

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043194.D
 Acq On : 19 Apr 2021 15:17
 Operator : SY/MD
 Sample : M2069-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:55:56 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)

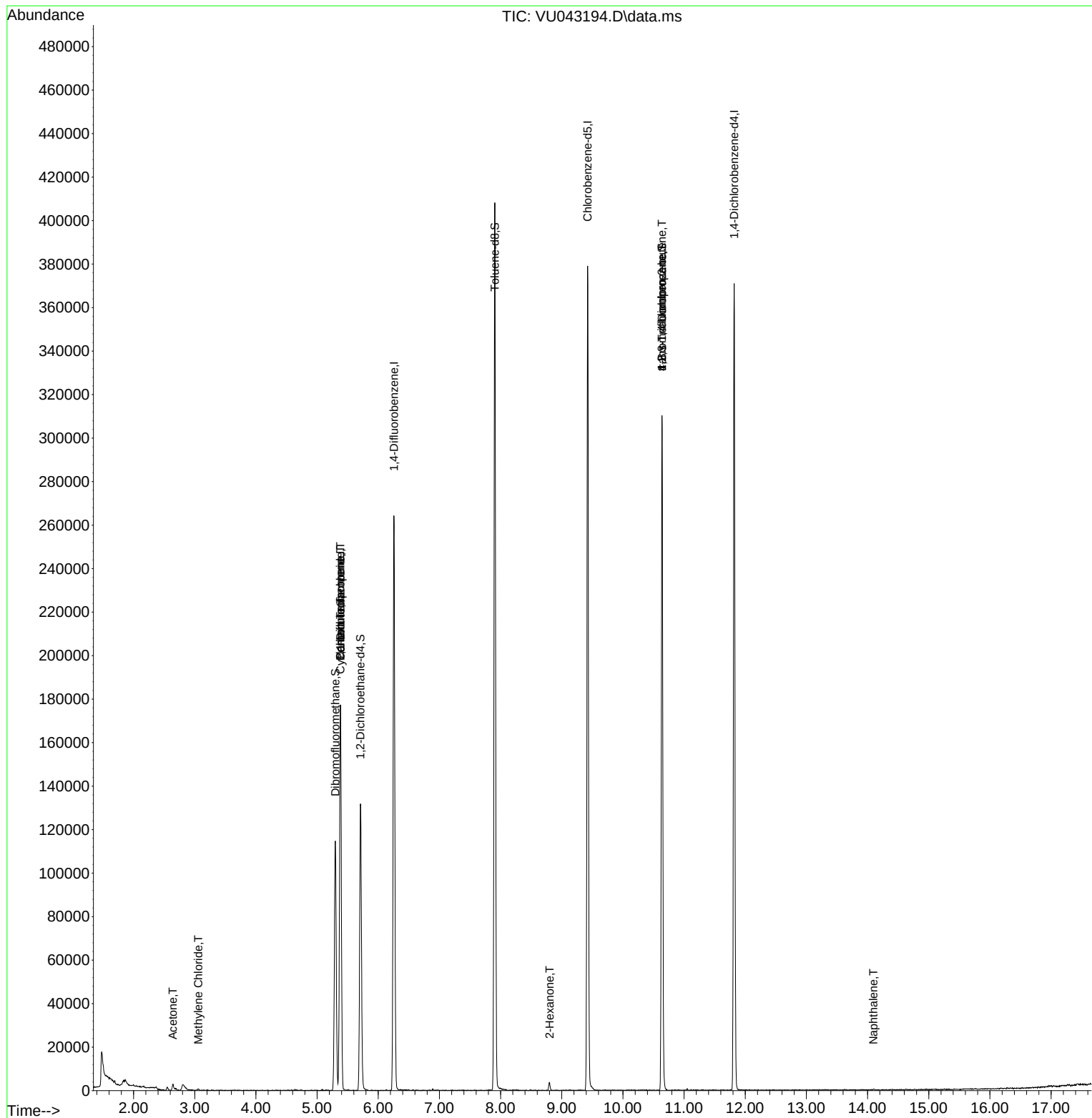
Internal Standards						
1) Pentafluorobenzene	5.382	168	118695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	196935	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	190907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	103908	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	5.298	113	70987	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	7.906	98	249413	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	10.639	95	91110	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.90%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	373	Below Cal	#	41
16) Acetone	2.642	43	3512	2.69	ug/l	97
20) Methylene Chloride	3.060	84	343	0.24	ug/l #	51
31) Cyclohexane	5.378	56	3151	1.28	ug/l #	31
36) 1,1-Dichloropropene	5.382	75	10009	4.79	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12281	5.48	ug/l #	17
59) 2-Hexanone	8.803	43	669	0.22	ug/l #	29
76) 1,2,3-Trichloropropane	10.639	75	53229	19.68	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	53229	57.83	ug/l #	7
95) Naphthalene	14.095	128	446	2.80	ug/l #	69

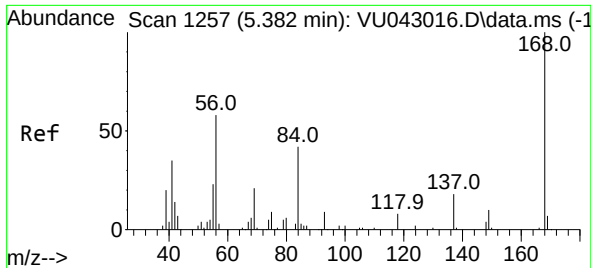
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Apr 20 02:55:56 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

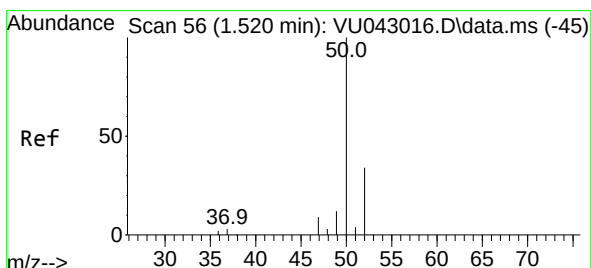
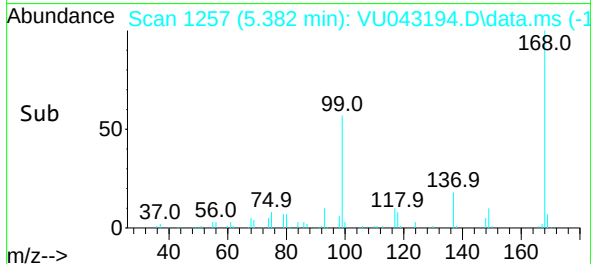
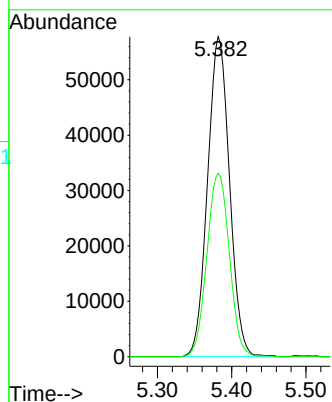
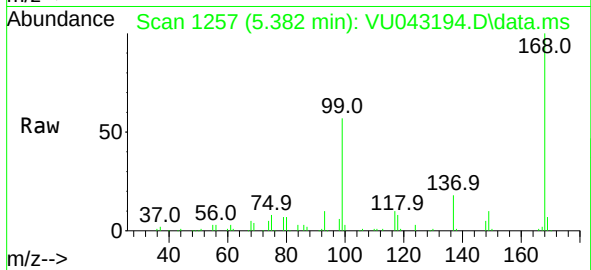




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

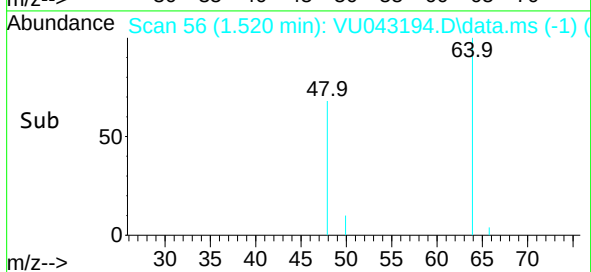
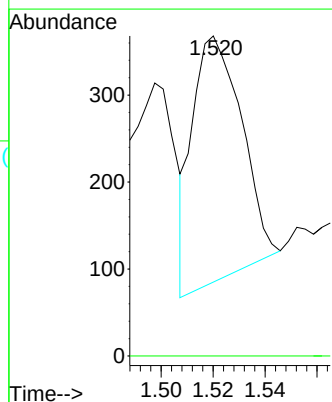
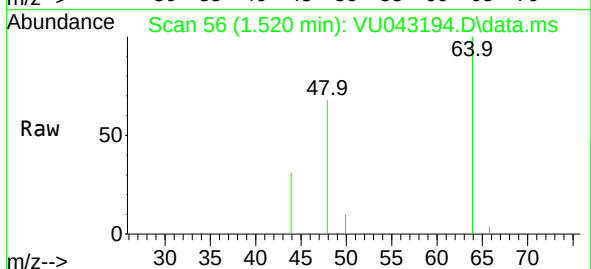
Instrument :
MSVOA_U
ClientSampled :

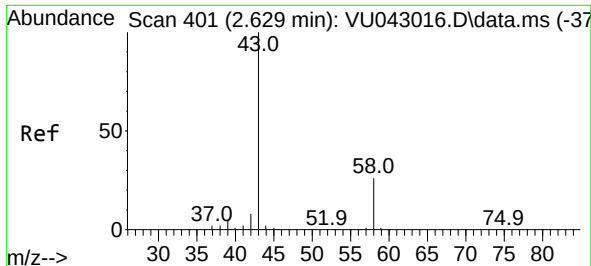
Tgt Ion:168 Resp: 118695
Ion Ratio Lower Upper
168 100
99 57.3 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

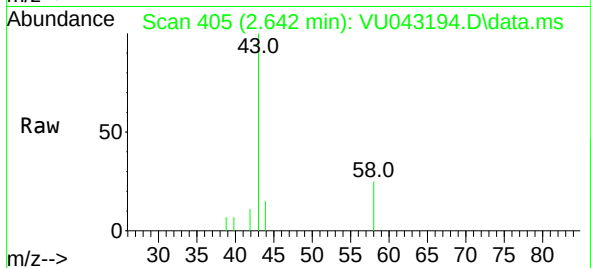
Tgt Ion: 50 Resp: 373
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



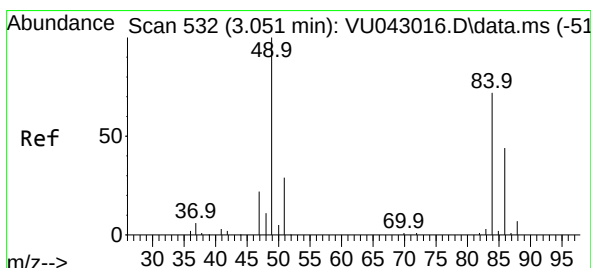
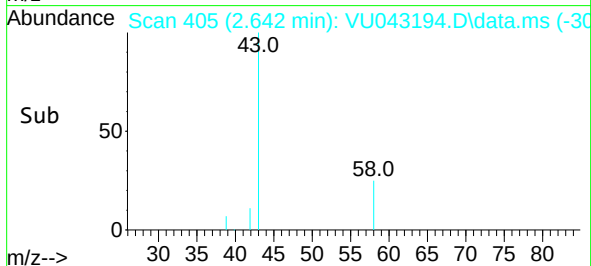
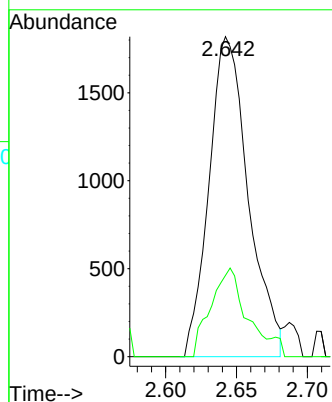


#16
Acetone
Concen: 2.69 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

Instrument :
MSVOA_U
ClientSampled :

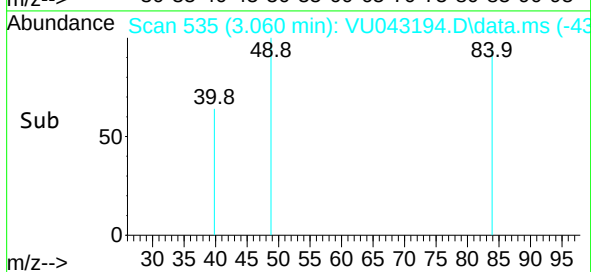
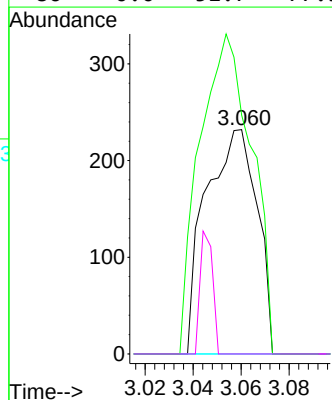
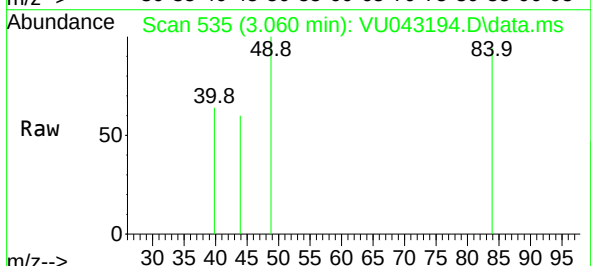


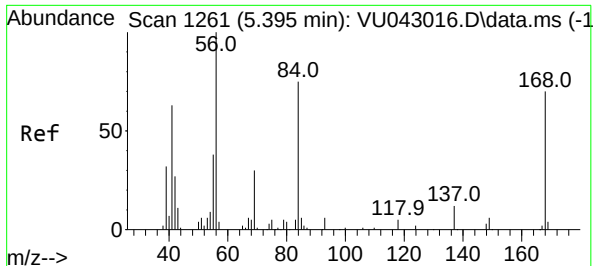
Tgt Ion: 43 Resp: 3512
Ion Ratio Lower Upper
43 100
58 25.4 21.5 32.3



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 3.060 min Scan# 535
Delta R.T. 0.009 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

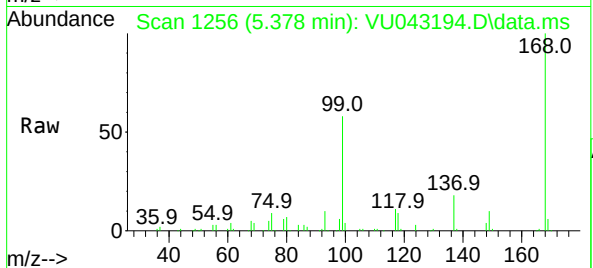
Tgt Ion: 84 Resp: 343
Ion Ratio Lower Upper
84 100
49 106.5 112.6 169.0#
51 0.0 33.7 50.5#
86 0.0 51.7 77.5#



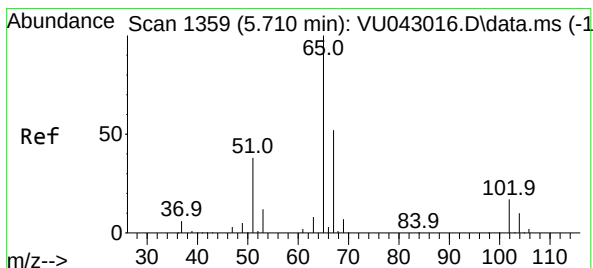
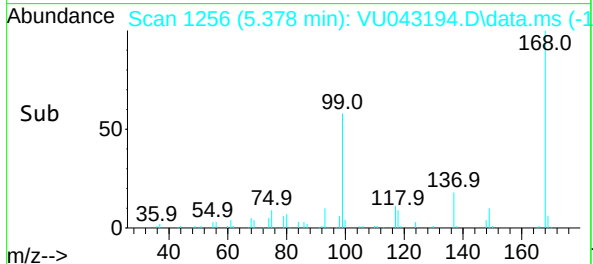
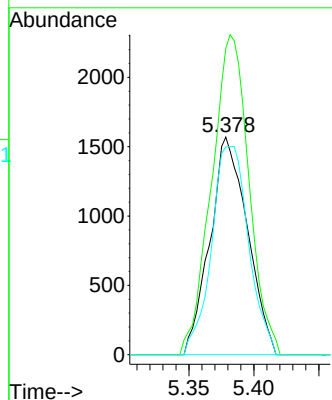


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

Instrument :
MSVOA_U
ClientSampled :

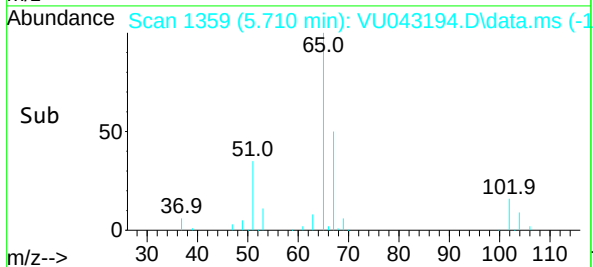
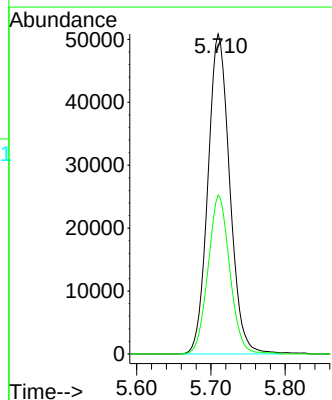
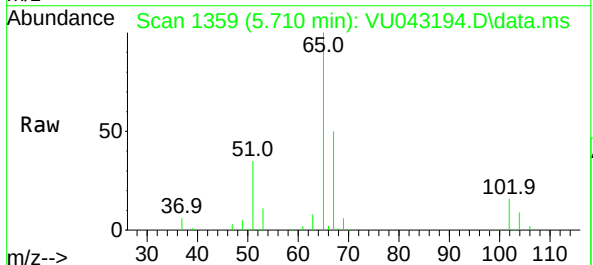


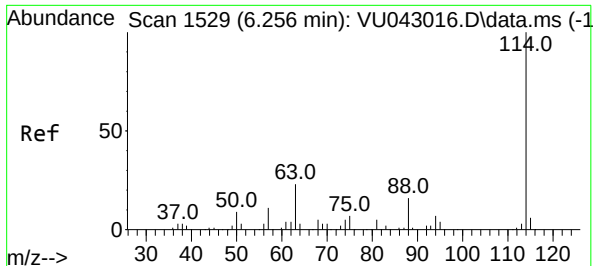
Tgt Ion: 56 Resp: 3151
Ion Ratio Lower Upper
56 100
69 140.8 24.9 37.3#
84 95.5 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 52.07 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

Tgt Ion: 65 Resp: 103908
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.8

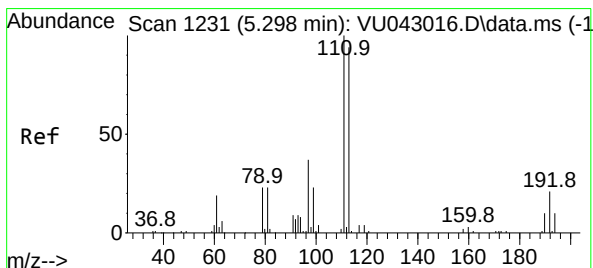
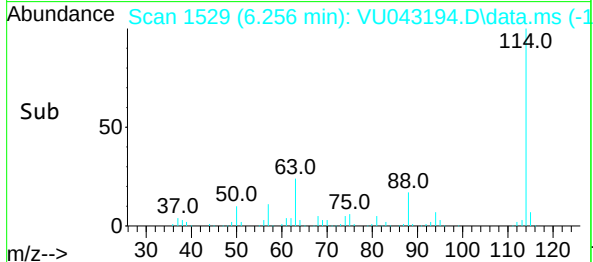
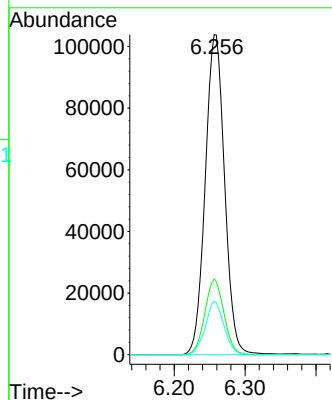
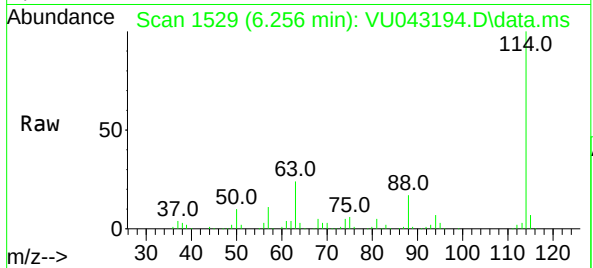




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

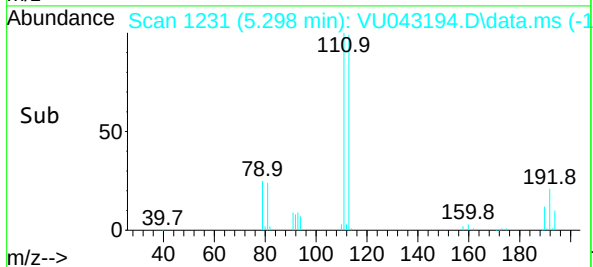
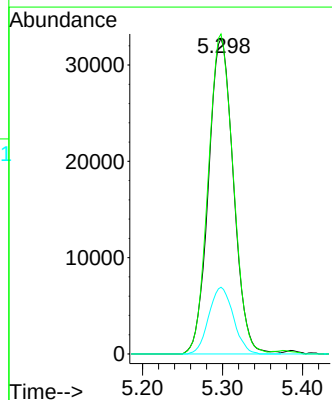
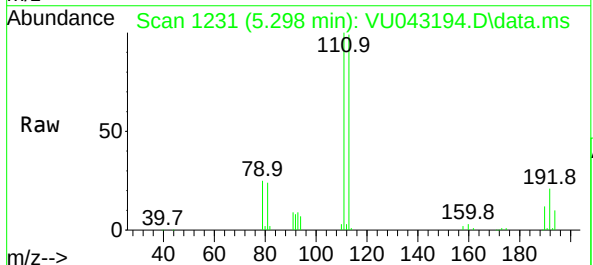
Instrument :
MSVOA_U
ClientSampled :

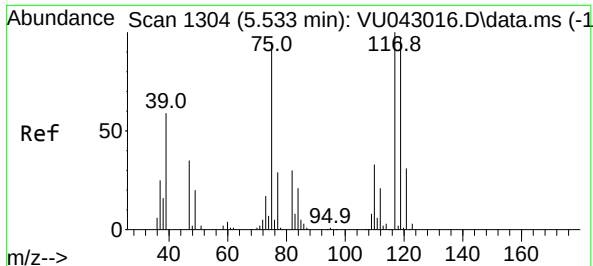
Tgt Ion:114 Resp: 196935
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 16.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.97 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

Tgt Ion:113 Resp: 70987
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 20.8 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.79 ug/l

RT: 5.382 min Scan# 1257

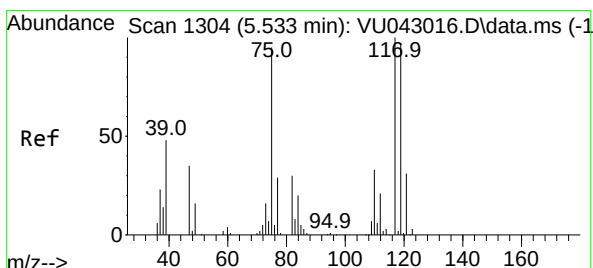
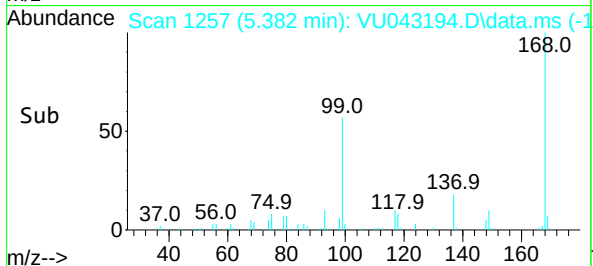
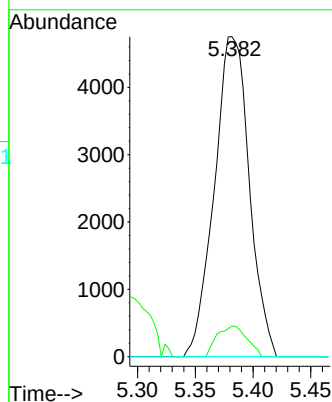
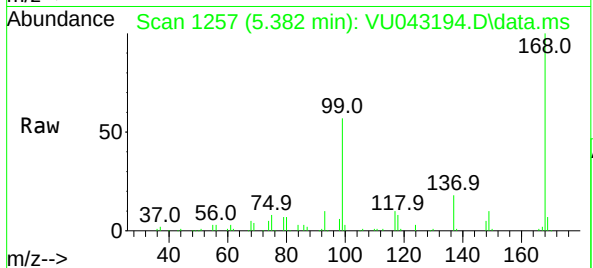
Delta R.T. -0.151 min

Lab File: VU043194.D

Acq: 19 Apr 2021 15:17

Tgt Ion:	75	Resp:	10009
Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :
MSVOA_U
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.48 ug/l

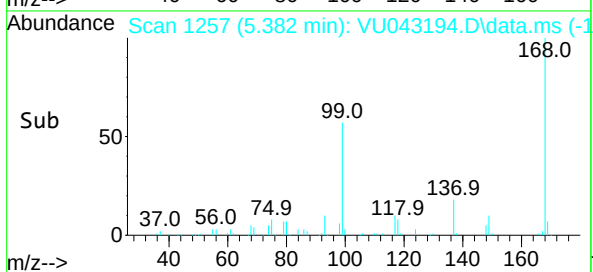
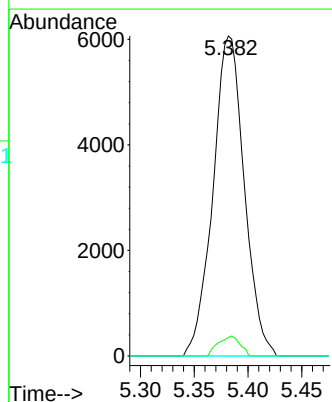
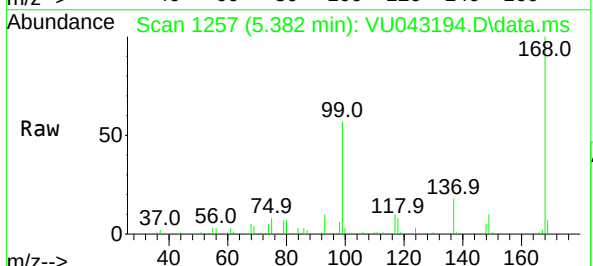
RT: 5.382 min Scan# 1257

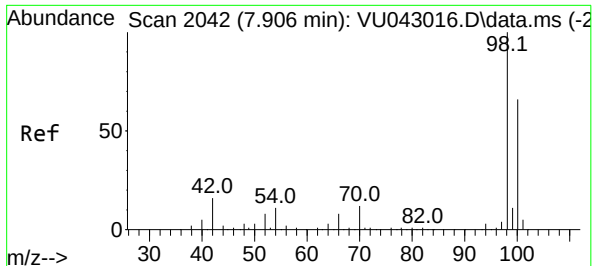
Delta R.T. -0.151 min

Lab File: VU043194.D

Acq: 19 Apr 2021 15:17

Tgt Ion:	117	Resp:	12281
Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.5	113.3#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 47.63 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043194.D

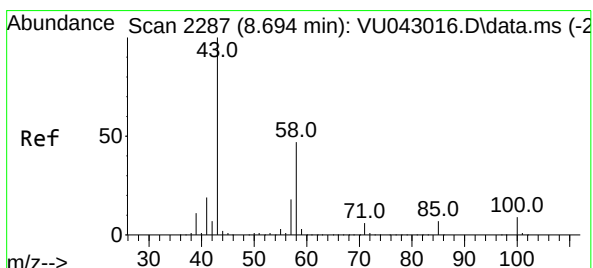
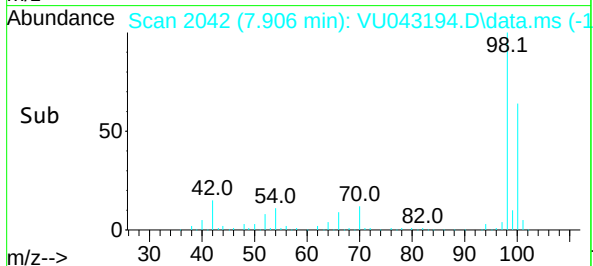
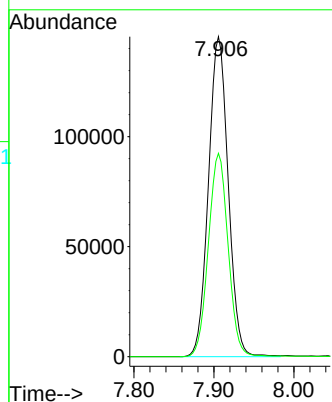
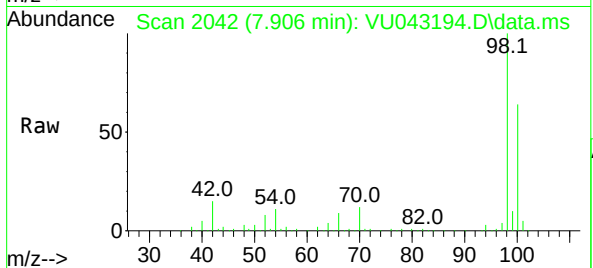
Acq: 19 Apr 2021 15:17

Tgt Ion: 98 Resp: 249413

Ion Ratio Lower Upper

98 100

100 63.6 50.2 75.2



#59

2-Hexanone

Concen: 0.22 ug/l

RT: 8.803 min Scan# 2321

Delta R.T. 0.109 min

Lab File: VU043194.D

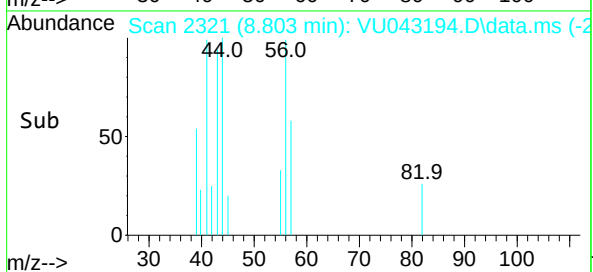
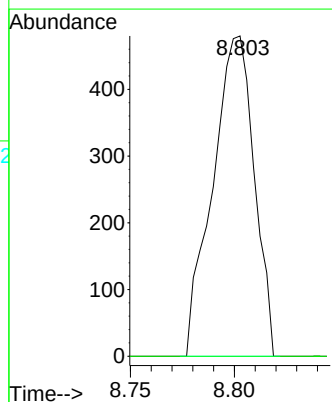
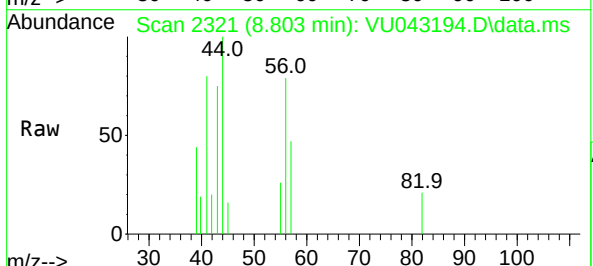
Acq: 19 Apr 2021 15:17

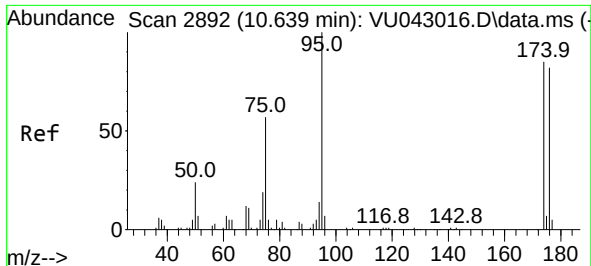
Tgt Ion: 43 Resp: 669

Ion Ratio Lower Upper

43 100

58 0.0 24.0 72.0#

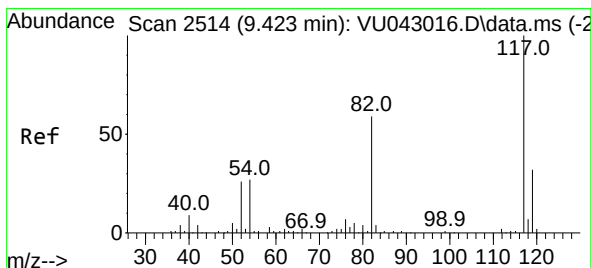
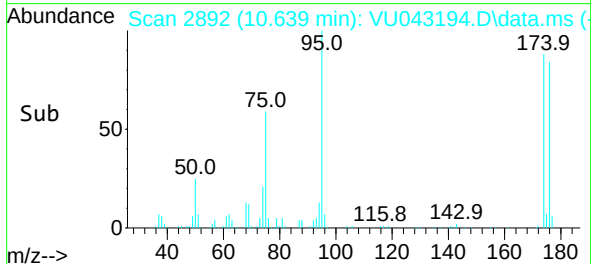
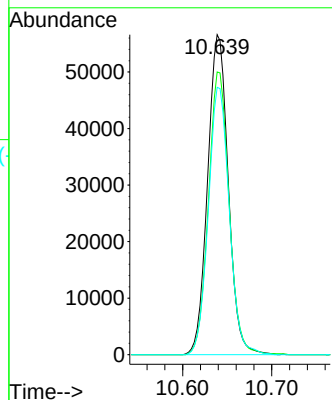
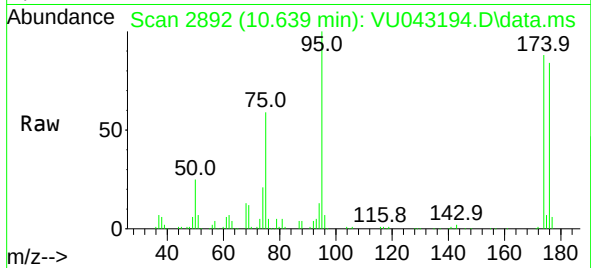




#62
4-Bromofluorobenzene
Concen: 43.45 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

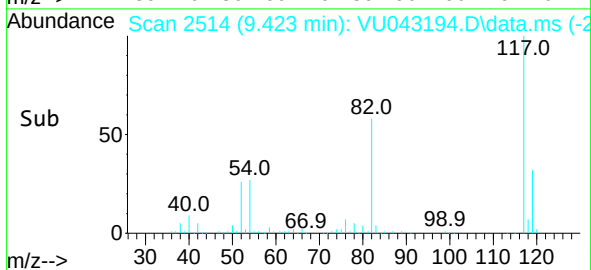
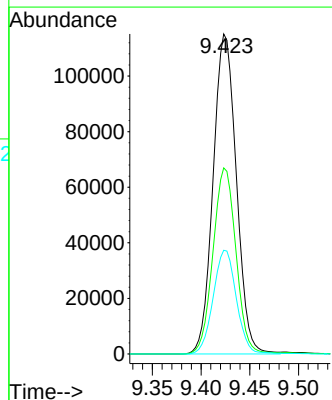
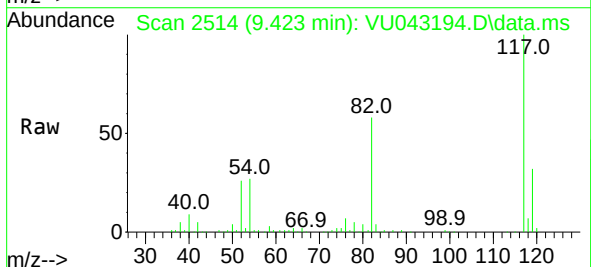
Instrument :
MSVOA_U
ClientSampleId :

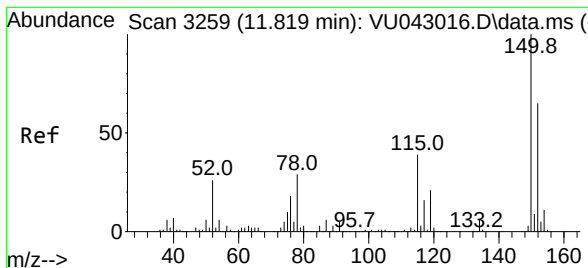
Tgt Ion: 95 Resp: 91110
Ion Ratio Lower Upper
95 100
174 88.5 0.0 172.2
176 84.6 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

Tgt Ion: 117 Resp: 190907
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.6
119 32.4 25.8 38.8

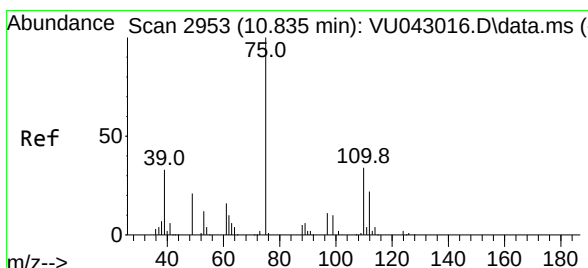
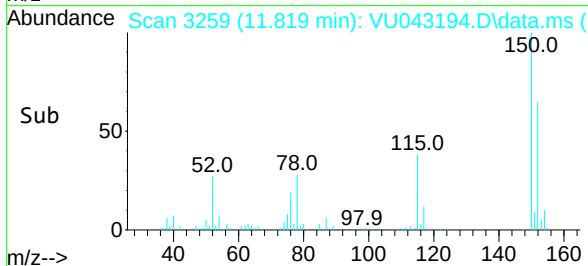
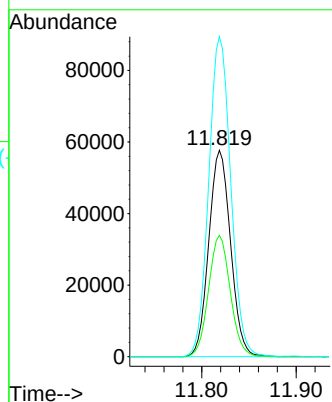
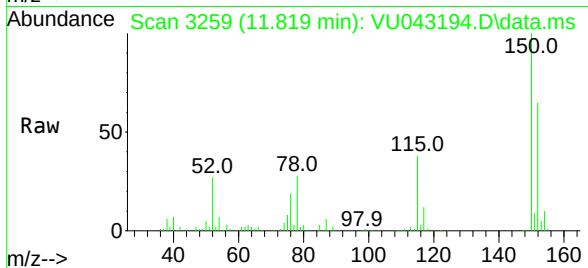




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043194.D
 Acq: 19 Apr 2021 15:17

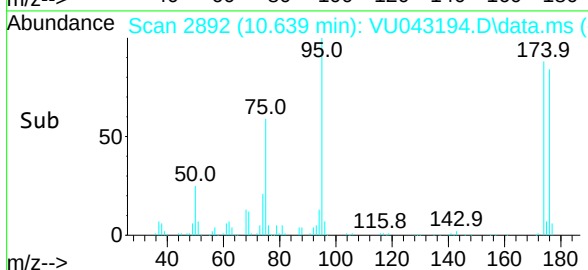
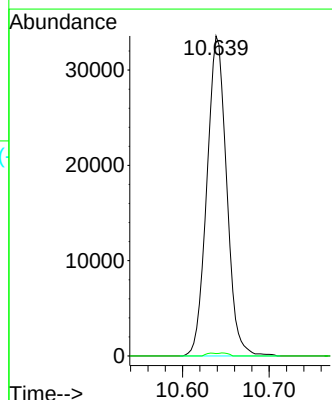
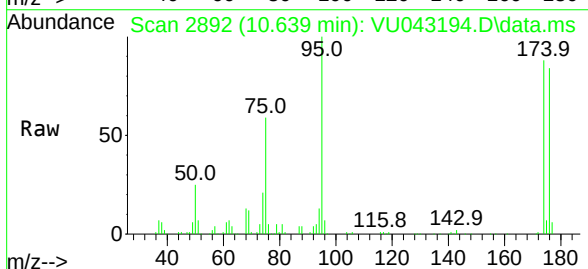
Instrument :
 MSVOA_U
 ClientSampled :

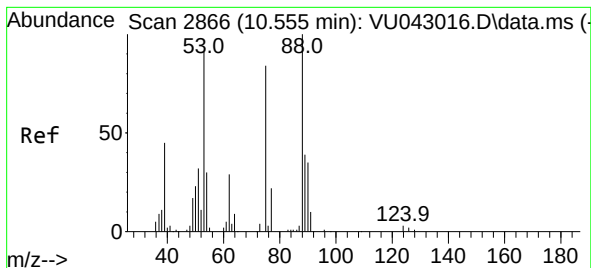
Tgt Ion:152 Resp: 92558
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.5 124.6
 150 156.6 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.68 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043194.D
 Acq: 19 Apr 2021 15:17

Tgt Ion: 75 Resp: 53229
 Ion Ratio Lower Upper
 75 100
 77 0.4 20.2 60.5#

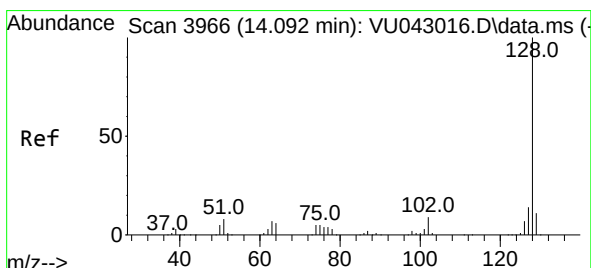
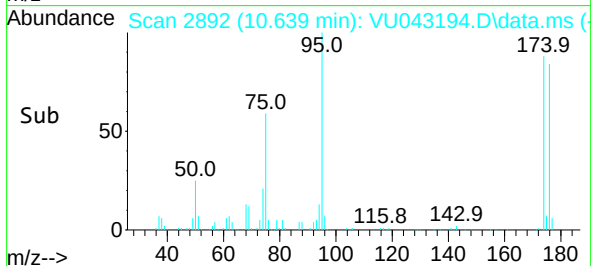
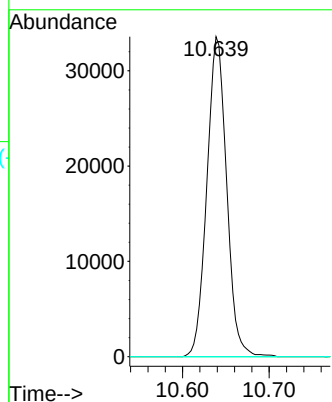
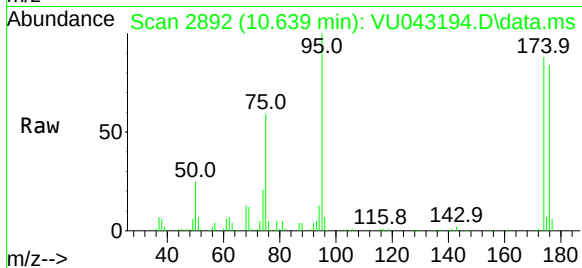




#81
trans-1,4-Dichloro-2-butene
Concen: 57.83 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 53229
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.80 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043194.D
Acq: 19 Apr 2021 15:17

Tgt Ion:128 Resp: 446
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

