

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043676.D
 Acq On : 12 May 2021 14:47
 Operator : SY/MD
 Sample : M2324-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:32:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

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

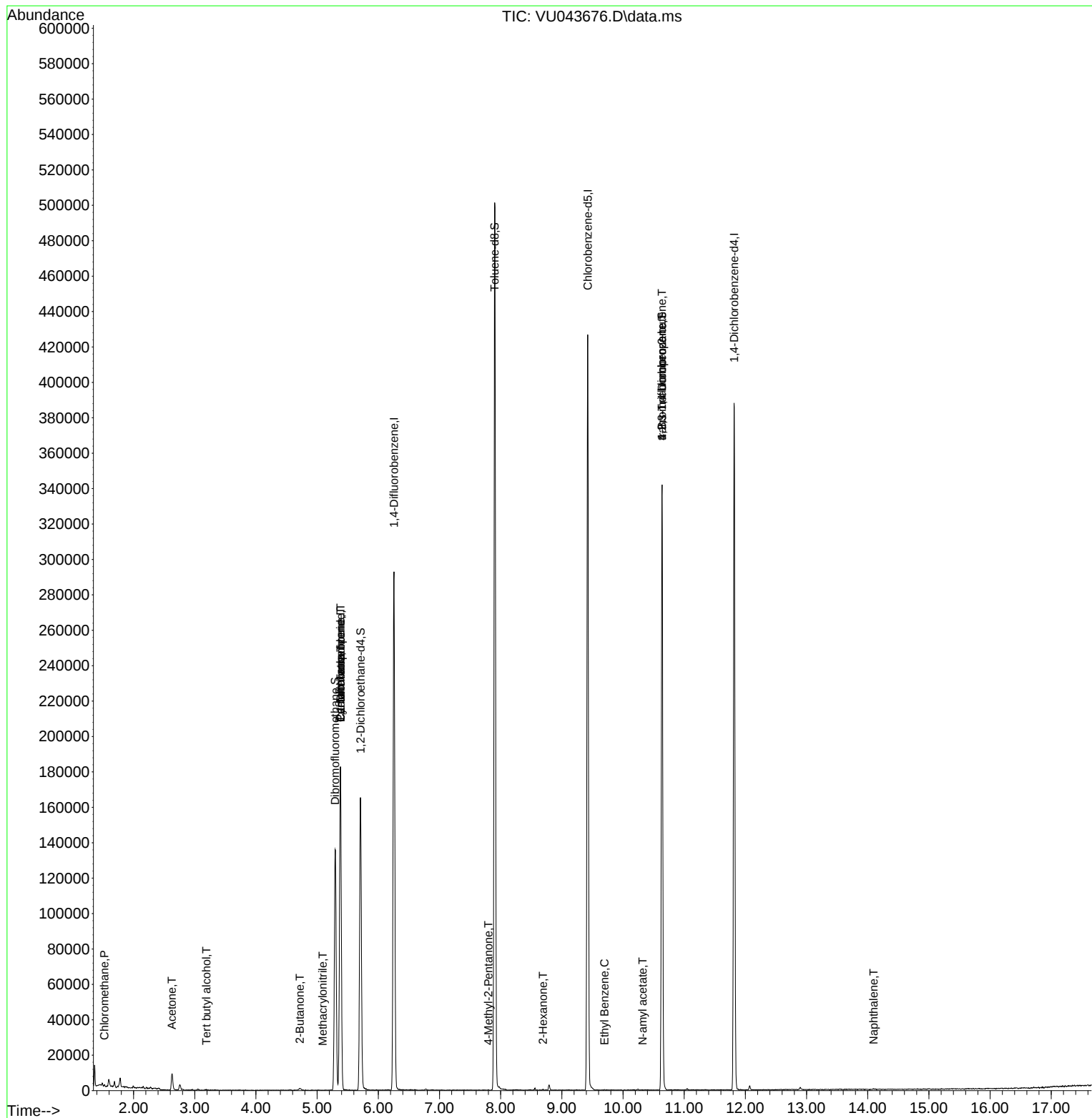
Internal Standards						
1) Pentafluorobenzene	5.382	168	114705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	210777	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	206775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	126337	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
35) Dibromofluoromethane	5.295	113	86462	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	7.902	98	302900	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	10.639	95	103331	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	1099	0.85	ug/l	94
11) Tert butyl alcohol	3.189	59	610	0.98	ug/l #	73
16) Acetone	2.626	43	10819	8.39	ug/l	96
25) 2-Butanone	4.716	43	2089	1.05	ug/l	93
31) Cyclohexane	5.382	56	3471	1.25	ug/l #	2
36) 1,1-Dichloropropene	5.382	75	10749	4.49	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12589	5.19	ug/l #	17
41) Methacrylonitrile	5.092	41	21	1.89	ug/l #	27
51) 4-Methyl-2-Pentanone	7.800	43	171	19.22	ug/l #	41
59) 2-Hexanone	8.693	43	367	20.80	ug/l #	61
67) Ethyl Benzene	9.697	91	228	1.48	ug/l #	45
74) N-amyl acetate	10.320	43	20	2.52	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	58091	19.94	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	58091	64.93	ug/l #	3
95) Naphthalene	14.095	128	461	1.58	ug/l #	69

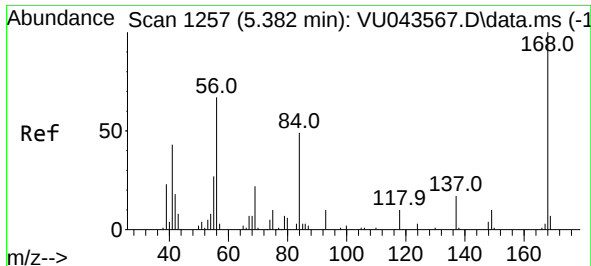
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU043676.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
QLast Update : Tue May 11 09:51:45 2021
Response via : Initial Calibration

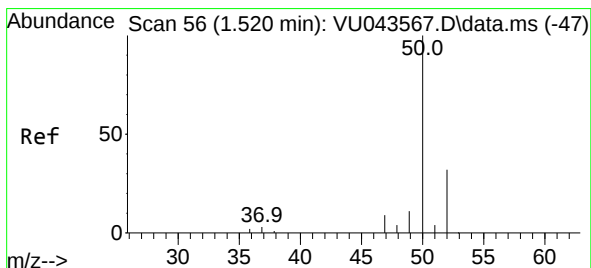
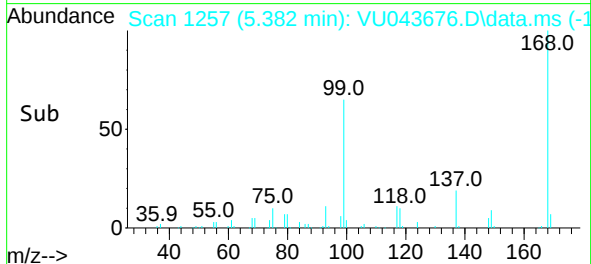
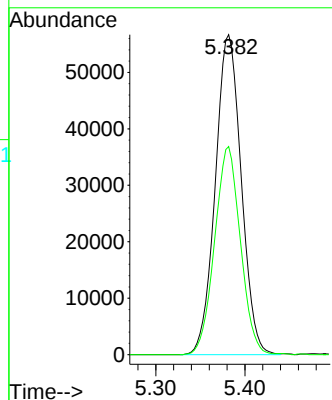
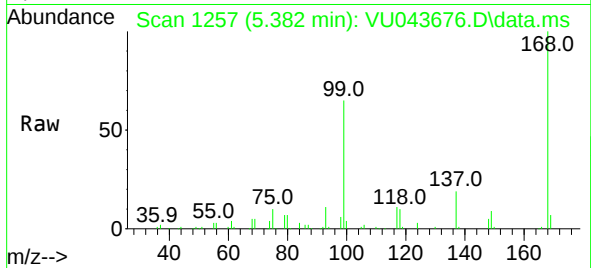




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

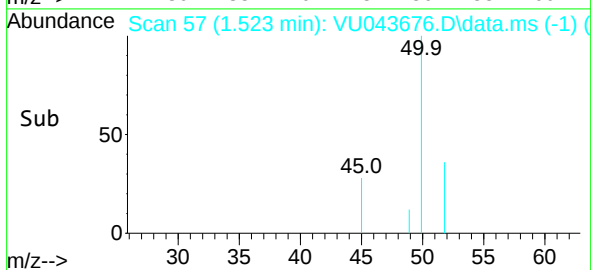
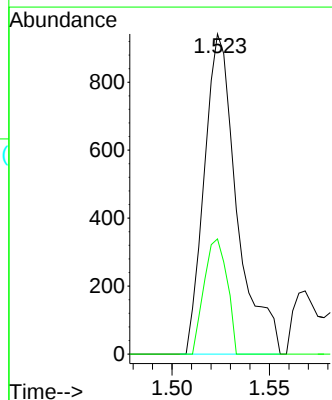
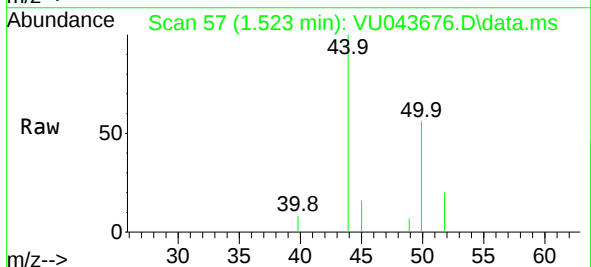
Instrument :
MSVOA_U
ClientSampleId :

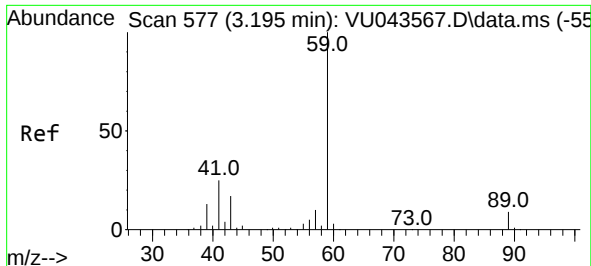
Tgt Ion:168 Resp: 114705
Ion Ratio Lower Upper
168 100
99 65.0 49.0 73.6



#3
Chloromethane
Concen: 0.85 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

Tgt Ion: 50 Resp: 1099
Ion Ratio Lower Upper
50 100
52 36.0 25.9 38.9

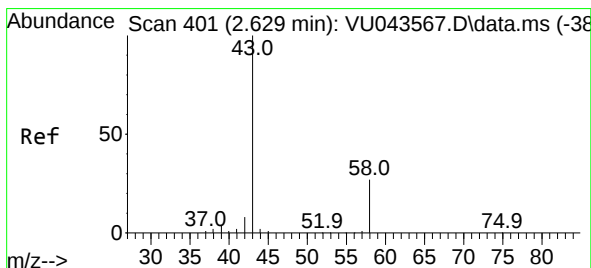
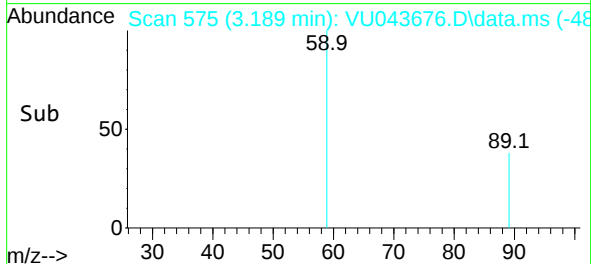
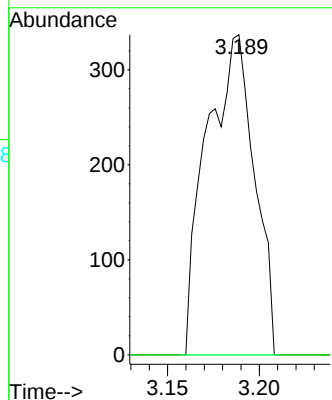
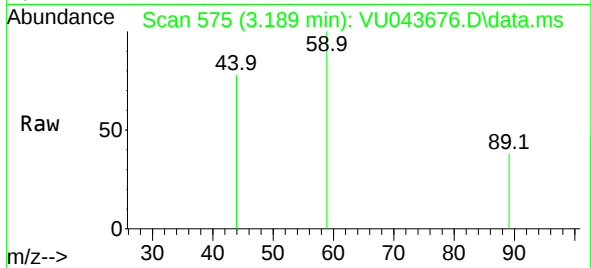




#11
Tert butyl alcohol
Concen: 0.98 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.006 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

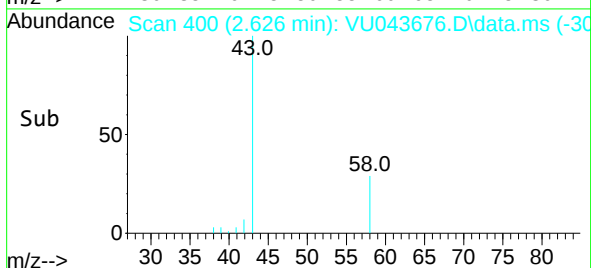
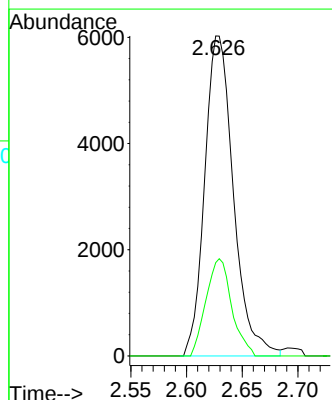
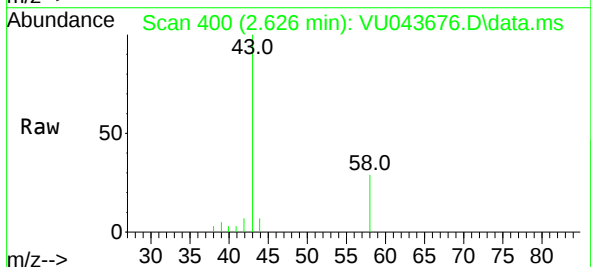
Instrument :
MSVOA_U
ClientSampled :

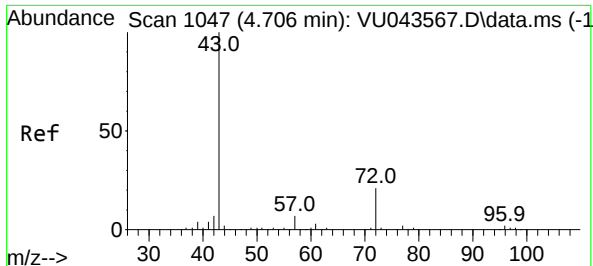
Tgt Ion: 59 Resp: 610
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 8.39 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

Tgt Ion: 43 Resp: 10819
Ion Ratio Lower Upper
43 100
58 29.1 21.7 32.5

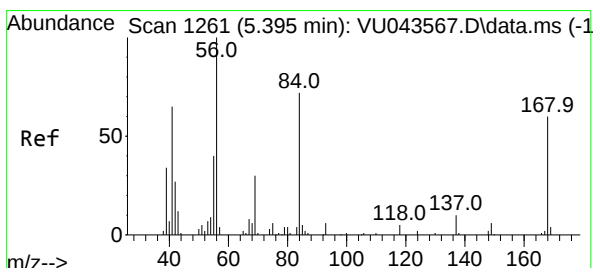
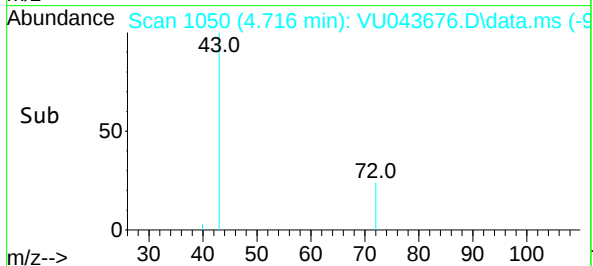
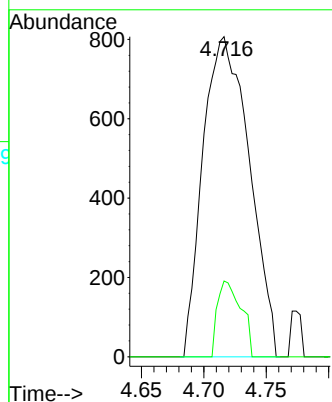
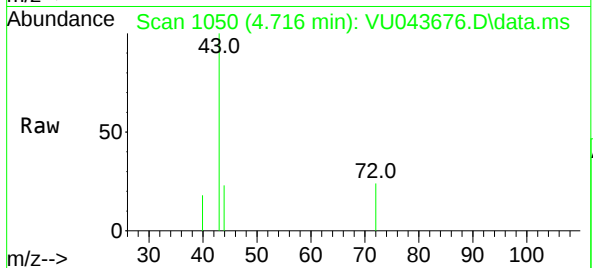




#25
2-Butanone
Concen: 1.05 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

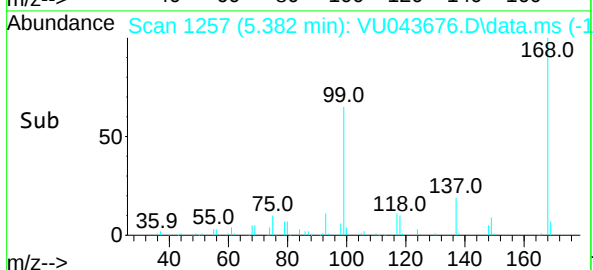
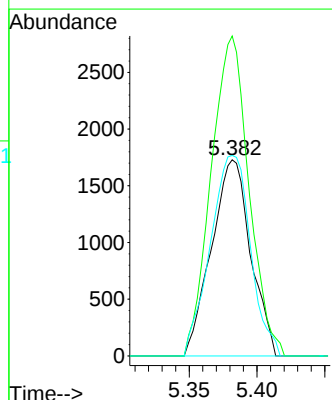
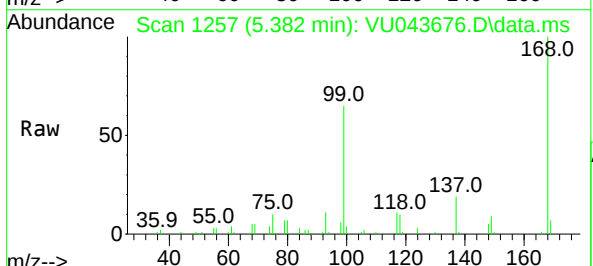
Instrument :
MSVOA_U
ClientSampled :

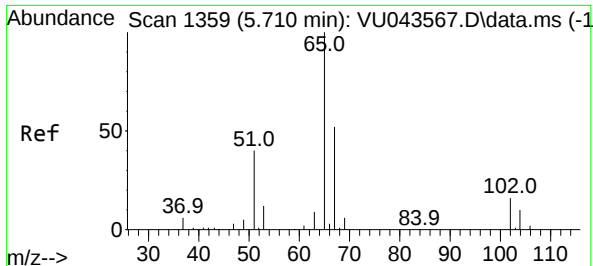
Tgt Ion: 43 Resp: 2089
Ion Ratio Lower Upper
43 100
72 23.7 16.5 24.7



#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

Tgt Ion: 56 Resp: 3471
Ion Ratio Lower Upper
56 100
69 163.2 23.9 35.9#
84 102.2 57.7 86.5#





#33

1,2-Dichloroethane-d4

Concen: 53.25 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043676.D

Acq: 12 May 2021 14:47

Tgt Ion: 65 Resp: 126337

Ion Ratio Lower Upper

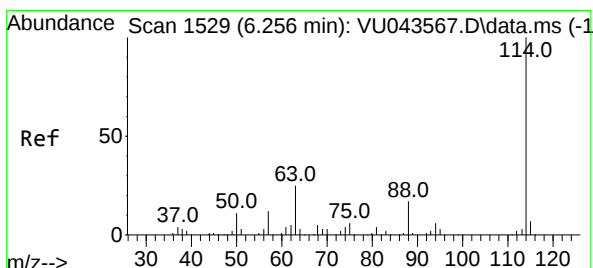
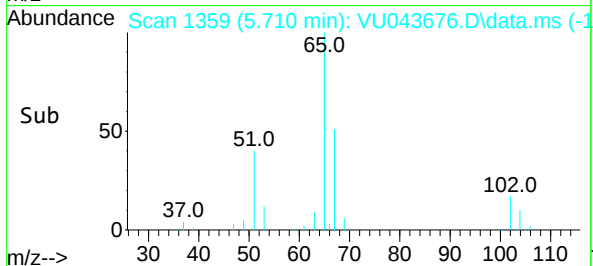
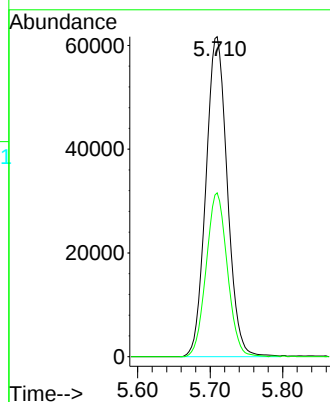
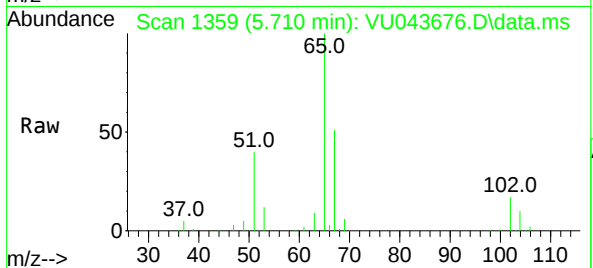
65 100

67 50.7 0.0 104.6

Instrument :

MSVOA_U

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043676.D

Acq: 12 May 2021 14:47

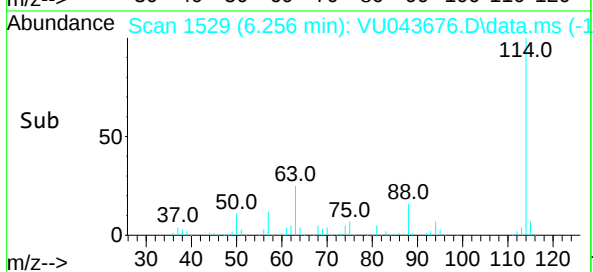
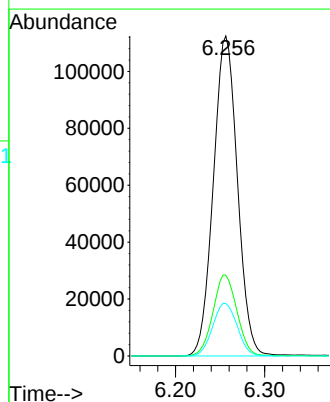
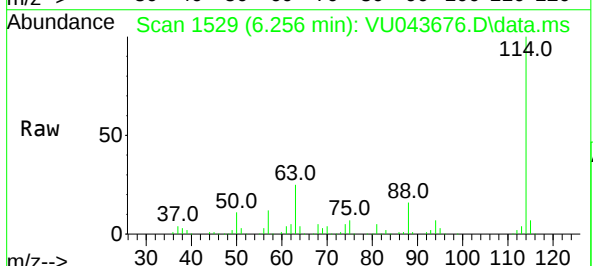
Tgt Ion: 114 Resp: 210777

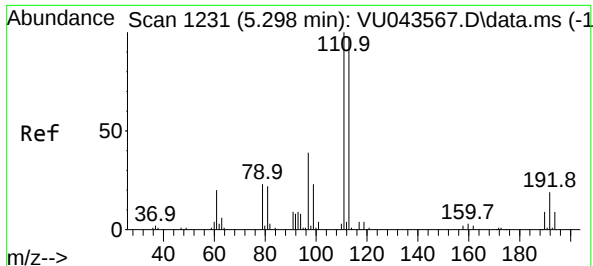
Ion Ratio Lower Upper

114 100

63 25.3 0.0 50.2

88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.70 ug/l

RT: 5.295 min Scan# 1230

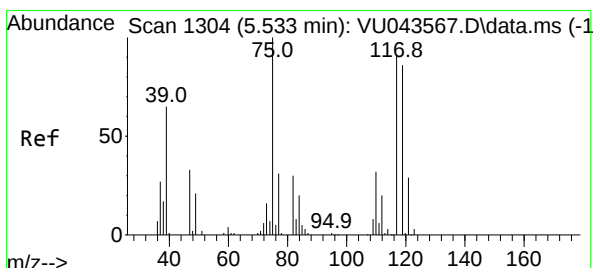
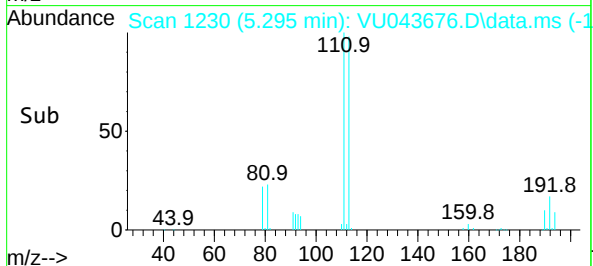
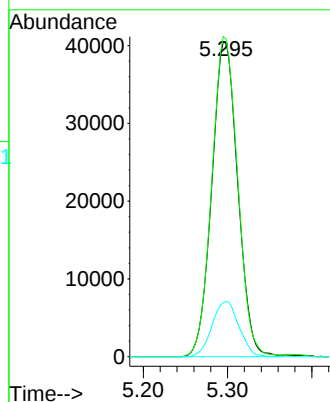
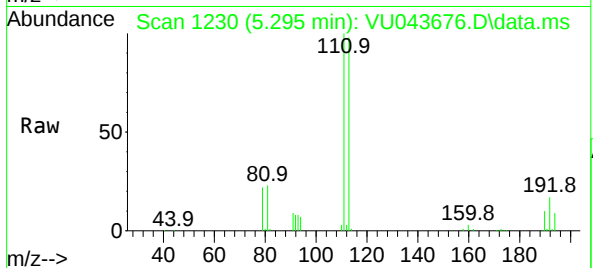
Delta R.T. -0.003 min

Lab File: VU043676.D

Acq: 12 May 2021 14:47

Tgt Ion:	113	Resp:	86462
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.3	123.5
192	18.2	15.8	23.6

Instrument :
MSVOA_U
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.49 ug/l

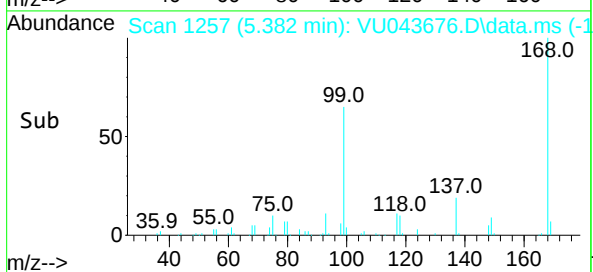
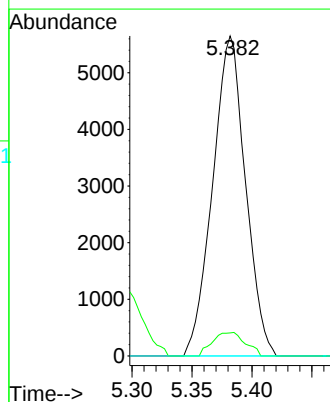
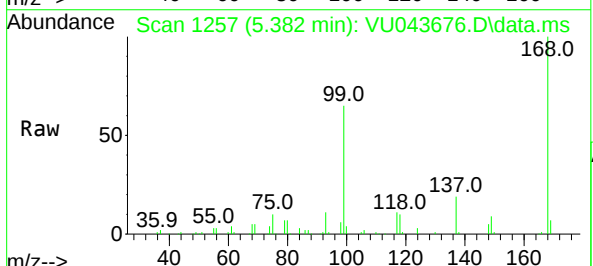
RT: 5.382 min Scan# 1257

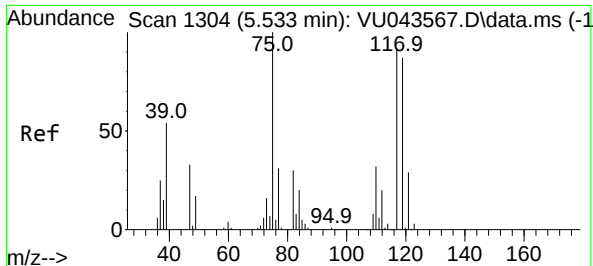
Delta R.T. -0.151 min

Lab File: VU043676.D

Acq: 12 May 2021 14:47

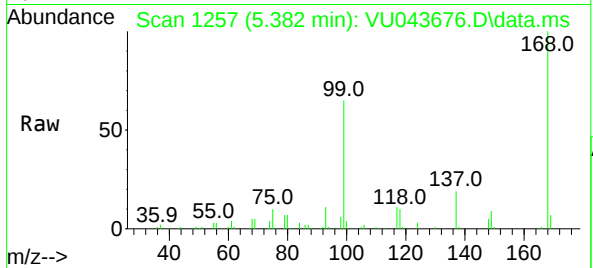
Tgt Ion:	75	Resp:	10749
Ion	Ratio	Lower	Upper
75	100		
110	7.3	16.2	48.5#
77	0.0	24.4	36.6#



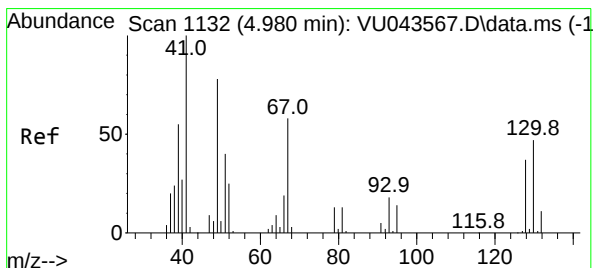
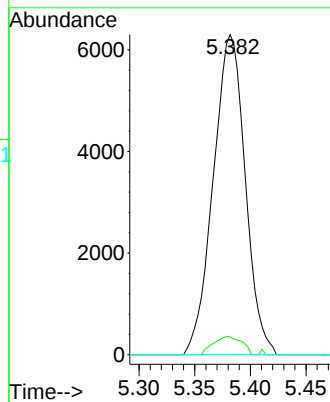
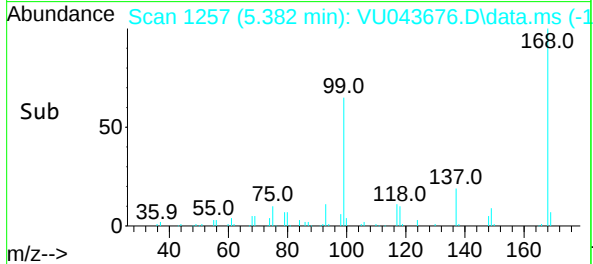


#38
Carbon Tetrachloride
Concen: 5.19 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

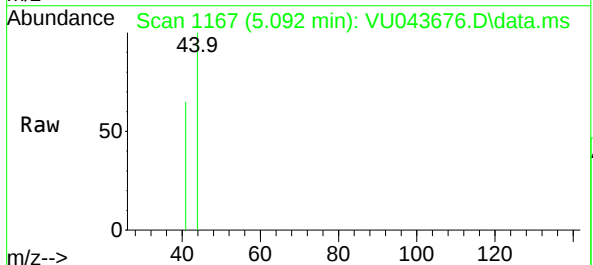
Instrument :
MSVOA_U
ClientSampleId :



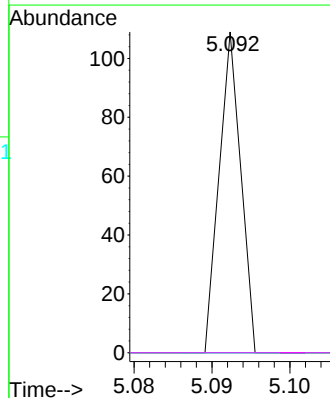
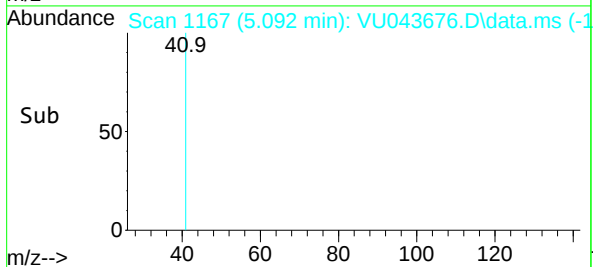
Tgt Ion:117 Resp: 12589
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.0#
121 0.0 25.2 37.8#

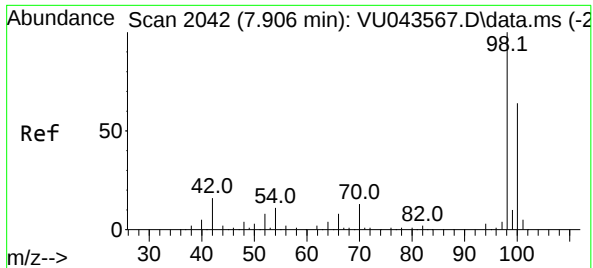


#41
Methacrylonitrile
Concen: 1.89 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.112 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47



Tgt Ion: 41 Resp: 21
Ion Ratio Lower Upper
41 100
39 0.0 45.8 68.6#
67 0.0 46.5 69.7#
52 0.0 22.1 33.1#

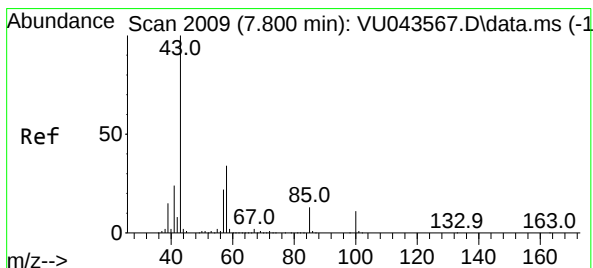
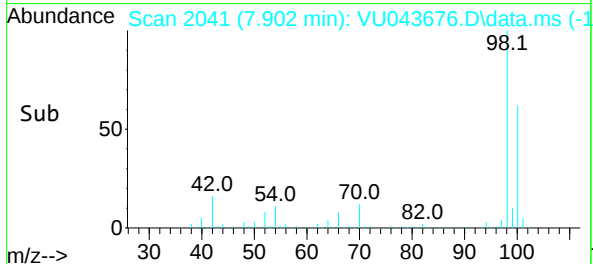
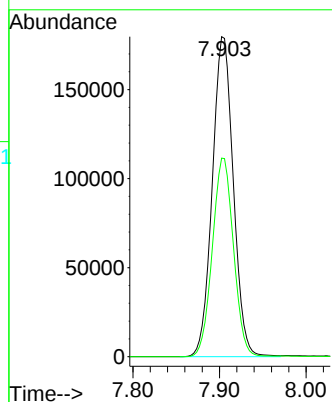
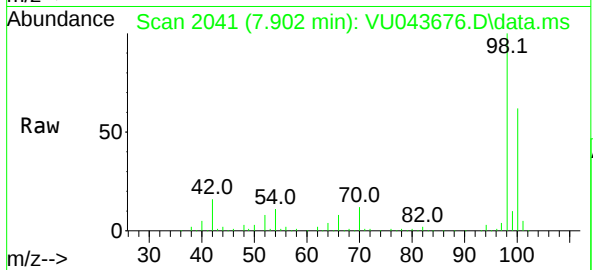




#50
Toluene-d8
Concen: 51.75 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.003 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

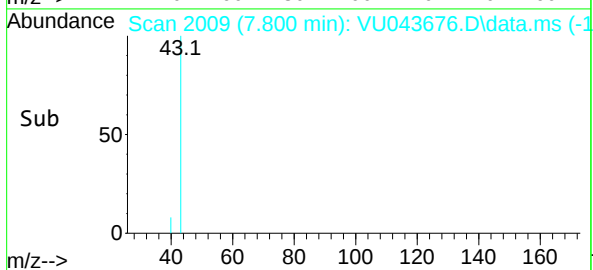
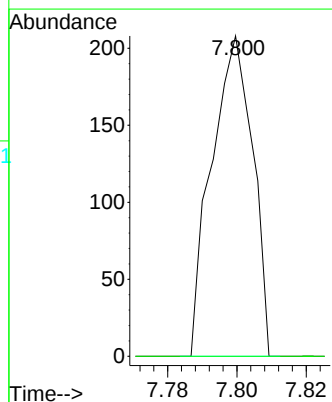
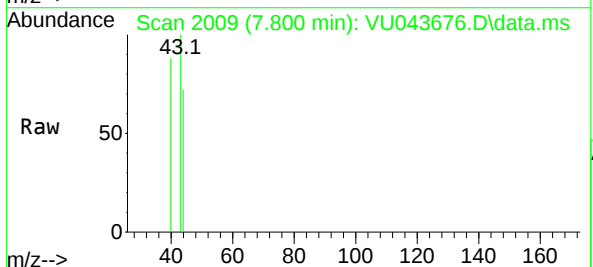
Instrument :
MSVOA_U
ClientSampleId :

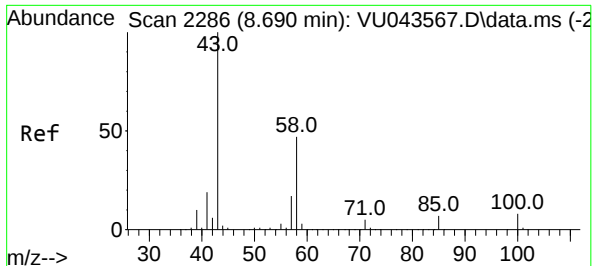
Tgt Ion: 98 Resp: 302900
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.22 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#

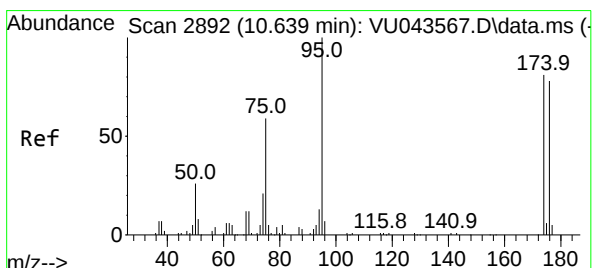
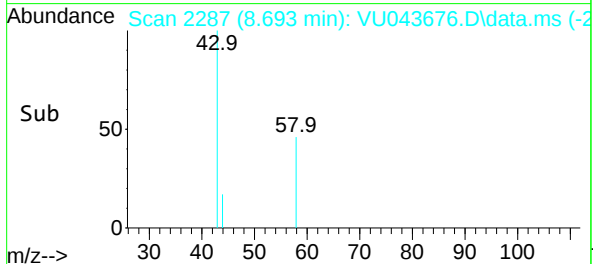
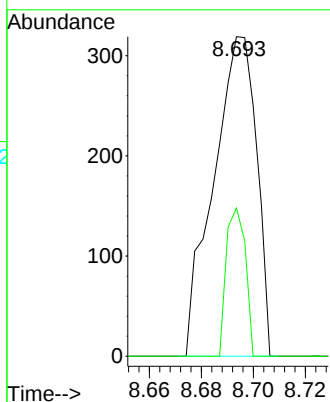
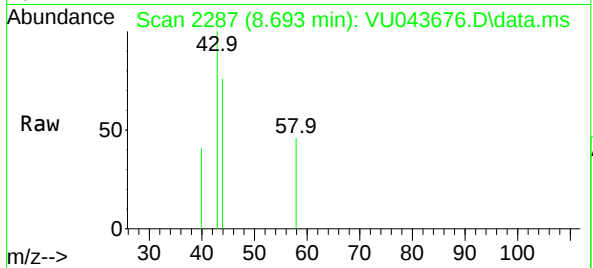




#59
2-Hexanone
Concen: 20.80 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

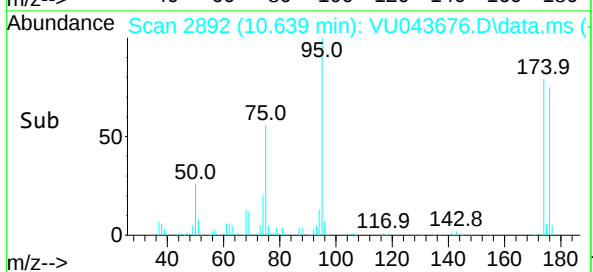
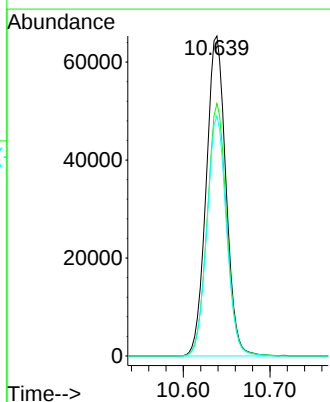
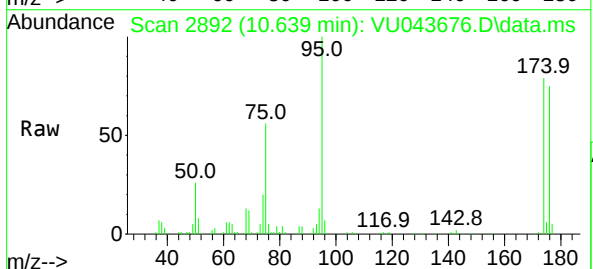
Instrument :
MSVOA_U
ClientSampled :

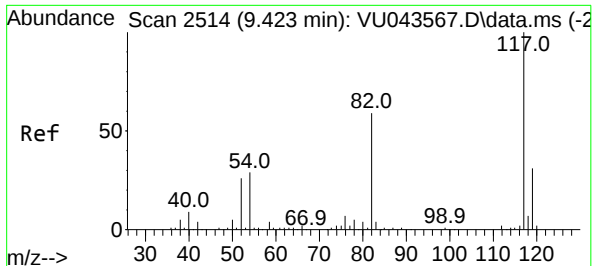
Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
58 20.7 23.4 70.2#



#62
4-Bromofluorobenzene
Concen: 45.30 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

Tgt Ion: 95 Resp: 103331
Ion Ratio Lower Upper
95 100
174 78.0 0.0 158.8
176 74.5 0.0 155.6

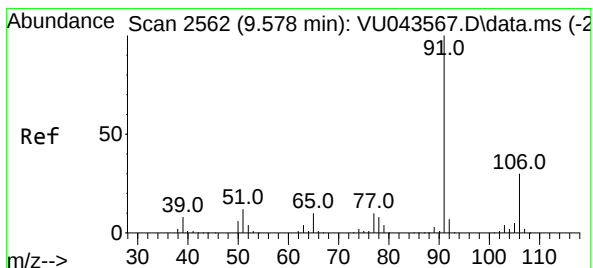
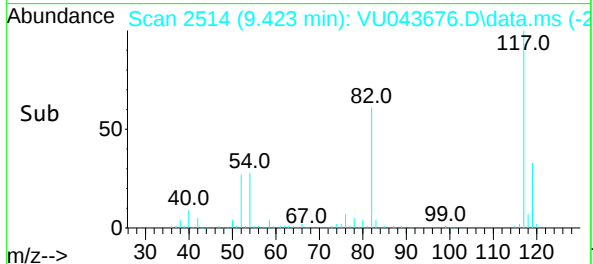
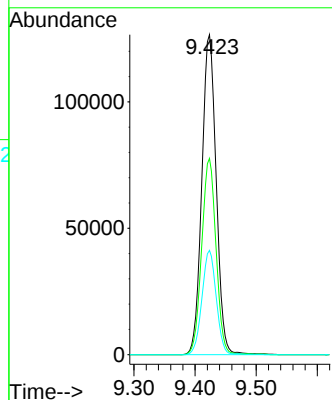
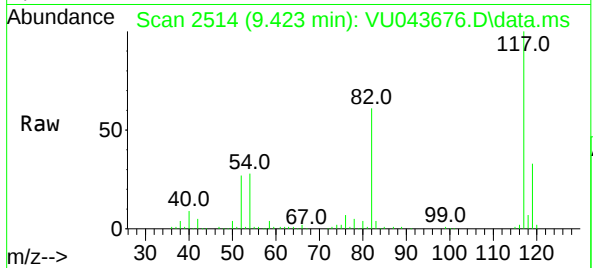




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

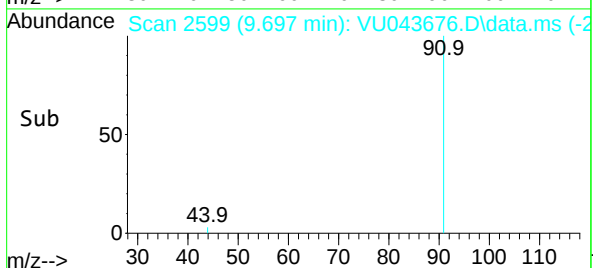
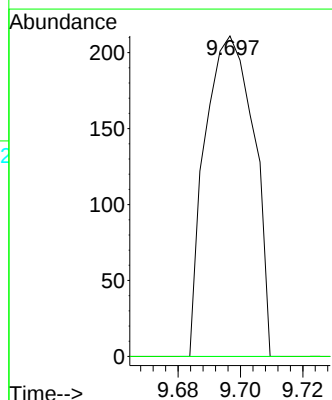
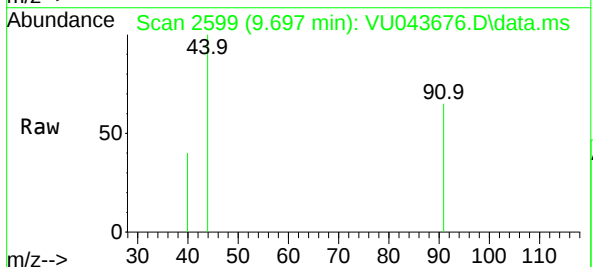
Instrument :
MSVOA_U
ClientSampled :

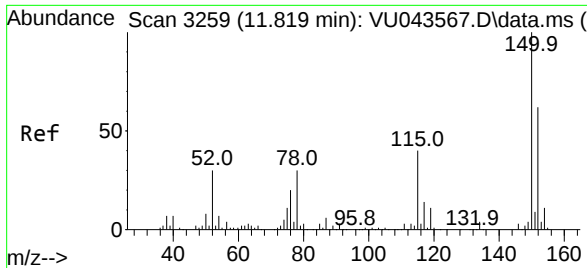
Tgt Ion:117 Resp: 206775
Ion Ratio Lower Upper
117 100
82 61.4 47.5 71.3
119 32.6 24.7 37.1



#67
Ethyl Benzene
Concen: 1.48 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.119 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

Tgt Ion: 91 Resp: 228
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

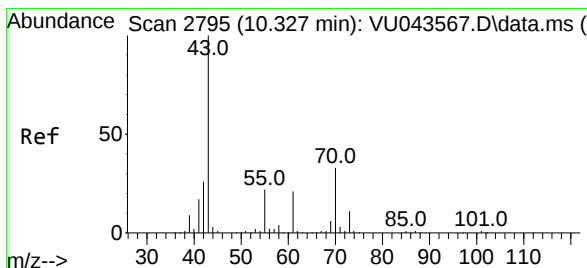
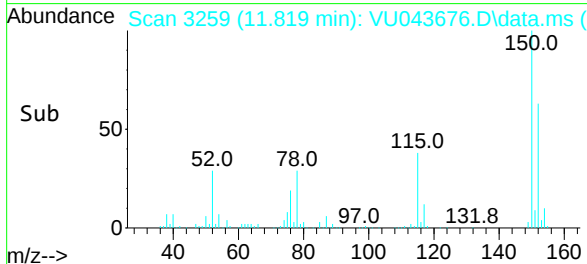
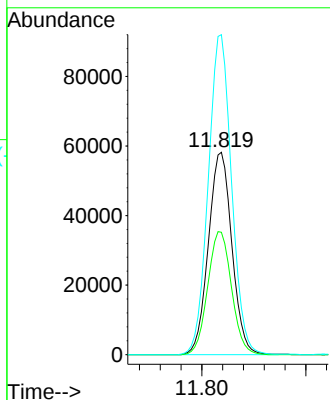
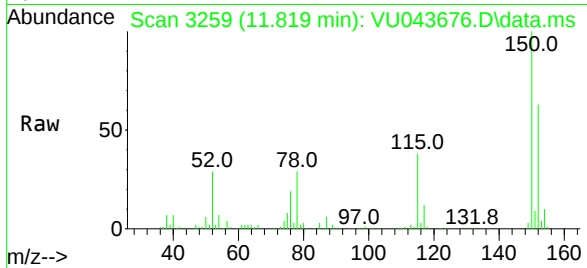




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

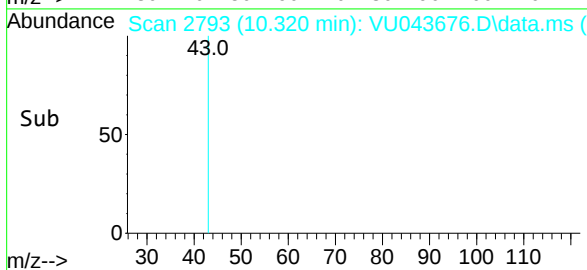
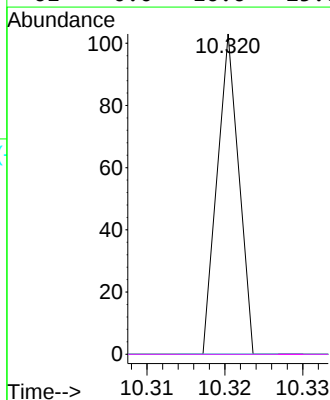
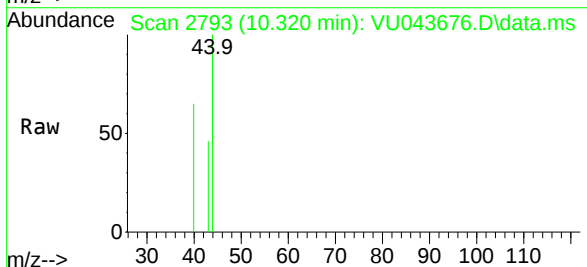
Instrument :
MSVOA_U
ClientSampleId :

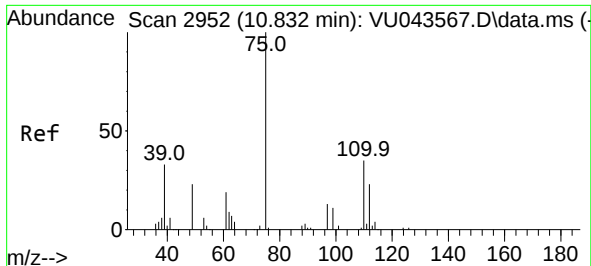
Tgt Ion:152 Resp: 91639
Ion Ratio Lower Upper
152 100
115 61.3 46.1 138.3
150 156.9 0.0 361.0



#74
N-ethyl acetate
Concen: 2.52 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.007 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 0.0 26.4 39.6#
55 0.0 18.0 27.0#
61 0.0 16.6 25.0#

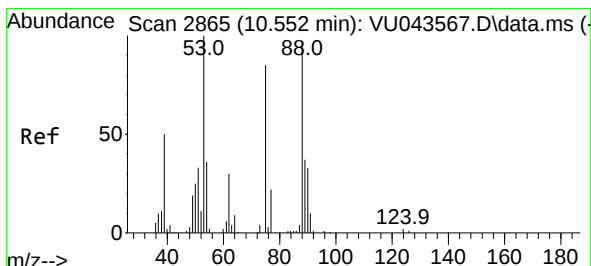
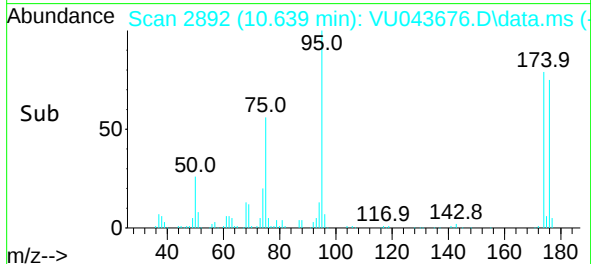
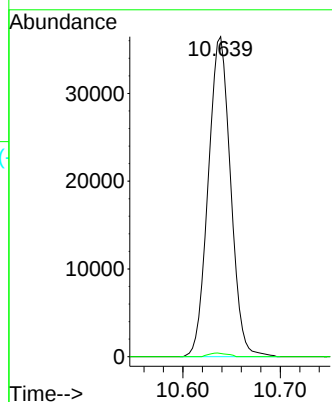
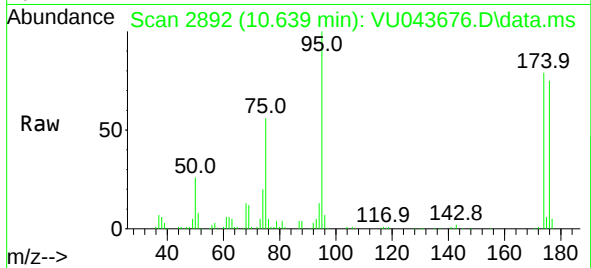




#76
1,2,3-Trichloropropane
Concen: 19.94 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

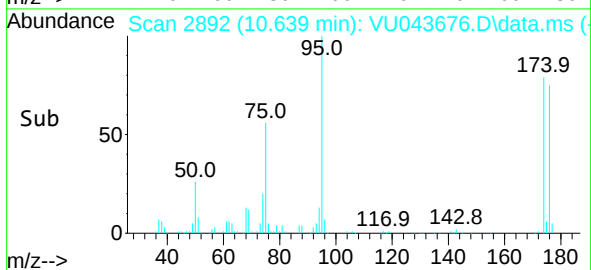
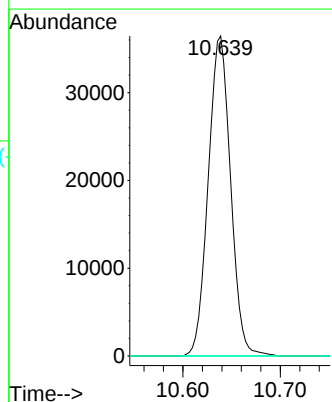
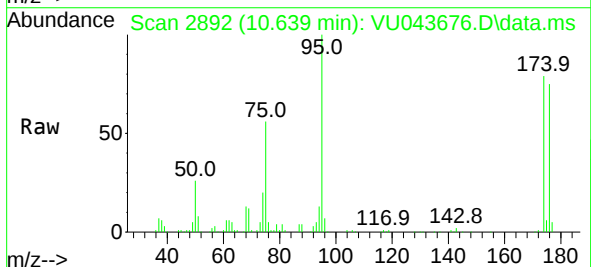
Instrument :
MSVOA_U
ClientSampled :

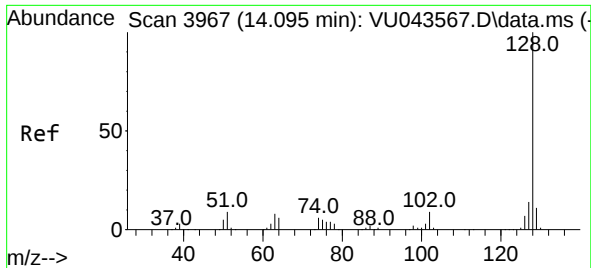
Tgt Ion: 75 Resp: 58091
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.93 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043676.D
Acq: 12 May 2021 14:47

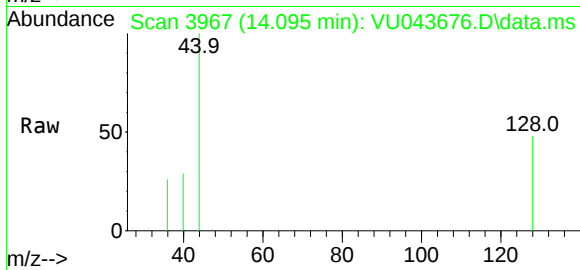
Tgt Ion: 75 Resp: 58091
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#





#95
 Naphthalene
 Concen: 1.58 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.000 min
 Lab File: VU043676.D
 Acq: 12 May 2021 14:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:128 Resp: 461
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.7 16.1#
 129 0.0 8.6 12.8#

