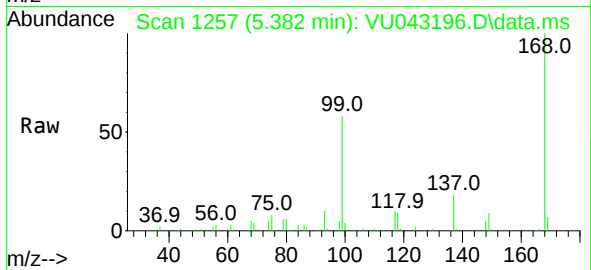




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

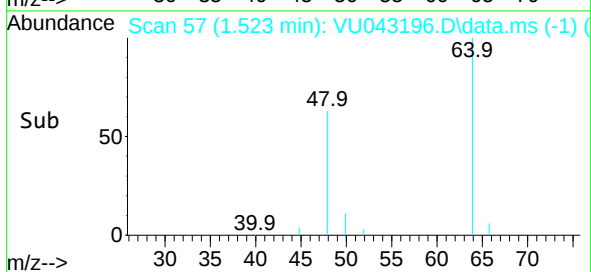
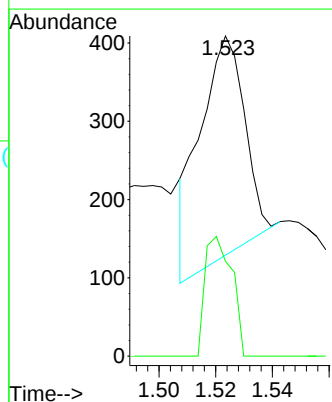
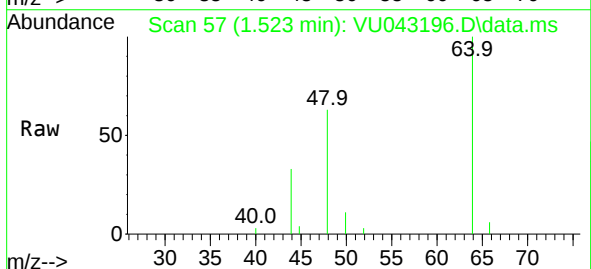
Instrument :
MSVOA_U
ClientSampled :

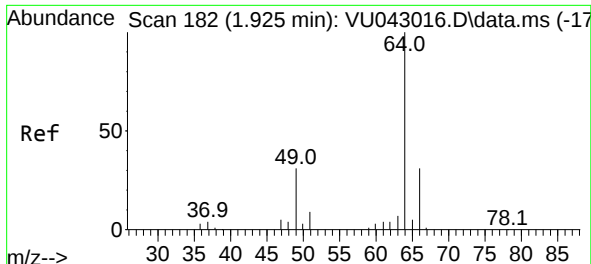
Tgt Ion:168 Resp: 120658
Ion Ratio Lower Upper
168 100
99 58.0 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

Tgt Ion: 50 Resp: 314
Ion Ratio Lower Upper
50 100
52 51.1 26.6 40.0#

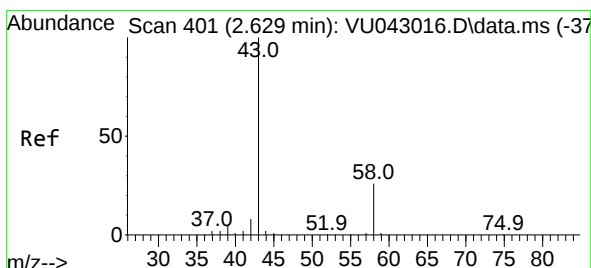
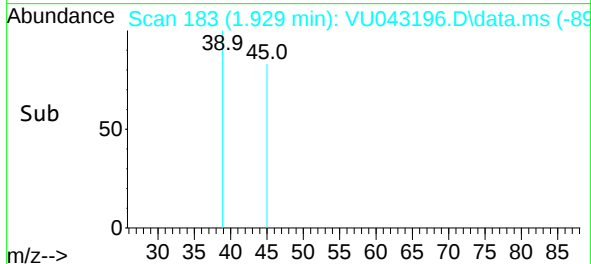
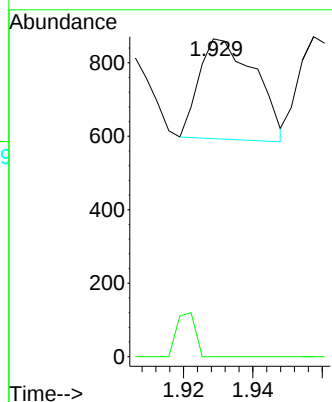
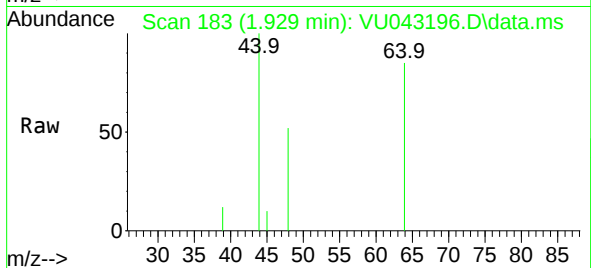




#6
Chloroethane
Concen: 0.29 ug/l
RT: 1.929 min Scan# 183
Delta R.T. 0.004 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

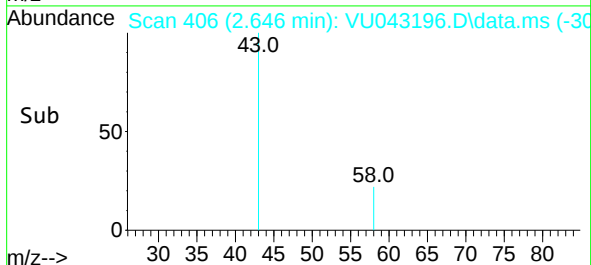
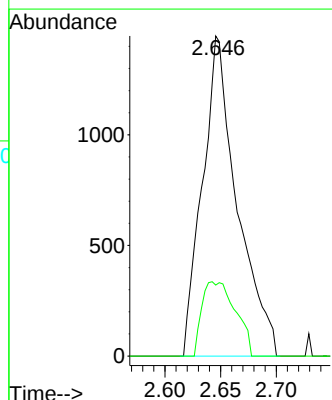
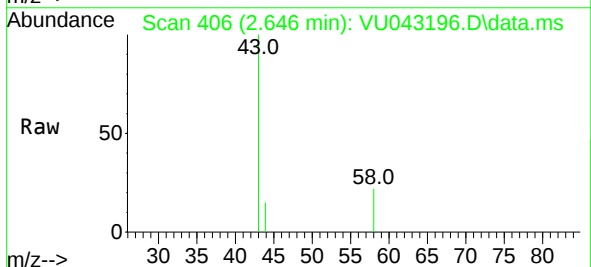
Instrument :
MSVOA_U
ClientSampled :

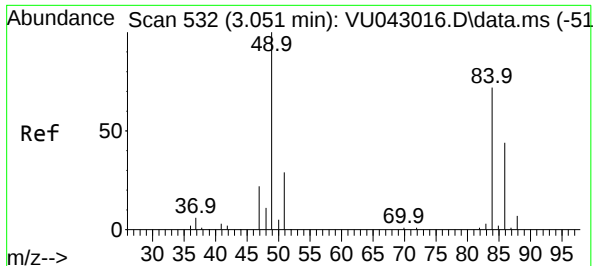
Tgt Ion: 64 Resp: 306
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#16
Acetone
Concen: 2.33 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.017 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

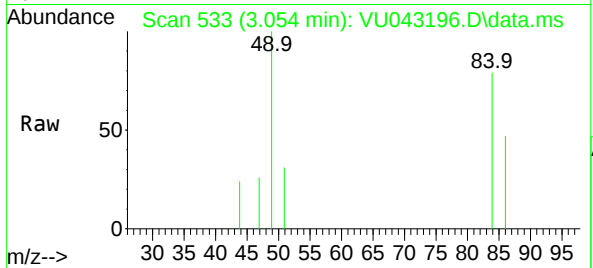
Tgt Ion: 43 Resp: 3134
Ion Ratio Lower Upper
43 100
58 22.2 21.5 32.3





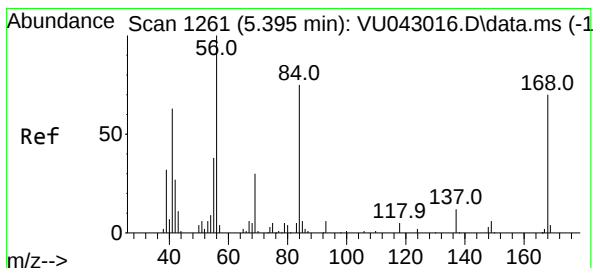
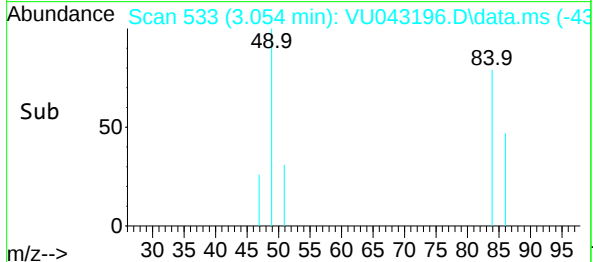
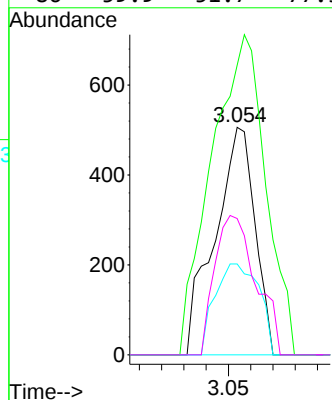
#20
Methylene Chloride
Concen: 0.44 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

Instrument :
MSVOA_U
ClientSampleId :

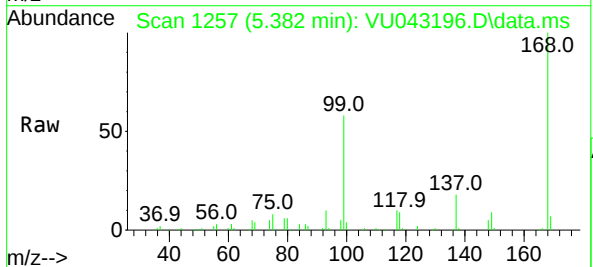


Tgt Ion: 84 Resp: 633

Ion	Ratio	Lower	Upper
84	100		
49	127.3	112.6	169.0
51	39.9	33.7	50.5
86	59.9	51.7	77.5

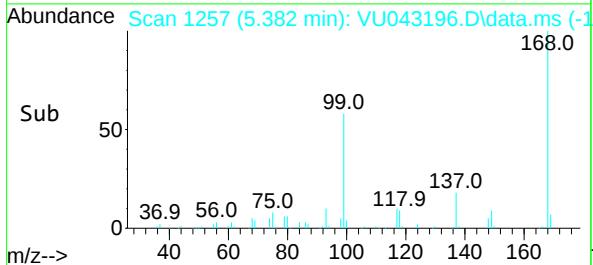
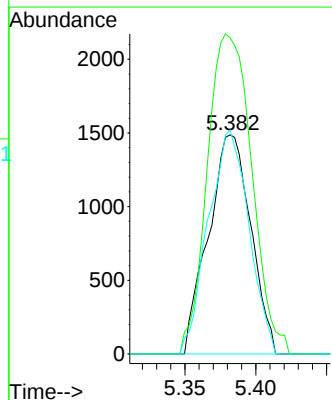


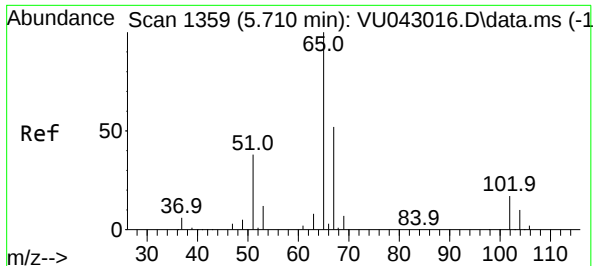
#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03



Tgt Ion: 56 Resp: 3086

Ion	Ratio	Lower	Upper
56	100		
69	144.3	24.9	37.3#
84	102.2	63.7	95.5#





#33

1,2-Dichloroethane-d4

Concen: 50.43 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043196.D

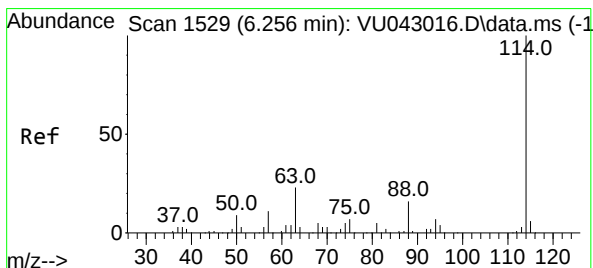
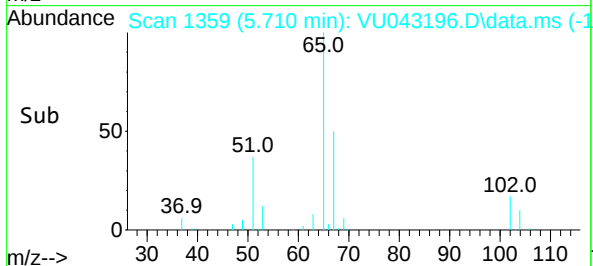
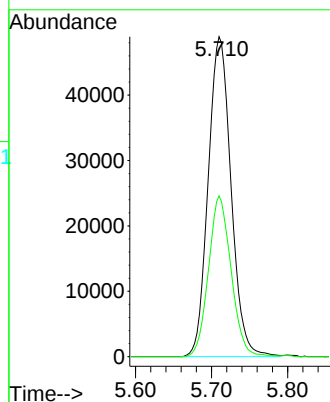
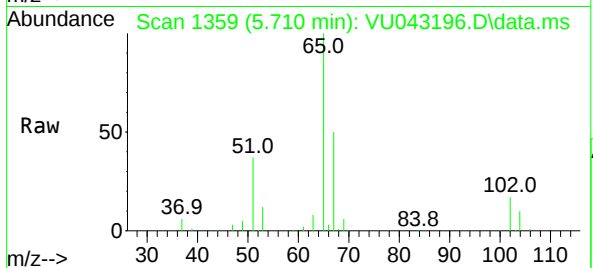
Acq: 19 Apr 2021 16:03

Tgt Ion: 65 Resp: 102297

Ion Ratio Lower Upper

65	100		
67	49.6	0.0	99.8

Instrument :
MSVOA_U
ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

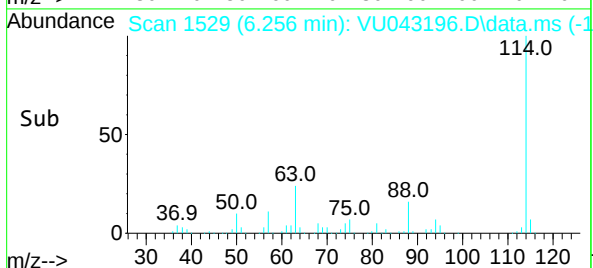
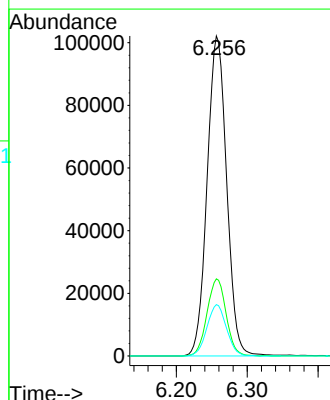
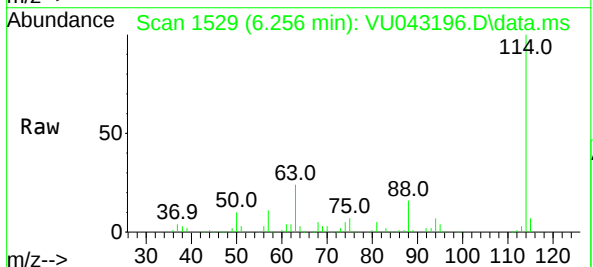
Lab File: VU043196.D

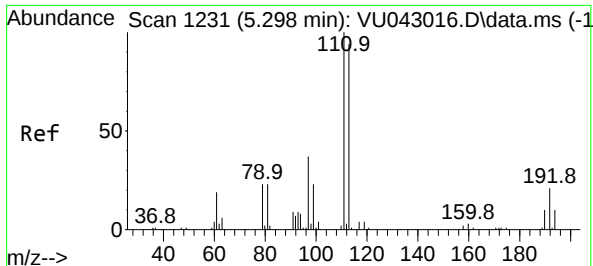
Acq: 19 Apr 2021 16:03

Tgt Ion: 114 Resp: 195309

Ion Ratio Lower Upper

114	100		
63	24.1	0.0	44.2
88	16.0	0.0	33.4

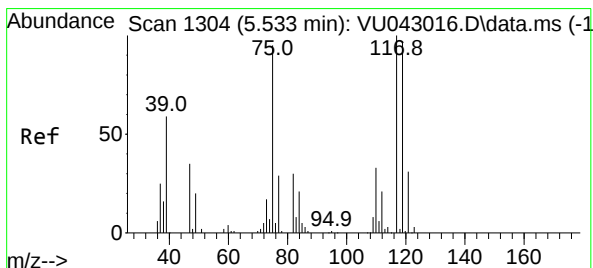
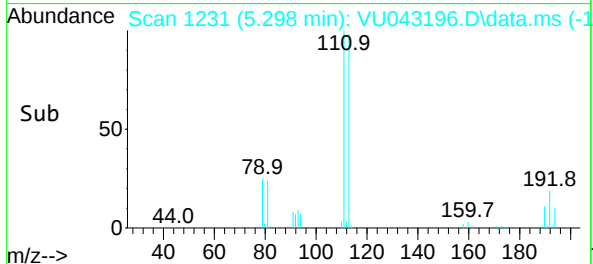
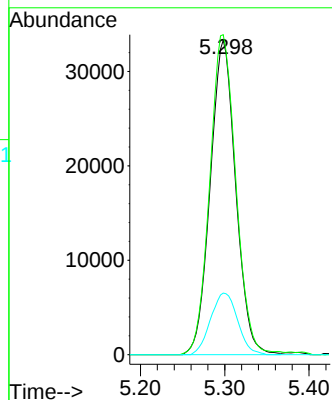
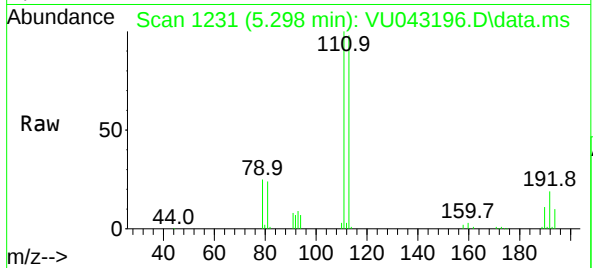




#35
Dibromofluoromethane
Concen: 47.51 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

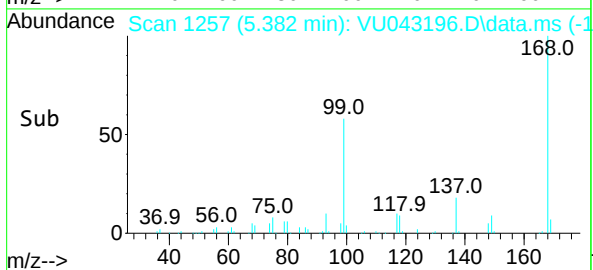
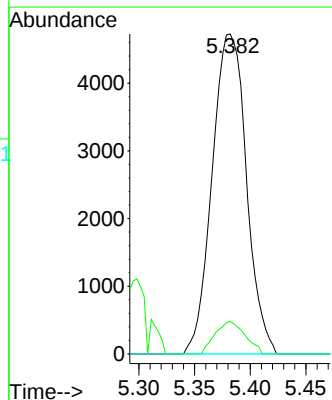
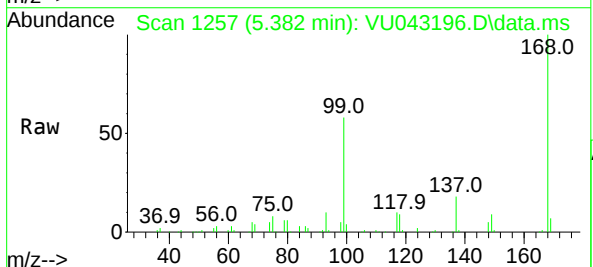
Instrument :
MSVOA_U
ClientSampled :

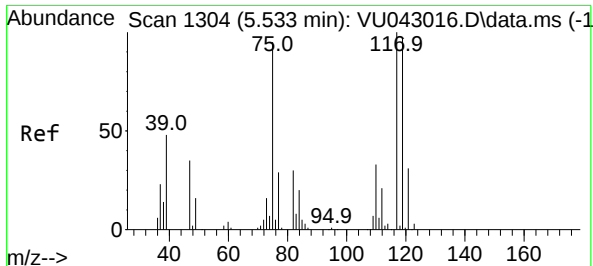
Tgt Ion:113 Resp: 69730
Ion Ratio Lower Upper
113 100
111 104.7 81.8 122.8
192 20.9 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

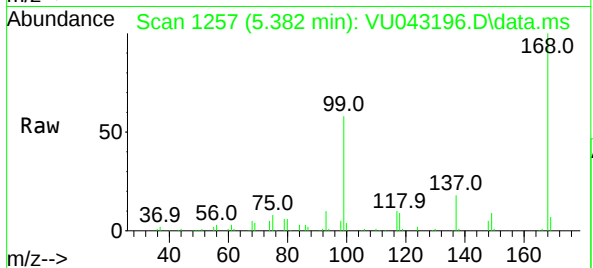
Tgt Ion: 75 Resp: 10124
Ion Ratio Lower Upper
75 100
110 8.9 16.8 50.3#
77 0.0 24.8 37.2#



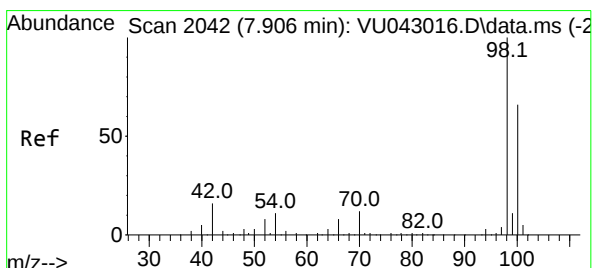
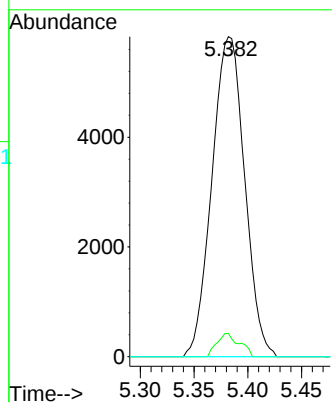
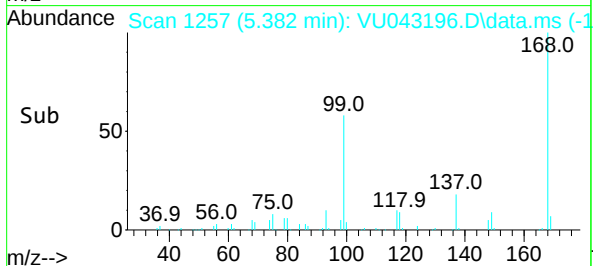


#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

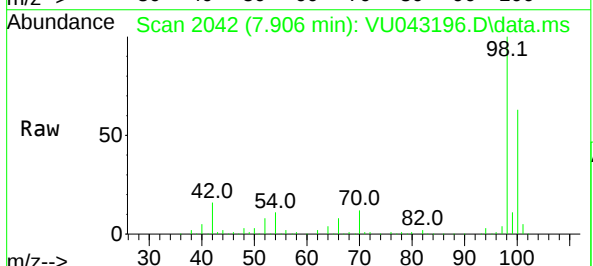
Instrument :
MSVOA_U
ClientSampled :



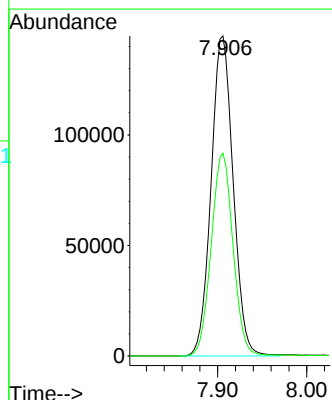
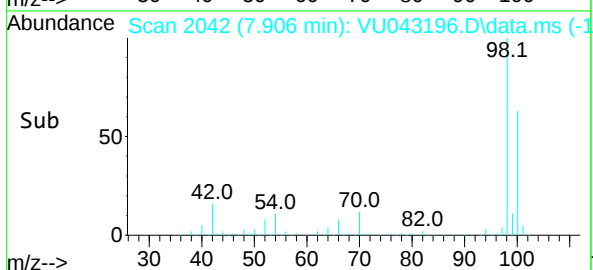
Tgt Ion: 117 Resp: 12330
Ion Ratio Lower Upper
117 100
119 7.3 75.5 113.3#
121 0.0 24.7 37.1#

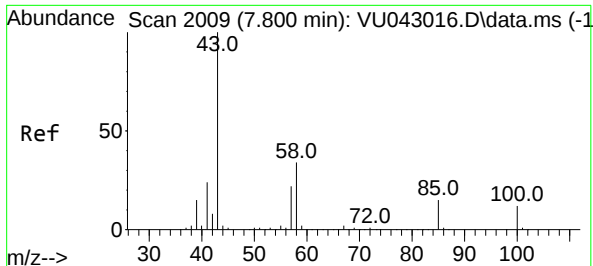


#50
Toluene-d8
Concen: 47.97 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03



Tgt Ion: 98 Resp: 249138
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2

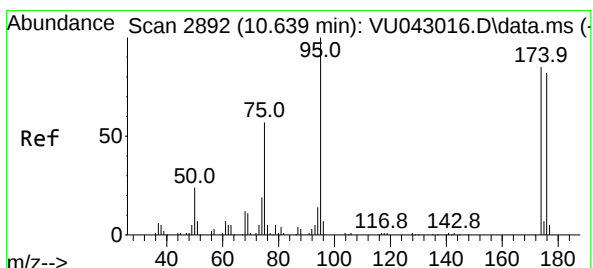
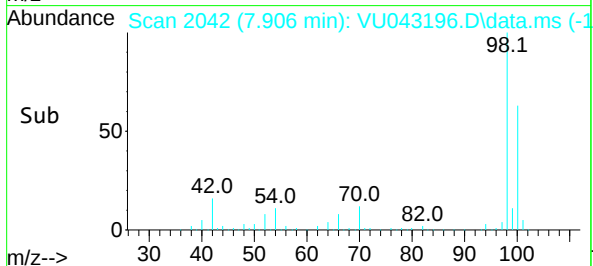
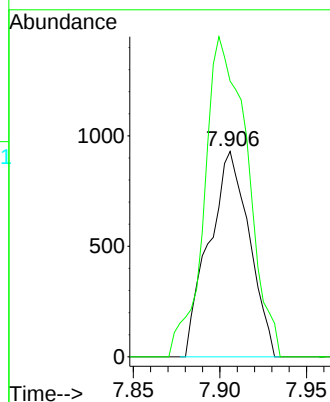
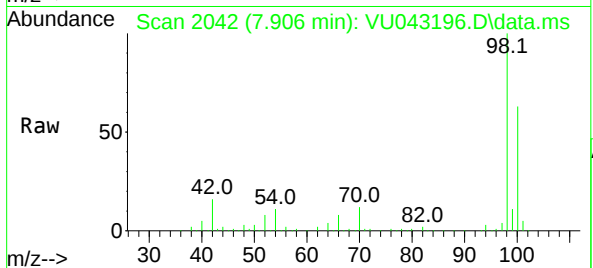




#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

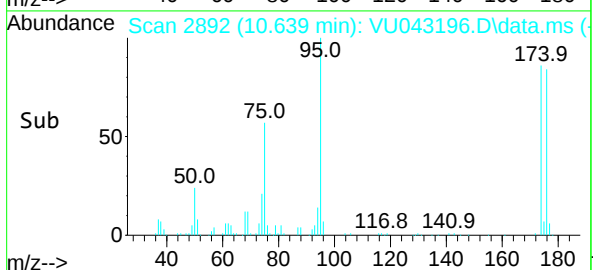
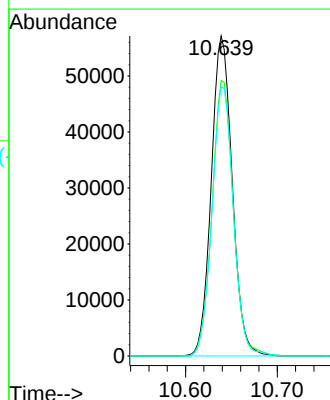
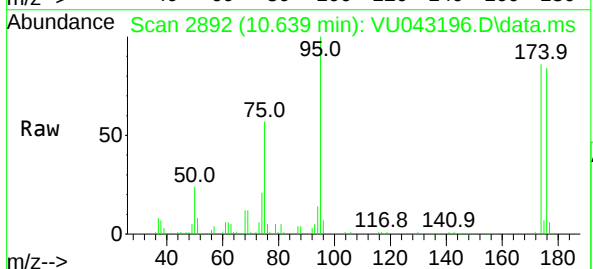
Instrument :
MSVOA_U
ClientSampled :

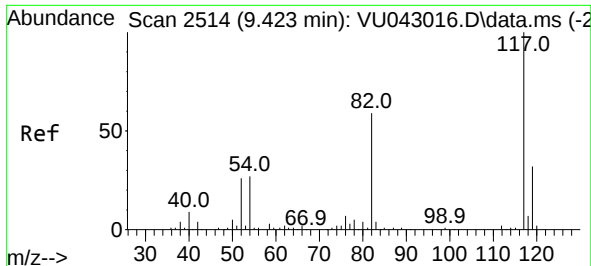
Tgt Ion: 43 Resp: 1502
Ion Ratio Lower Upper
43 100
58 166.0 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 43.70 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

Tgt Ion: 95 Resp: 90882
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.2
176 85.4 0.0 168.8

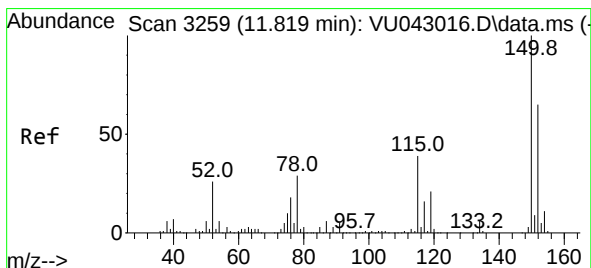
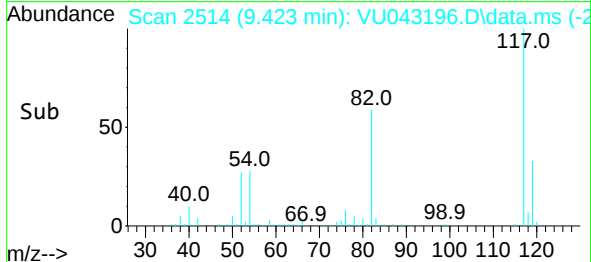
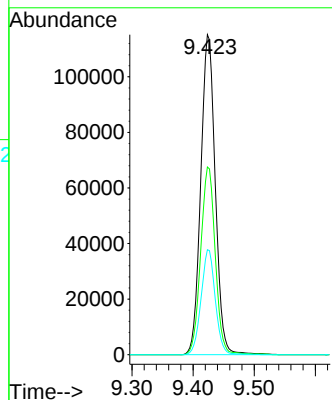
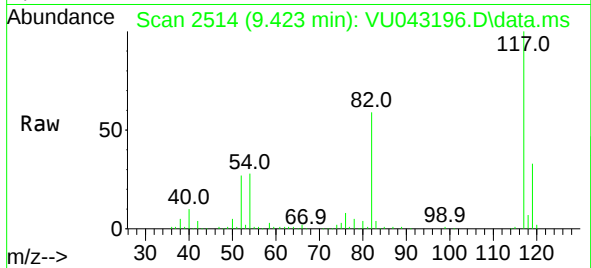




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

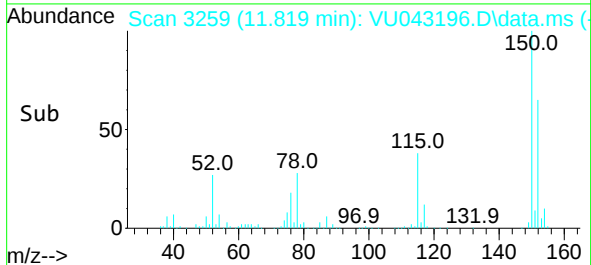
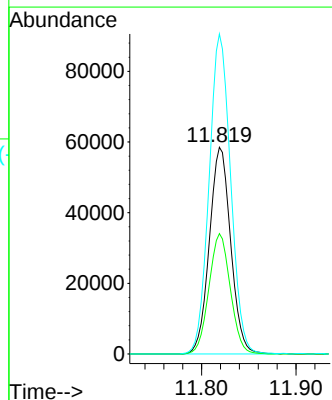
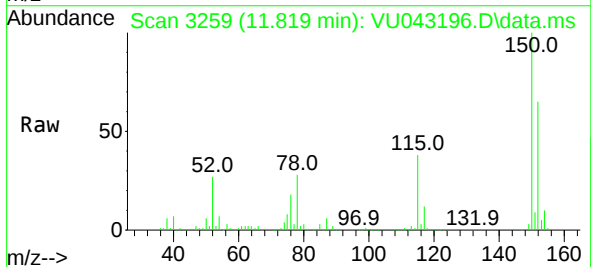
Instrument :
MSVOA_U
ClientSampled :

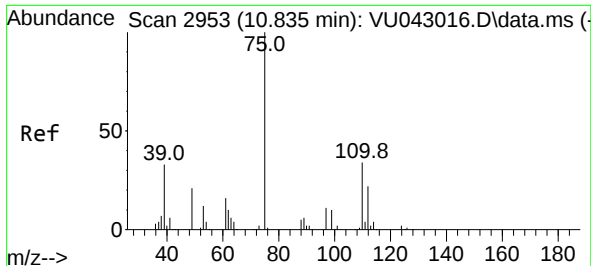
Tgt Ion:117 Resp: 190294
Ion Ratio Lower Upper
117 100
82 58.6 45.8 68.6
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

Tgt Ion:152 Resp: 91864
Ion Ratio Lower Upper
152 100
115 58.2 41.5 124.6
150 156.1 0.0 342.4

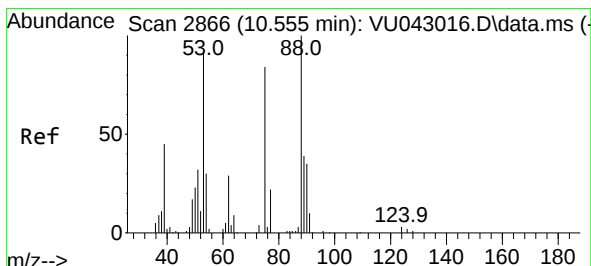
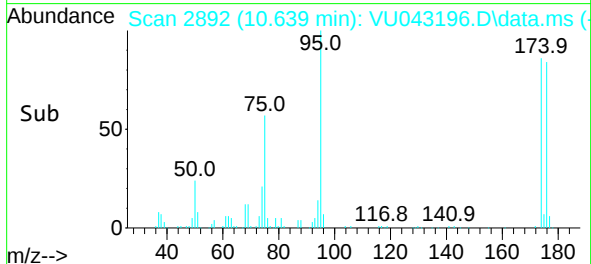
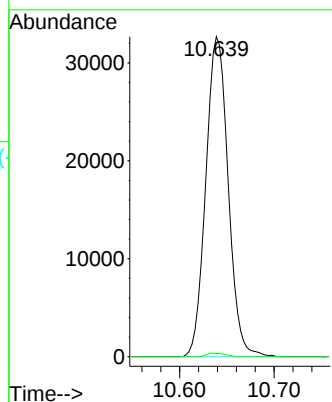
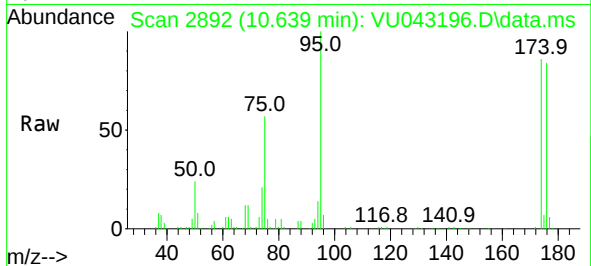




#76
1,2,3-Trichloropropane
Concen: 20.03 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

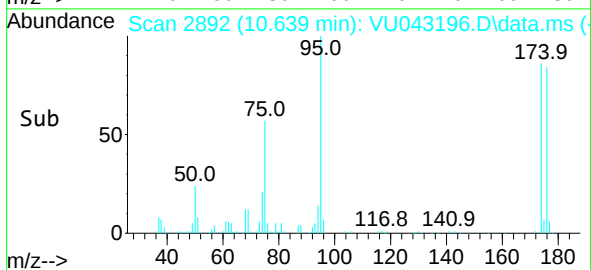
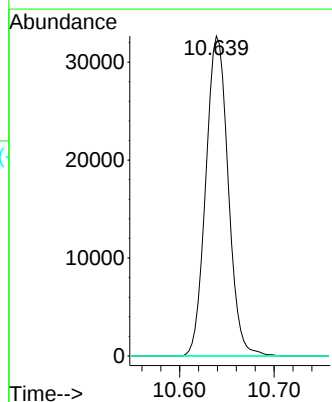
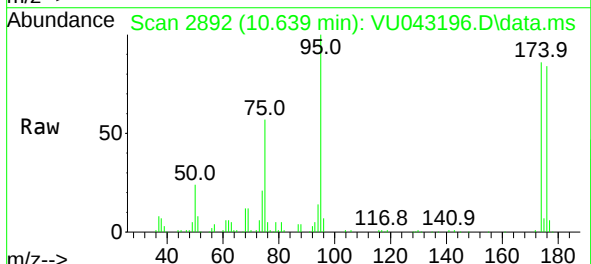
Instrument :
MSVOA_U
ClientSampled :

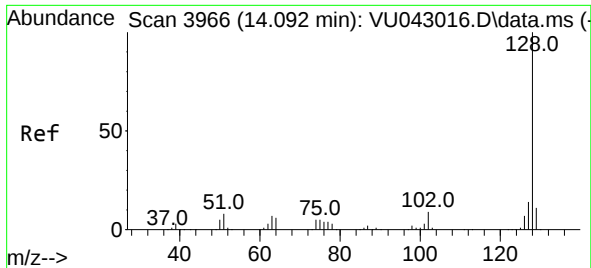
Tgt Ion: 75 Resp: 53775
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.86 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

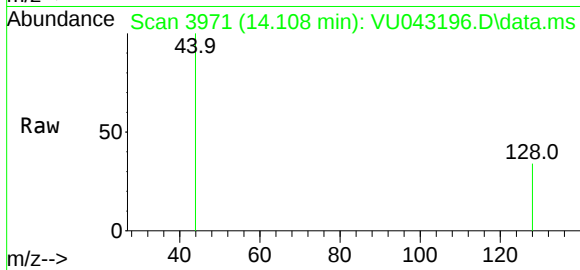
Tgt Ion: 75 Resp: 53775
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.77 ug/l
RT: 14.108 min Scan# 3971
Delta R.T. 0.016 min
Lab File: VU043196.D
Acq: 19 Apr 2021 16:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 214
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

