

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042393.D
 Acq On : 22 Feb 2021 14:37
 Operator : SY/MD
 Sample : M1457-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 22 14:57:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

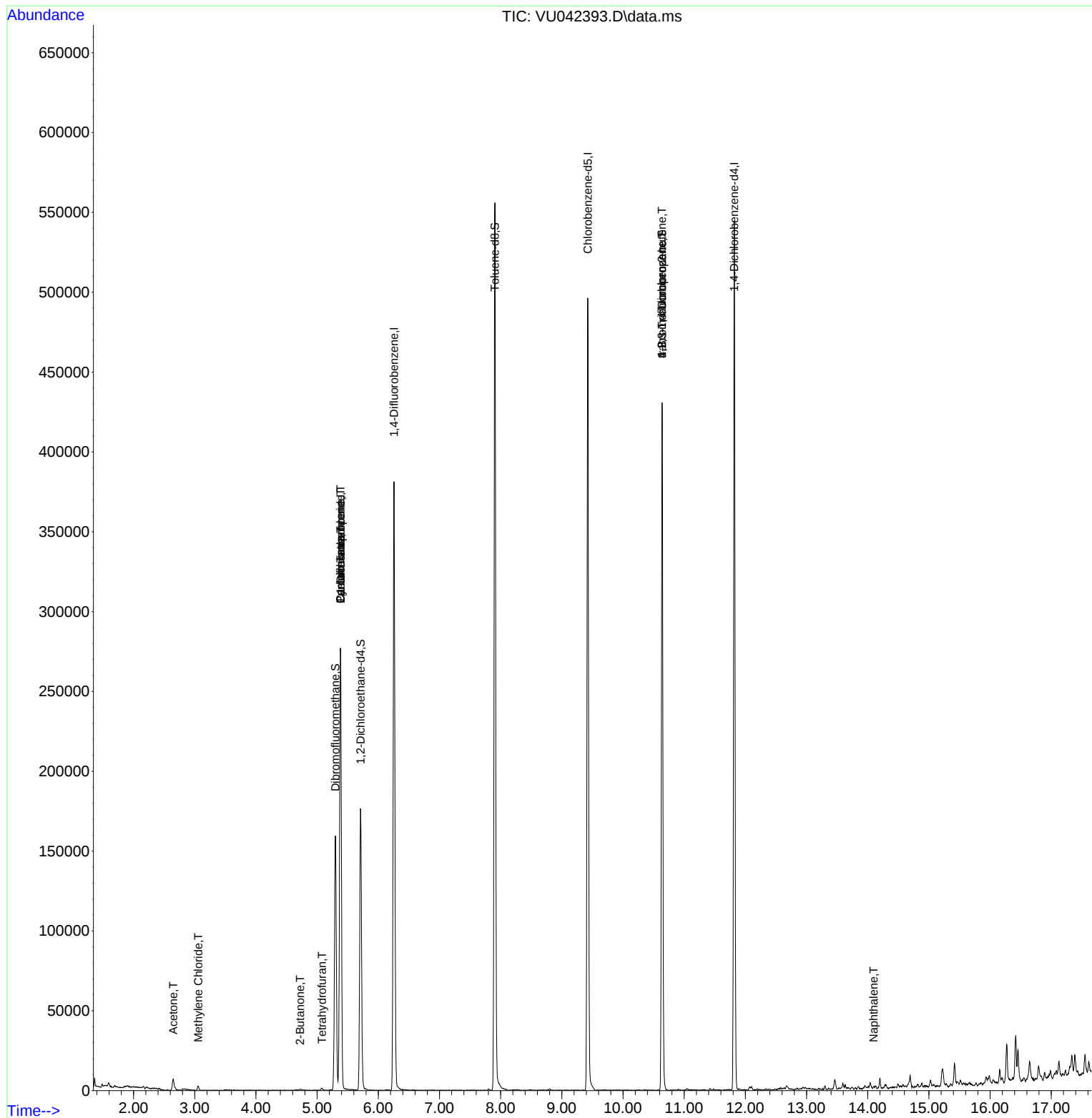
Internal Standards						
1) Pentafluorobenzene	5.382	168	196697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	292599	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	263153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	134049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	138569	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
35) Dibromofluoromethane	5.298	113	98520	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	7.906	98	352035	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	10.639	95	133633	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
						Qvalue
16) Acetone	2.649	43	10264	5.55	ug/l	94
20) Methylene Chloride	3.060	84	1210	0.57	ug/l #	91
25) 2-Butanone	4.723	43	1289	0.52	ug/l #	54
29) Tetrahydrofuran	5.080	42	1099	0.72	ug/l #	67
31) Cyclohexane	5.382	56	4372	1.12	ug/l #	10
36) 1,1-Dichloropropene	5.382	75	15509	5.36	ug/l #	50
38) Carbon Tetrachloride	5.382	117	19235	6.22	ug/l #	16
76) 1,2,3-Trichloropropane	10.639	75	74027	22.33	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	74027	60.72	ug/l #	7
95) Naphthalene	14.099	128	1733	2.40	ug/l #	83

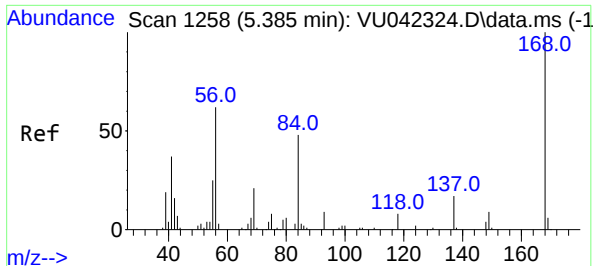
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 19 02:55:52 2021
Response via : Initial Calibration

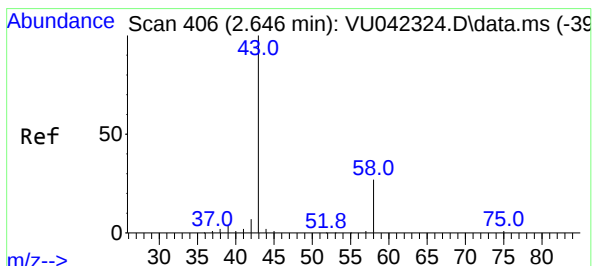
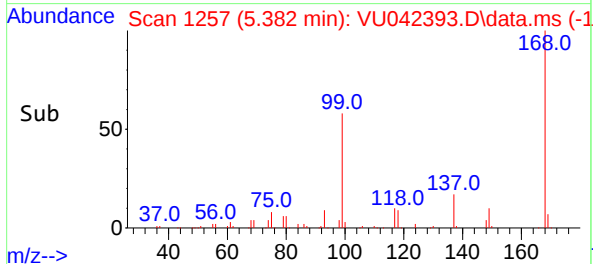
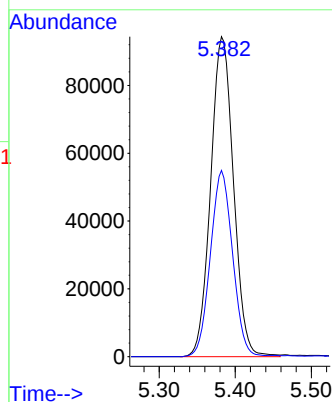
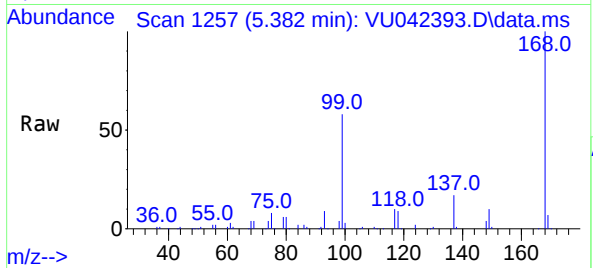




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

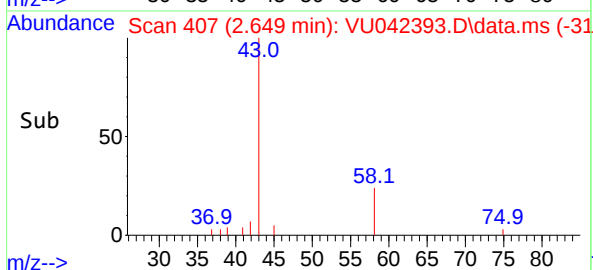
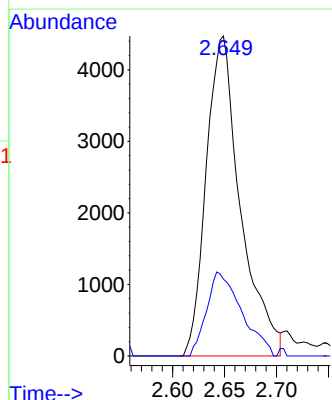
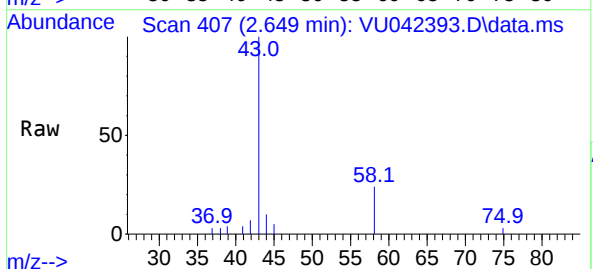
Instrument :
MSVOA_U
ClientSampled :

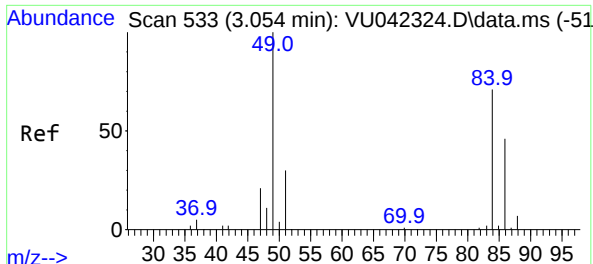
Tgt Ion:168 Resp: 196697
Ion Ratio Lower Upper
168 100
99 58.2 45.0 67.4



#16
Acetone
Concen: 5.55 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.003 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

Tgt Ion: 43 Resp: 10264
Ion Ratio Lower Upper
43 100
58 24.0 21.5 32.3



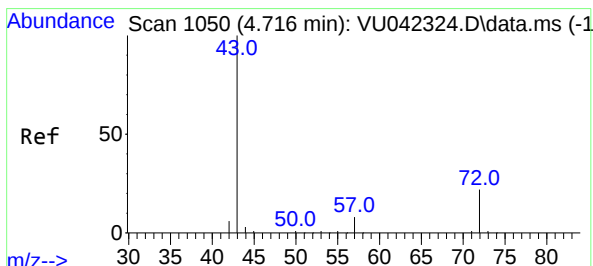
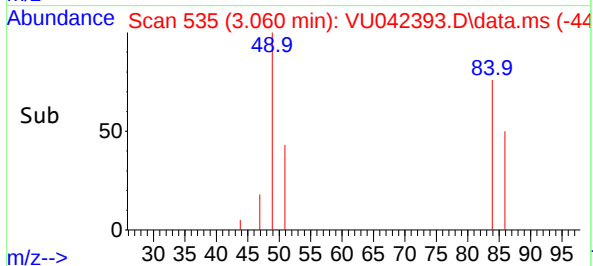
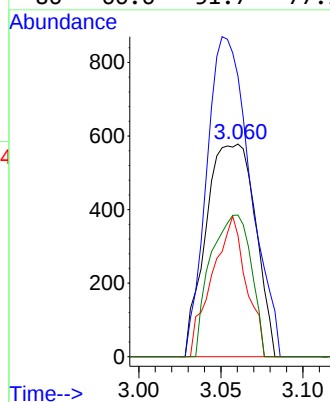
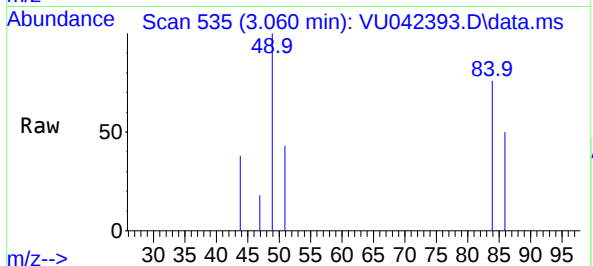


#20
Methylene Chloride
Concen: 0.57 ug/l
RT: 3.060 min Scan# 535
Delta R.T. 0.006 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 1210

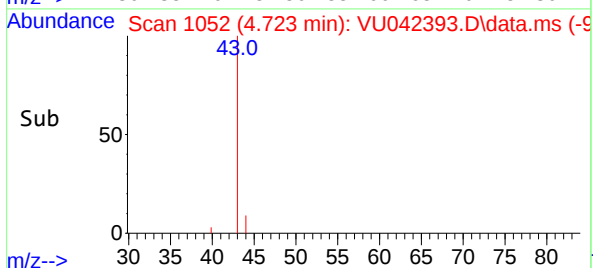
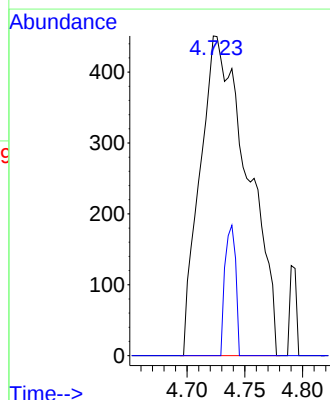
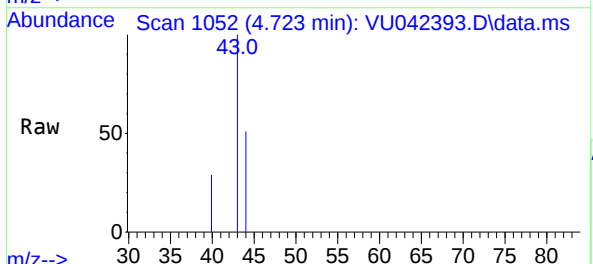
Ion	Ratio	Lower	Upper
84	100		
49	132.0	112.6	169.0
51	57.1	33.7	50.5#
86	66.6	51.7	77.5

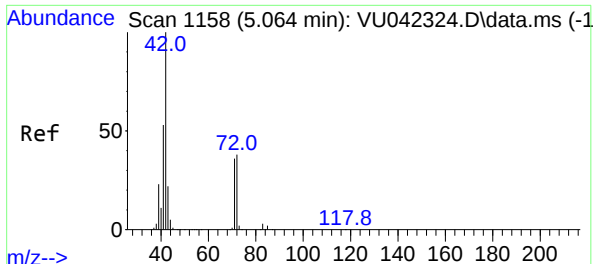


#25
2-Butanone
Concen: 0.52 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

Tgt Ion: 43 Resp: 1289

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.4	26.0#

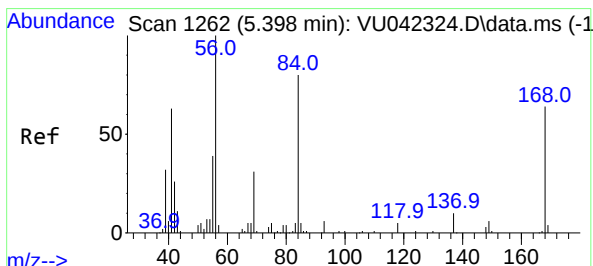
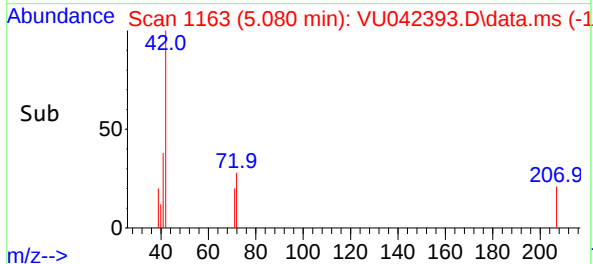
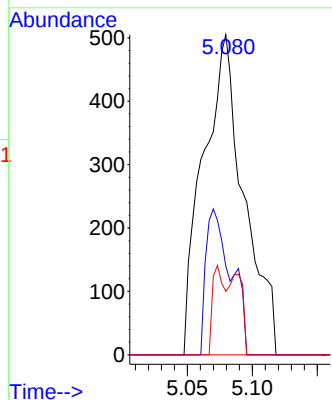
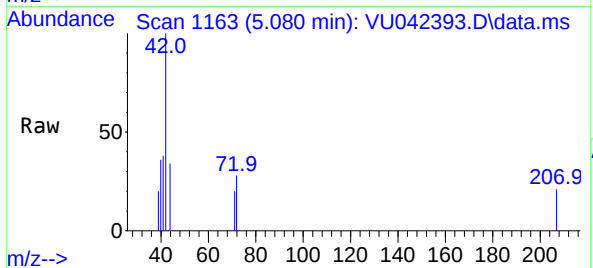




#29
Tetrahydrofuran
Concen: 0.72 ug/l
RT: 5.080 min Scan# 1163
Delta R.T. 0.016 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

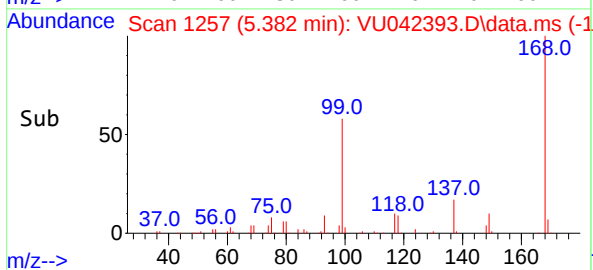
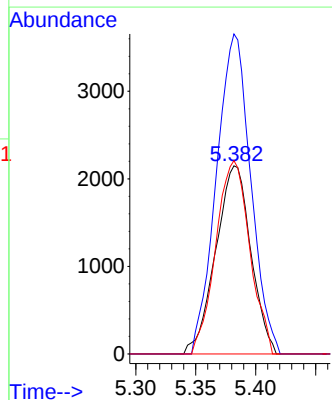
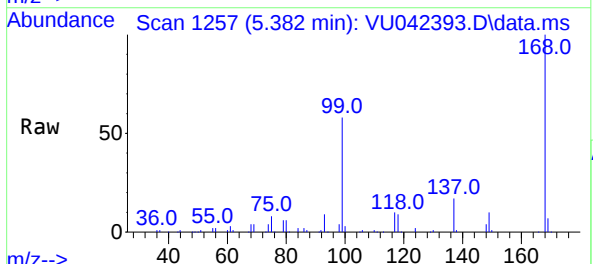
Instrument :
MSVOA_U
ClientSampled :

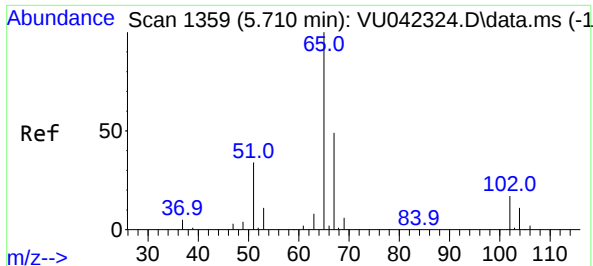
Tgt Ion:	42	Resp:	1099
Ion	Ratio	Lower	Upper
42	100		
72	28.0	31.5	47.3#
71	8.4	29.5	44.3#



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

Tgt Ion:	56	Resp:	4372
Ion	Ratio	Lower	Upper
56	100		
69	170.1	24.9	37.3#
84	102.7	63.7	95.5#



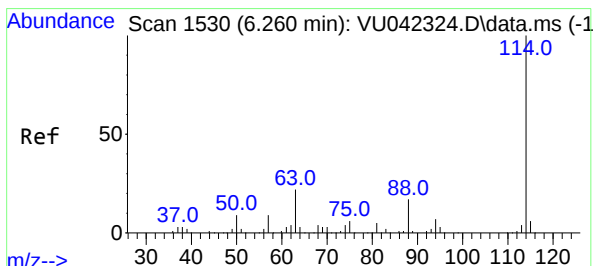
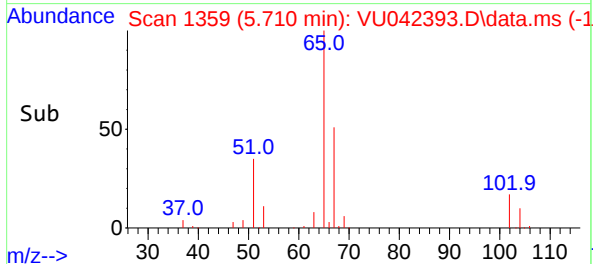
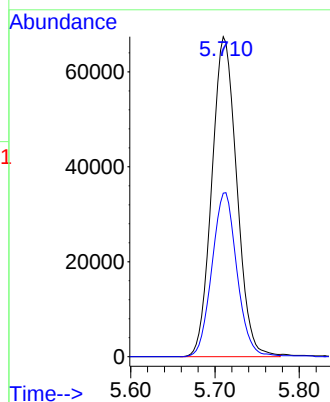
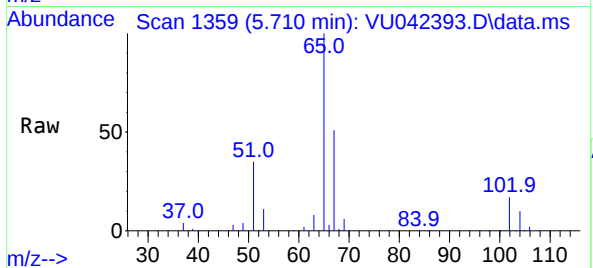


#33

1,2-Dichloroethane-d4
Concen: 46.45 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

Instrument :
MSVOA_U
ClientSampleId :

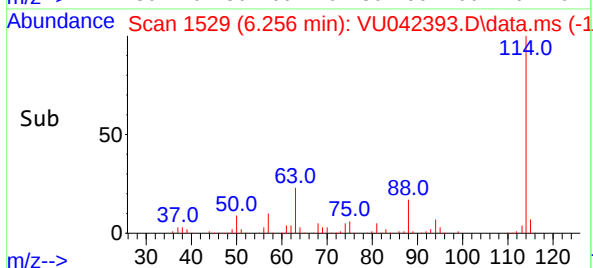
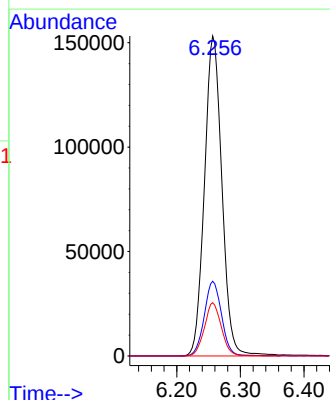
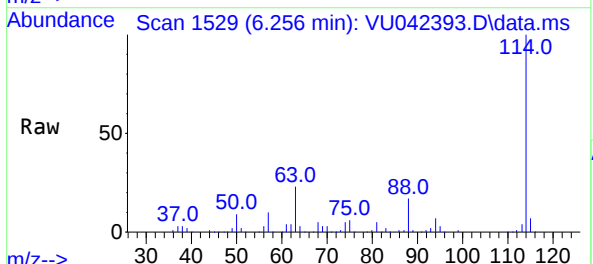
Tgt Ion: 65 Resp: 138569
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.8

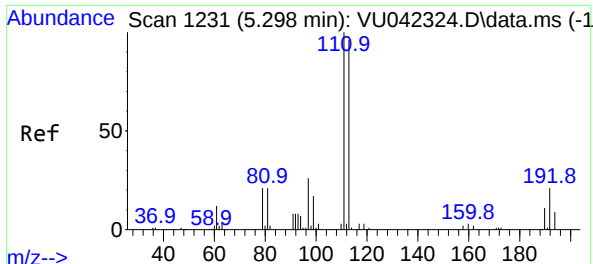


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

Tgt Ion: 114 Resp: 292599
Ion Ratio Lower Upper
114 100
63 23.4 0.0 44.2
88 16.7 0.0 33.4

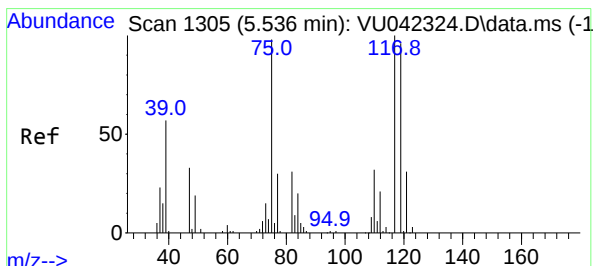
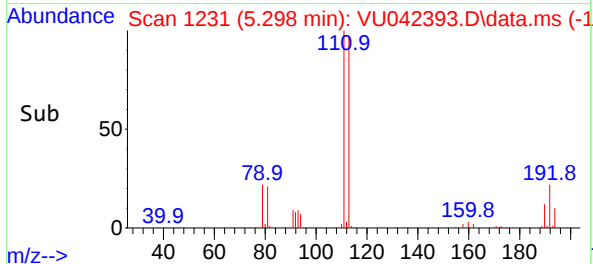
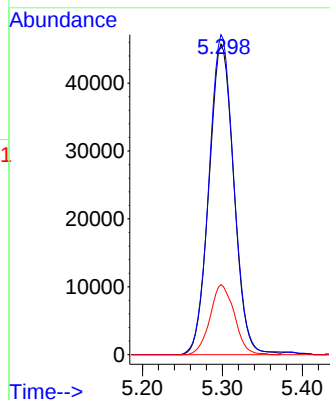
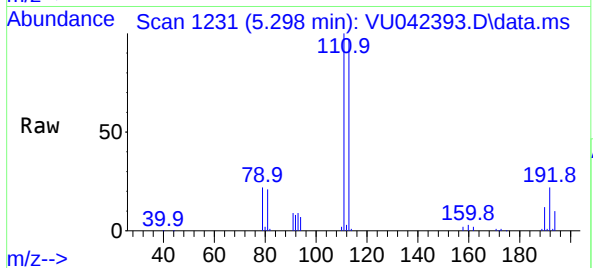




#35
Dibromofluoromethane
Concen: 47.70 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

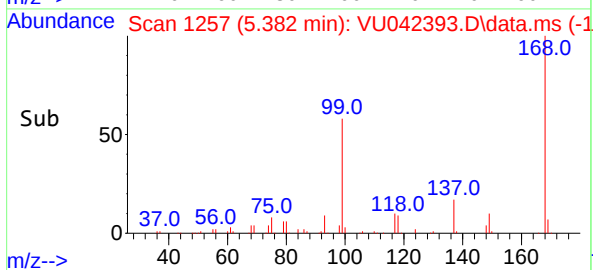
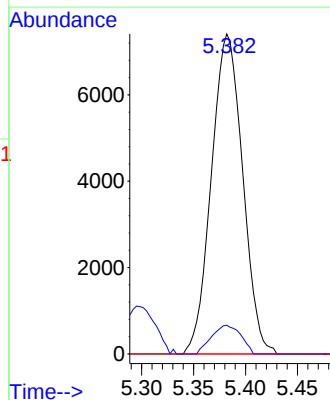
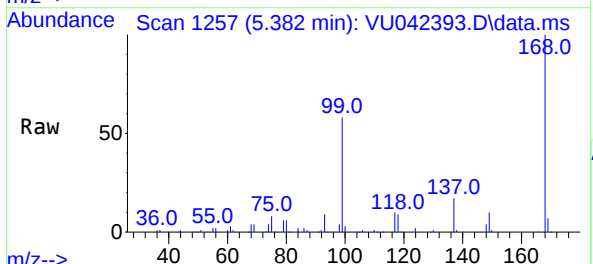
Instrument :
MSVOA_U
ClientSampleId :

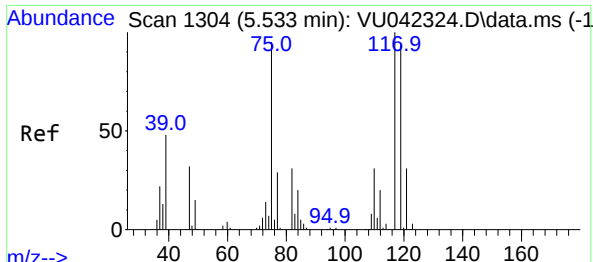
Tgt Ion:	113	Resp:	98520
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	22.1	17.2	25.8



#36
1,1-Dichloropropene
Concen: 5.36 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

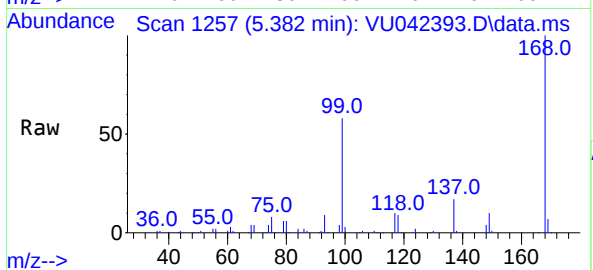
Tgt Ion:	75	Resp:	15509
Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.8	50.3#
77	0.0	24.8	37.2#



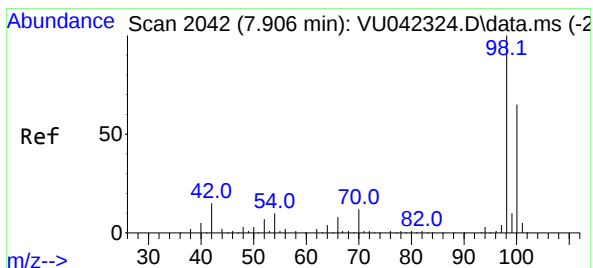
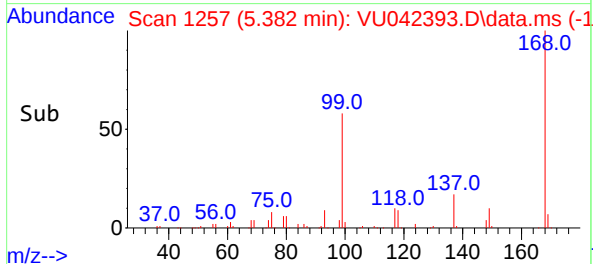
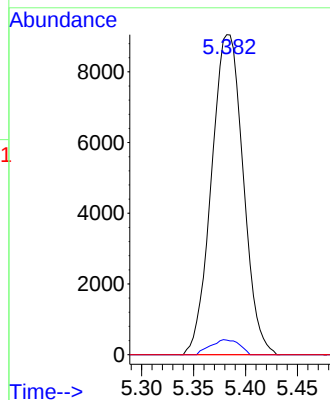


#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

Instrument :
MSVOA_U
ClientSampled :

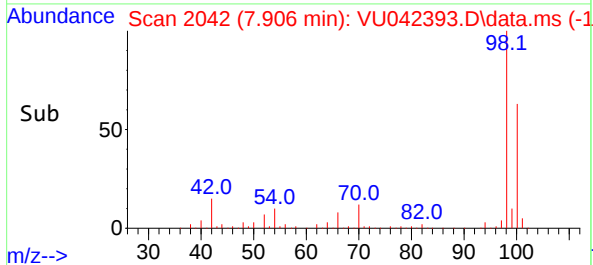
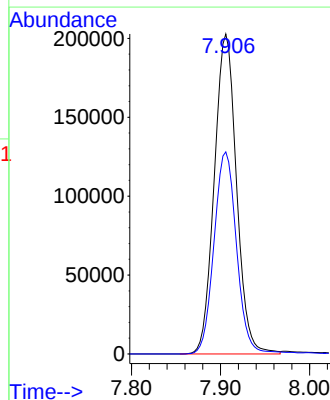
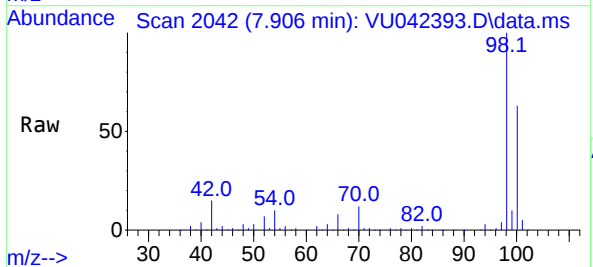


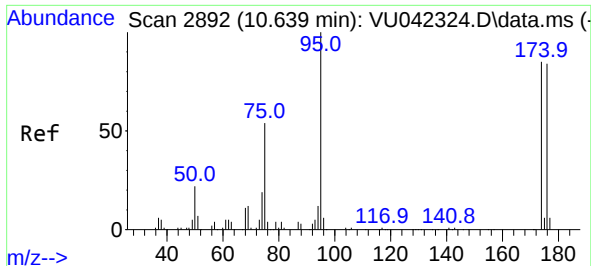
Tgt Ion:117 Resp: 19235
Ion Ratio Lower Upper
117 100
119 4.5 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.59 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

Tgt Ion: 98 Resp: 352035
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

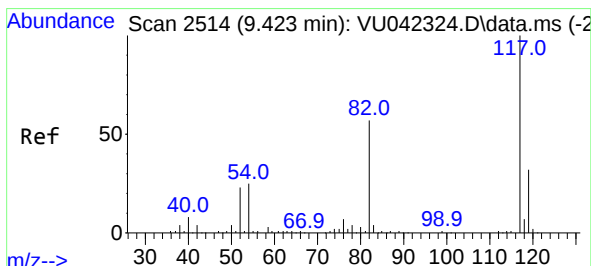
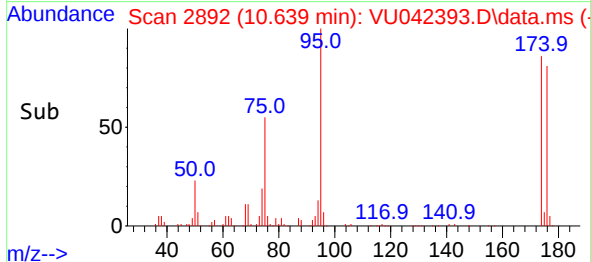
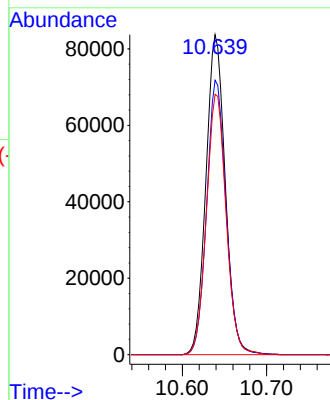
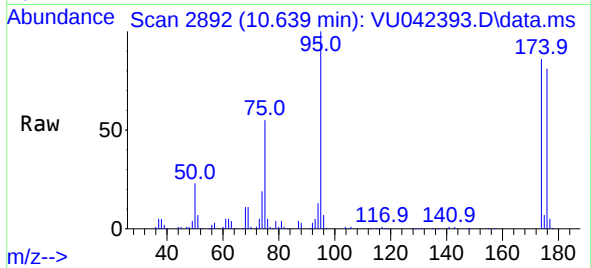




#62
4-Bromofluorobenzene
Concen: 45.84 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

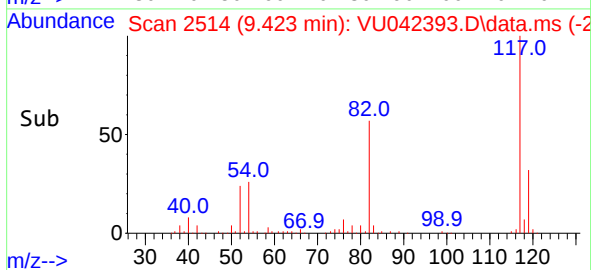
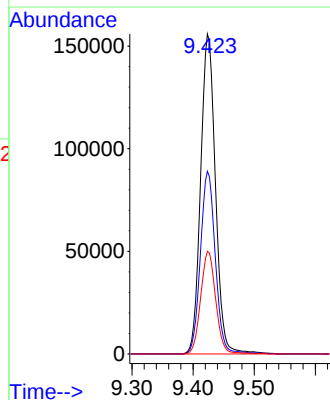
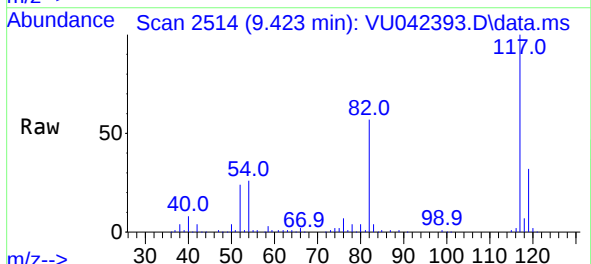
Instrument :
MSVOA_U
ClientSampleId :

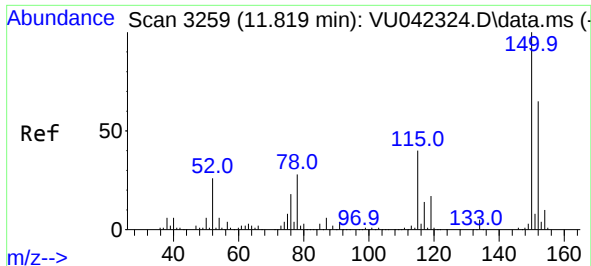
Tgt Ion: 95 Resp: 133633
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.2
176 82.8 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

Tgt Ion: 117 Resp: 263153
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.6
119 32.1 25.8 38.8

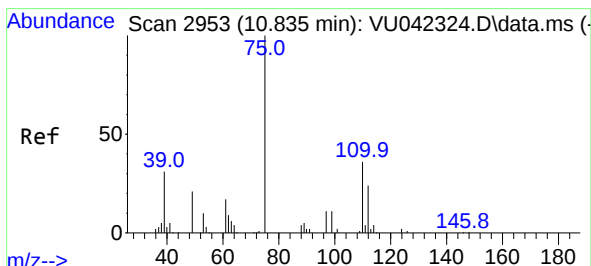
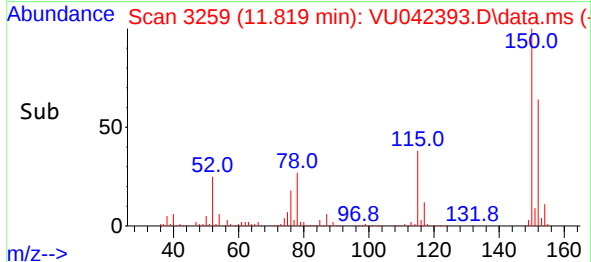
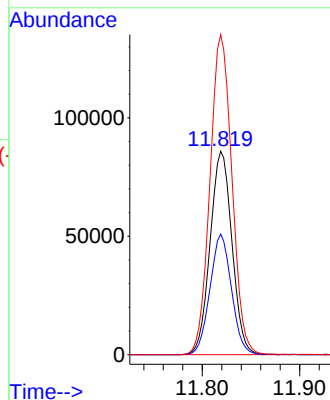
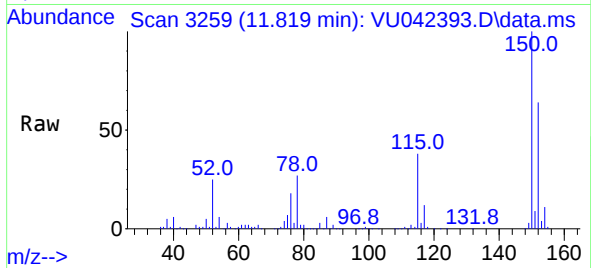




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

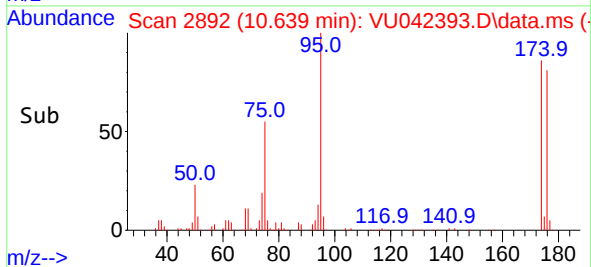
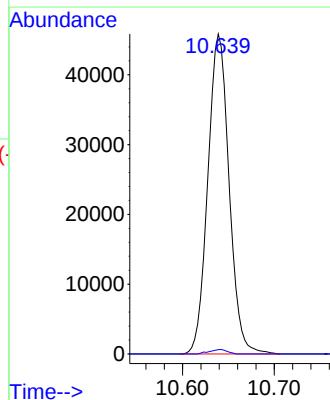
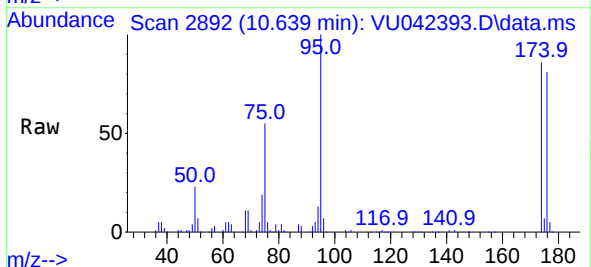
Instrument :
MSVOA_U
ClientSampled :

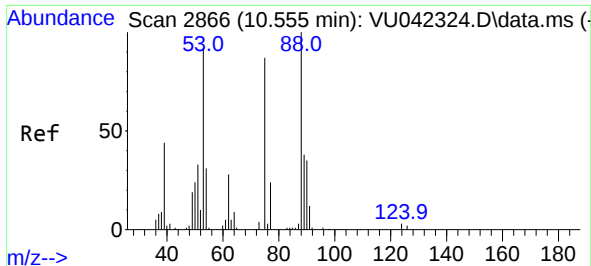
Tgt Ion:152 Resp: 134049
Ion Ratio Lower Upper
152 100
115 58.4 41.5 124.6
150 158.0 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 22.33 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

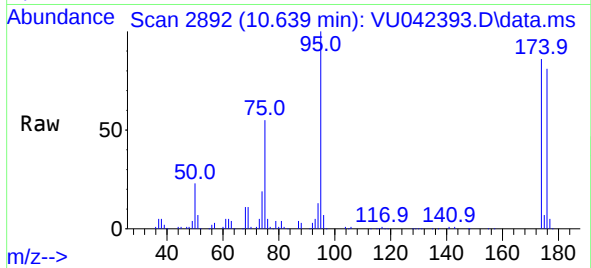
Tgt Ion: 75 Resp: 74027
Ion Ratio Lower Upper
75 100
77 1.2 20.2 60.5#



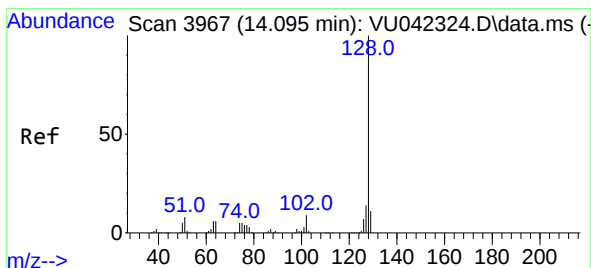
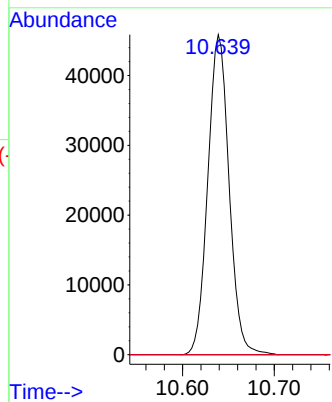
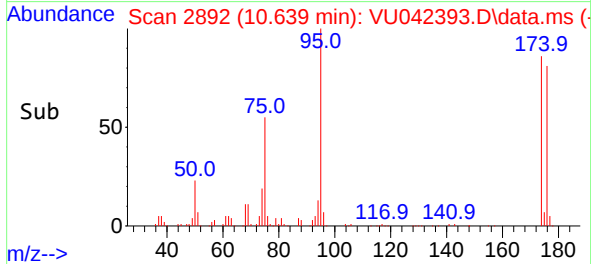


#81
trans-1,4-Dichloro-2-butene
Concen: 60.72 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37

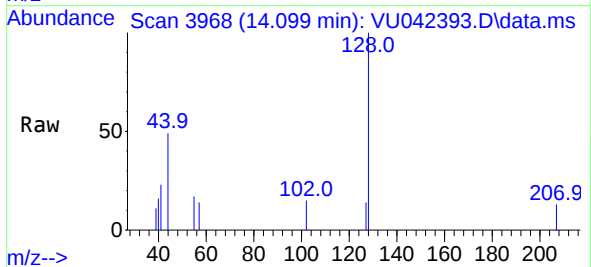
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 75 Resp: 74027
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.40 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.004 min
Lab File: VU042393.D
Acq: 22 Feb 2021 14:37



Tgt Ion:128 Resp: 1733
Ion Ratio Lower Upper
128 100
127 7.2 10.8 16.2#
129 3.9 8.6 13.0#

