

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043203.D
 Acq On : 19 Apr 2021 18:44
 Operator : SY/MD
 Sample : PB135814ZHE#06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:58:31 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)

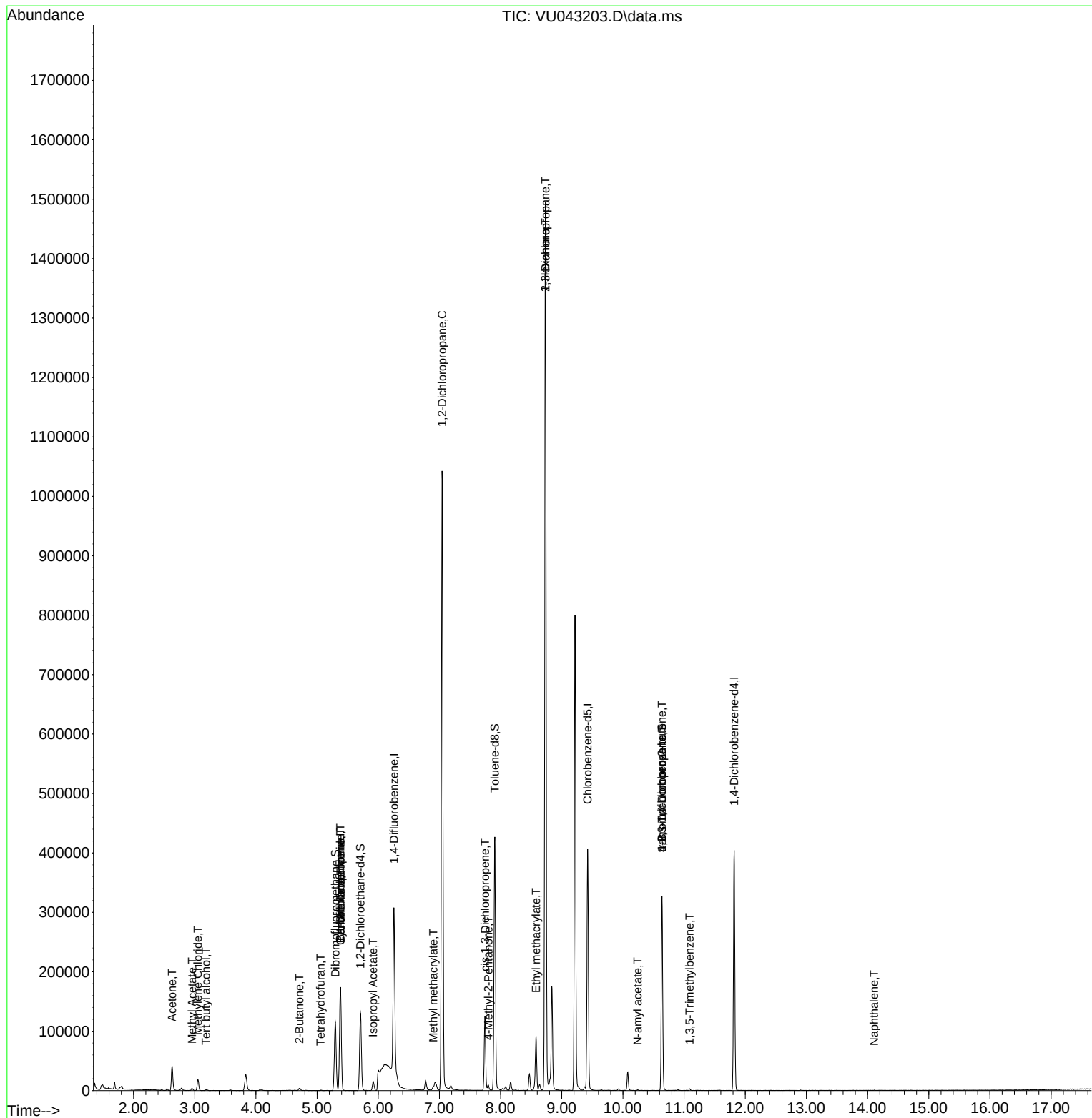
Internal Standards						
1) Pentafluorobenzene	5.382	168	118412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	203865	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	202874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	97053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100813	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	5.298	113	70560	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
50) Toluene-d8	7.906	98	256981	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	10.639	95	93795	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	578	Below Cal	#	84
11) Tert butyl alcohol	3.182	59	899	1.75	ug/l #	94
16) Acetone	2.629	43	49311	41.84	ug/l	94
18) Methyl Acetate	2.954	43	5137	2.06	ug/l	98
20) Methylene Chloride	3.051	84	7767	5.49	ug/l	91
25) 2-Butanone	4.710	43	6524	3.61	ug/l	94
29) Tetrahydrofuran	5.060	42	238	0.21	ug/l #	68
31) Cyclohexane	5.385	56	3020	1.23	ug/l #	23
36) 1,1-Dichloropropene	5.382	75	9798	4.53	ug/l #	50
38) Carbon Tetrachloride	5.382	117	11586	5.00	ug/l #	17
43) Isopropyl Acetate	5.915	43	16526	3.13	ug/l	97
45) 1,2-Dichloropropane	7.044	63	1015	0.59	ug/l #	43
48) Methyl methacrylate	6.899	41	6761	2.55	ug/l #	17
51) 4-Methyl-2-Pentanone	7.800	43	6087	1.56	ug/l	96
54) cis-1,3-Dichloropropene	7.745	75	18073	6.67	ug/l #	66
56) Ethyl methacrylate	8.581	69	730	0.27	ug/l #	1
57) 1,3-Dichloropropane	8.732	76	12718	4.48	ug/l #	43
59) 2-Hexanone	8.732	43	228426	71.09	ug/l #	54
74) N-amyl acetate	10.240	43	1076	0.26	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	55386	19.53	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.092	105	1758	0.31	ug/l	89
81) trans-1,4-Dichloro-2-b...	10.639	75	55386	57.39	ug/l #	7
95) Naphthalene	14.108	128	77	2.75	ug/l #	69

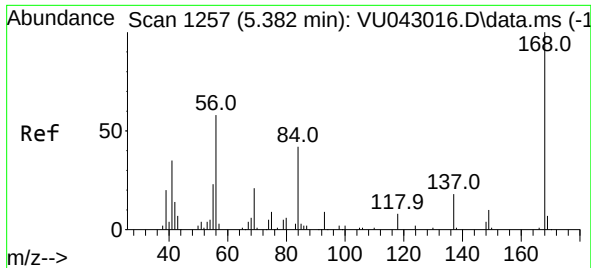
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
Data File : VU043203.D
Acq On : 19 Apr 2021 18:44
Operator : SY/MD
Sample : PB135814ZHE#06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 20 02:58:31 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

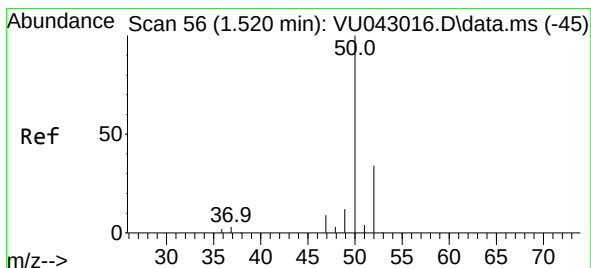
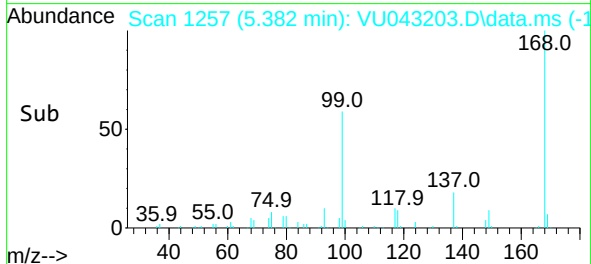
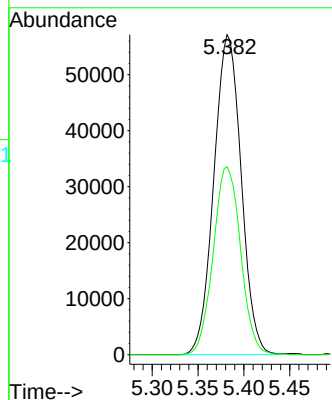
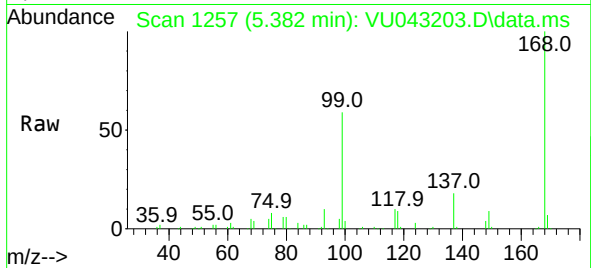




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

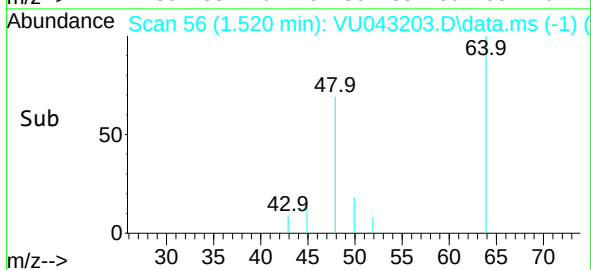
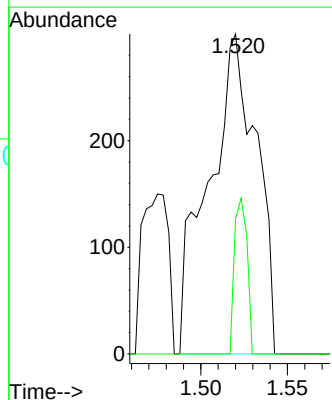
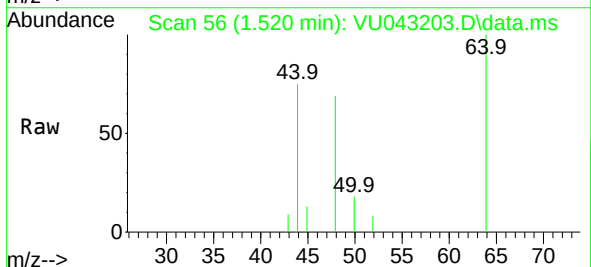
Instrument :
MSVOA_U
ClientSampled :

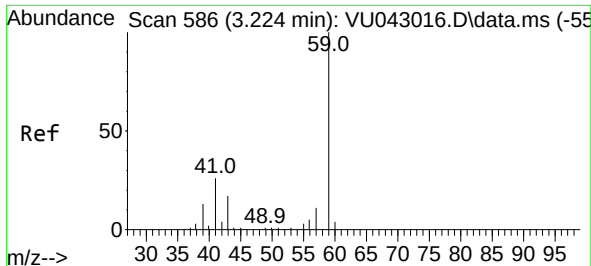
Tgt Ion:168 Resp: 118412
Ion Ratio Lower Upper
168 100
99 58.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 50 Resp: 578
Ion Ratio Lower Upper
50 100
52 42.3 26.6 40.0#

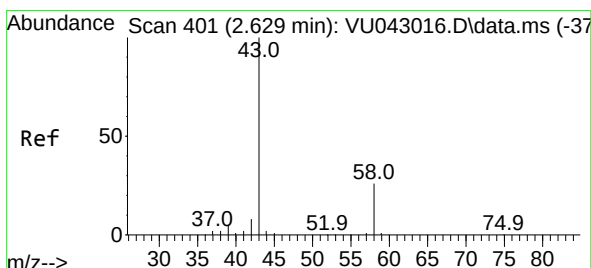
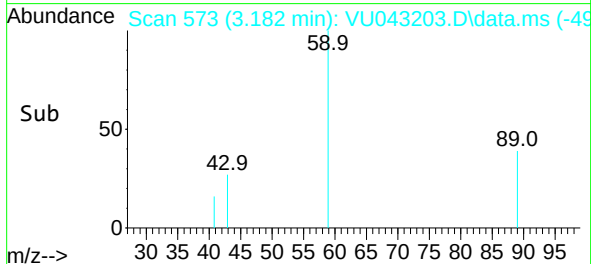
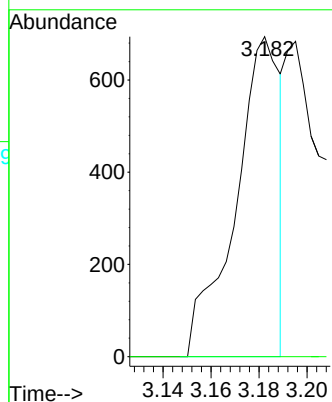
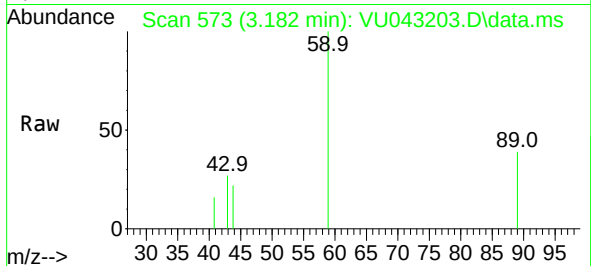




#11
Tert butyl alcohol
Concen: 1.75 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.042 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

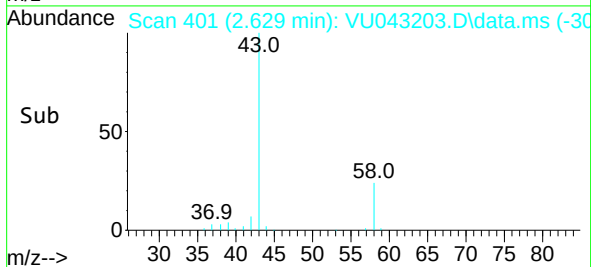
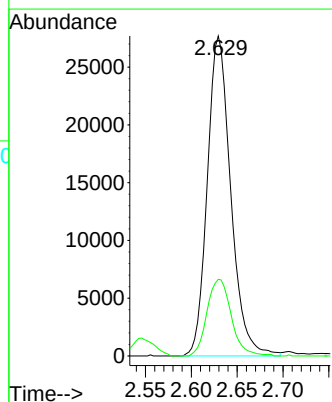
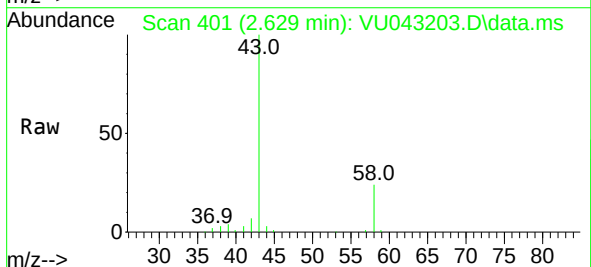
Instrument :
MSVOA_U
ClientSampled :

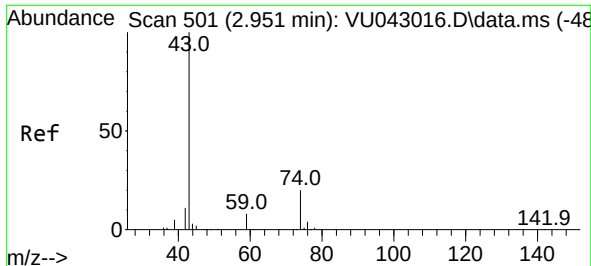
Tgt Ion: 59 Resp: 899
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 41.84 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 43 Resp: 49311
Ion Ratio Lower Upper
43 100
58 24.0 21.5 32.3

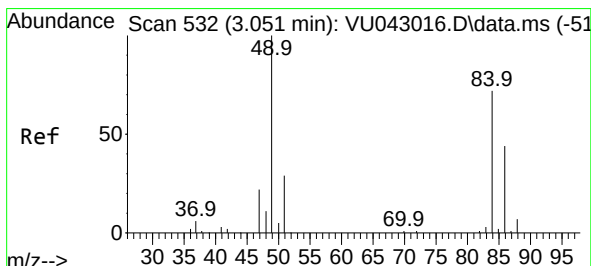
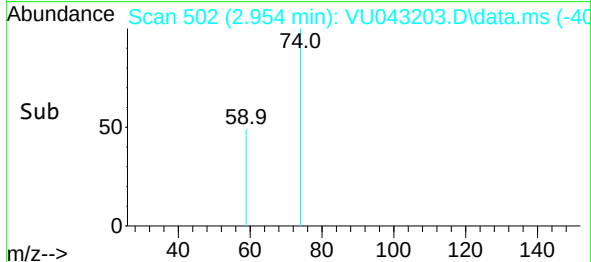
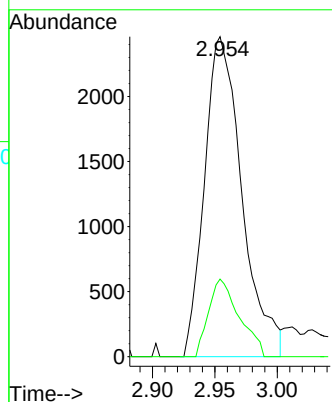
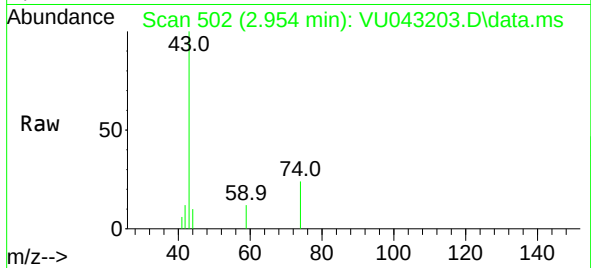




#18
Methyl Acetate
Concen: 2.06 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

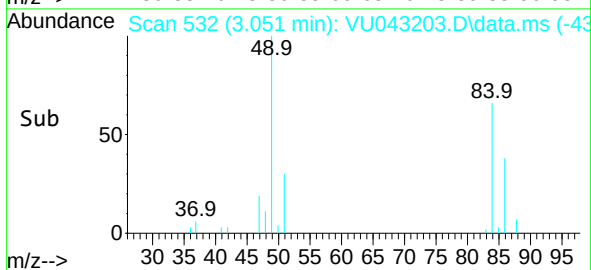
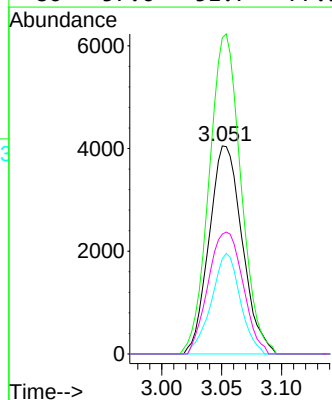
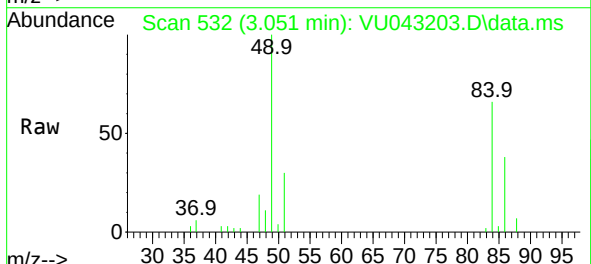
Instrument :
MSVOA_U
ClientSampled :

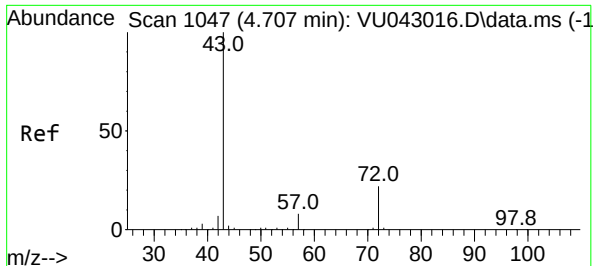
Tgt Ion: 43 Resp: 5137
Ion Ratio Lower Upper
43 100
74 19.9 16.6 25.0



#20
Methylene Chloride
Concen: 5.49 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 84 Resp: 7767
Ion Ratio Lower Upper
84 100
49 152.1 112.6 169.0
51 45.7 33.7 50.5
86 57.6 51.7 77.5

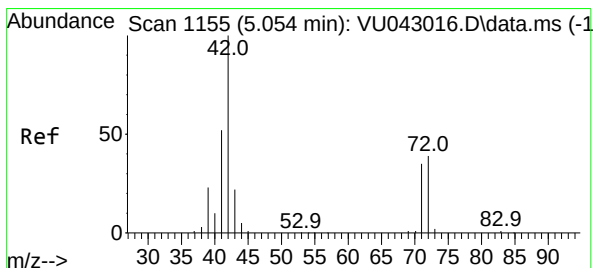
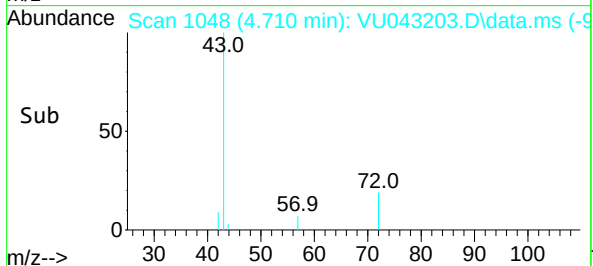
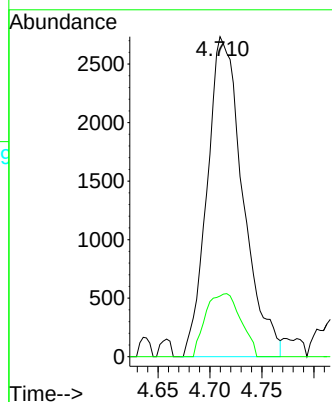
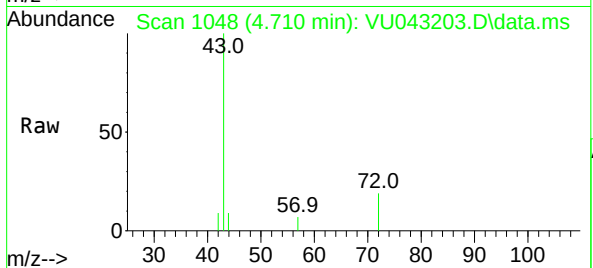




#25
2-Butanone
Concen: 3.61 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

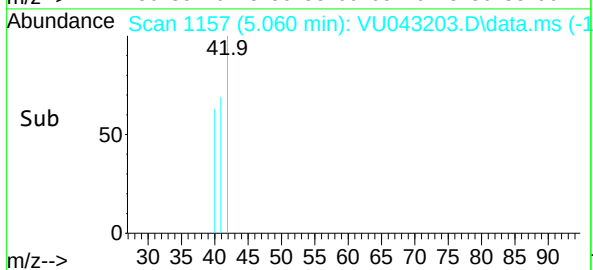
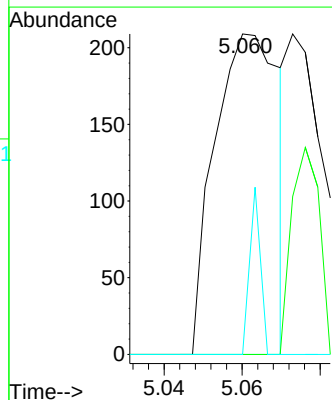
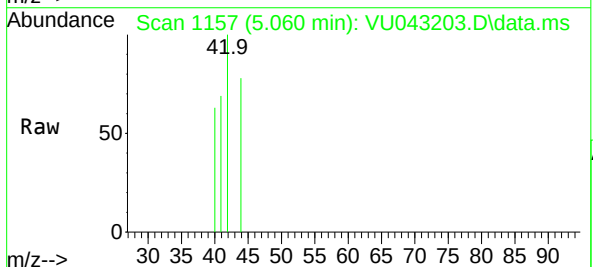
Instrument :
MSVOA_U
ClientSampled :

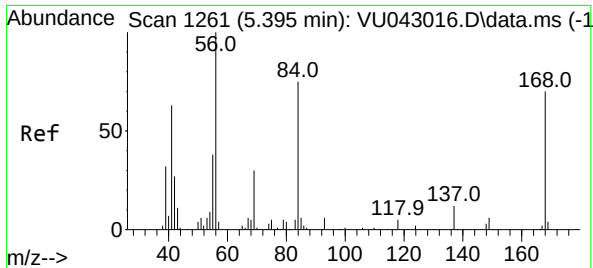
Tgt Ion: 43 Resp: 6524
Ion Ratio Lower Upper
43 100
72 18.9 17.4 26.0



#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 5.060 min Scan# 1157
Delta R.T. 0.006 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 42 Resp: 238
Ion Ratio Lower Upper
42 100
72 28.2 31.5 47.3#
71 8.8 29.5 44.3#

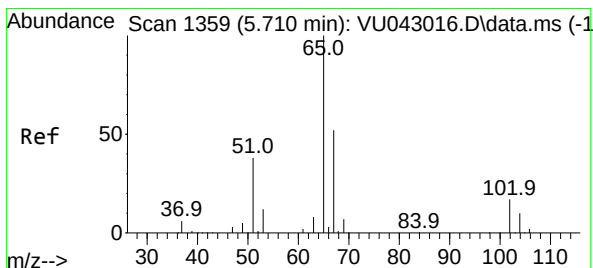
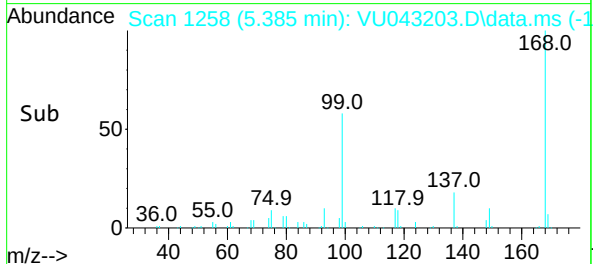
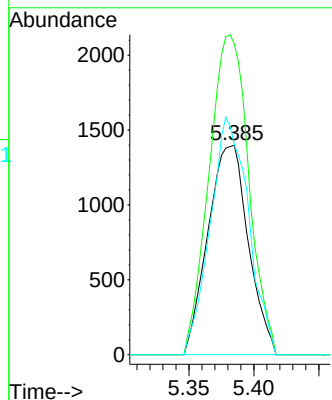
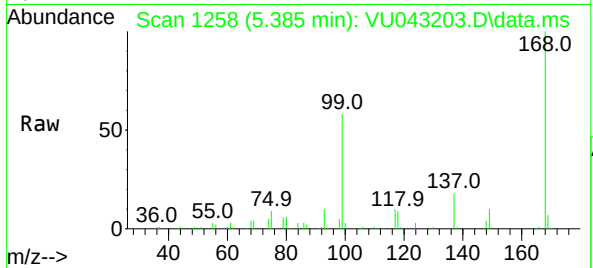




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

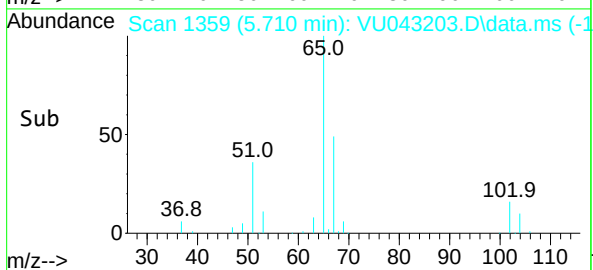
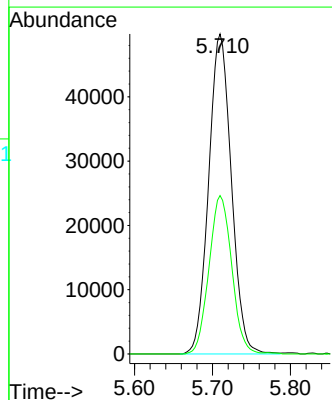
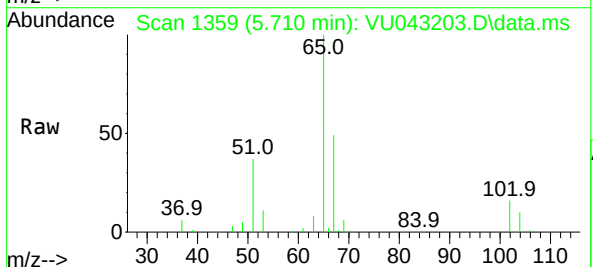
Instrument :
MSVOA_U
ClientSampleId :

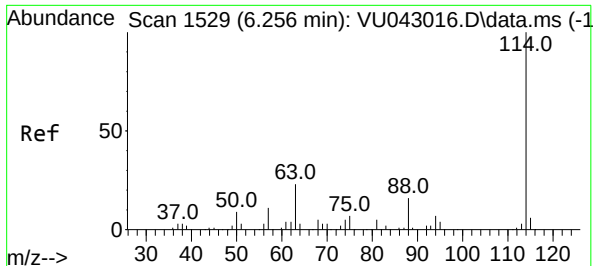
Tgt Ion: 56 Resp: 3020
Ion Ratio Lower Upper
56 100
69 148.3 24.9 37.3#
84 100.5 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 50.64 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 65 Resp: 100813
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.8

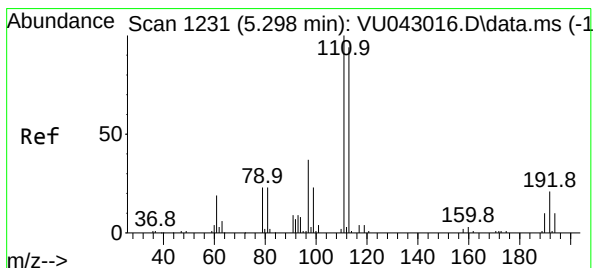
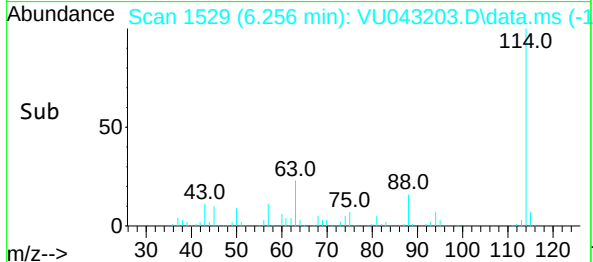
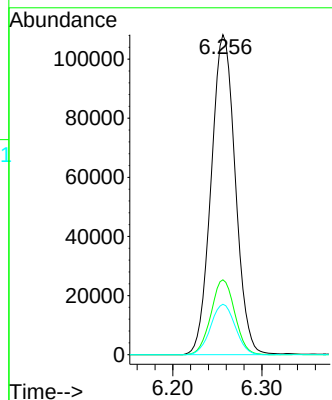
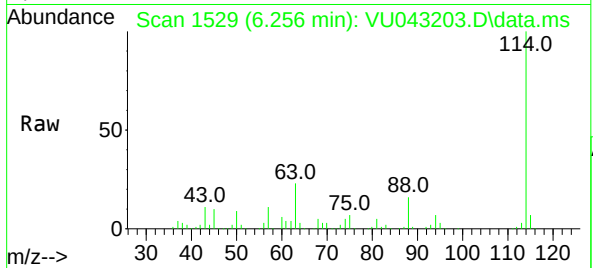




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

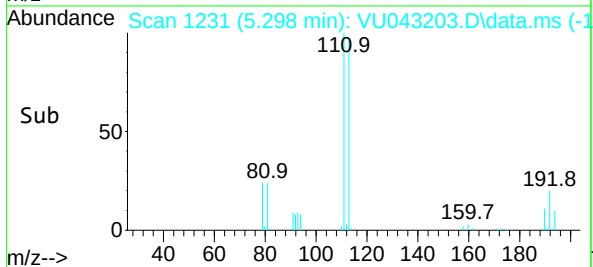
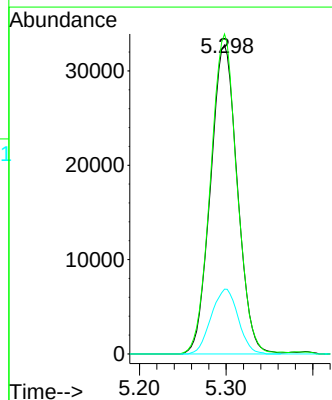
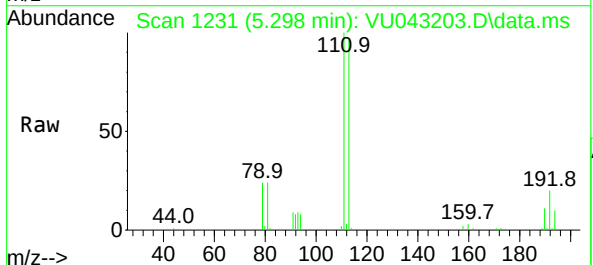
Instrument :
MSVOA_U
ClientSampled :

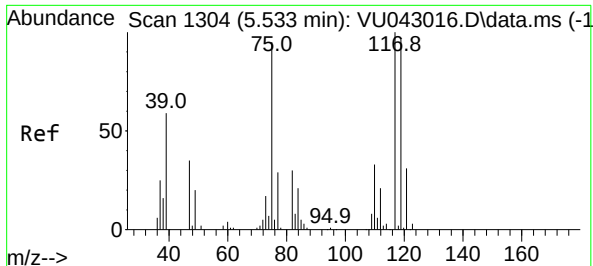
Tgt Ion:114 Resp: 203865
Ion Ratio Lower Upper
114 100
63 23.4 0.0 44.2
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.06 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

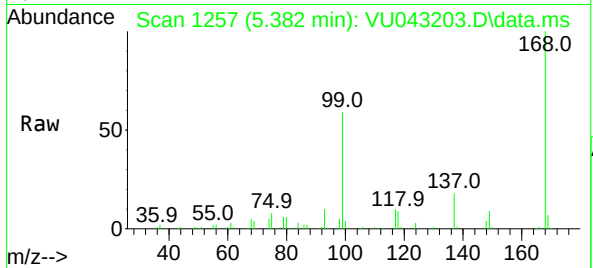
Tgt Ion:113 Resp: 70560
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 21.0 17.2 25.8



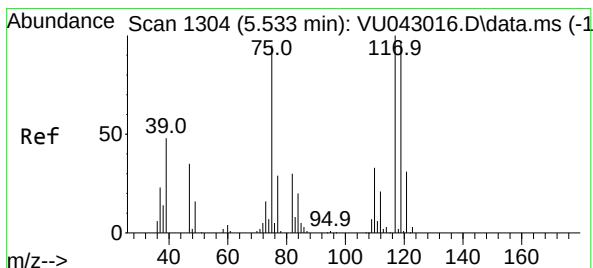
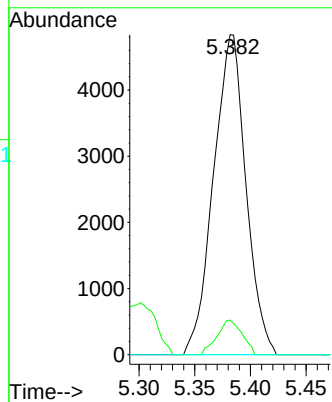
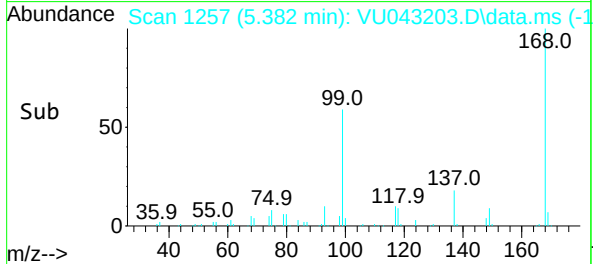


#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

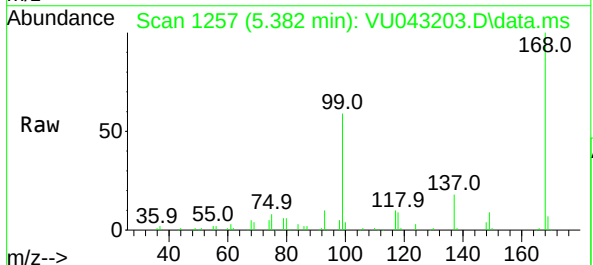
Instrument :
MSVOA_U
ClientSampled :



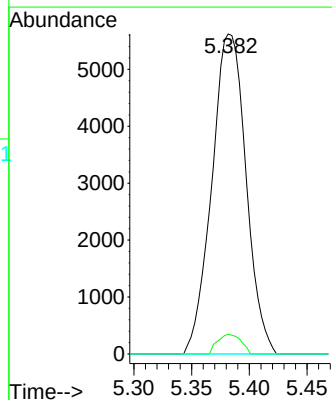
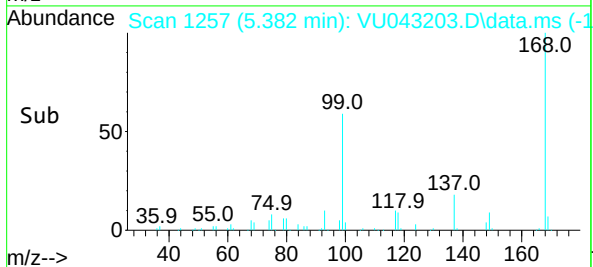
Tgt Ion: 75 Resp: 9798
Ion Ratio Lower Upper
75 100
110 8.3 16.8 50.3#
77 0.0 24.8 37.2#

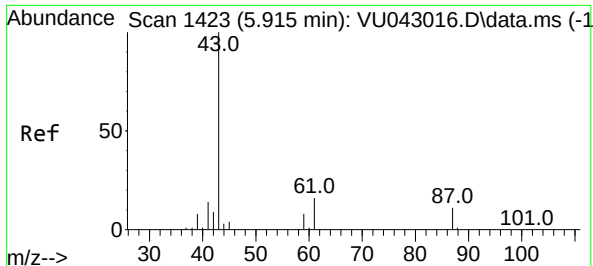


#38
Carbon Tetrachloride
Concen: 5.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44



Tgt Ion: 117 Resp: 11586
Ion Ratio Lower Upper
117 100
119 6.2 75.5 113.3#
121 0.0 24.7 37.1#



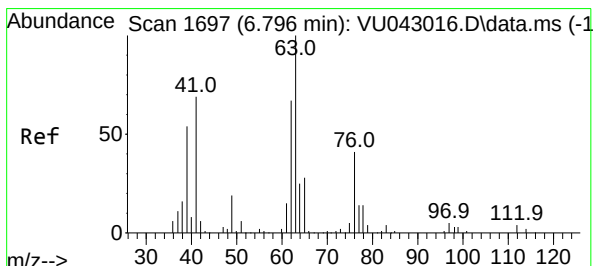
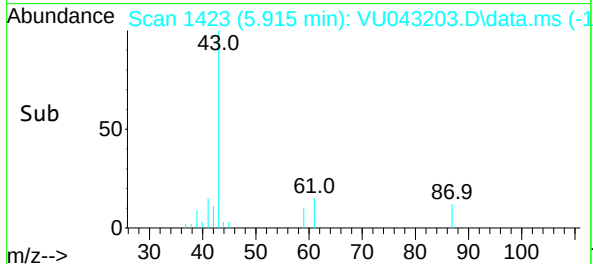
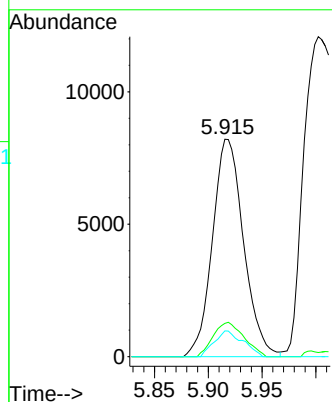
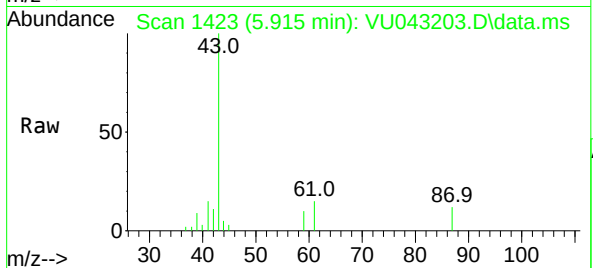


#43

Isopropyl Acetate
Concen: 3.13 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Instrument :
MSVOA_U
ClientSampled :

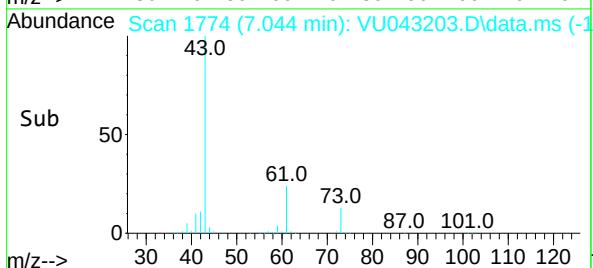
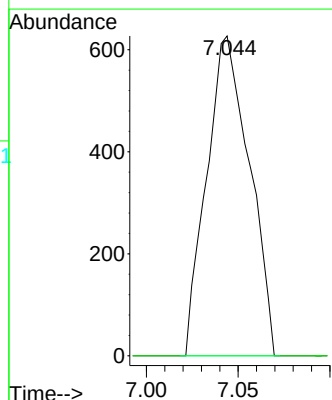
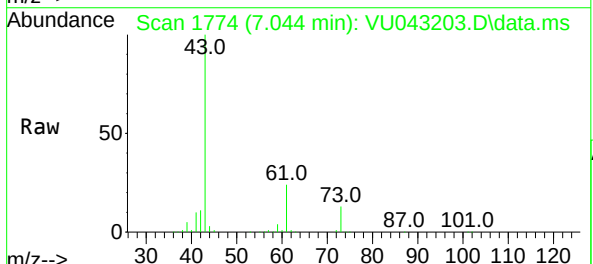
Tgt Ion: 43 Resp: 16526
Ion Ratio Lower Upper
43 100
61 15.7 14.4 21.6
87 10.9 8.8 13.2

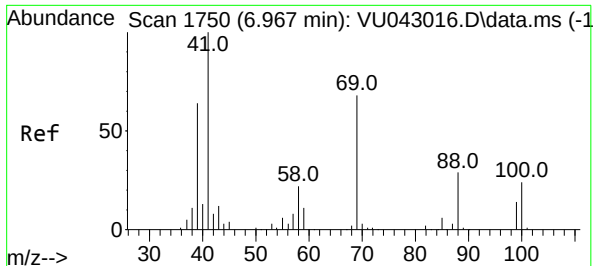


#45

1,2-Dichloropropane
Concen: 0.59 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.248 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 63 Resp: 1015
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#





#48

Methyl methacrylate

Concen: 2.55 ug/l

RT: 6.899 min Scan# 1729

Delta R.T. -0.068 min

Lab File: VU043203.D

Acq: 19 Apr 2021 18:44

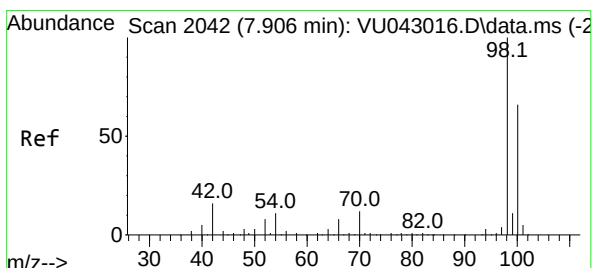
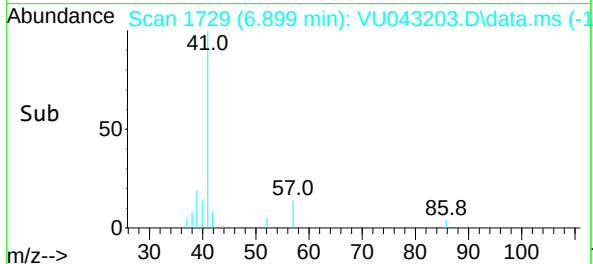
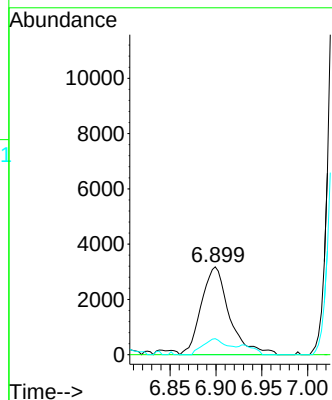
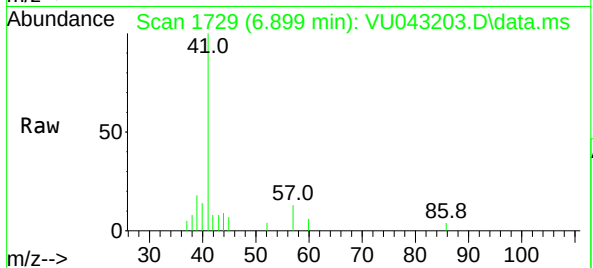
Tgt Ion: 41 Resp: 6761

Ion Ratio Lower Upper

41 100

69 0.0 57.0 85.6#

39 0.0 48.4 72.6#



#50

Toluene-d8

Concen: 47.41 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043203.D

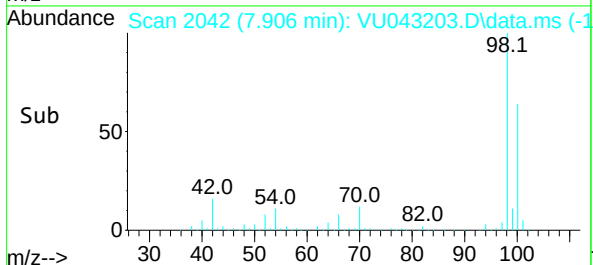
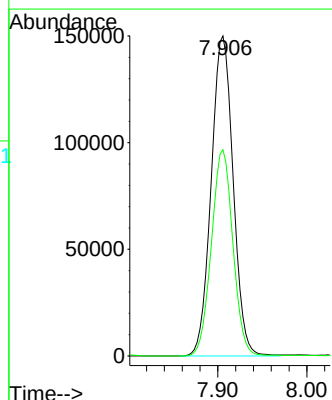
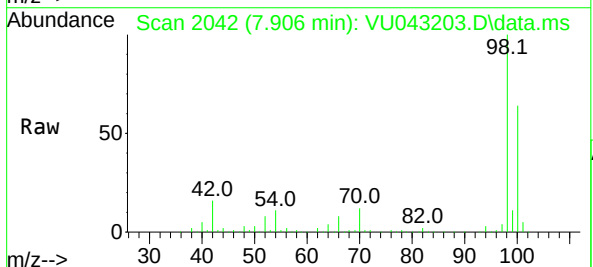
Acq: 19 Apr 2021 18:44

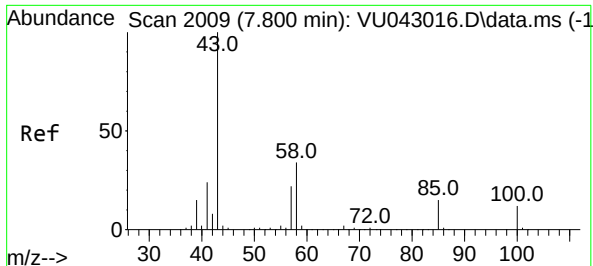
Tgt Ion: 98 Resp: 256981

Ion Ratio Lower Upper

98 100

100 63.0 50.2 75.2

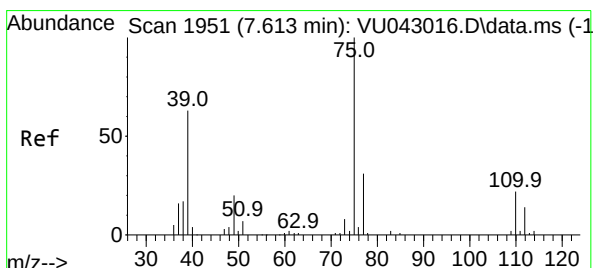
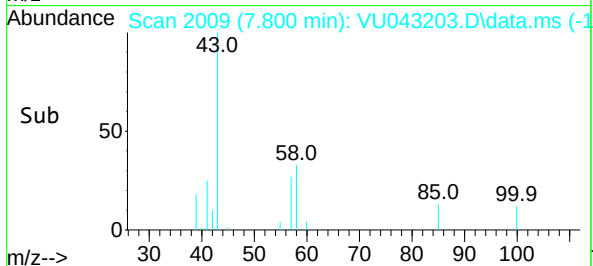
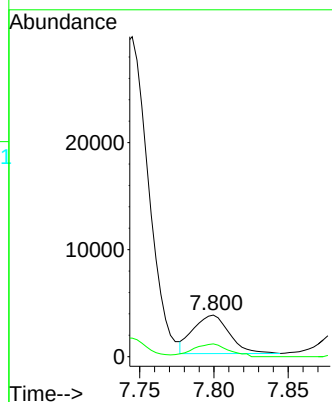
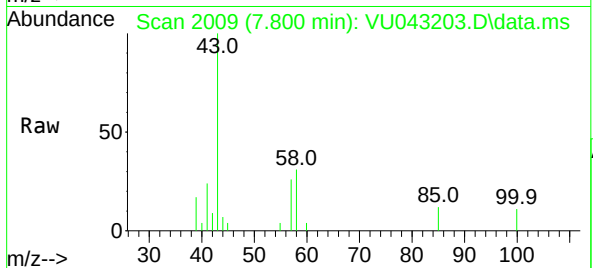




#51
4-Methyl-2-Pentanone
Concen: 1.56 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

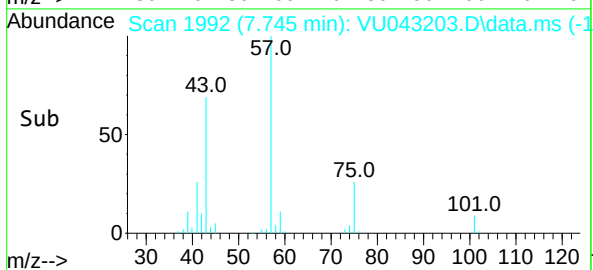
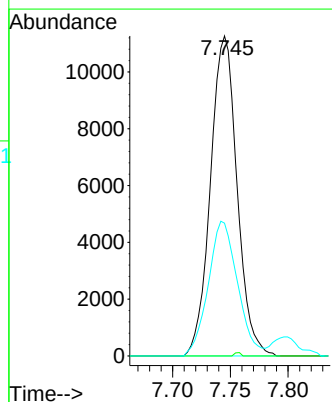
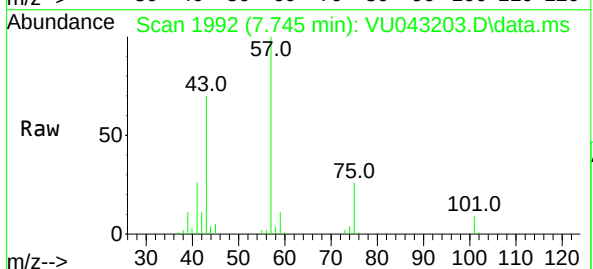
Instrument :
MSVOA_U
ClientSampled :

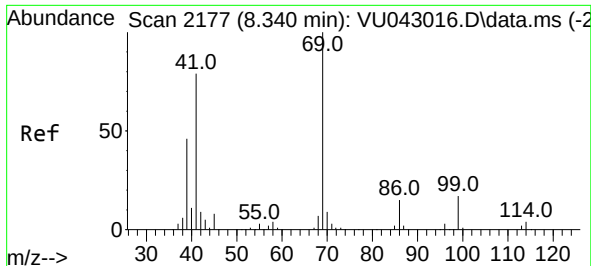
Tgt Ion: 43 Resp: 6087
Ion Ratio Lower Upper
43 100
58 32.8 28.1 42.1



#54
cis-1,3-Dichloropropene
Concen: 6.67 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 75 Resp: 18073
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 41.5 46.1 69.1#

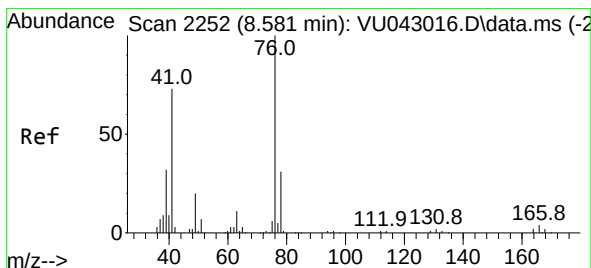
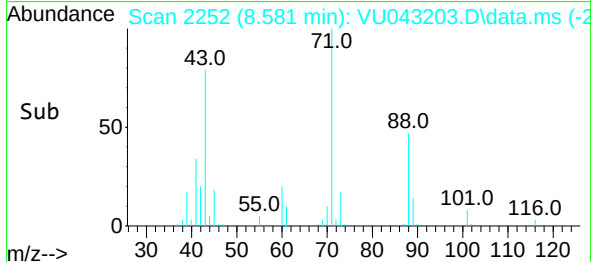
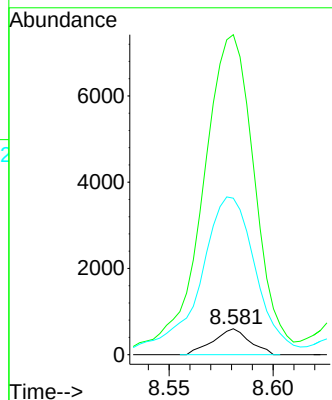
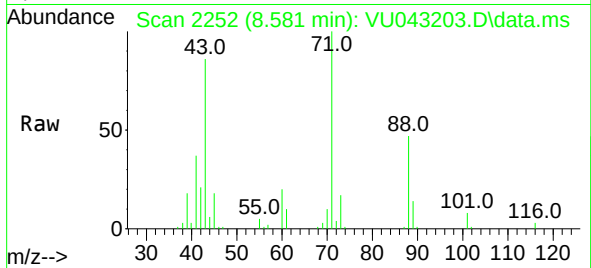




#56
Ethyl methacrylate
Concen: 0.27 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.241 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

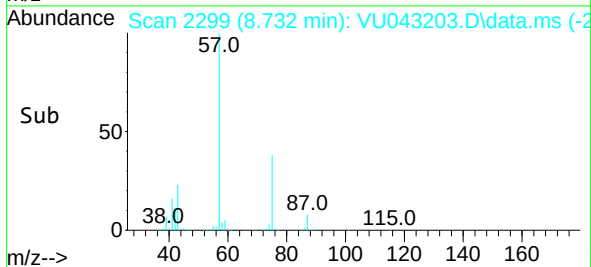
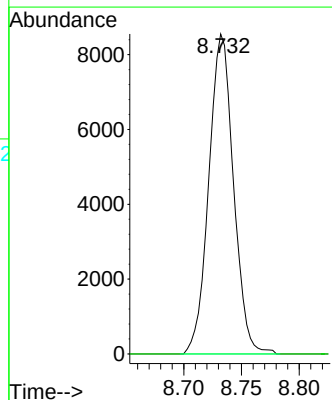
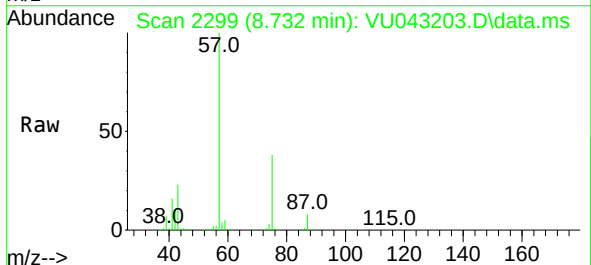
Instrument :
MSVOA_U
ClientSampleId :

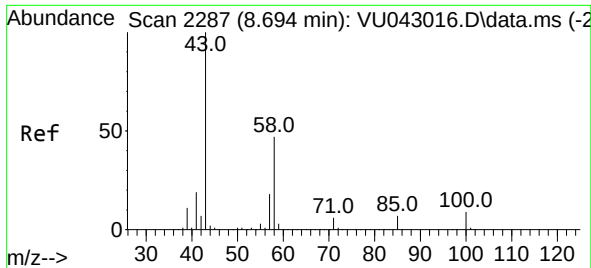
Tgt Ion: 69 Resp: 730
Ion Ratio Lower Upper
69 100
41 1776.2 62.8 94.2#
39 947.0 36.2 54.2#



#57
1,3-Dichloropropane
Concen: 4.48 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 76 Resp: 12718
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

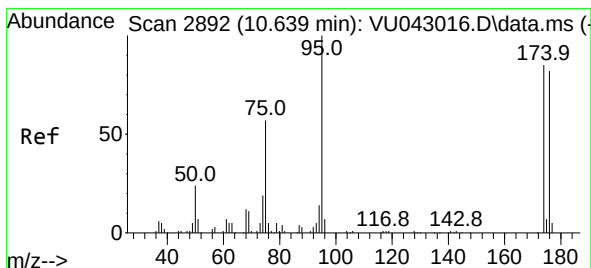
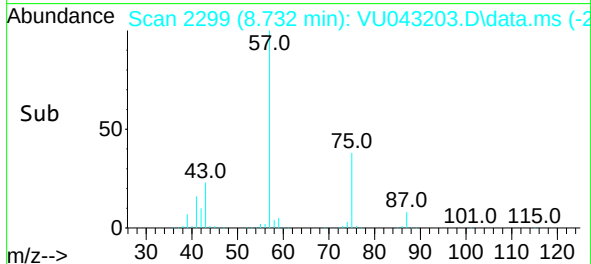
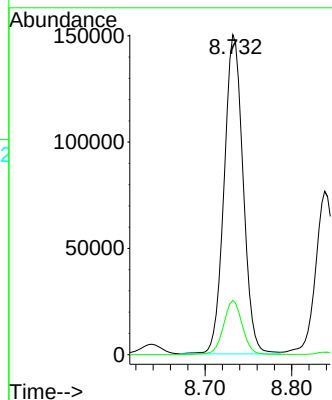
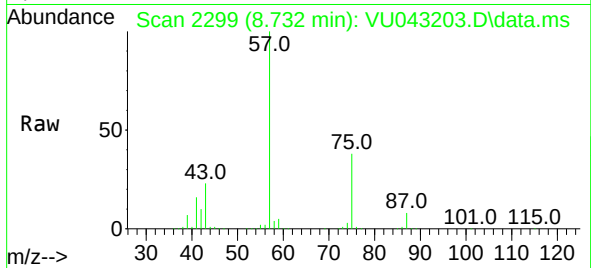




#59
2-Hexanone
Concen: 71.09 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

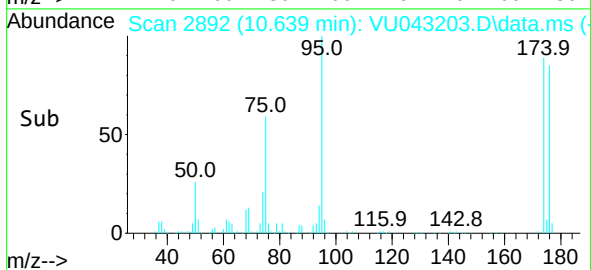
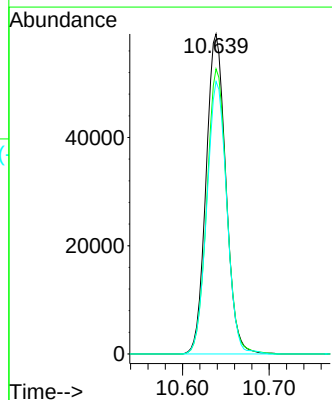
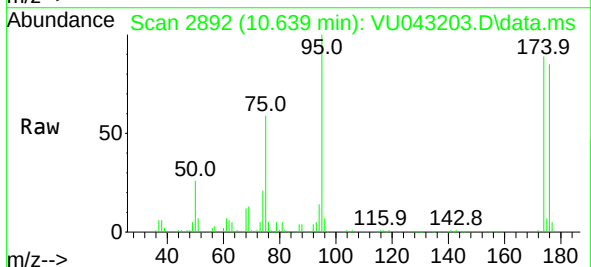
Instrument :
MSVOA_U
ClientSampled :

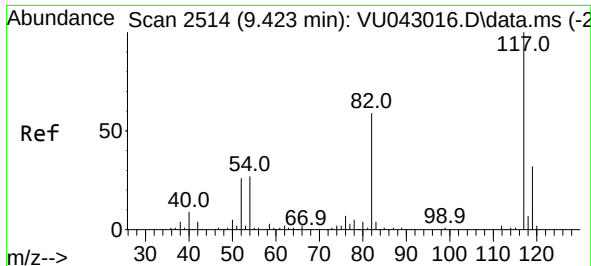
Tgt Ion: 43 Resp: 228426
Ion Ratio Lower Upper
43 100
58 17.1 24.0 72.0#



#62
4-Bromofluorobenzene
Concen: 43.21 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 95 Resp: 93795
Ion Ratio Lower Upper
95 100
174 89.4 0.0 172.2
176 85.8 0.0 168.8

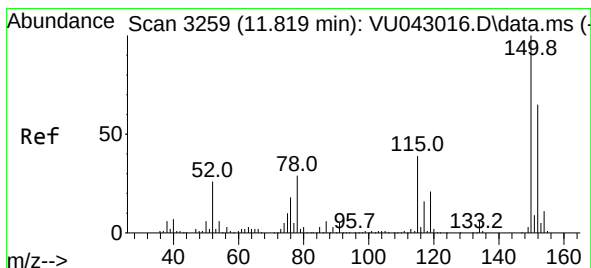
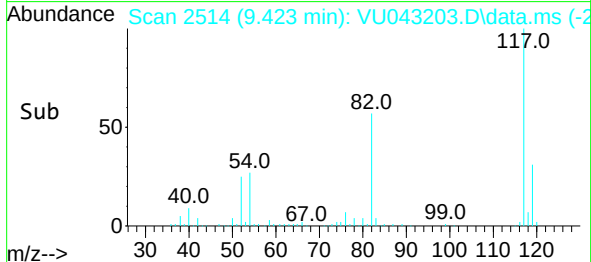
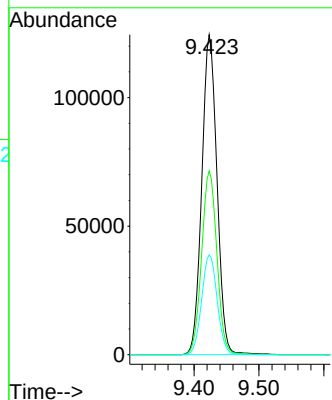
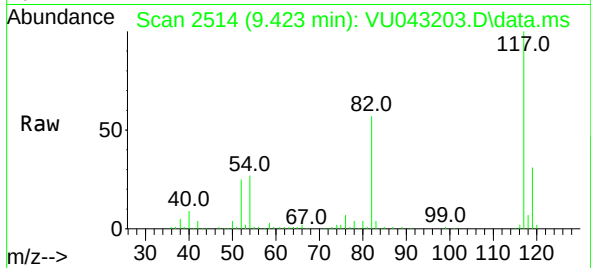




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

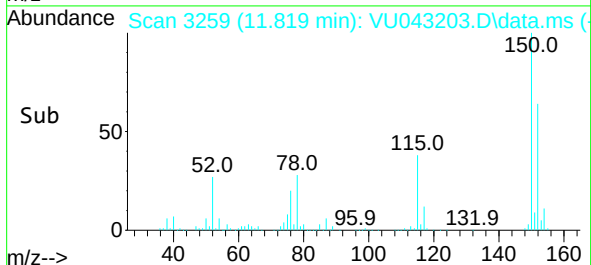
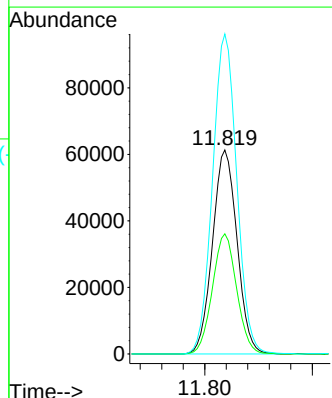
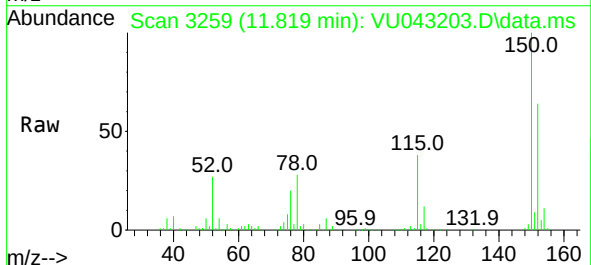
Instrument :
MSVOA_U
ClientSampled :

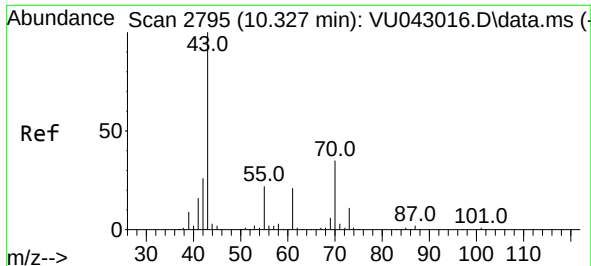
Tgt Ion:117 Resp: 202874
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.6
119 31.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion:152 Resp: 97053
Ion Ratio Lower Upper
152 100
115 58.2 41.5 124.6
150 154.9 0.0 342.4

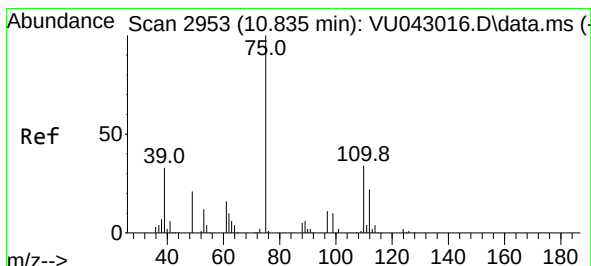
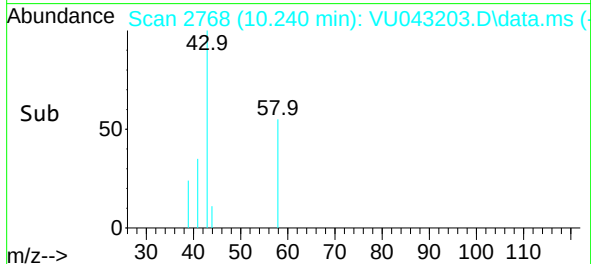
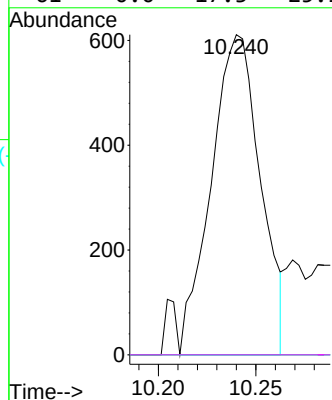
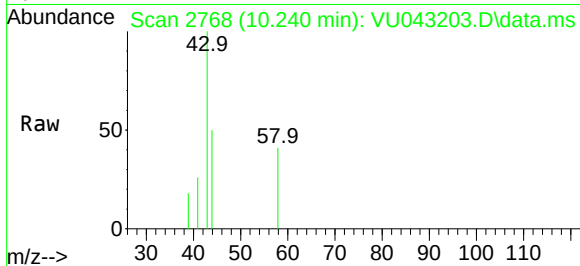




#74
N-amy1 acetate
Concen: 0.26 ug/l
RT: 10.240 min Scan# 2768
Delta R.T. -0.087 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

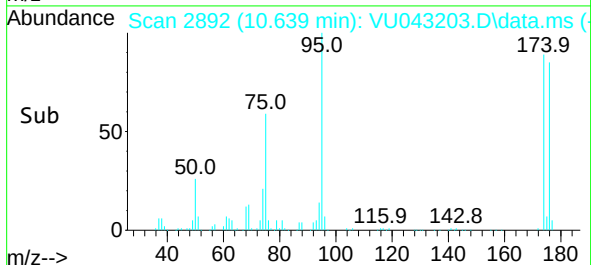
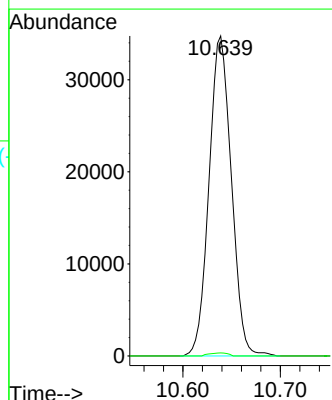
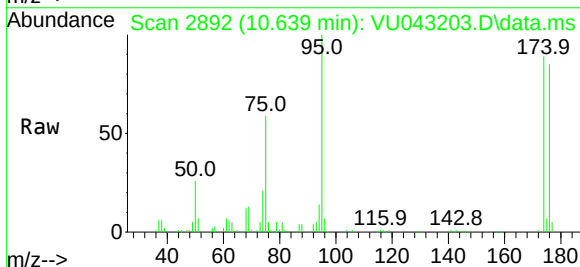
Instrument :
MSVOA_U
ClientSampled :

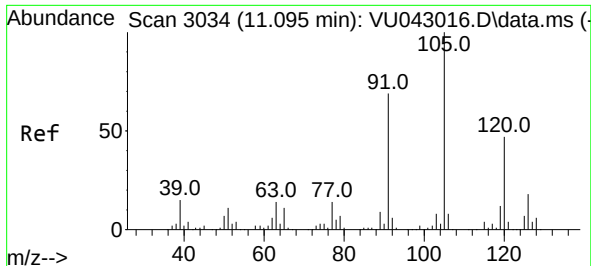
Tgt Ion: 43	Resp: 1076
Ion Ratio	Lower Upper
43	100
70	0.0 28.3 42.5#
55	0.0 17.2 25.8#
61	0.0 17.3 25.9#



#76
1,2,3-Trichloropropane
Concen: 19.53 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 75	Resp: 55386
Ion Ratio	Lower Upper
75	100
77	0.8 20.2 60.5#

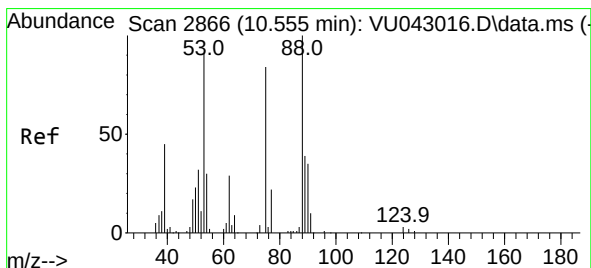
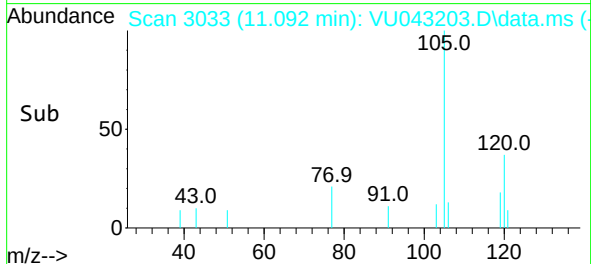
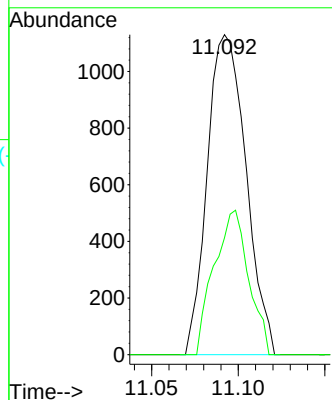
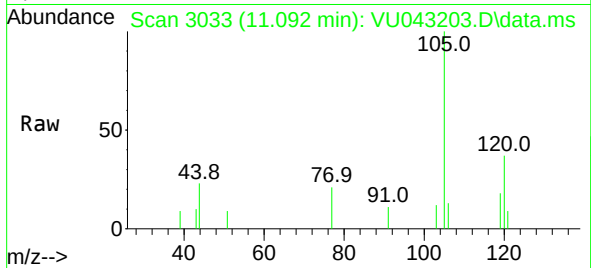




#80
1,3,5-Trimethylbenzene
Concen: 0.31 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

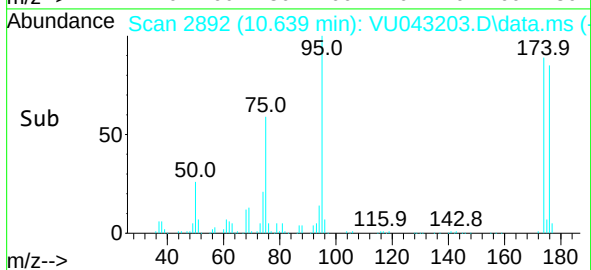
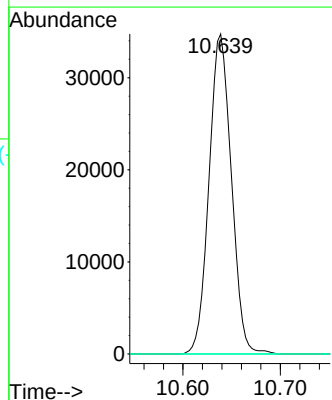
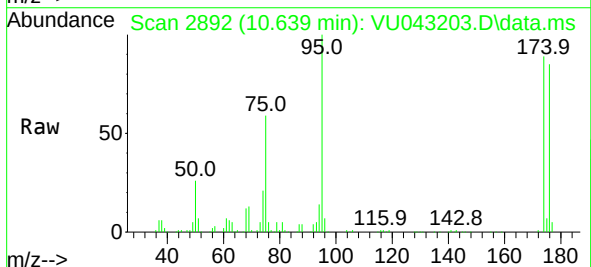
Instrument :
MSVOA_U
ClientSampleId :

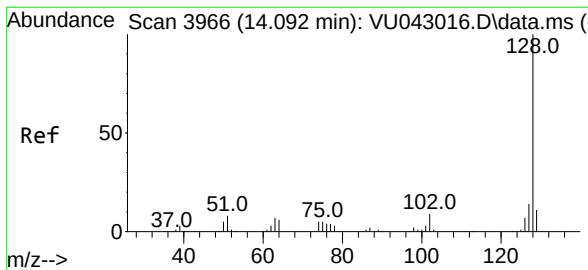
Tgt Ion:105 Resp: 1758
Ion Ratio Lower Upper
105 100
120 40.3 23.8 71.4



#81
trans-1,4-Dichloro-2-butene
Concen: 57.39 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

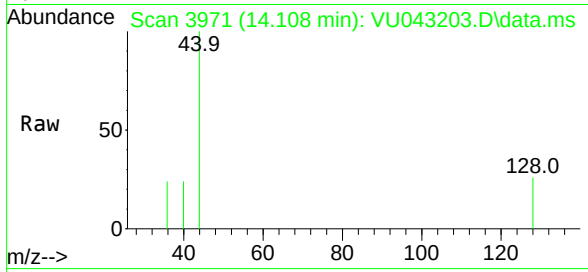
Tgt Ion: 75 Resp: 55386
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.75 ug/l
RT: 14.108 min Scan# 3971
Delta R.T. 0.016 min
Lab File: VU043203.D
Acq: 19 Apr 2021 18:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 77
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

