

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
 Data File : VU043416.D
 Acq On : 29 Apr 2021 03:38
 Operator : SY/MD
 Sample : M2208-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 09:48:56 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)

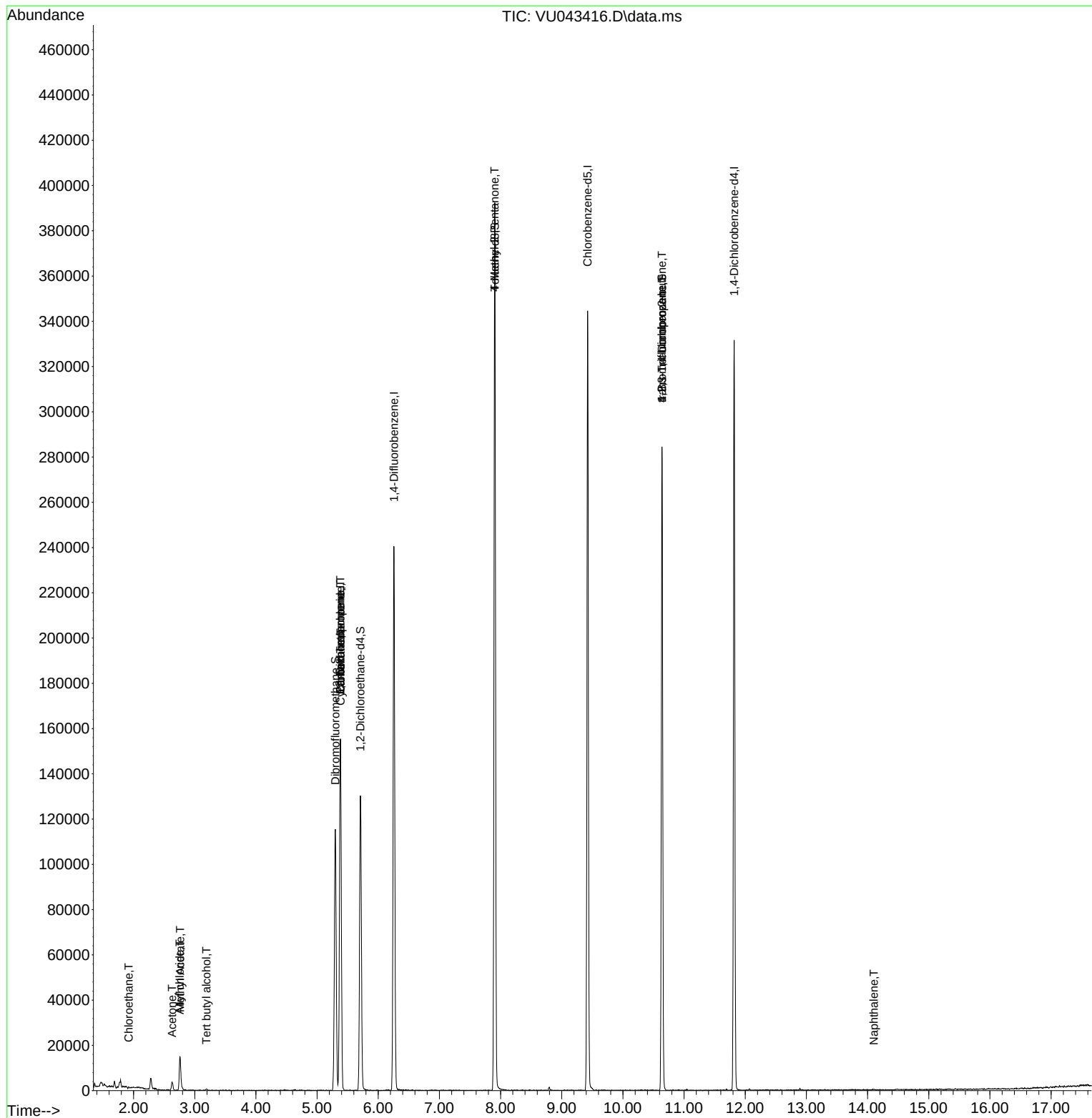
Internal Standards						
1) Pentafluorobenzene	5.382	168	104478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	174094	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	171120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	80749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101204	57.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.24%	
35) Dibromofluoromethane	5.298	113	71153	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
50) Toluene-d8	7.906	98	239821	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	10.639	95	83551	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	742	Below Cal		96
6) Chloroethane	1.919	64	283	0.31 ug/l #		42
11) Tert butyl alcohol	3.192	59	418	0.92 ug/l #		94
14) Allyl chloride	2.755	41	1678	0.71 ug/l #		70
16) Acetone	2.629	43	4198	3.76 ug/l		97
18) Methyl Acetate	2.761	43	4326	1.97 ug/l #		55
31) Cyclohexane	5.385	56	2689	1.24 ug/l #		39
36) 1,1-Dichloropropene	5.382	75	8836	4.78 ug/l #		49
38) Carbon Tetrachloride	5.382	117	10712	5.41 ug/l #		18
51) 4-Methyl-2-Pentanone	7.902	43	1384	0.42 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	47443	20.11 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	47443	59.08 ug/l #		7
95) Naphthalene	14.102	128	67	2.75 ug/l #		69

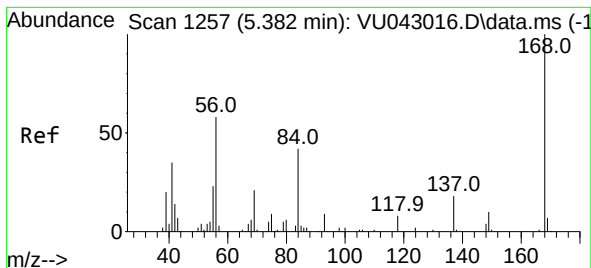
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 12 13:17:29 2021
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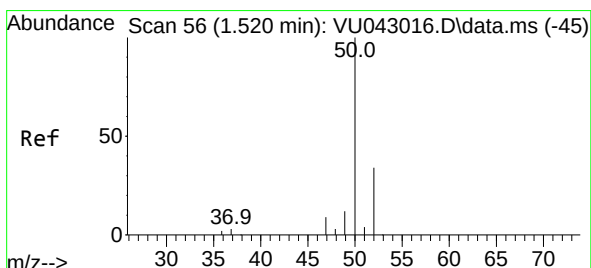
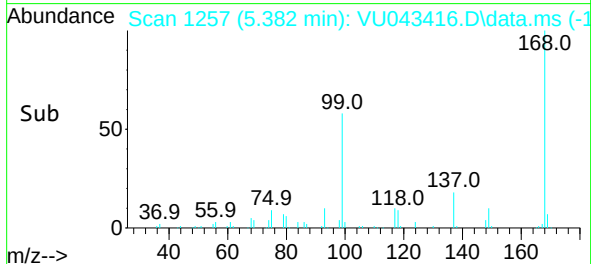
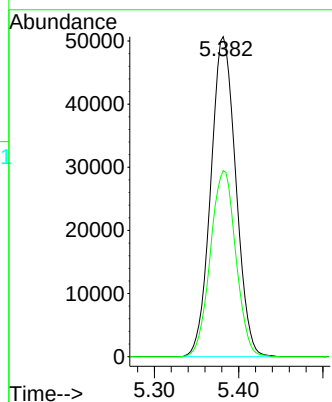
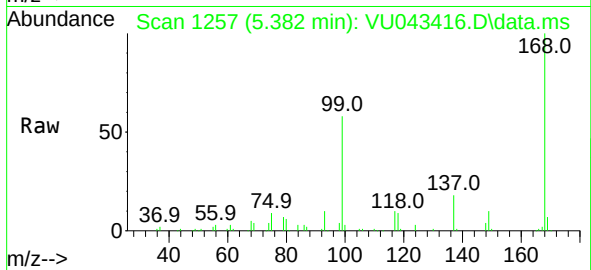




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

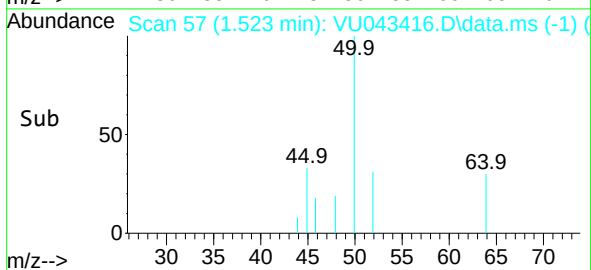
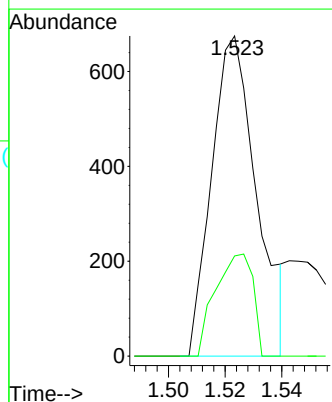
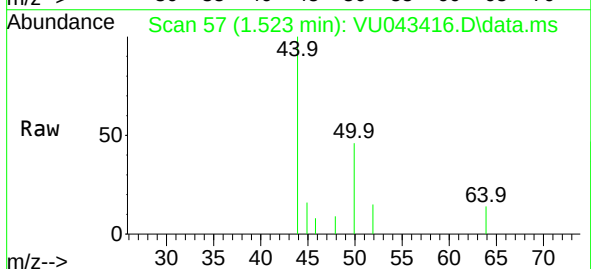
Instrument :
MSVOA_U
ClientSampled :

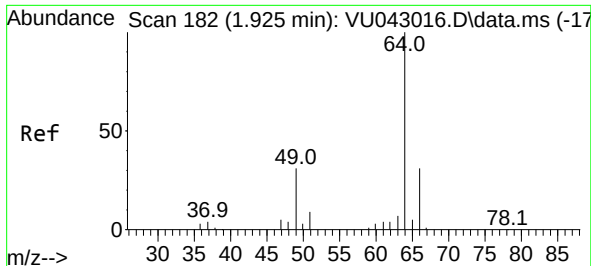
Tgt Ion:168 Resp: 104478
Ion Ratio Lower Upper
168 100
99 58.2 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

Tgt Ion: 50 Resp: 742
Ion Ratio Lower Upper
50 100
52 31.3 26.6 40.0

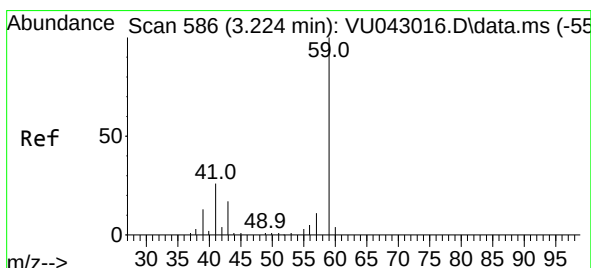
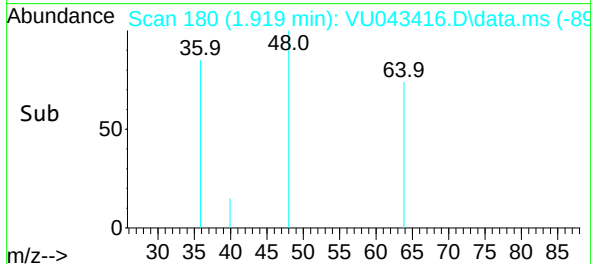
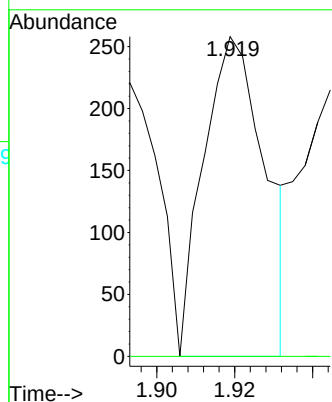
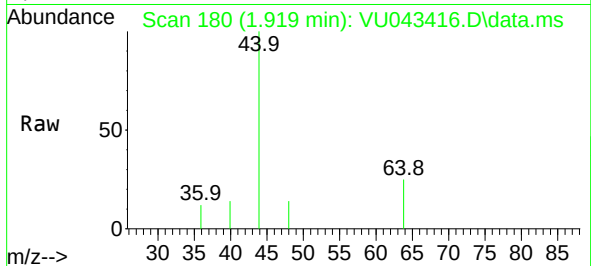




#6
Chloroethane
Concen: 0.31 ug/l
RT: 1.919 min Scan# 180
Delta R.T. -0.006 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

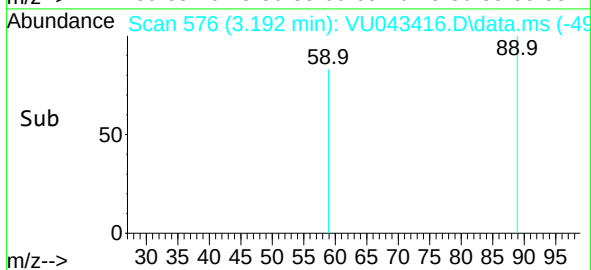
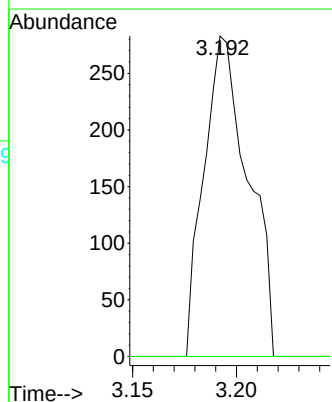
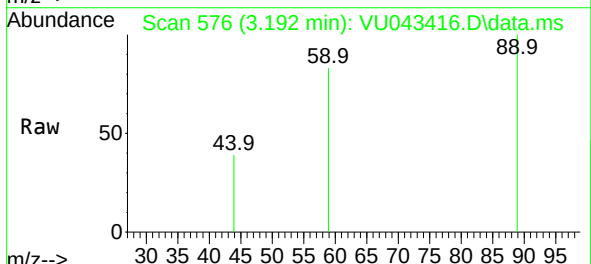
Instrument :
MSVOA_U
ClientSampleId :

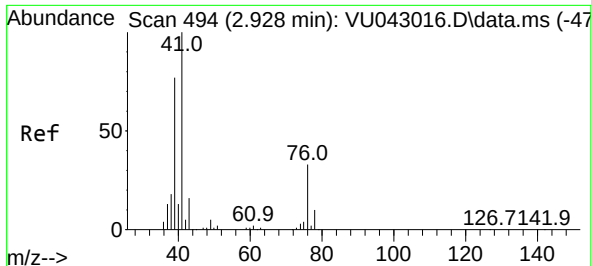
Tgt Ion: 64 Resp: 283
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.92 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

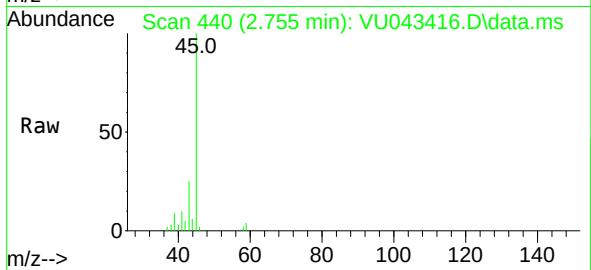
Tgt Ion: 59 Resp: 418
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



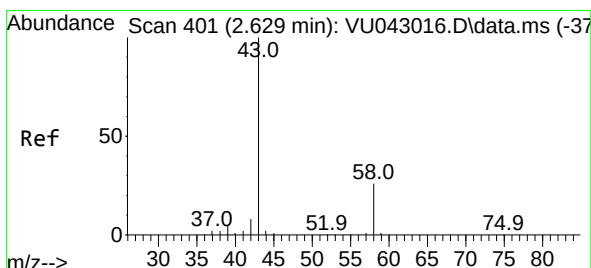
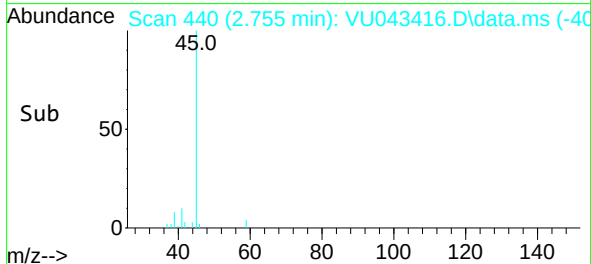
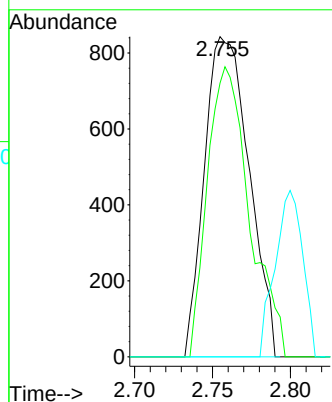


#14
 Allyl chloride
 Concen: 0.71 ug/l
 RT: 2.755 min Scan# 440
 Delta R.T. -0.173 min
 Lab File: VU043416.D
 Acq: 29 Apr 2021 03:38

Instrument :
 MSVOA_U
 ClientSampleId :

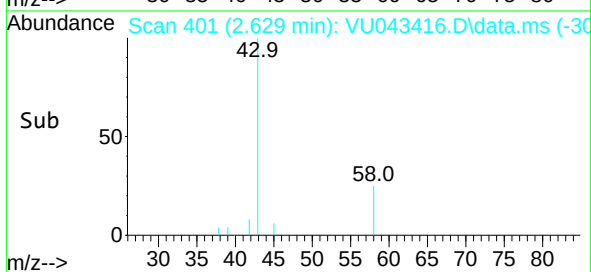
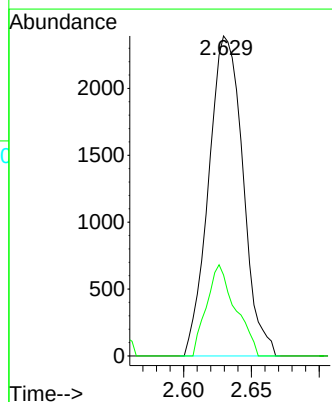
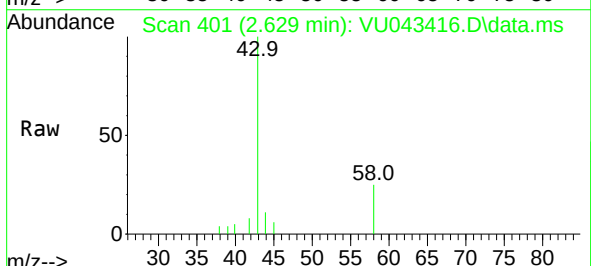


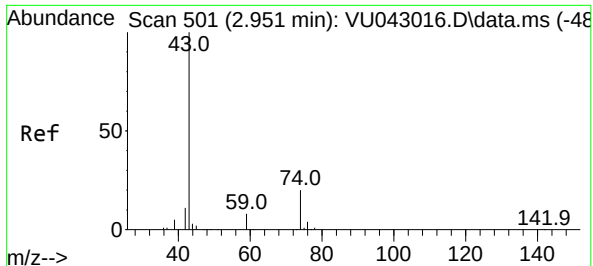
Tgt Ion: 41 Resp: 1678
 Ion Ratio Lower Upper
 41 100
 39 85.2 54.9 82.3#
 76 0.0 22.5 33.7#



#16
 Acetone
 Concen: 3.76 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU043416.D
 Acq: 29 Apr 2021 03:38

Tgt Ion: 43 Resp: 4198
 Ion Ratio Lower Upper
 43 100
 58 25.3 21.5 32.3

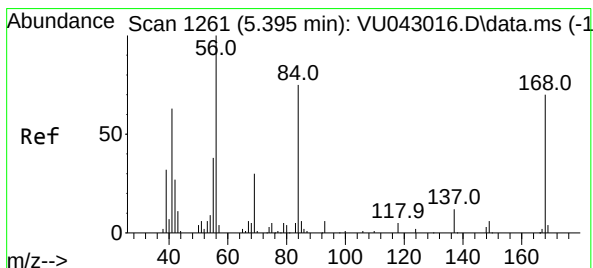
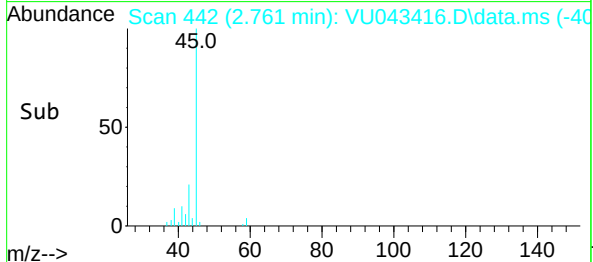
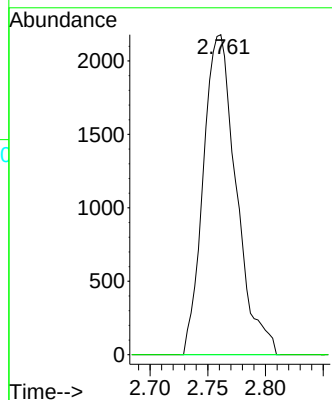
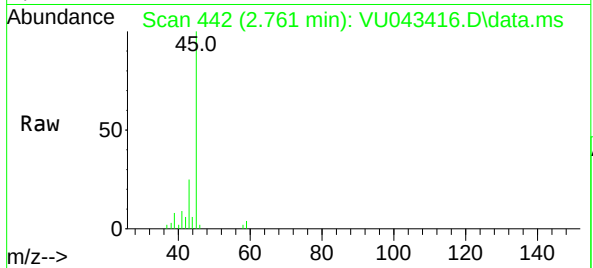




#18
Methyl Acetate
Concen: 1.97 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.190 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

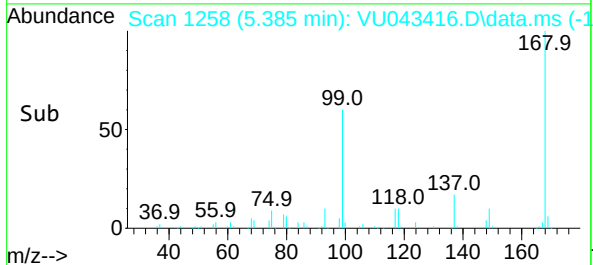
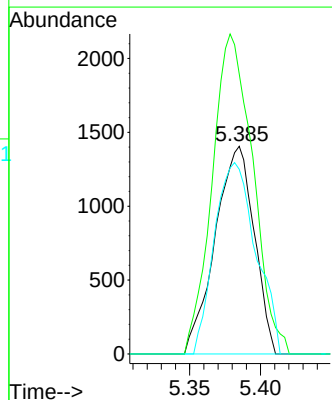
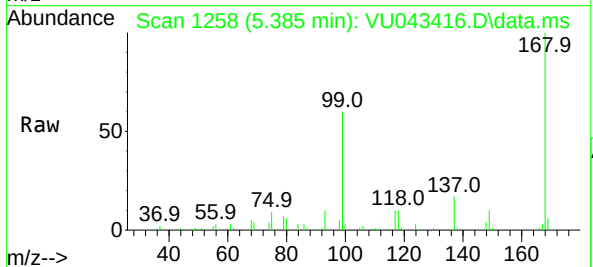
Instrument :
MSVOA_U
ClientSampled :

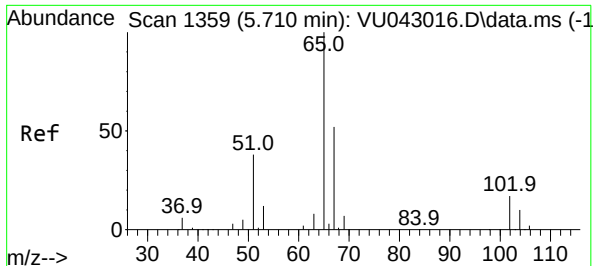
Tgt Ion: 43 Resp: 4326
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

Tgt Ion: 56 Resp: 2689
Ion Ratio Lower Upper
56 100
69 134.8 24.9 37.3#
84 88.9 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 57.62 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043416.D

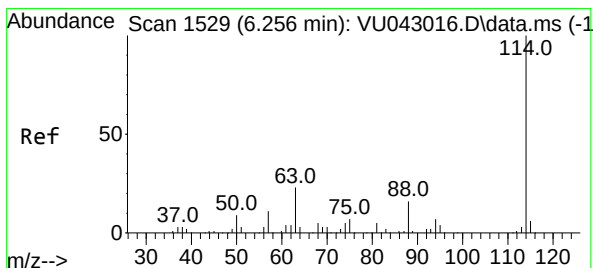
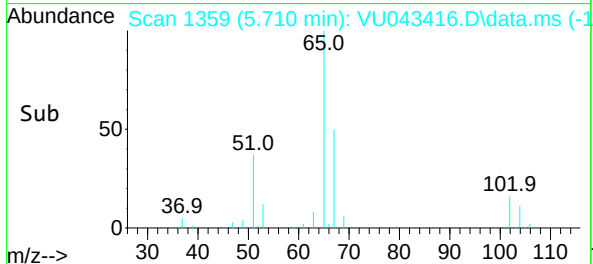
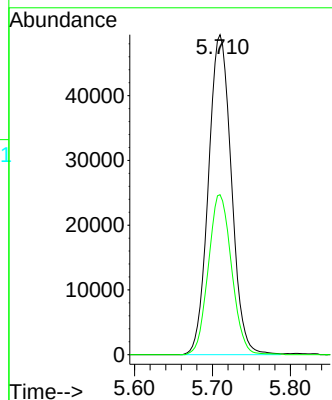
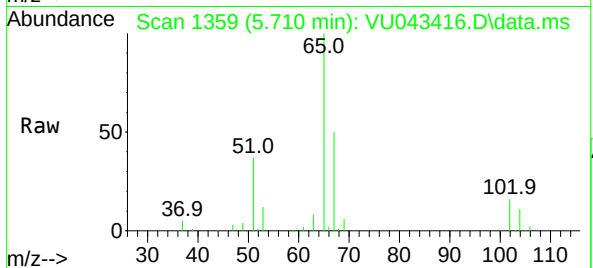
Acq: 29 Apr 2021 03:38

Tgt Ion: 65 Resp: 101204

Ion Ratio Lower Upper

65 100

67 50.7 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: VU043416.D

Acq: 29 Apr 2021 03:38

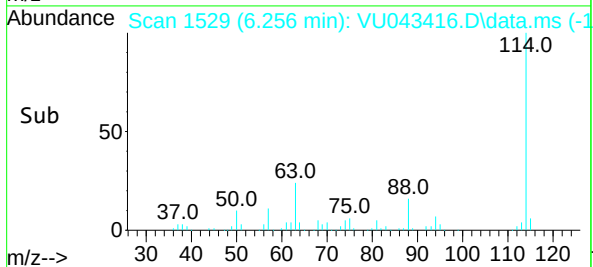
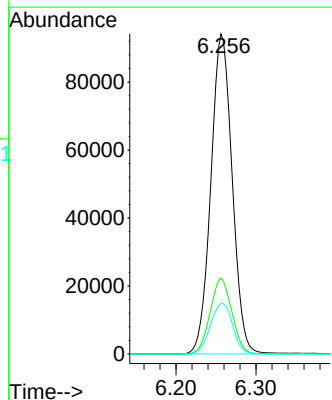
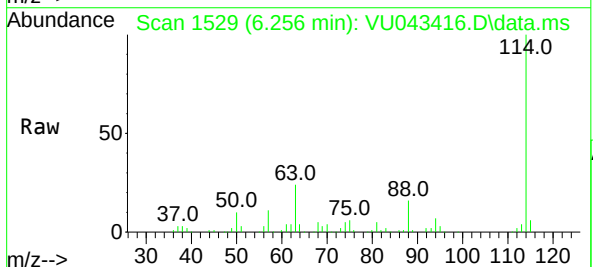
Tgt Ion: 114 Resp: 174094

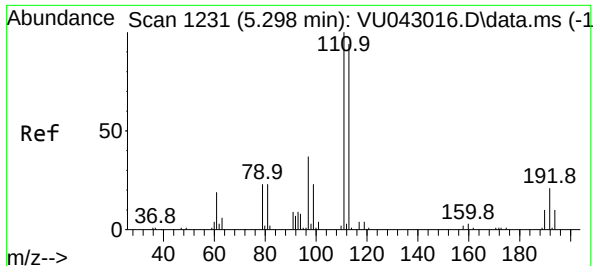
Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.2

88 15.9 0.0 33.4

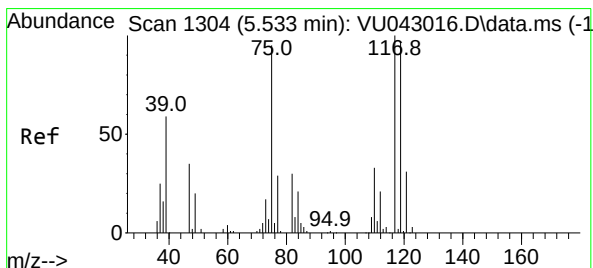
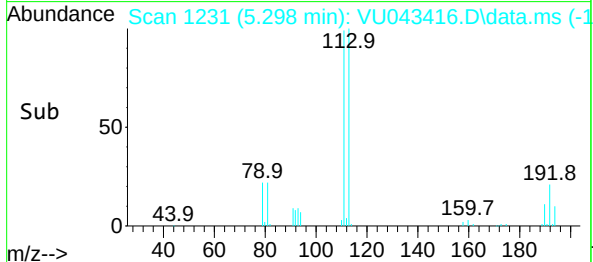
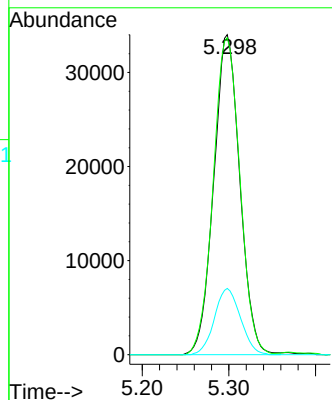
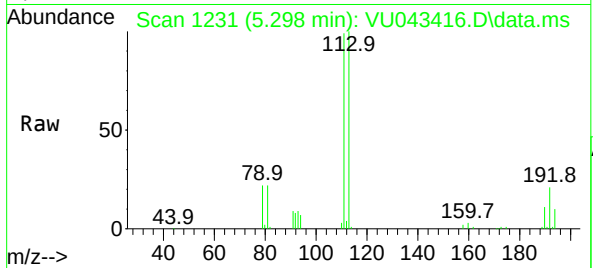




#35
Dibromofluoromethane
Concen: 54.39 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

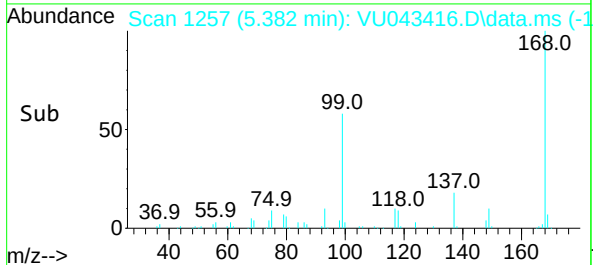
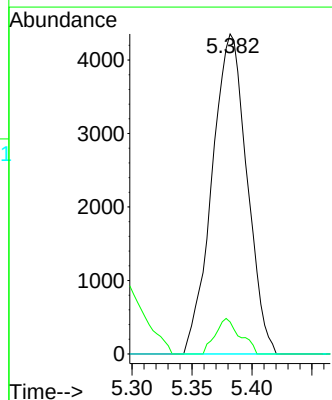
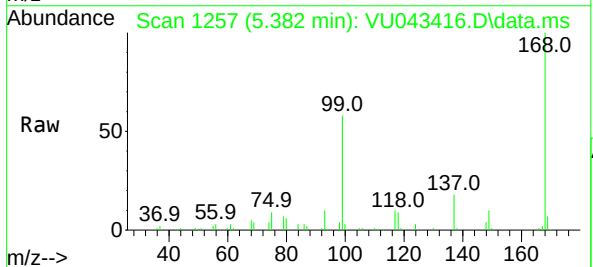
Instrument :
MSVOA_U
ClientSampleId :

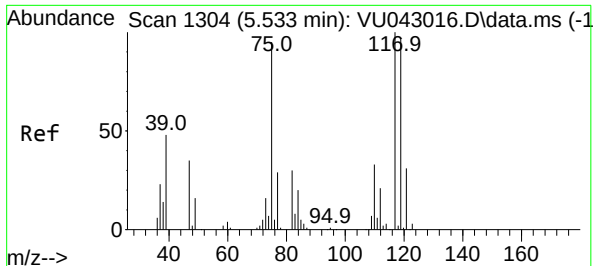
Tgt Ion:113 Resp: 71153
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 20.7 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

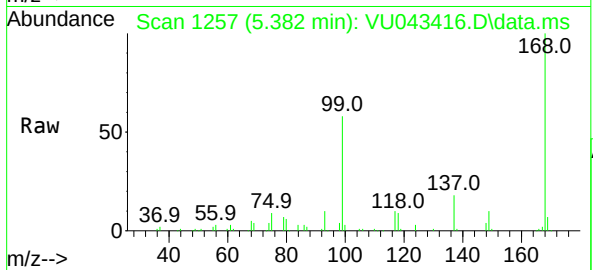
Tgt Ion: 75 Resp: 8836
Ion Ratio Lower Upper
75 100
110 7.8 16.8 50.3#
77 0.0 24.8 37.2#



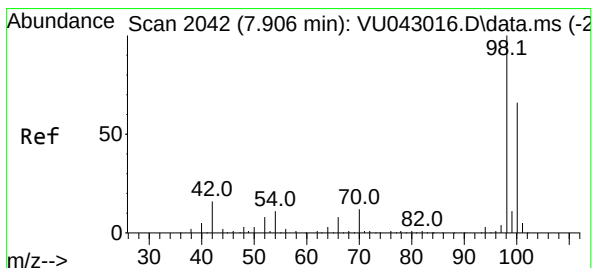
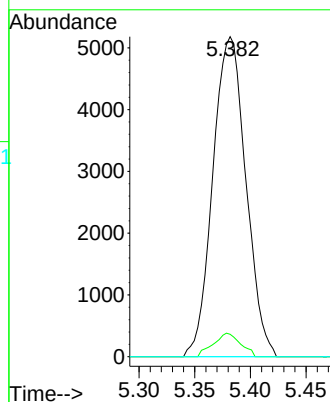
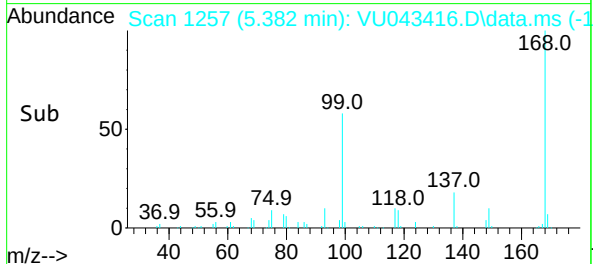


#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

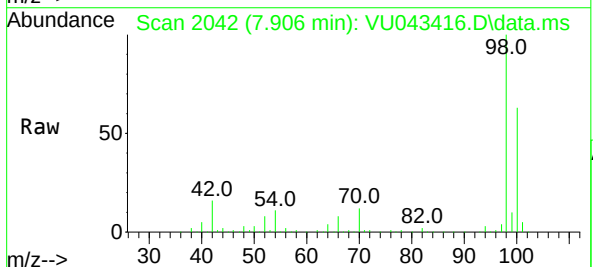
Instrument :
MSVOA_U
ClientSampleId :



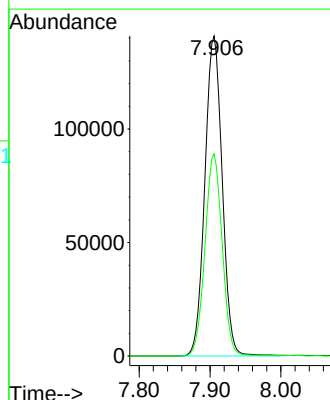
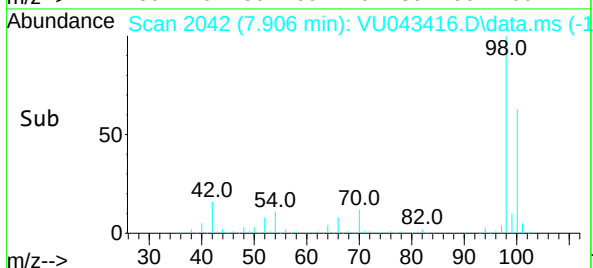
Tgt Ion:117 Resp: 10712
Ion Ratio Lower Upper
117 100
119 7.0 75.5 113.3#
121 0.0 24.7 37.1#

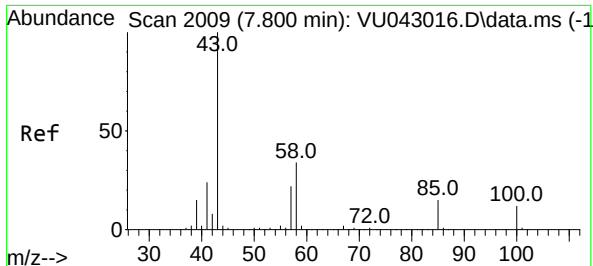


#50
Toluene-d8
Concen: 51.81 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38



Tgt Ion: 98 Resp: 239821
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2

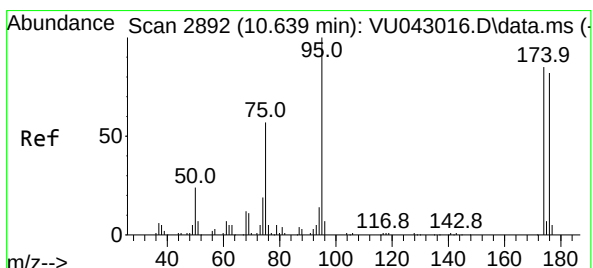
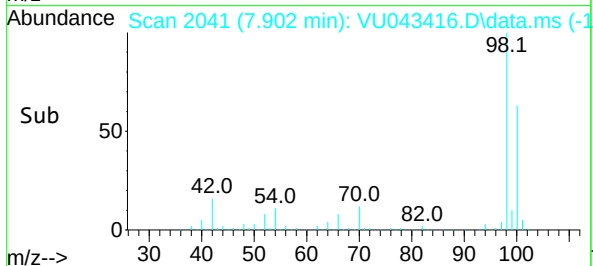
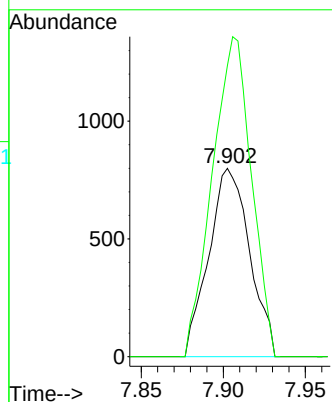
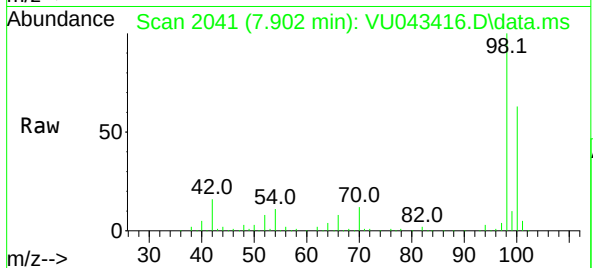




#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.102 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

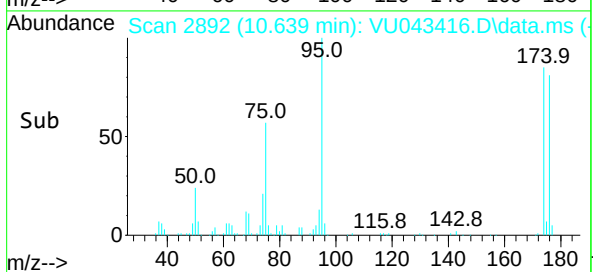
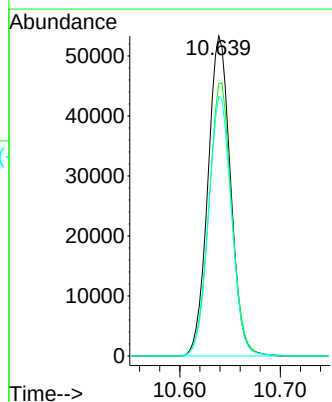
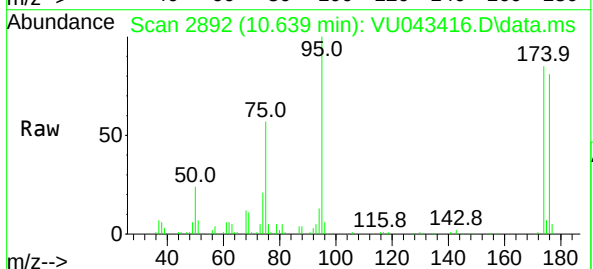
Instrument :
MSVOA_U
ClientSampled :

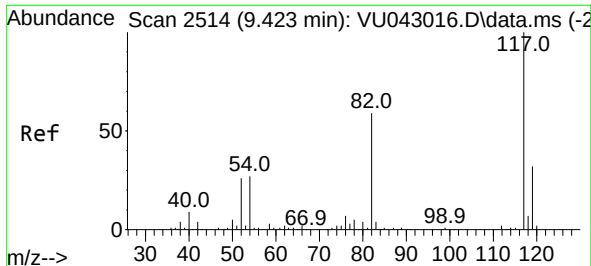
Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
58 162.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 45.07 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

Tgt Ion: 95 Resp: 83551
Ion Ratio Lower Upper
95 100
174 86.3 0.0 172.2
176 82.0 0.0 168.8

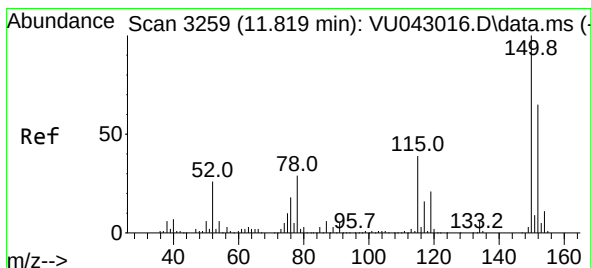
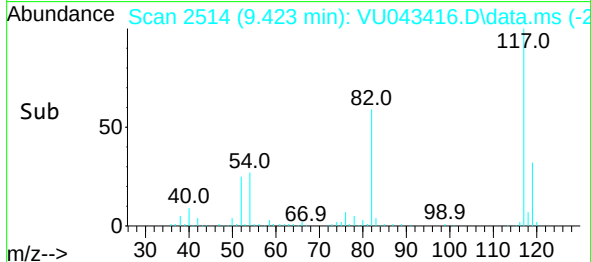
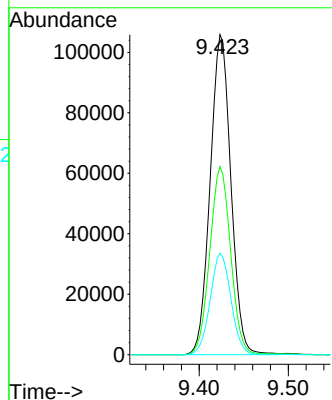
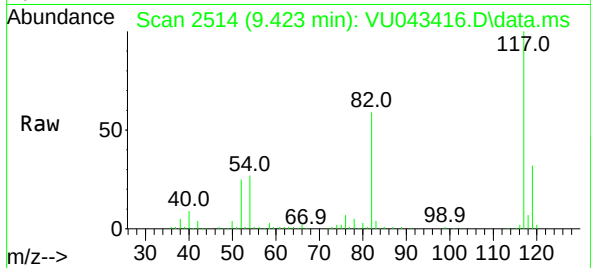




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

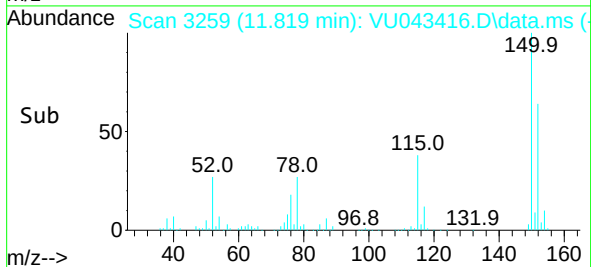
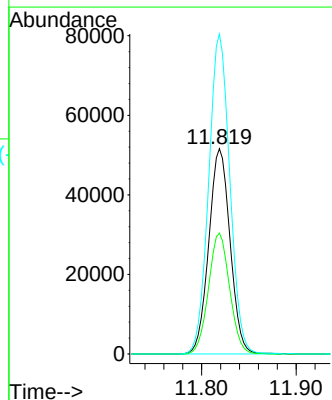
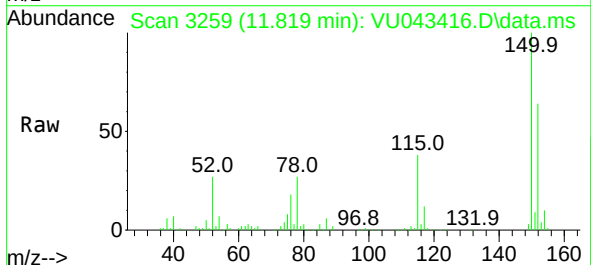
Instrument :
MSVOA_U
ClientSampleId :

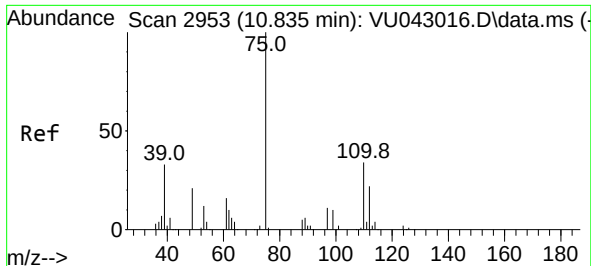
Tgt Ion:117 Resp: 171120
Ion Ratio Lower Upper
117 100
82 58.8 45.8 68.6
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

Tgt Ion:152 Resp: 80749
Ion Ratio Lower Upper
152 100
115 58.3 41.5 124.6
150 154.4 0.0 342.4

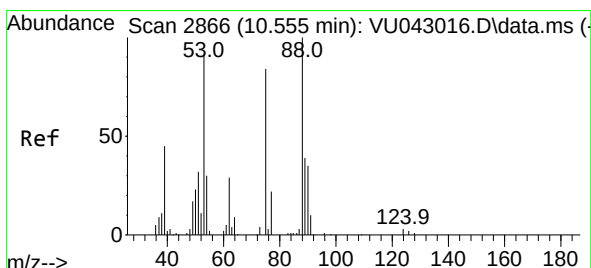
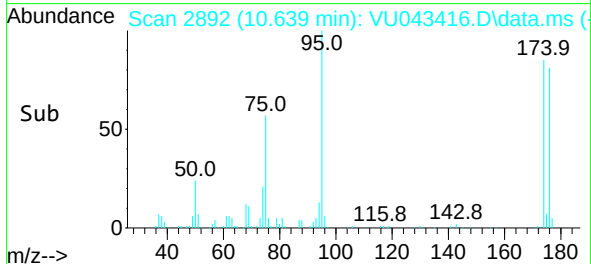
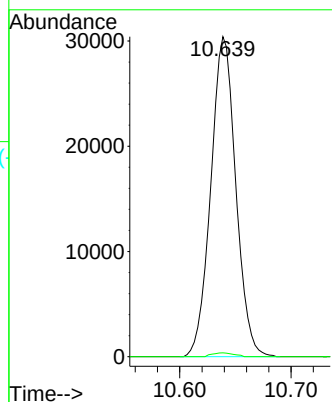
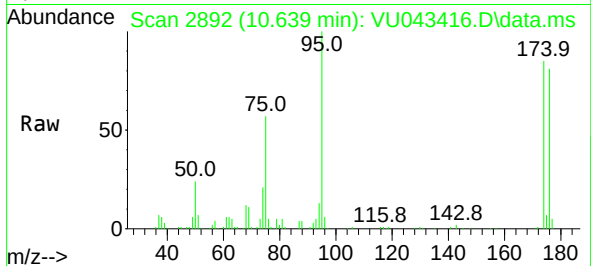




#76
1,2,3-Trichloropropane
Concen: 20.11 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

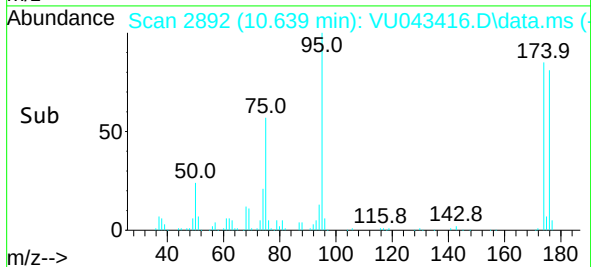
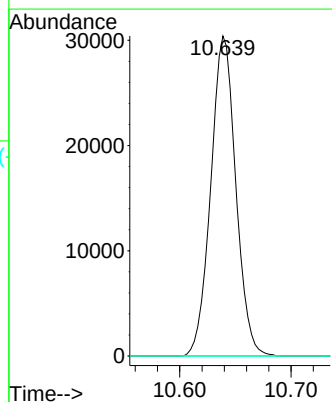
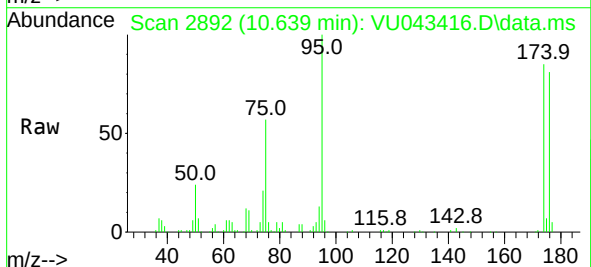
Instrument :
MSVOA_U
ClientSampled :

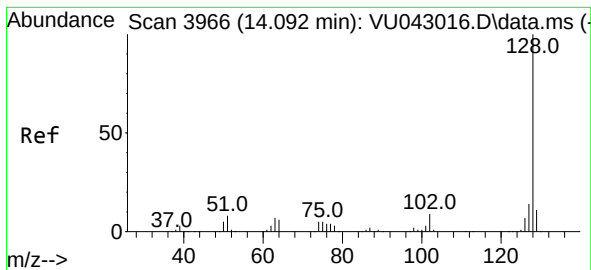
Tgt Ion: 75 Resp: 47443
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.08 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

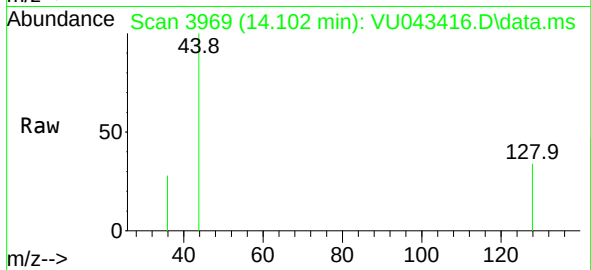
Tgt Ion: 75 Resp: 47443
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.75 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU043416.D
Acq: 29 Apr 2021 03:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 67
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

