

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043391.D
 Acq On : 28 Apr 2021 17:13
 Operator : SY/MD
 Sample : M2133-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 08:40:22 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)

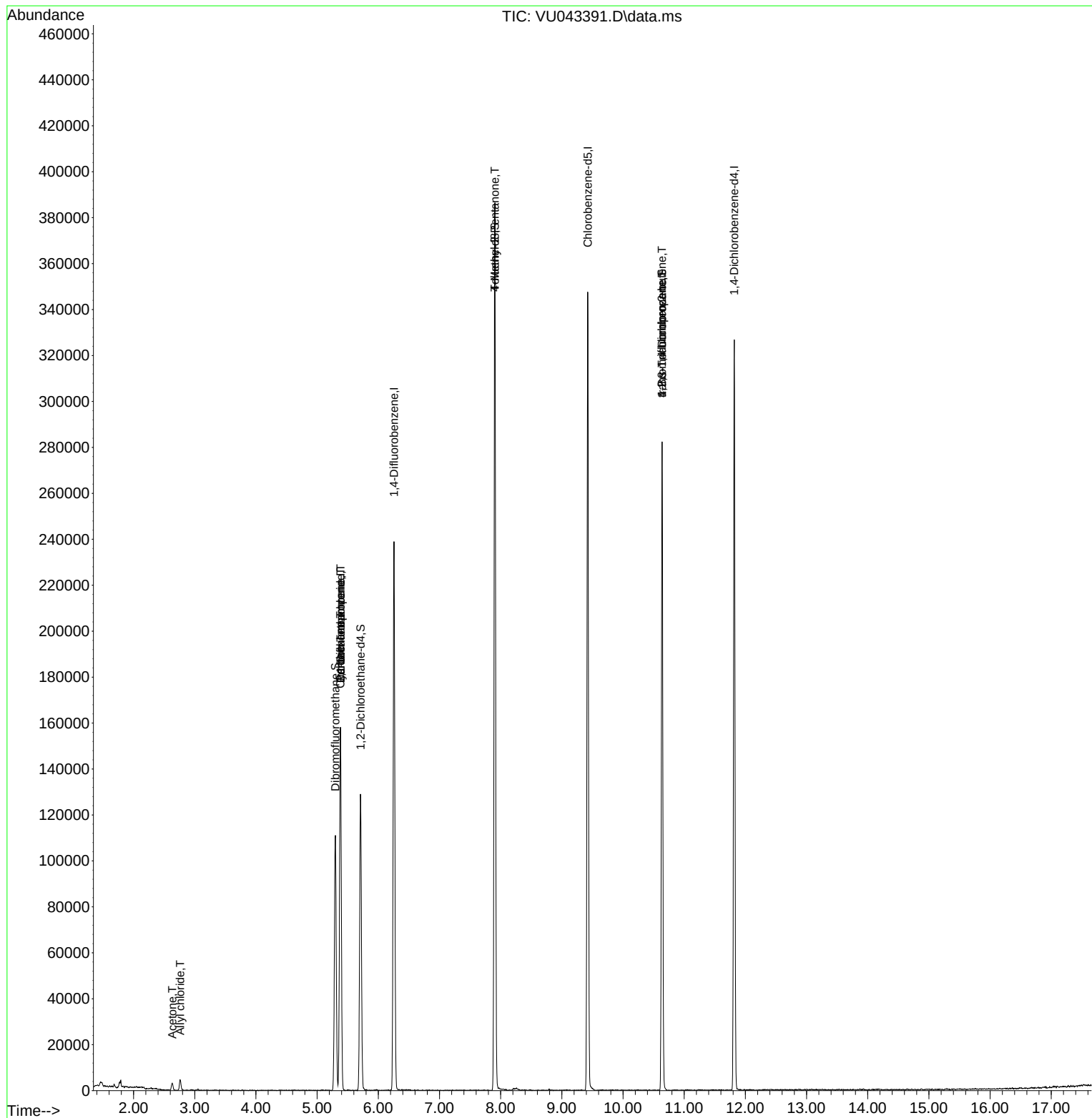
Internal Standards						
1) Pentafluorobenzene	5.382	168	103899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	174207	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	171424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	80217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	98866	56.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.20%	
35) Dibromofluoromethane	5.298	113	68144	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	7.906	98	232226	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	10.639	95	81736	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	505	Below Cal		92
6) Chloroethane	1.925	64	28	Below Cal	#	42
14) Allyl chloride	2.761	41	525	0.22	ug/l #	80
16) Acetone	2.633	43	3678	3.28	ug/l	99
31) Cyclohexane	5.379	56	2864	1.33	ug/l #	6
36) 1,1-Dichloropropene	5.382	75	9197	4.98	ug/l #	48
38) Carbon Tetrachloride	5.382	117	10616	5.36	ug/l #	17
51) 4-Methyl-2-Pentanone	7.906	43	1293	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	47263	20.16	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	47263	59.25	ug/l #	7

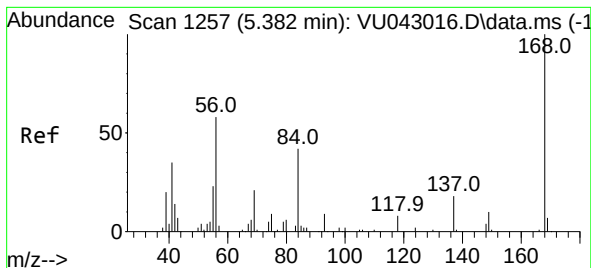
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
Data File : VU043391.D
Acq On : 28 Apr 2021 17:13
Operator : SY/MD
Sample : M2133-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 29 08:40:22 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

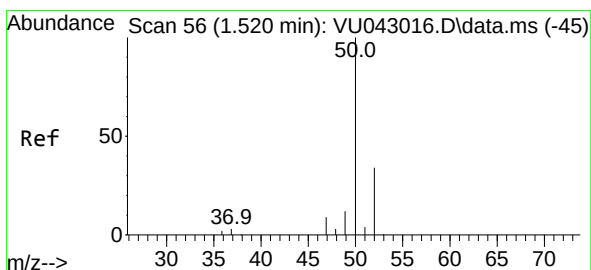
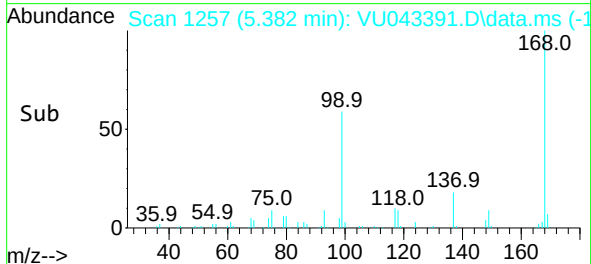
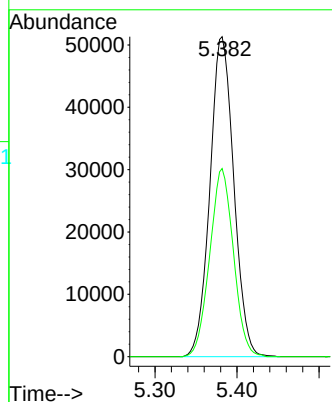
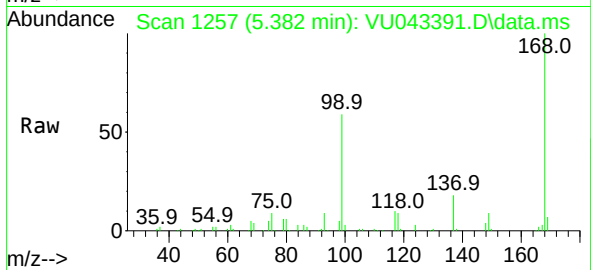




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043391.D
Acq: 28 Apr 2021 17:13

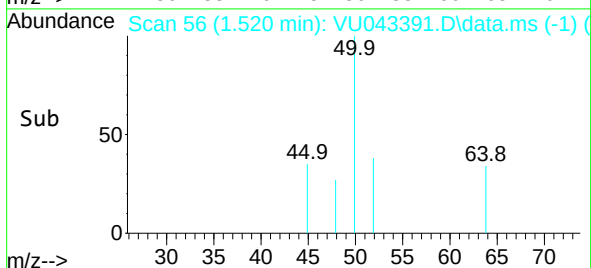
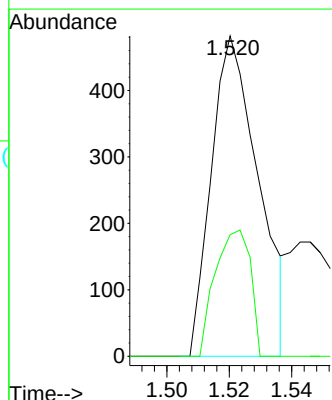
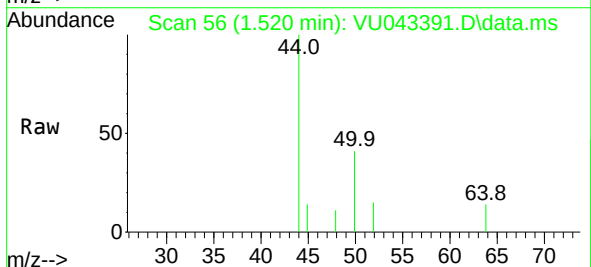
Instrument :
MSVOA_U
ClientSampled :

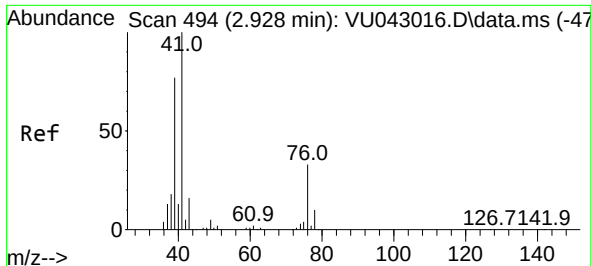
Tgt Ion:168 Resp: 103899
Ion Ratio Lower Upper
168 100
99 58.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043391.D
Acq: 28 Apr 2021 17:13

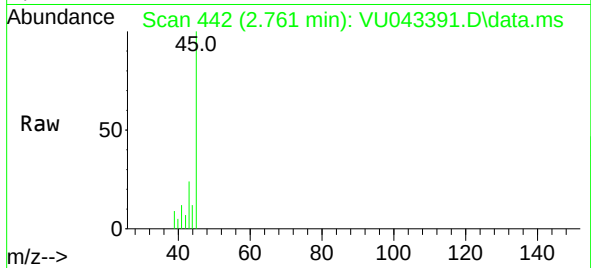
Tgt Ion: 50 Resp: 505
Ion Ratio Lower Upper
50 100
52 38.0 26.6 40.0



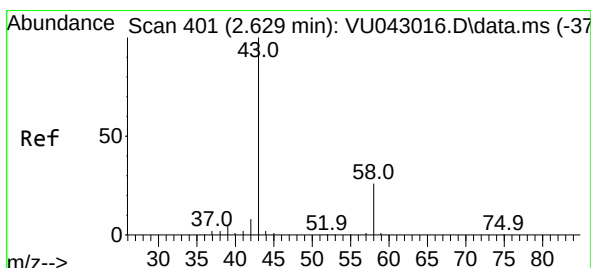
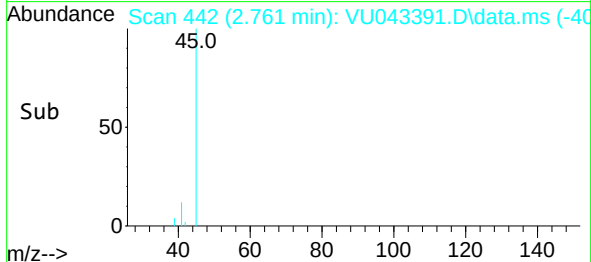
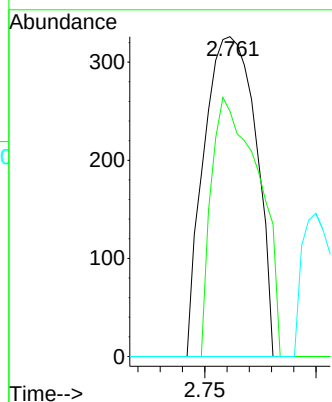


#14
 Allyl chloride
 Concen: 0.22 ug/l
 RT: 2.761 min Scan# 442
 Delta R.T. -0.167 min
 Lab File: VU043391.D
 Acq: 28 Apr 2021 17:13

Instrument :
 MSVOA_U
 ClientSampleId :

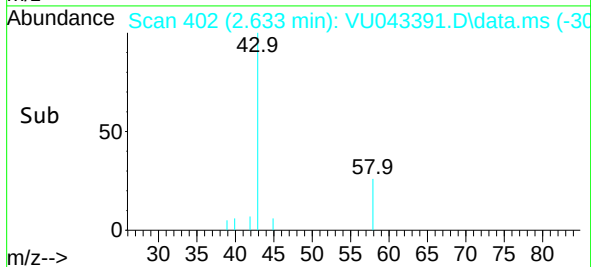
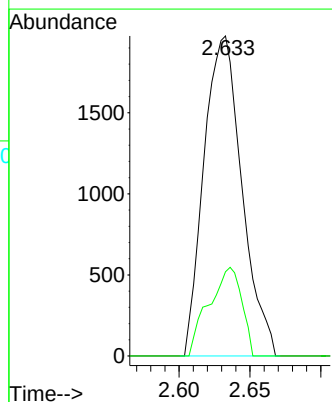
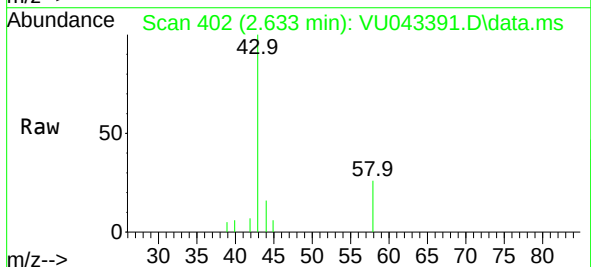


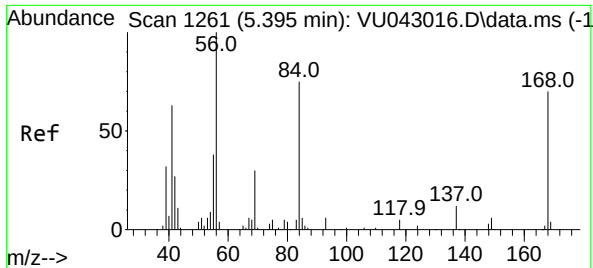
Tgt Ion: 41 Resp: 525
 Ion Ratio Lower Upper
 41 100
 39 74.3 54.9 82.3
 76 0.0 22.5 33.7#



#16
 Acetone
 Concen: 3.28 ug/l
 RT: 2.633 min Scan# 402
 Delta R.T. 0.004 min
 Lab File: VU043391.D
 Acq: 28 Apr 2021 17:13

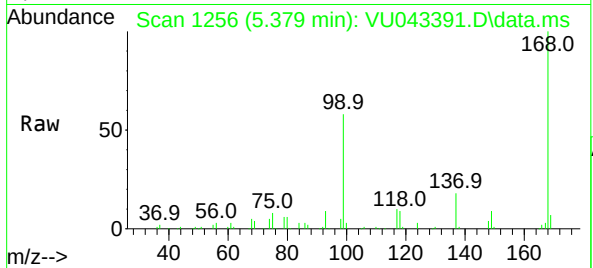
Tgt Ion: 43 Resp: 3678
 Ion Ratio Lower Upper
 43 100
 58 26.3 21.5 32.3



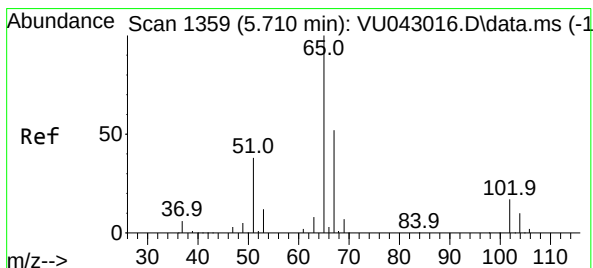
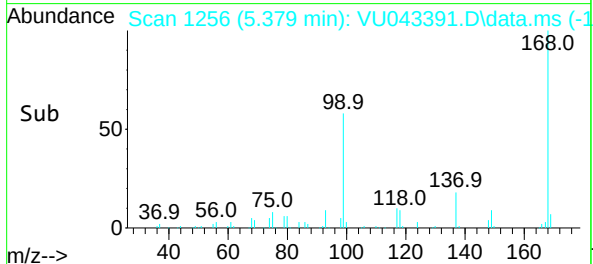
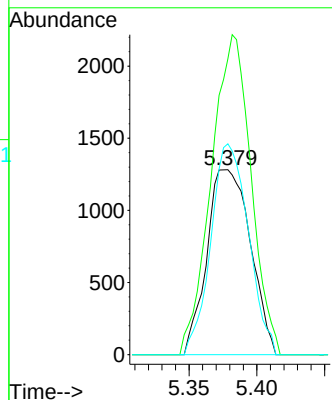


#31
Cyclohexane
Concen: 1.33 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043391.D
Acq: 28 Apr 2021 17:13

Instrument :
MSVOA_U
ClientSampleId :

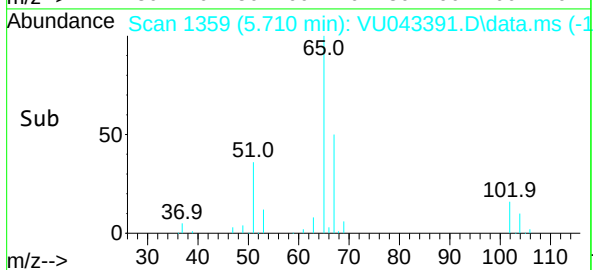
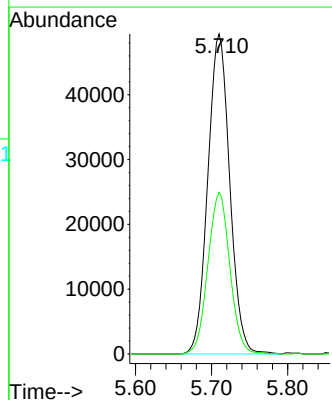
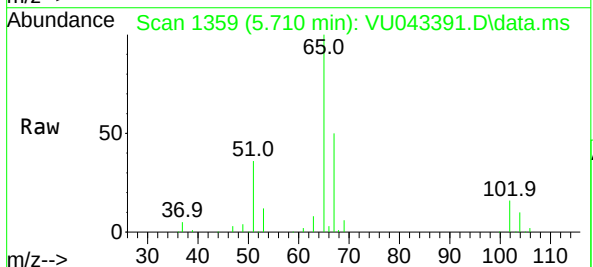


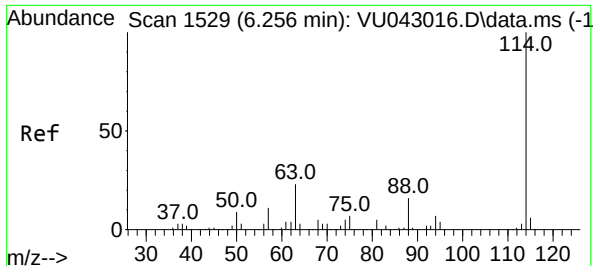
Tgt Ion: 56 Resp: 2864
Ion Ratio Lower Upper
56 100
69 160.0 24.9 37.3#
84 114.0 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 56.60 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043391.D
Acq: 28 Apr 2021 17:13

Tgt Ion: 65 Resp: 98866
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.8

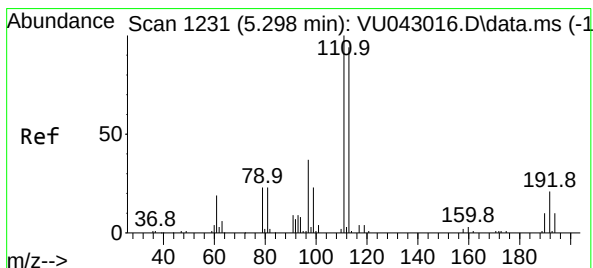
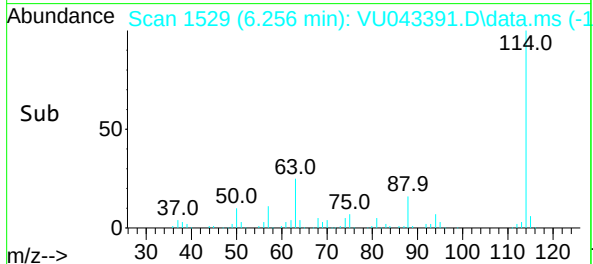
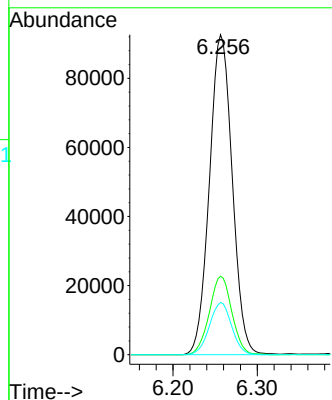
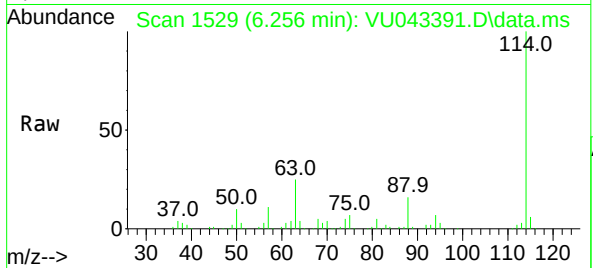




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043391.D
Acq: 28 Apr 2021 17:13

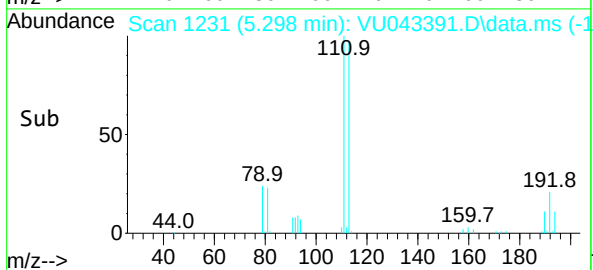
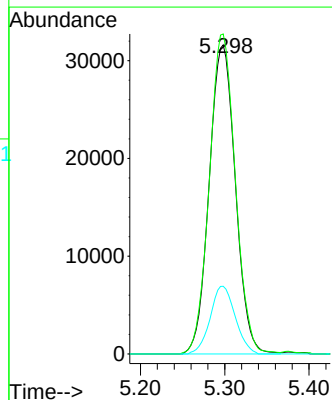
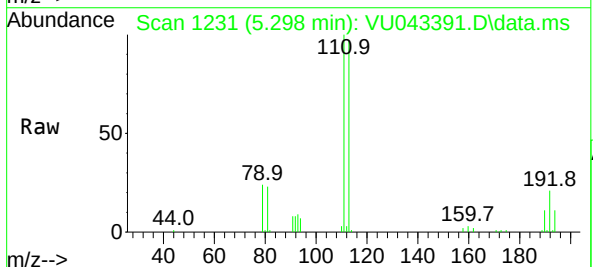
Instrument :
MSVOA_U
ClientSampled :

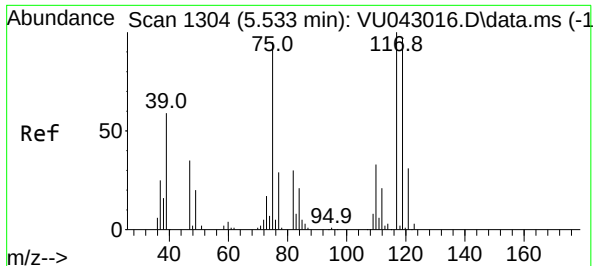
Tgt Ion:114 Resp: 174207
Ion Ratio Lower Upper
114 100
63 24.5 0.0 44.2
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.06 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043391.D
Acq: 28 Apr 2021 17:13

Tgt Ion:113 Resp: 68144
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 21.0 17.2 25.8



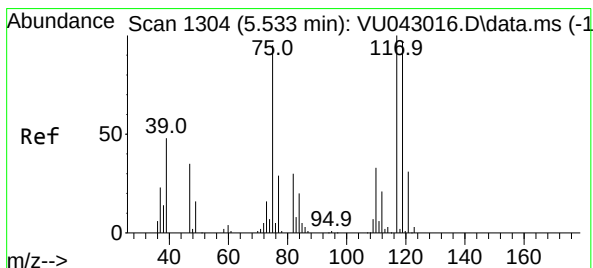
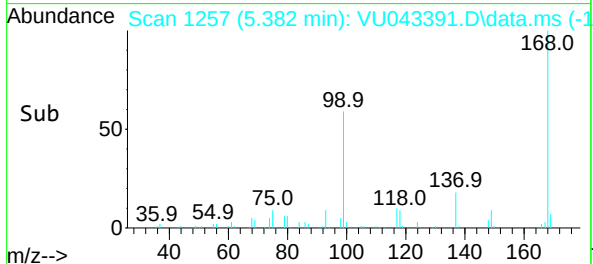
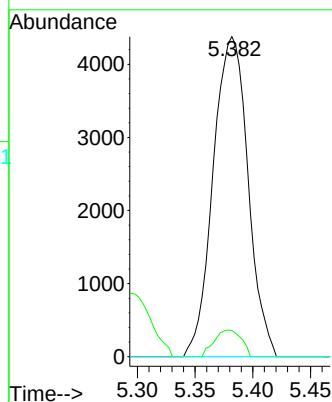
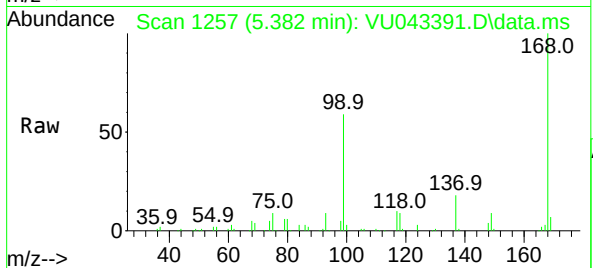


#36

1,1-Dichloropropene
Concen: 4.98 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043391.D
Acq: 28 Apr 2021 17:13

Instrument :
MSVOA_U
ClientSampled :

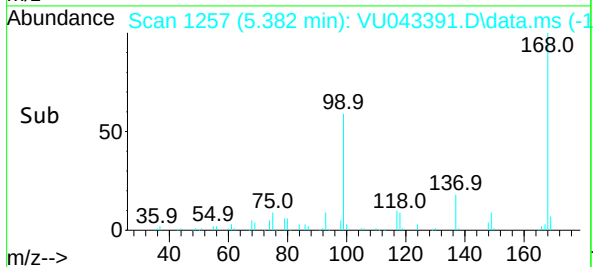
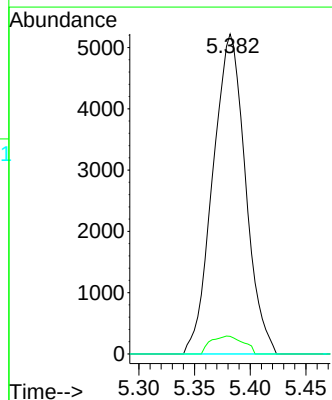
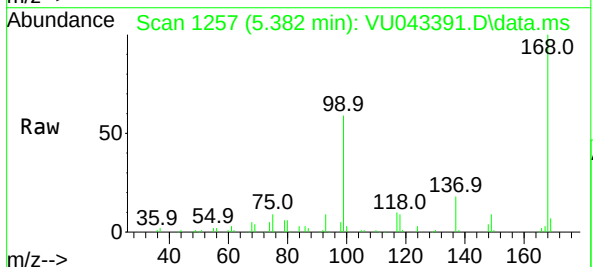
Tgt Ion: 75 Resp: 9197
Ion Ratio Lower Upper
75 100
110 6.5 16.8 50.3#
77 0.0 24.8 37.2#

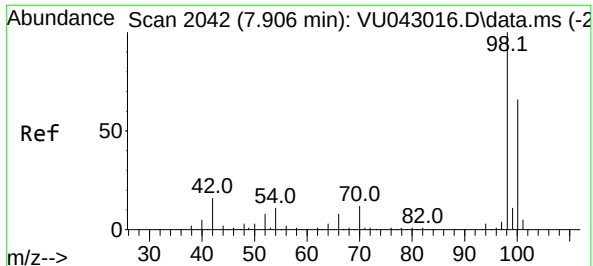


#38

Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043391.D
Acq: 28 Apr 2021 17:13

Tgt Ion: 117 Resp: 10616
Ion Ratio Lower Upper
117 100
119 5.5 75.5 113.3#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 50.13 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043391.D

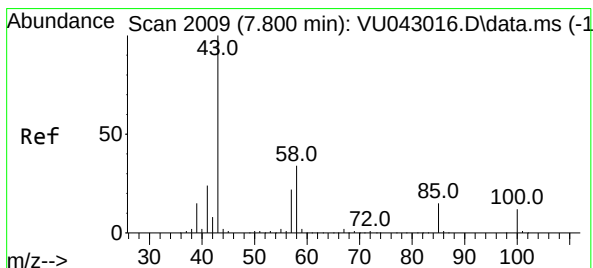
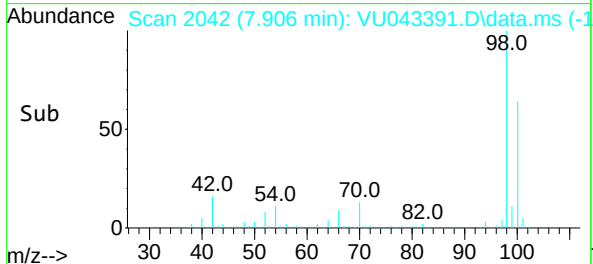
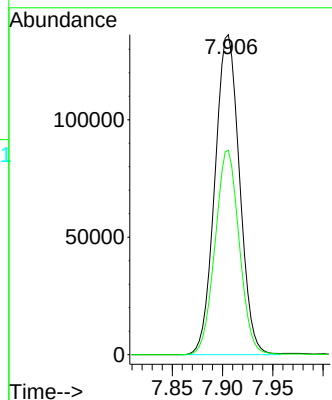
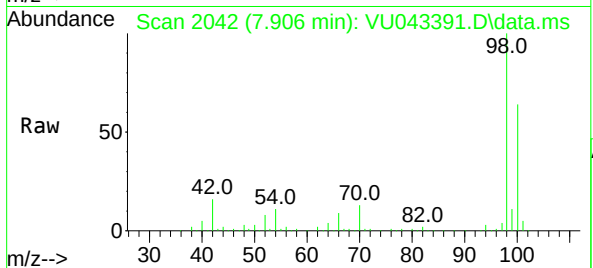
Acq: 28 Apr 2021 17:13

Tgt Ion: 98 Resp: 232226

Ion Ratio Lower Upper

98 100

100 62.7 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 0.39 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. 0.106 min

Lab File: VU043391.D

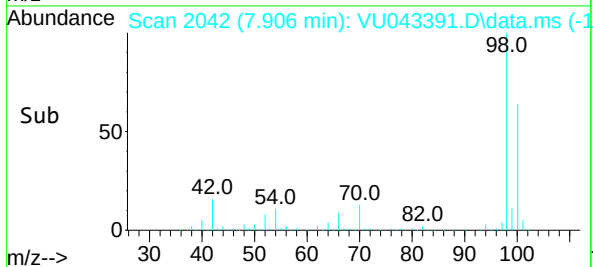
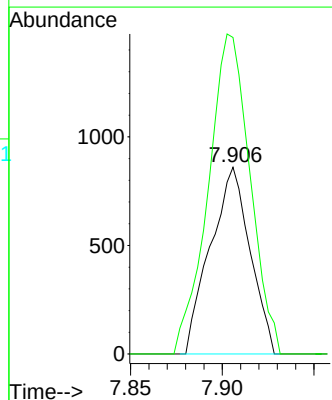
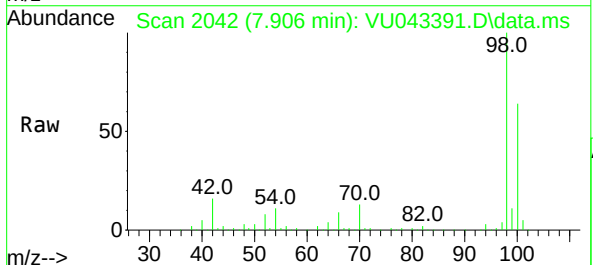
Acq: 28 Apr 2021 17:13

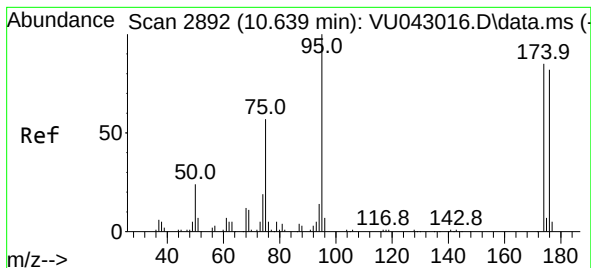
Tgt Ion: 43 Resp: 1293

Ion Ratio Lower Upper

43 100

58 180.5 28.1 42.1#

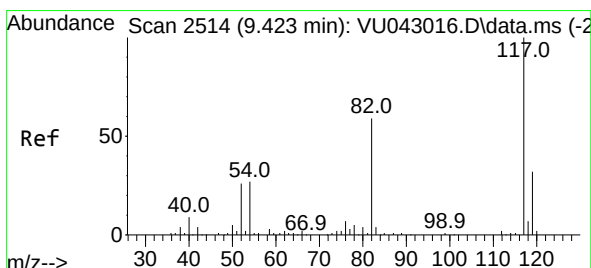
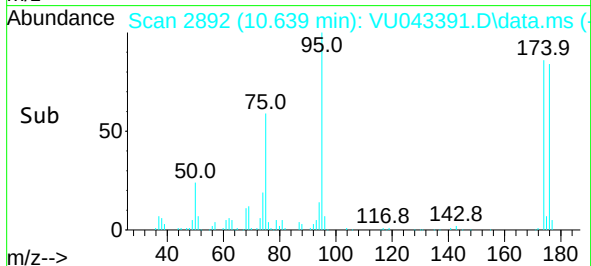
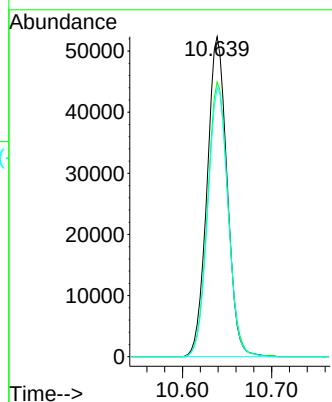
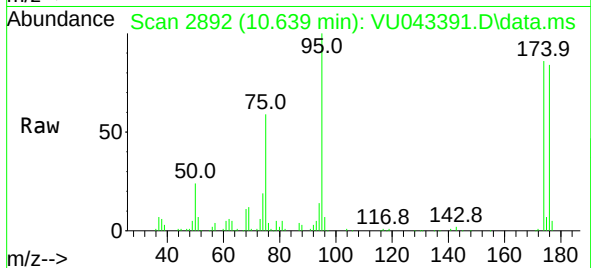




#62
4-Bromofluorobenzene
Concen: 44.07 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043391.D
Acq: 28 Apr 2021 17:13

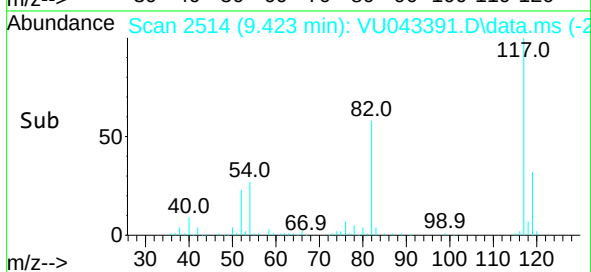
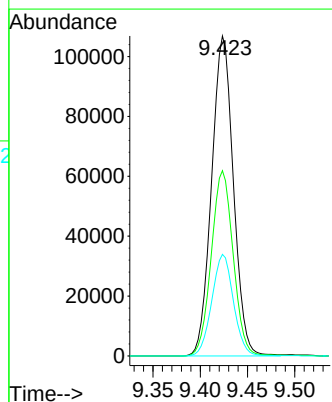
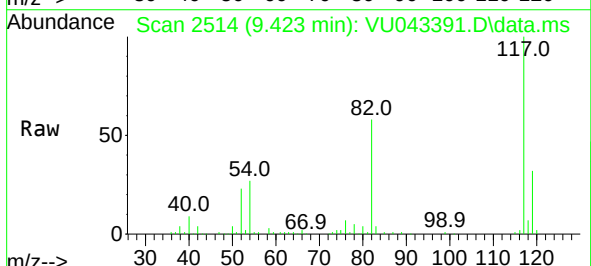
Instrument :
MSVOA_U
ClientSampleId :

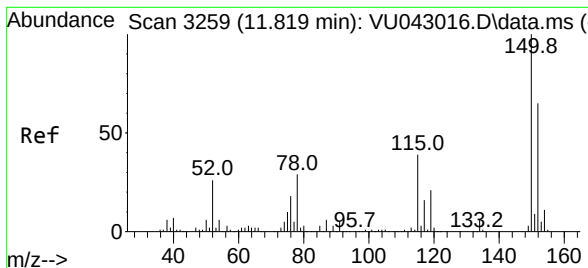
Tgt Ion: 95 Resp: 81736
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.2
176 85.3 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043391.D
Acq: 28 Apr 2021 17:13

Tgt Ion: 117 Resp: 171424
Ion Ratio Lower Upper
117 100
82 57.9 45.8 68.6
119 31.7 25.8 38.8

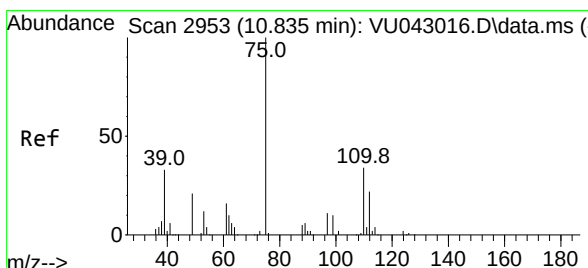
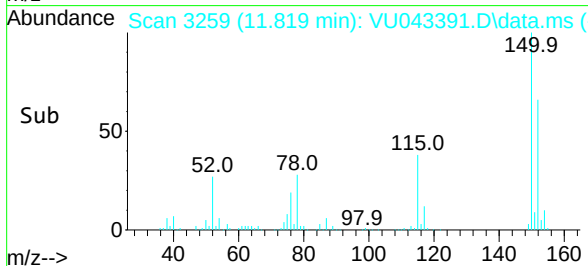
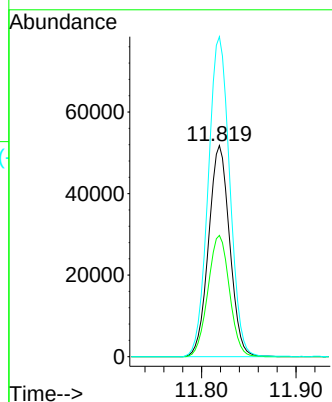
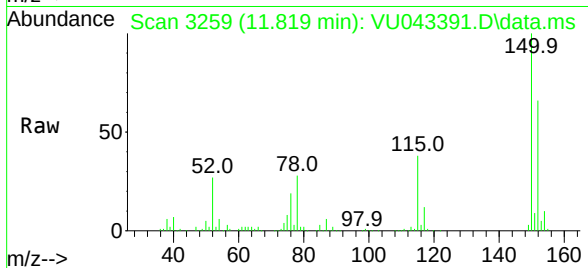




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043391.D
 Acq: 28 Apr 2021 17:13

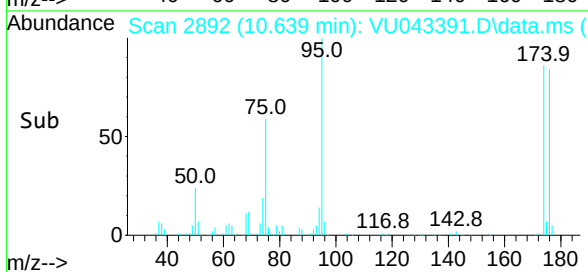
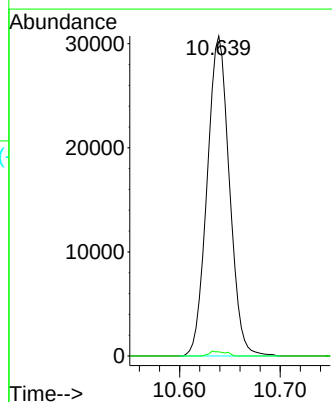
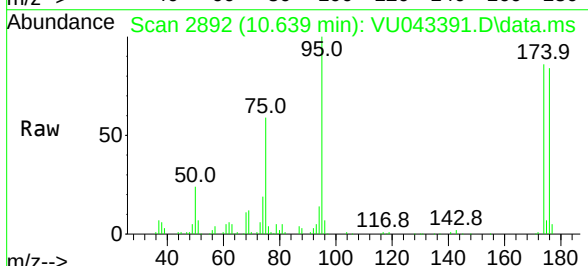
Instrument :
 MSVOA_U
 ClientSampled :

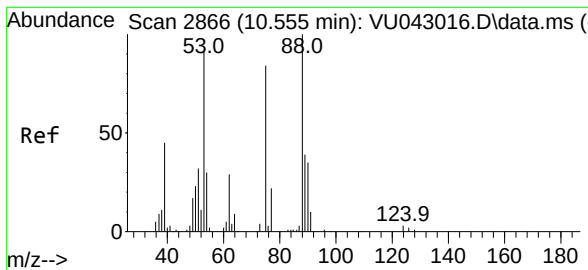
Tgt Ion:152 Resp: 80217
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.5 124.6
 150 154.9 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.16 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043391.D
 Acq: 28 Apr 2021 17:13

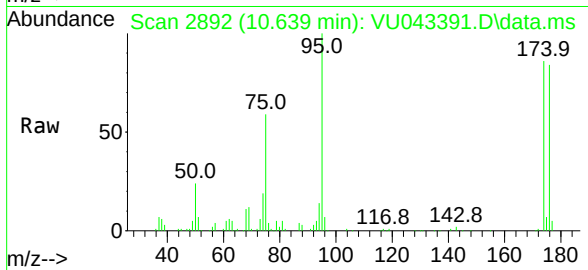
Tgt Ion: 75 Resp: 47263
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.2 60.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.25 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.084 min
 Lab File: VU043391.D
 Acq: 28 Apr 2021 17:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 47263
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.6 128.4#
 89 0.0 35.7 53.5#

