

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
 Data File : VU043412.D
 Acq On : 29 Apr 2021 02:05
 Operator : SY/MD
 Sample : M2208-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 09:47:59 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)

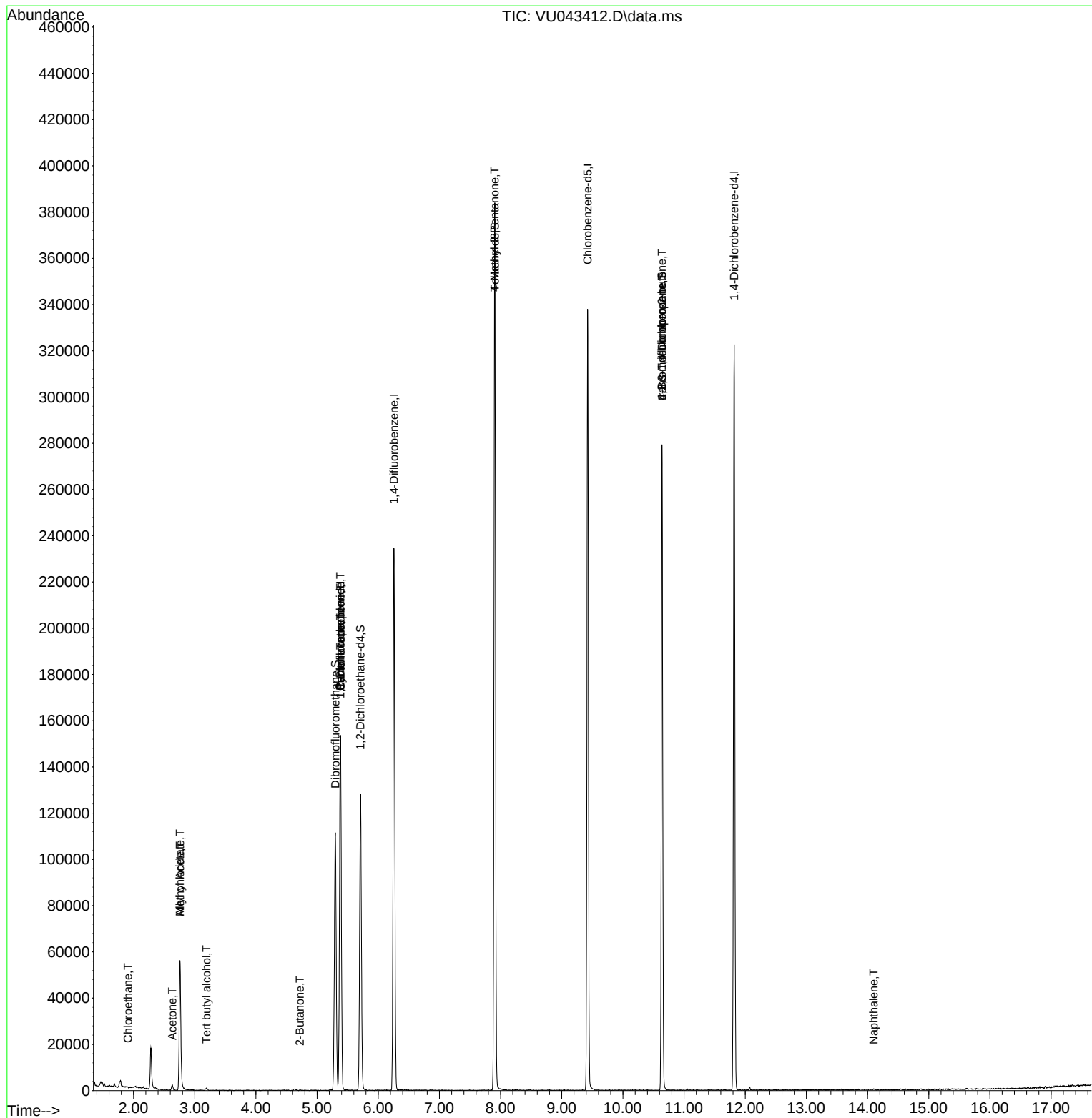
Internal Standards						
1) Pentafluorobenzene	5.382	168	102274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	170915	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	168531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	79186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97398	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
35) Dibromofluoromethane	5.298	113	67806	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
50) Toluene-d8	7.906	98	231875	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	10.639	95	81351	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	571	Below Cal		93
6) Chloroethane	1.909	64	190	0.20 ug/l #		42
11) Tert butyl alcohol	3.189	59	929	2.10 ug/l #		94
14) Allyl chloride	2.758	41	6041	2.60 ug/l #		71
16) Acetone	2.633	43	2472	2.14 ug/l		99
18) Methyl Acetate	2.758	43	15534	7.23 ug/l #		55
25) 2-Butanone	4.719	43	349	0.22 ug/l #		54
31) Cyclohexane	5.382	56	2835	1.34 ug/l #		35
36) 1,1-Dichloropropene	5.378	75	8915	4.92 ug/l #		46
38) Carbon Tetrachloride	5.382	117	10362	5.33 ug/l #		18
51) 4-Methyl-2-Pentanone	7.902	43	1400	0.43 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	46410	20.06 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	46410	58.93 ug/l #		7
95) Naphthalene	14.098	128	238	2.78 ug/l #		69

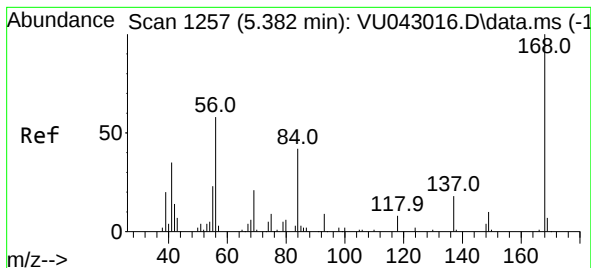
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
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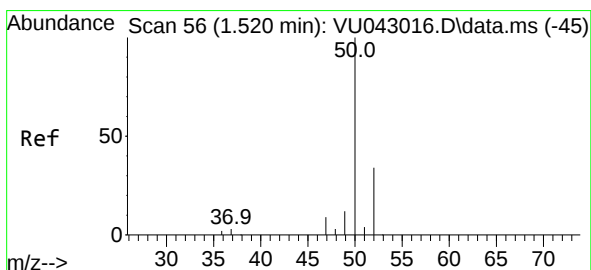
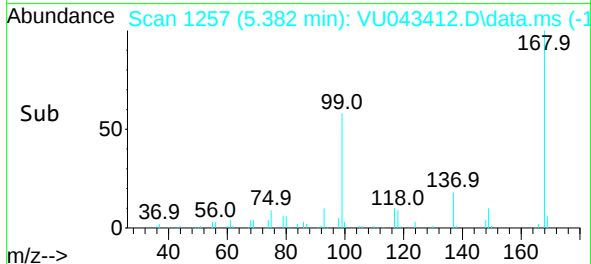
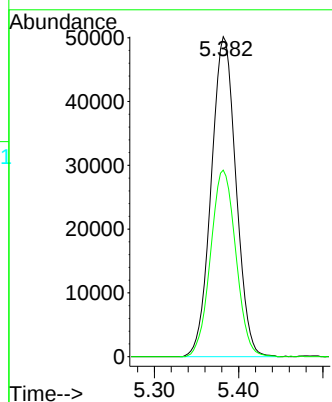
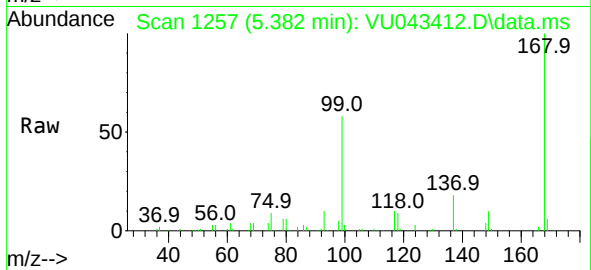




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

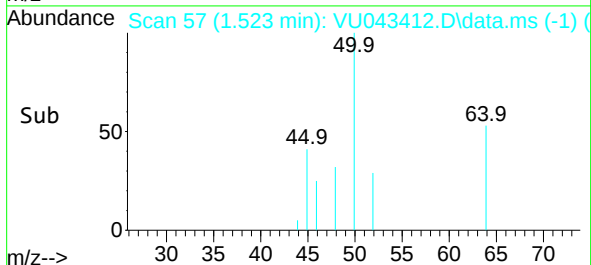
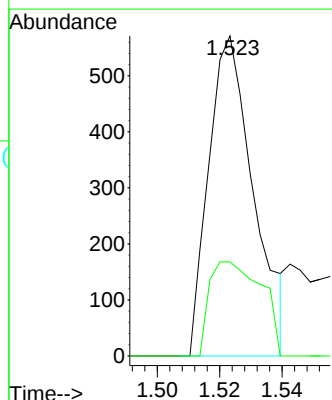
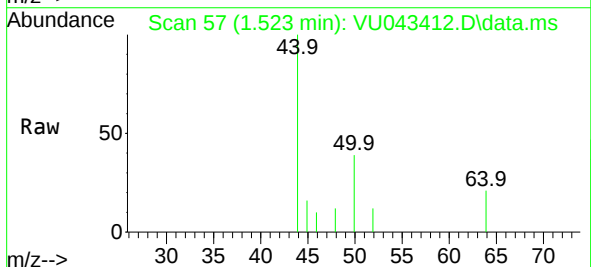
Instrument :
MSVOA_U
ClientSampleId :

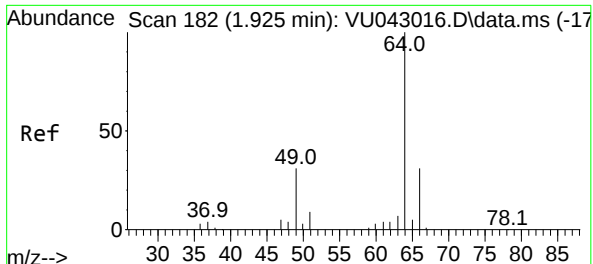
Tgt Ion:168 Resp: 102274
Ion Ratio Lower Upper
168 100
99 58.3 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

Tgt Ion: 50 Resp: 571
Ion Ratio Lower Upper
50 100
52 29.4 26.6 40.0

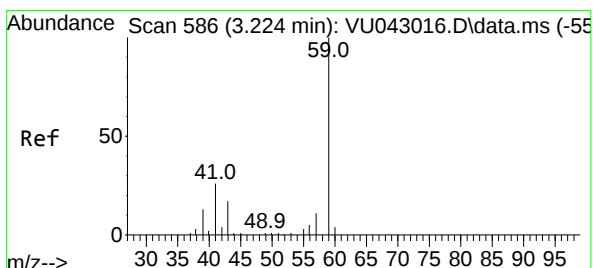
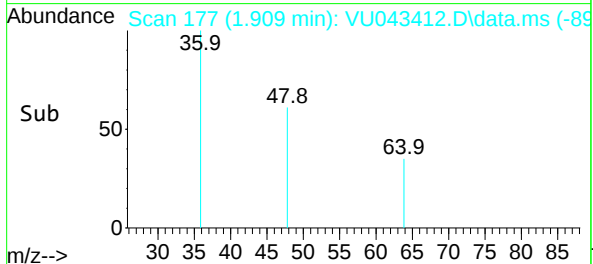
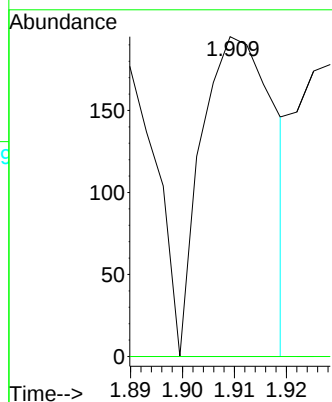
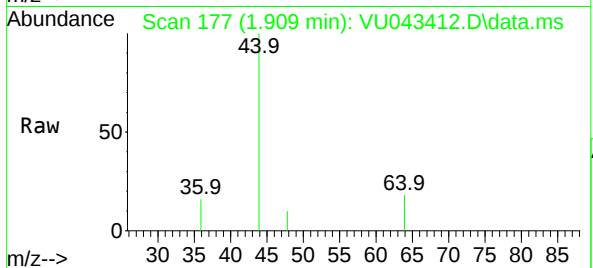




#6
Chloroethane
Concen: 0.20 ug/l
RT: 1.909 min Scan# 177
Delta R.T. -0.016 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

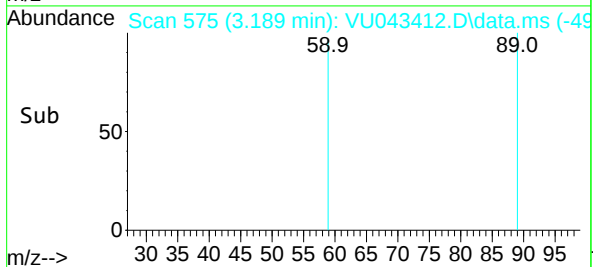
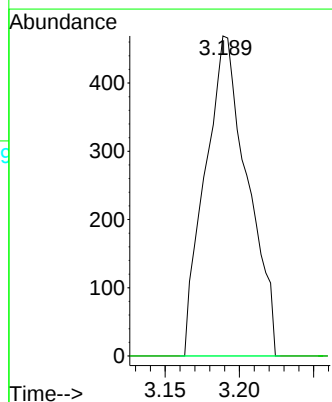
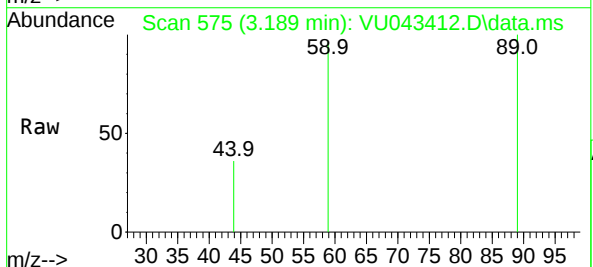
Instrument :
MSVOA_U
ClientSampleId :

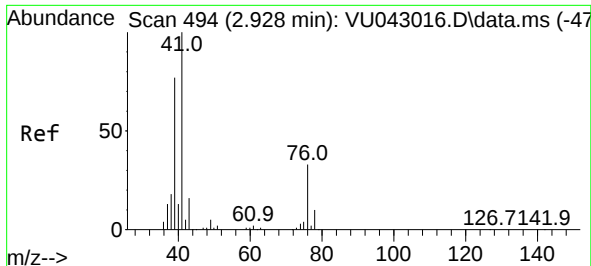
Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 2.10 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.035 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

Tgt Ion: 59 Resp: 929
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#





#14

Allyl chloride

Concen: 2.60 ug/l

RT: 2.758 min Scan# 441

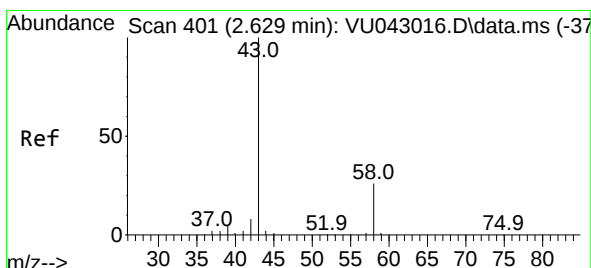
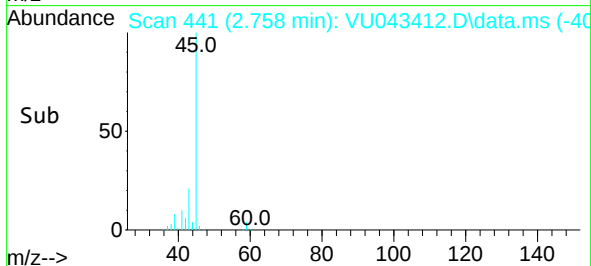
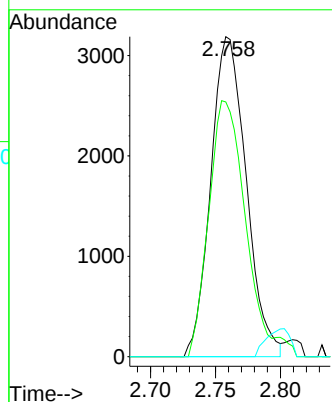
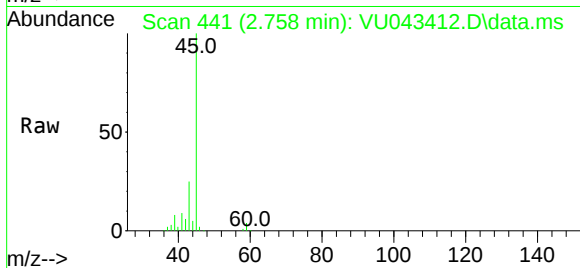
Delta R.T. -0.170 min

Lab File: VU043412.D

Acq: 29 Apr 2021 02:05

Tgt Ion: 41	Resp: 6041
Ion Ratio	Lower Upper
41 100	
39 84.0	54.9 82.3#
76 0.0	22.5 33.7#

Instrument :
MSVOA_U
ClientSampleId :



#16

Acetone

Concen: 2.14 ug/l

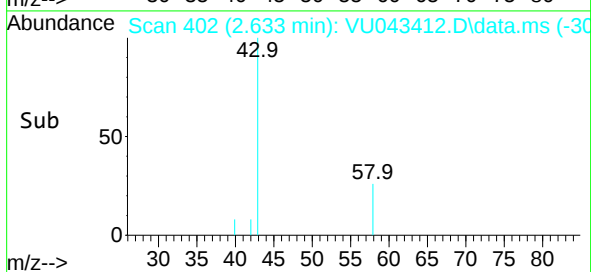
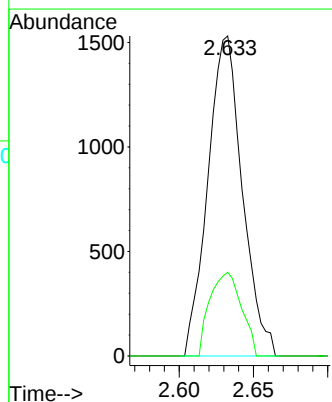
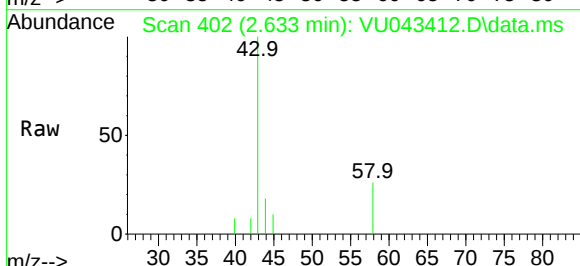
RT: 2.633 min Scan# 402

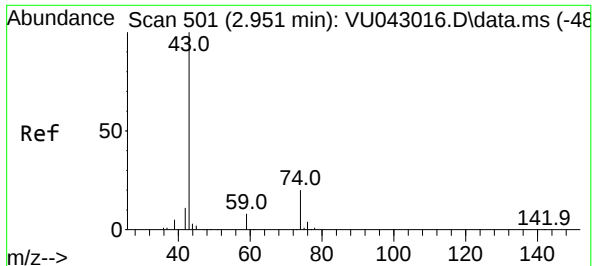
Delta R.T. 0.004 min

Lab File: VU043412.D

Acq: 29 Apr 2021 02:05

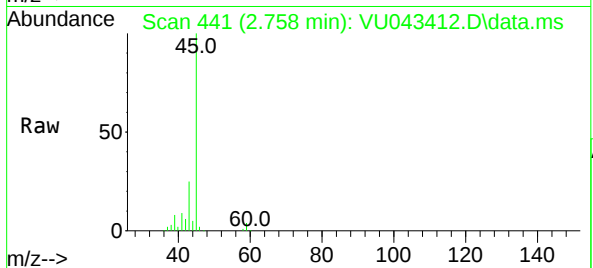
Tgt Ion: 43	Resp: 2472
Ion Ratio	Lower Upper
43 100	
58 26.1	21.5 32.3



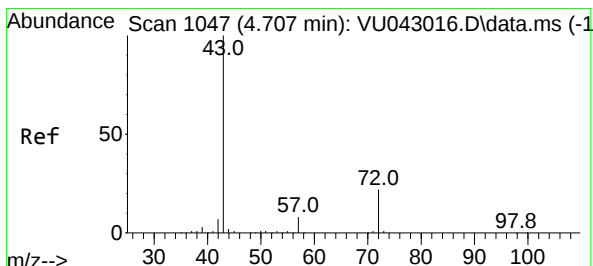
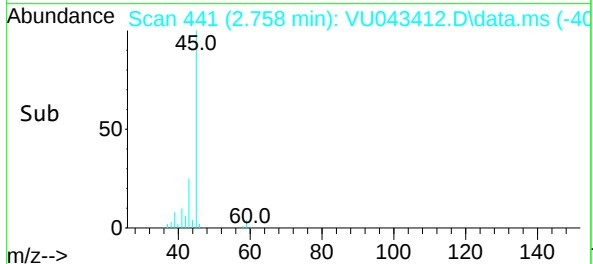
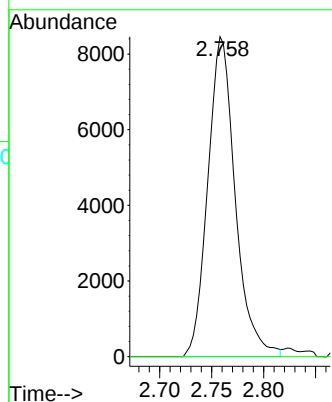


#18
Methyl Acetate
Concen: 7.23 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

Instrument :
MSVOA_U
ClientSampled :

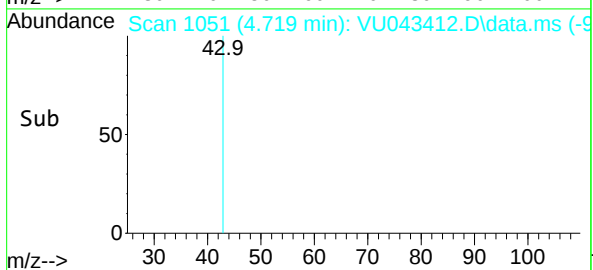
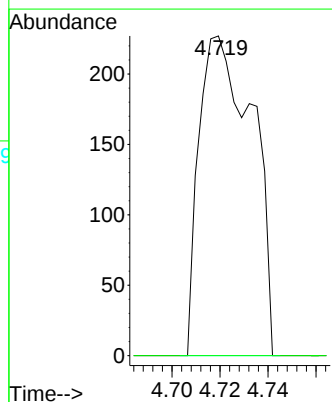
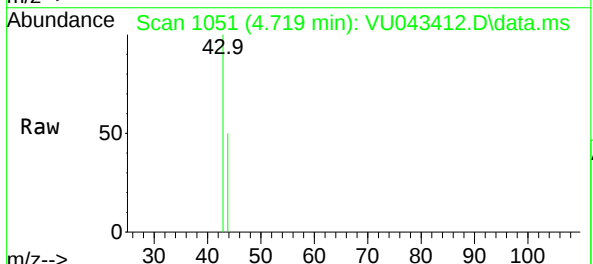


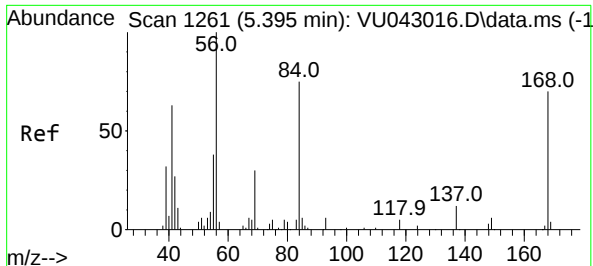
Tgt Ion: 43 Resp: 15534
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#25
2-Butanone
Concen: 0.22 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

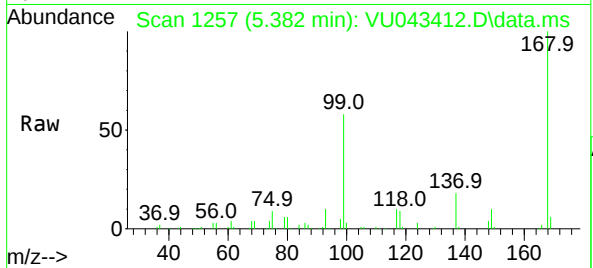
Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
72 0.0 17.4 26.0#



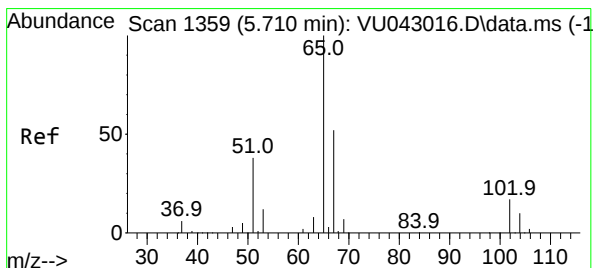
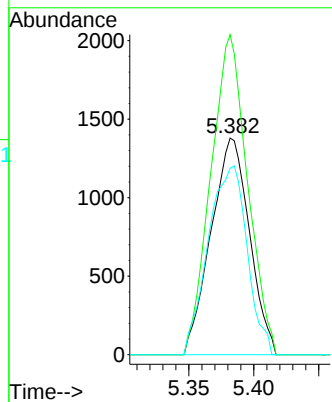
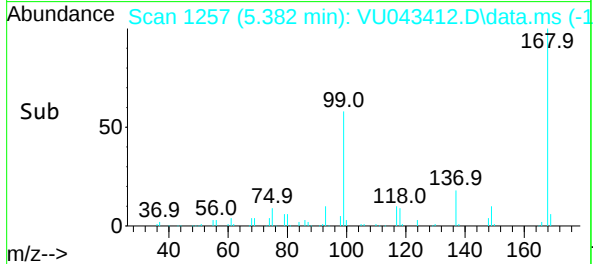


#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

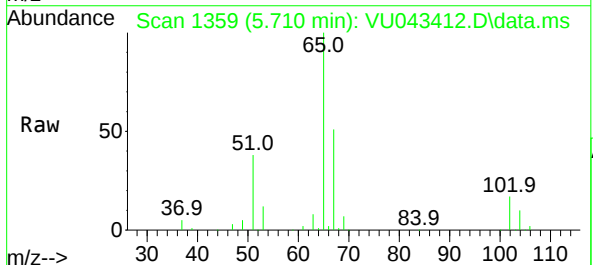
Instrument :
MSVOA_U
ClientSampled :



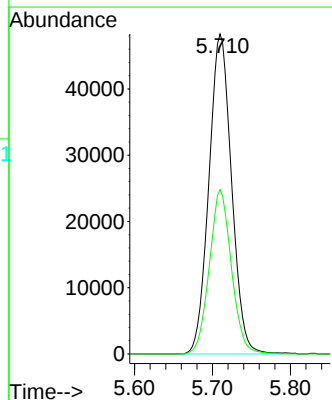
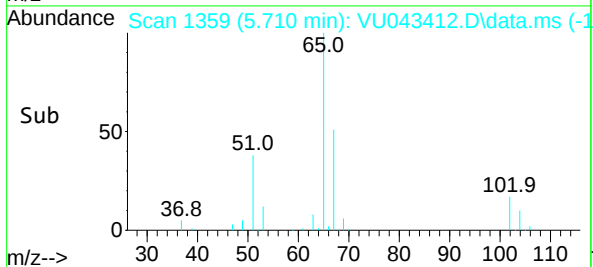
Tgt Ion: 56 Resp: 2835
Ion Ratio Lower Upper
56 100
69 147.7 24.9 37.3#
84 86.0 63.7 95.5

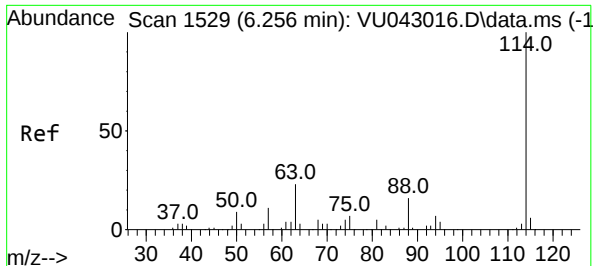


#33
1,2-Dichloroethane-d4
Concen: 56.65 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05



Tgt Ion: 65 Resp: 97398
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.8

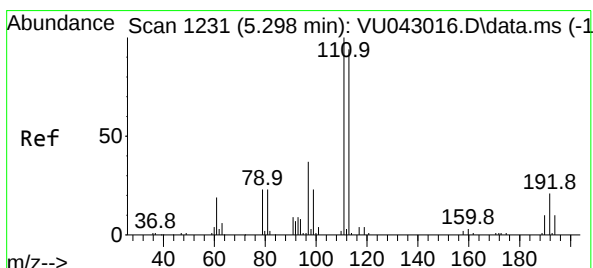
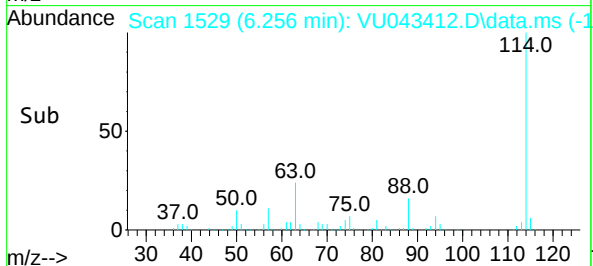
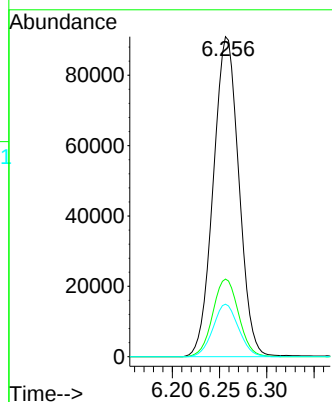
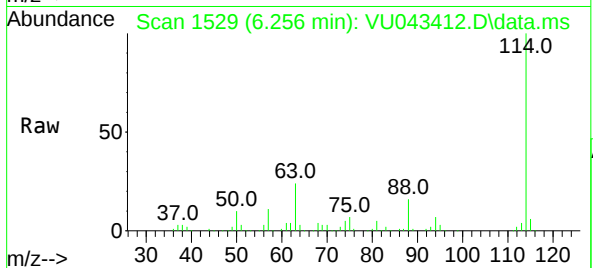




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

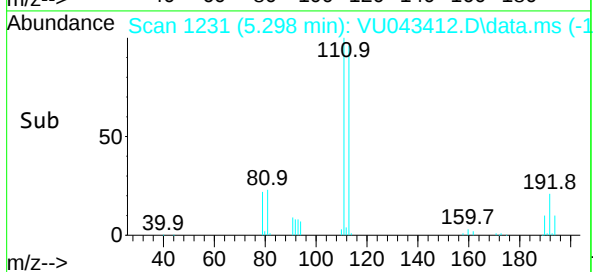
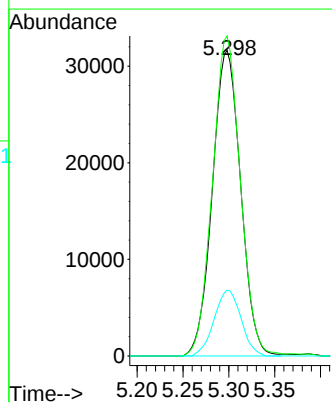
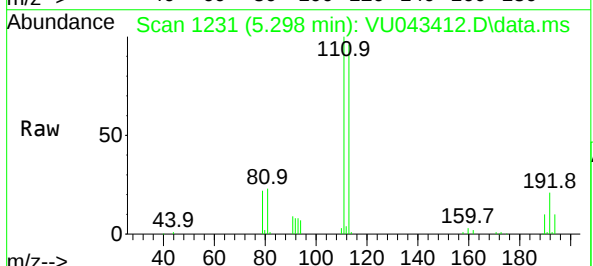
Instrument :
MSVOA_U
ClientSampleId :

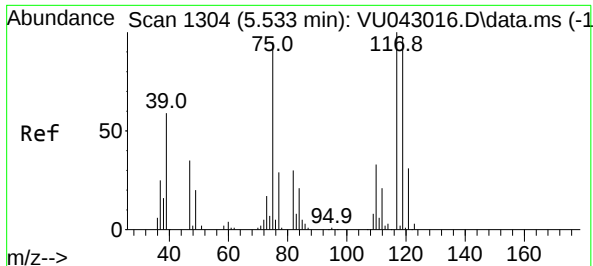
Tgt Ion:114 Resp: 170915
Ion Ratio Lower Upper
114 100
63 24.3 0.0 44.2
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.80 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

Tgt Ion:113 Resp: 67806
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 20.5 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.92 ug/l

RT: 5.378 min Scan# 1256

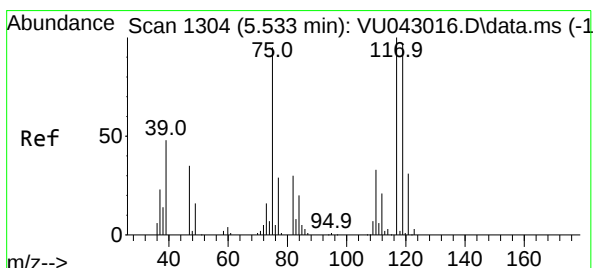
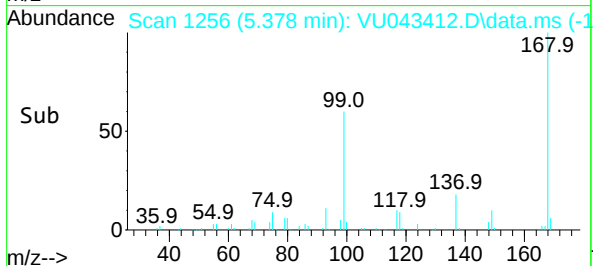
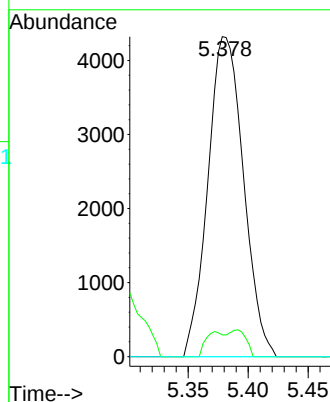
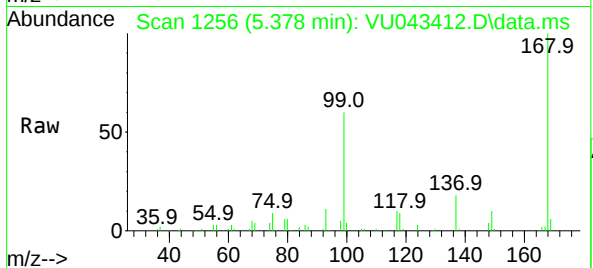
Delta R.T. -0.155 min

Lab File: VU043412.D

Acq: 29 Apr 2021 02:05

Tgt Ion:	75	Resp:	8915
Ion	Ratio	Lower	Upper
75	100		
110	4.3	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.33 ug/l

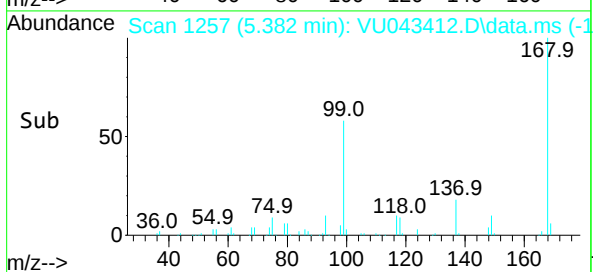
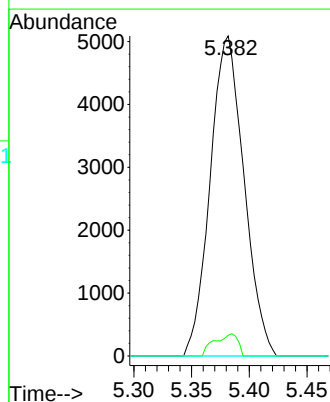
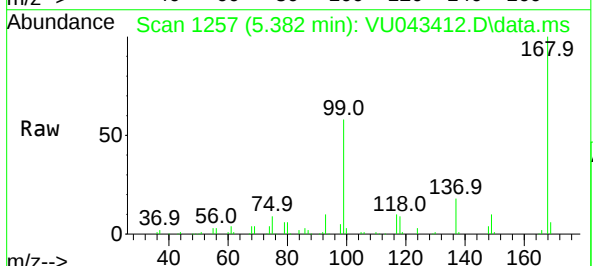
RT: 5.382 min Scan# 1257

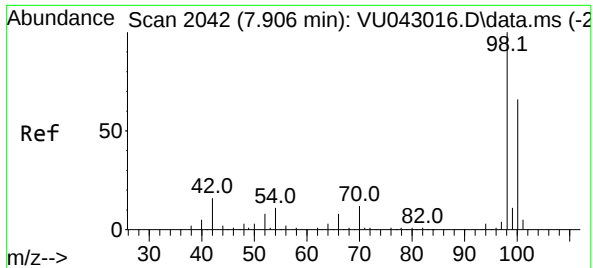
Delta R.T. -0.151 min

Lab File: VU043412.D

Acq: 29 Apr 2021 02:05

Tgt Ion:	117	Resp:	10362
Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.5	113.3#
121	0.0	24.7	37.1#

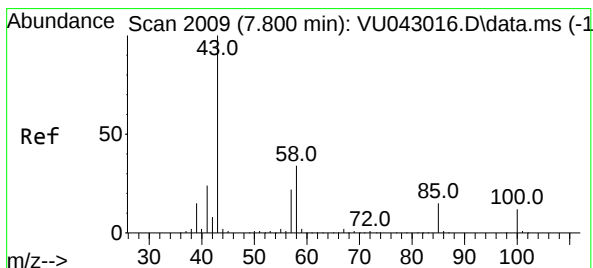
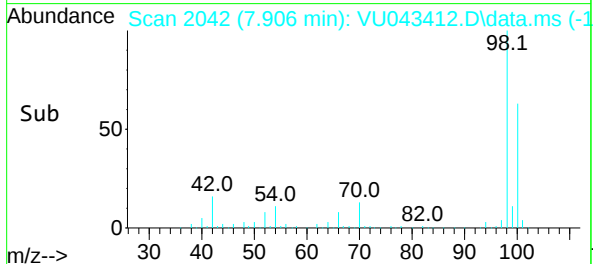
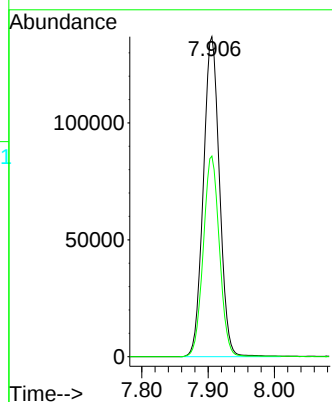
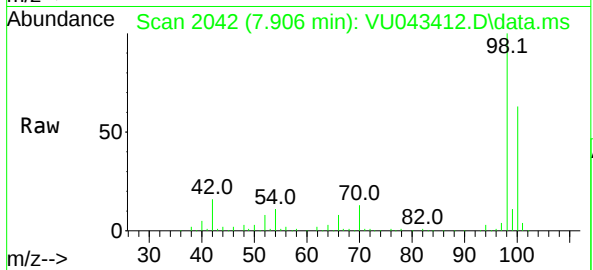




#50
Toluene-d8
Concen: 51.02 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

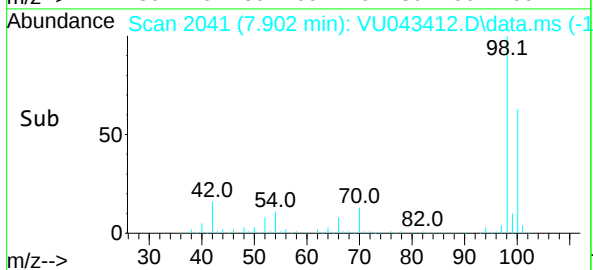
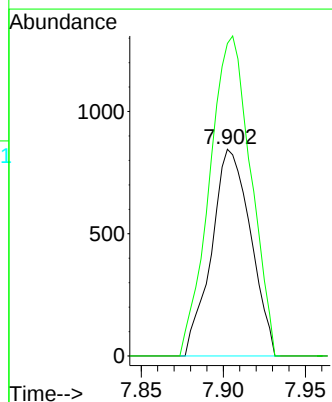
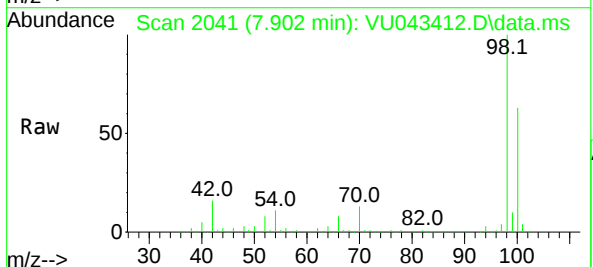
Instrument :
MSVOA_U
ClientSampleId :

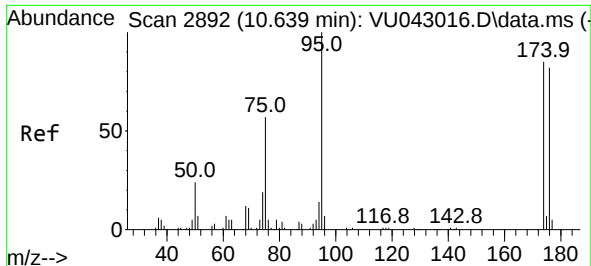
Tgt Ion: 98 Resp: 231875
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.102 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

Tgt Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
58 163.2 28.1 42.1#

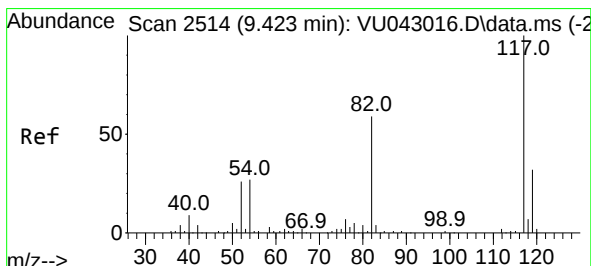
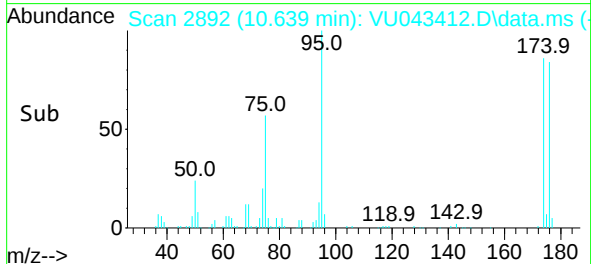
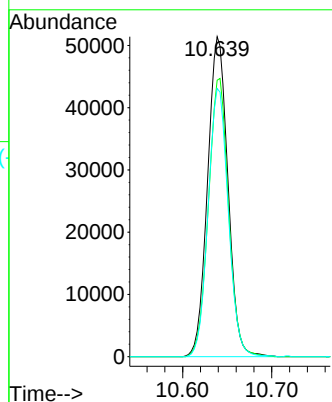
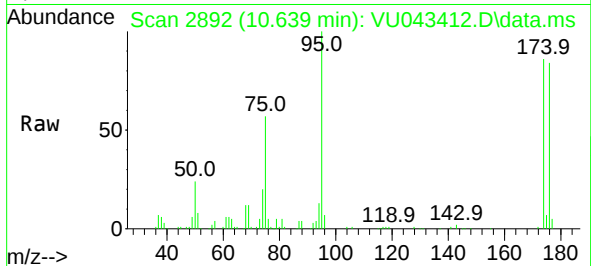




#62
4-Bromofluorobenzene
Concen: 44.70 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

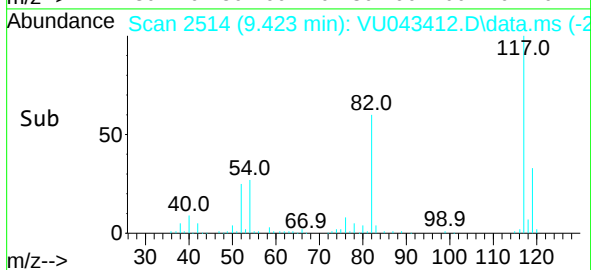
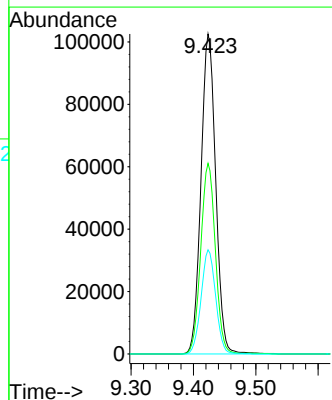
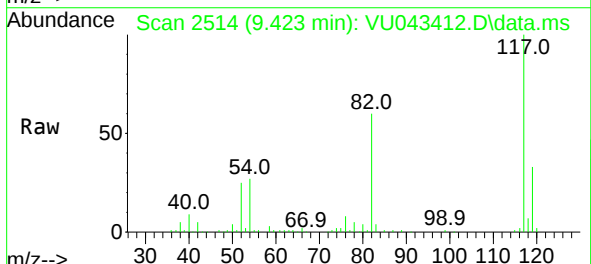
Instrument :
MSVOA_U
ClientSampleId :

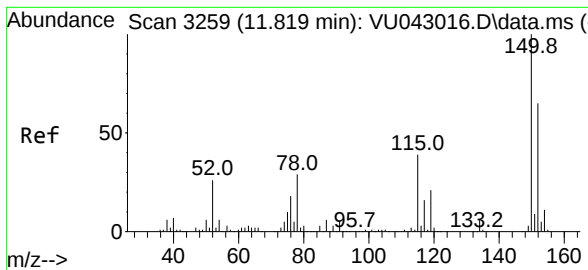
Tgt Ion: 95 Resp: 81351
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.2
176 83.0 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

Tgt Ion: 117 Resp: 168531
Ion Ratio Lower Upper
117 100
82 59.5 45.8 68.6
119 32.5 25.8 38.8

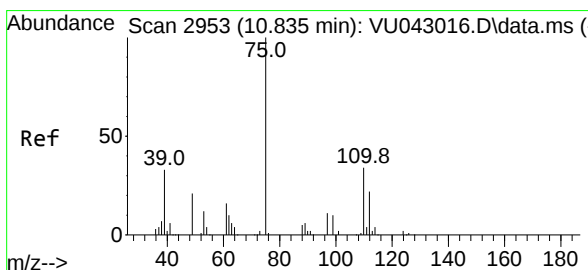
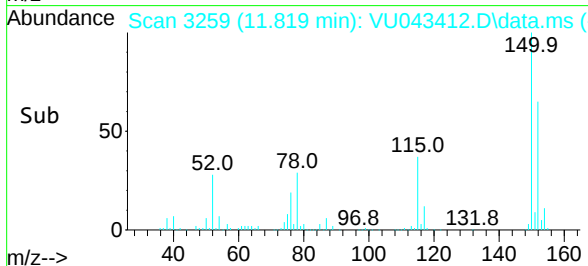
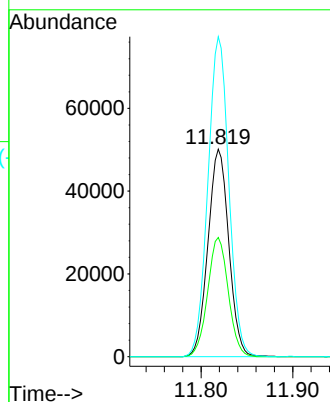
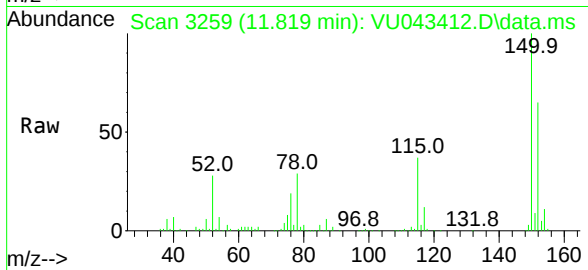




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043412.D
 Acq: 29 Apr 2021 02:05

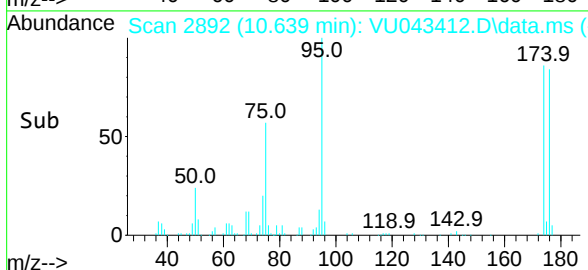
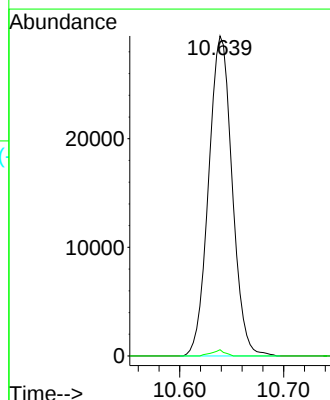
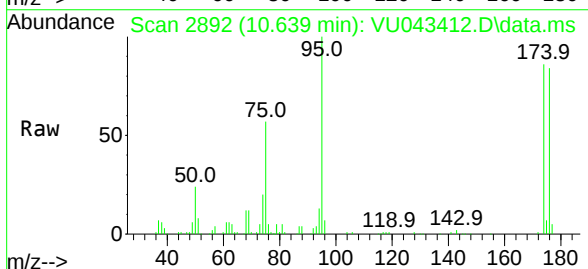
Instrument :
 MSVOA_U
 ClientSampled :

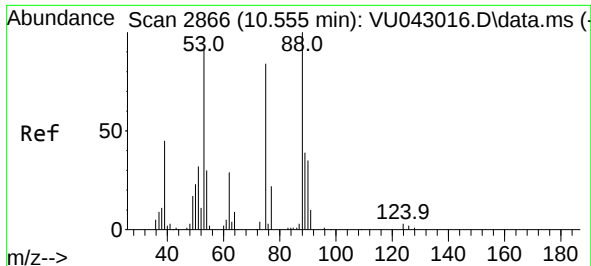
Tgt Ion:152 Resp: 79186
 Ion Ratio Lower Upper
 152 100
 115 56.8 41.5 124.6
 150 154.6 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.06 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043412.D
 Acq: 29 Apr 2021 02:05

Tgt Ion: 75 Resp: 46410
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.2 60.5#

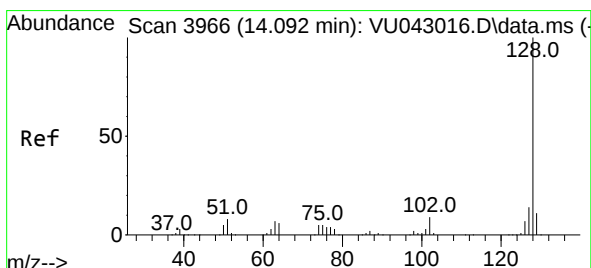
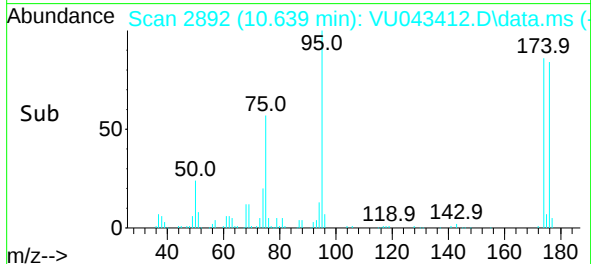
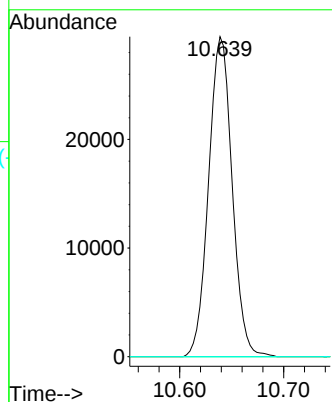
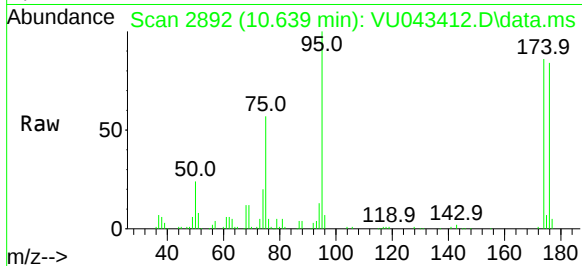




#81
trans-1,4-Dichloro-2-butene
Concen: 58.93 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 46410
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.78 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043412.D
Acq: 29 Apr 2021 02:05

Tgt Ion:128 Resp: 238
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

