

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043052.D
 Acq On : 13 Apr 2021 15:27
 Operator : SY/MD
 Sample : M1991-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 14 03:50:49 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

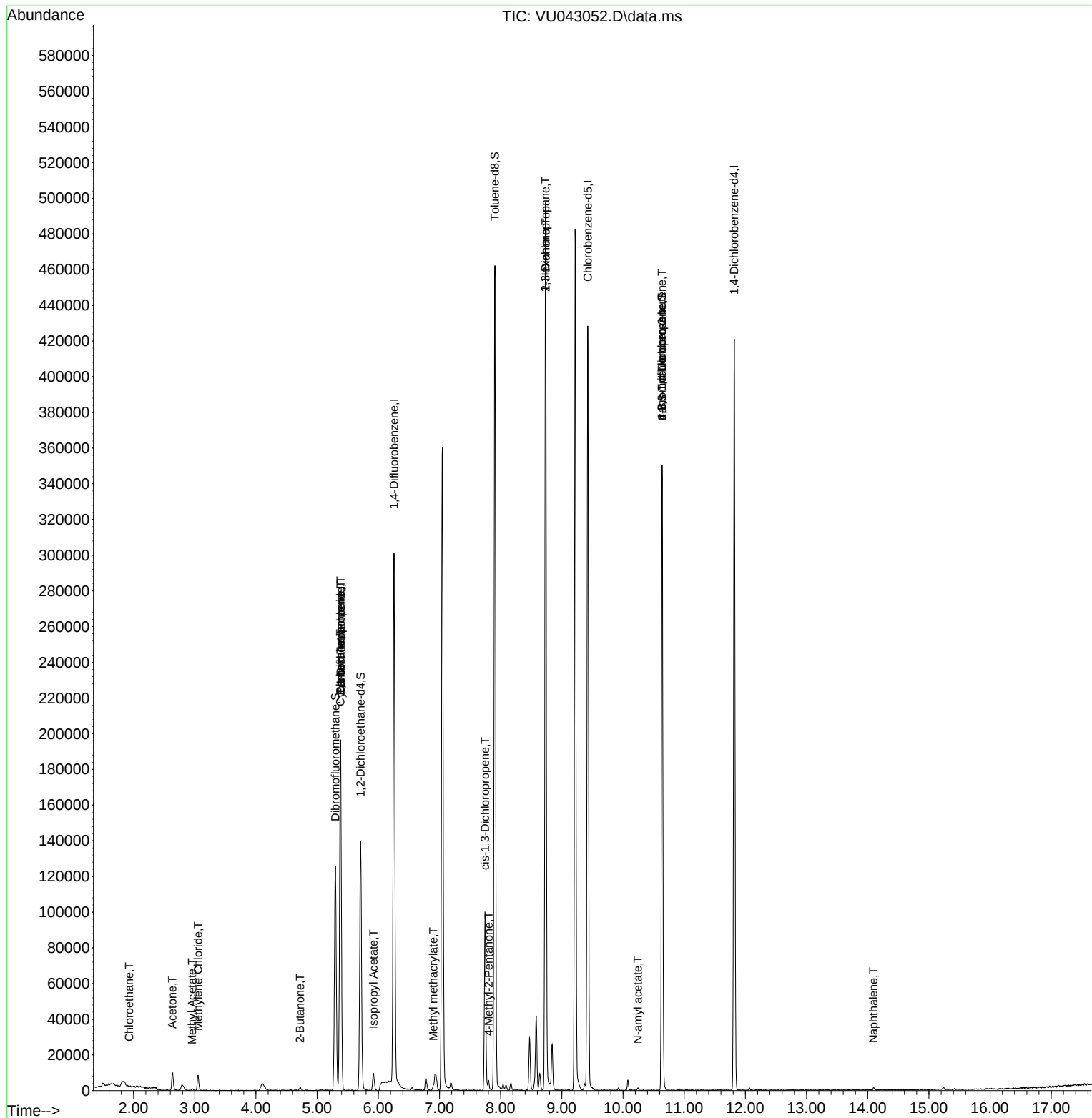
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	135816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	222464	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	214424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	102324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	109353	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
35) Dibromofluoromethane	5.298	113	76369	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
50) Toluene-d8	7.906	98	284351	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	10.639	95	104036	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.84%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	213	Below Cal	#	41
6) Chloroethane	1.925	64	323	0.27 ug/l	#	42
16) Acetone	2.636	43	12455	8.98 ug/l		99
18) Methyl Acetate	2.957	43	1573	0.55 ug/l	#	71
20) Methylene Chloride	3.054	84	3651	2.25 ug/l		93
25) 2-Butanone	4.723	43	2490	1.20 ug/l		97
31) Cyclohexane	5.379	56	3279	1.16 ug/l	#	21
36) 1,1-Dichloropropene	5.382	75	11448	4.85 ug/l	#	49
38) Carbon Tetrachloride	5.382	117	13403	5.30 ug/l	#	16
43) Isopropyl Acetate	5.922	43	10611	1.84 ug/l	#	91
48) Methyl methacrylate	6.899	41	3827	1.32 ug/l	#	27
51) 4-Methyl-2-Pentanone	7.803	43	3510	0.82 ug/l		96
54) cis-1,3-Dichloropropene	7.745	75	15416	5.21 ug/l	#	64
57) 1,3-Dichloropropane	8.732	76	4520	1.46 ug/l	#	43
59) 2-Hexanone	8.735	43	77218	22.02 ug/l	#	54
74) N-amyl acetate	10.243	43	1110	0.25 ug/l	#	48
76) 1,2,3-Trichloropropane	10.639	75	59071	19.76 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	10.639	75	59071	58.05 ug/l	#	7
95) Naphthalene	14.092	128	1642	2.95 ug/l	#	77

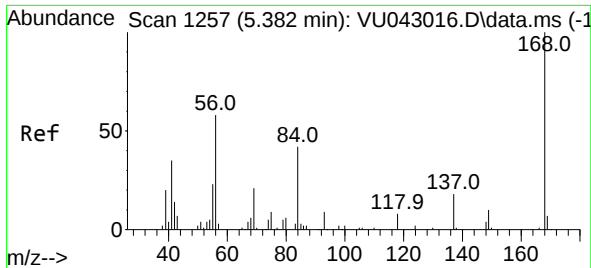
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
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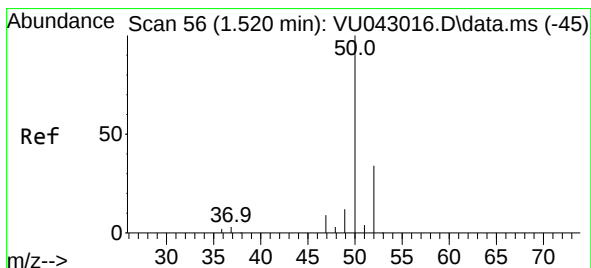
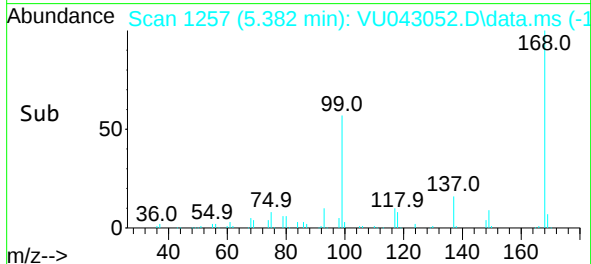
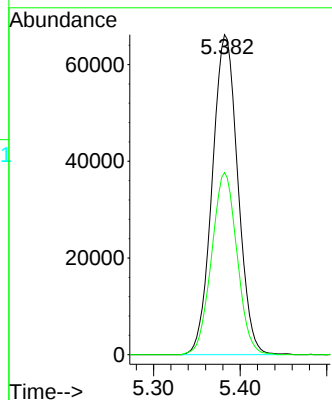
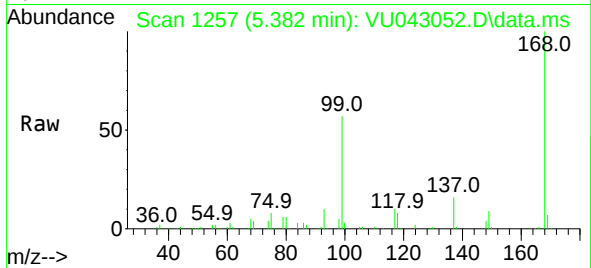




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

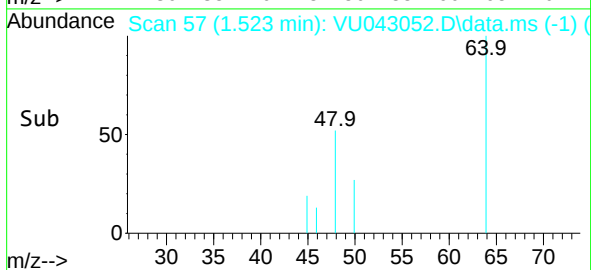
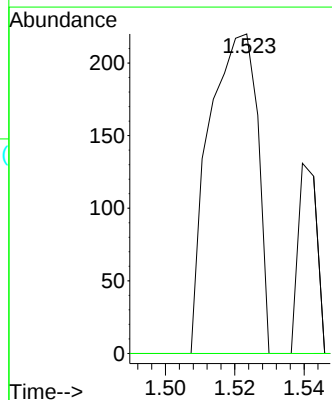
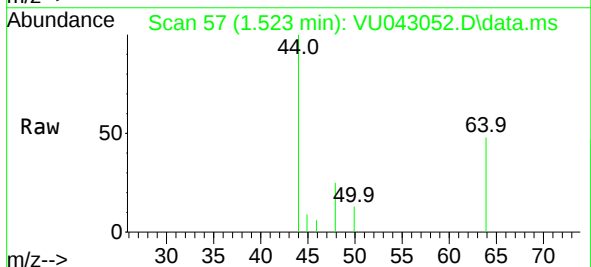
Instrument :
MSVOA_U
ClientSampleId :

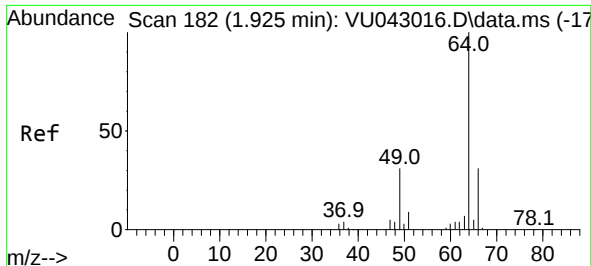
Tgt Ion:168 Resp: 135816
Ion Ratio Lower Upper
168 100
99 56.9 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

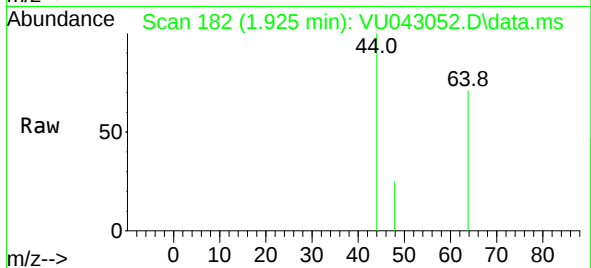
Tgt Ion: 50 Resp: 213
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



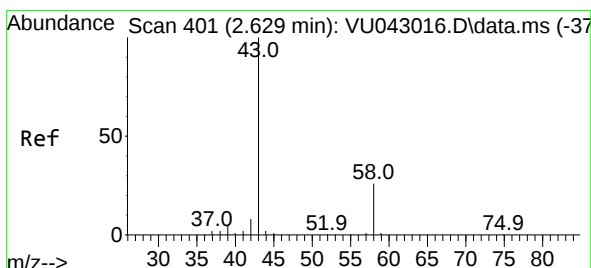
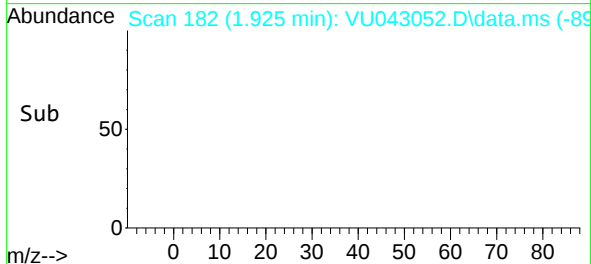
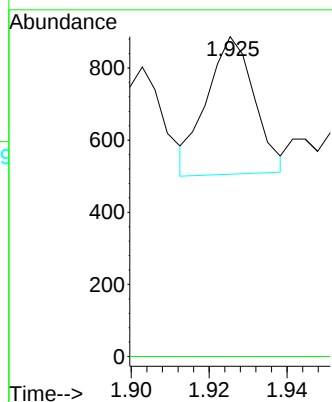


#6
Chloroethane
Concen: 0.27 ug/l
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

Instrument :
MSVOA_U
ClientSampleId :

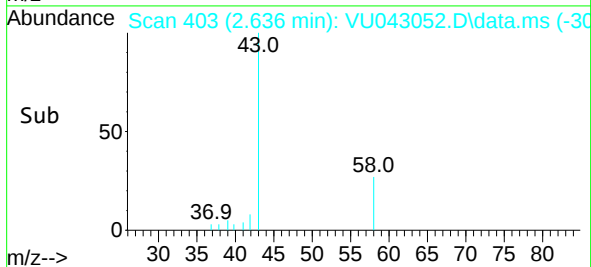
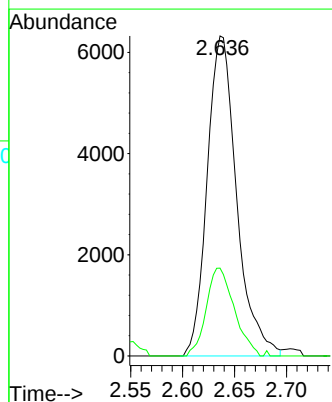
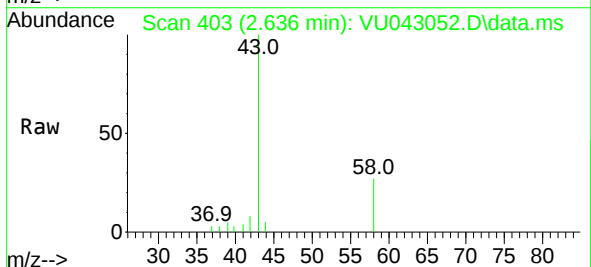


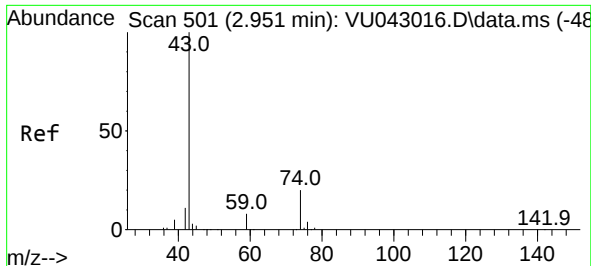
Tgt Ion: 64 Resp: 323
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#16
Acetone
Concen: 8.98 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.007 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

Tgt Ion: 43 Resp: 12455
Ion Ratio Lower Upper
43 100
58 27.4 21.5 32.3

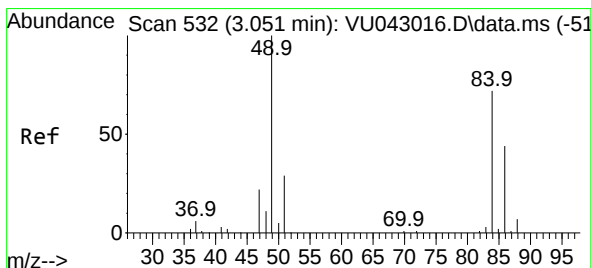
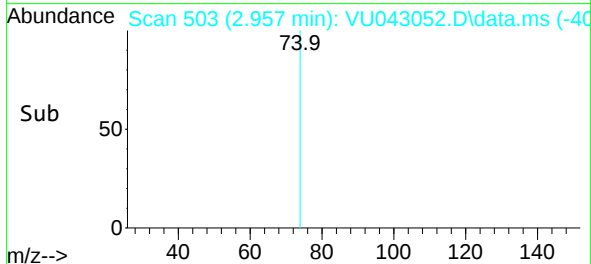
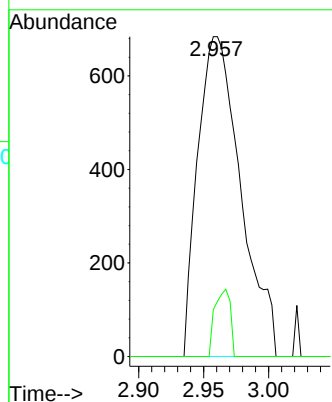
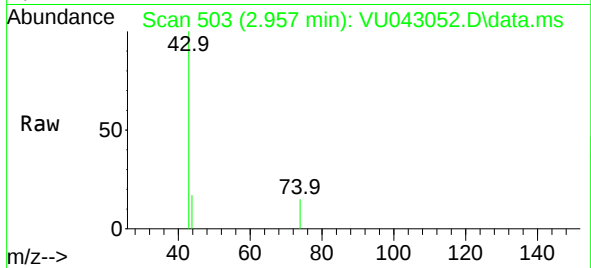




#18
Methyl Acetate
Concen: 0.55 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

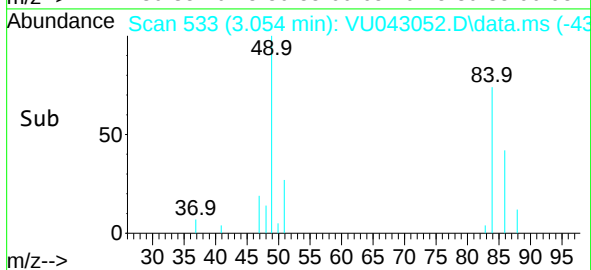
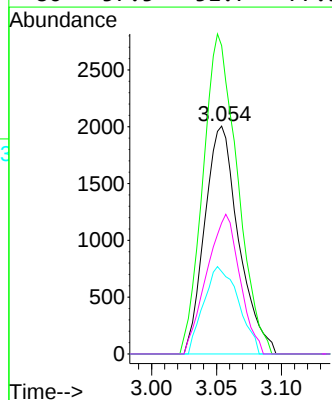
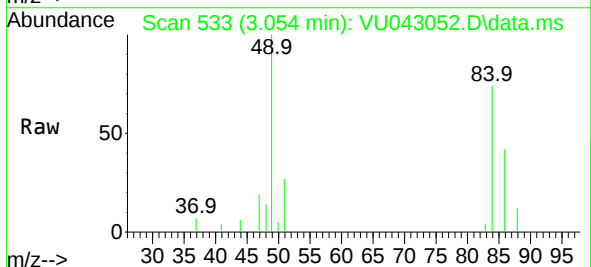
Instrument :
MSVOA_U
ClientSampled :

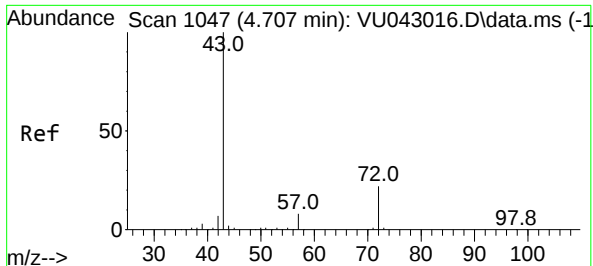
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
74 7.5 16.6 25.0#



#20
Methylene Chloride
Concen: 2.25 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

Tgt Ion: 84 Resp: 3651
Ion Ratio Lower Upper
84 100
49 135.3 112.6 169.0
51 36.1 33.7 50.5
86 57.5 51.7 77.5

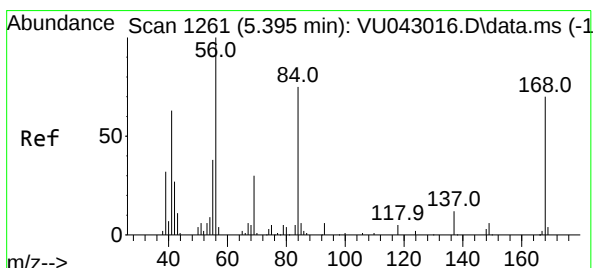
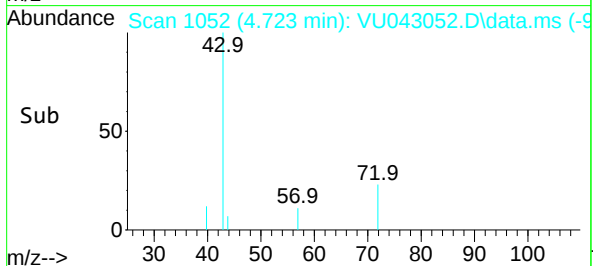
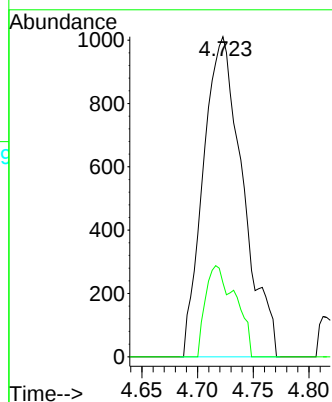
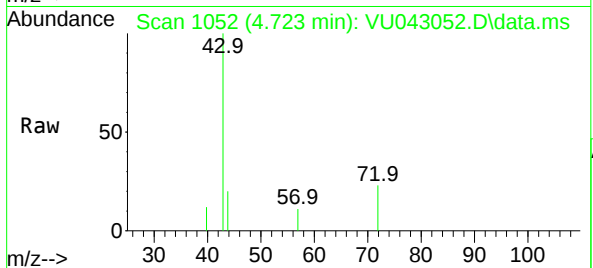




#25
2-Butanone
Concen: 1.20 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.016 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

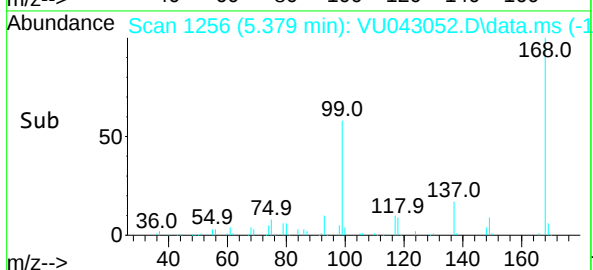
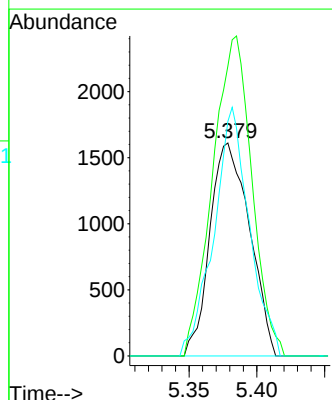
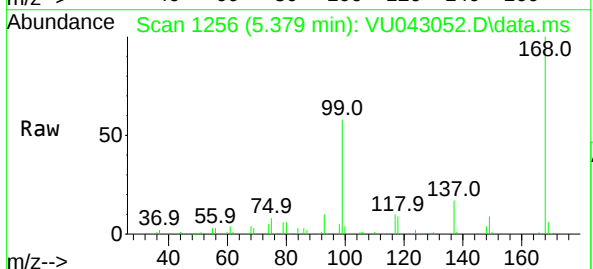
Instrument :
MSVOA_U
ClientSampled :

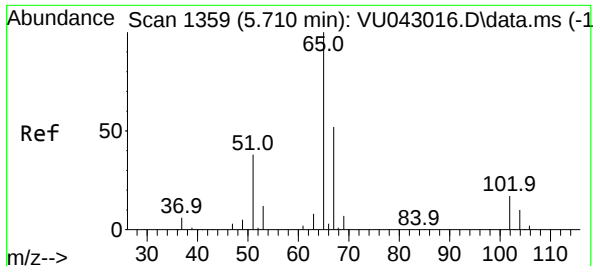
Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
72 23.1 17.4 26.0



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

Tgt Ion: 56 Resp: 3279
Ion Ratio Lower Upper
56 100
69 136.1 24.9 37.3#
84 110.1 63.7 95.5#

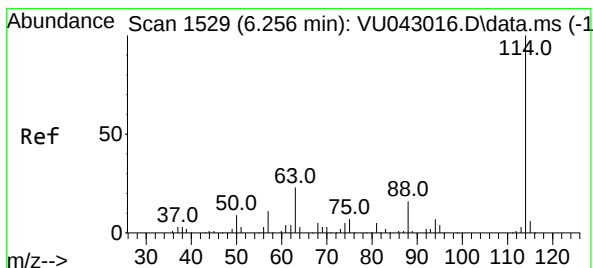
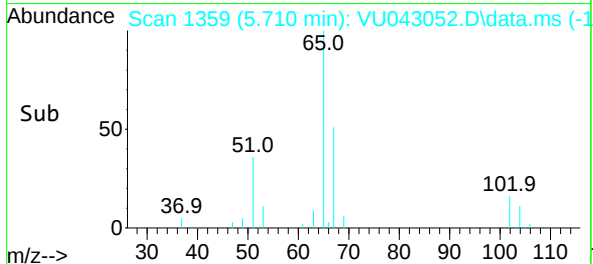
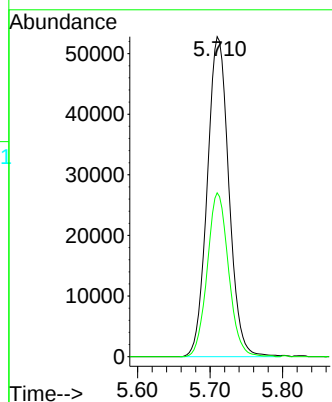
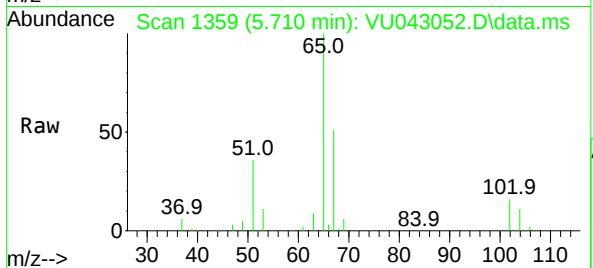




#33
1,2-Dichloroethane-d4
Concen: 47.89 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

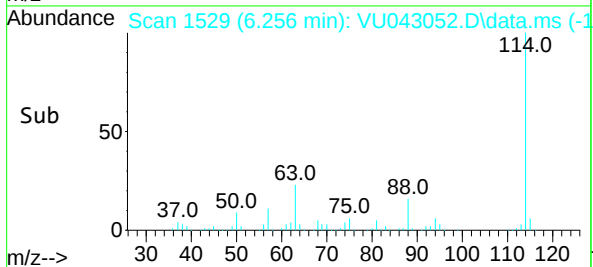
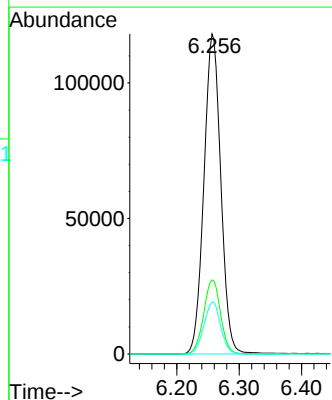
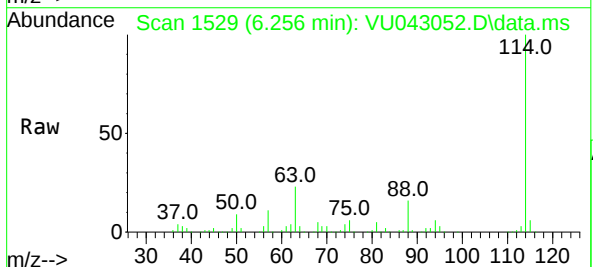
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 65 Resp: 109353
Ion Ratio Lower Upper
65 100
67 50.4 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: VU043052.D
Acq: 13 Apr 2021 15:27

Tgt Ion: 114 Resp: 222464
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.2
88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.68 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043052.D

Acq: 13 Apr 2021 15:27

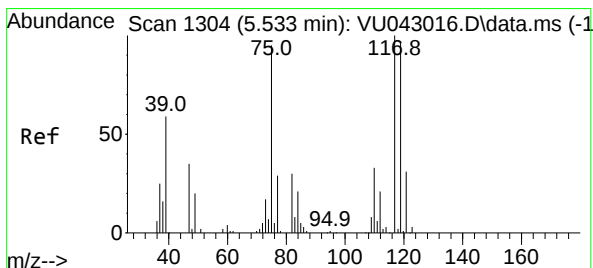
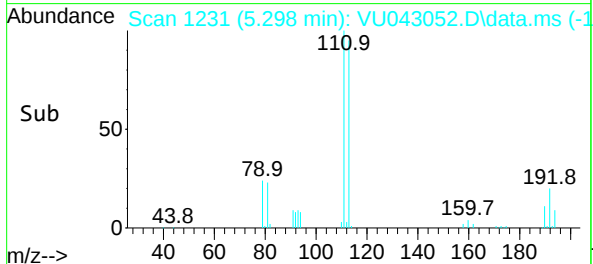
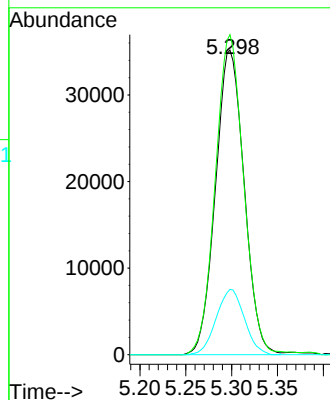
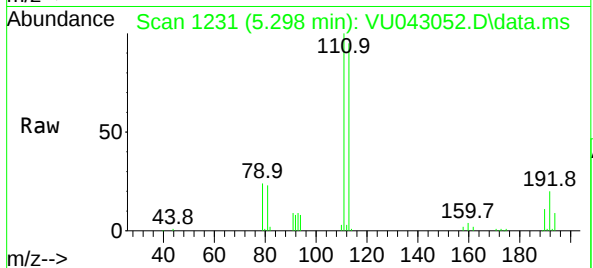
Tgt Ion: 113 Resp: 76369

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

192 21.0 17.2 25.8



#36

1,1-Dichloropropene

Concen: 4.85 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043052.D

Acq: 13 Apr 2021 15:27

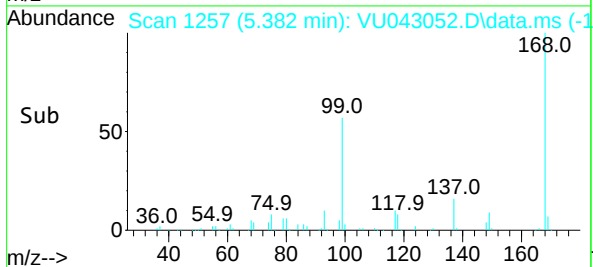
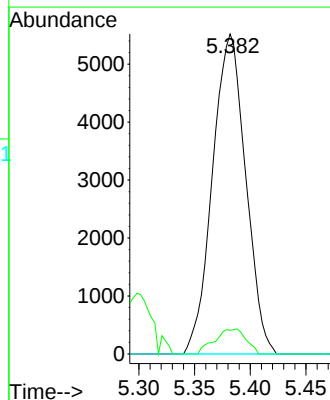
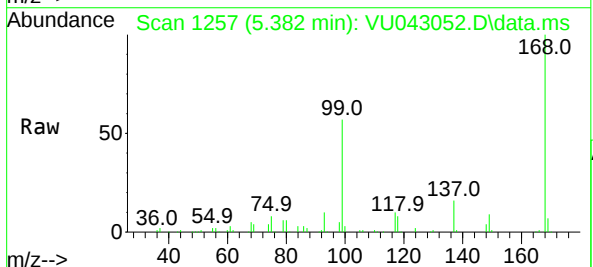
Tgt Ion: 75 Resp: 11448

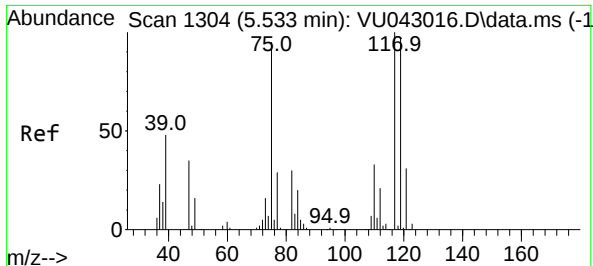
Ion Ratio Lower Upper

75 100

110 7.3 16.8 50.3#

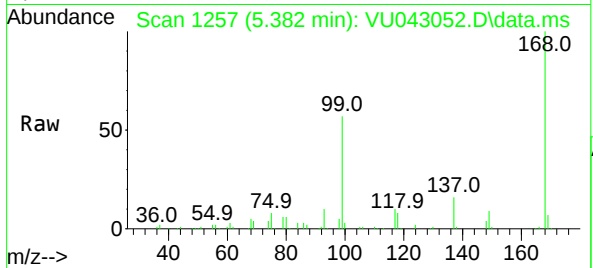
77 0.0 24.8 37.2#



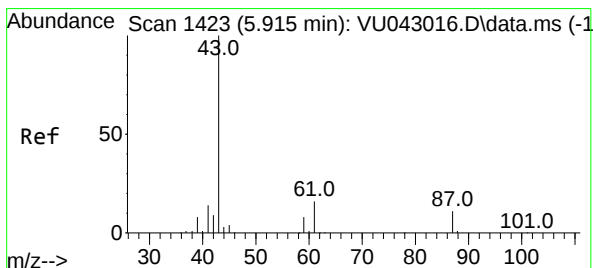
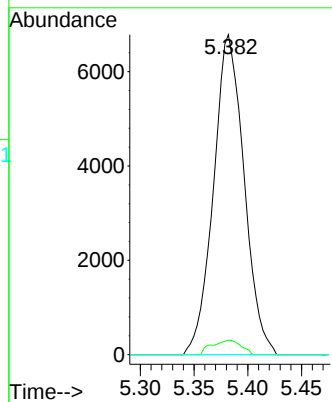
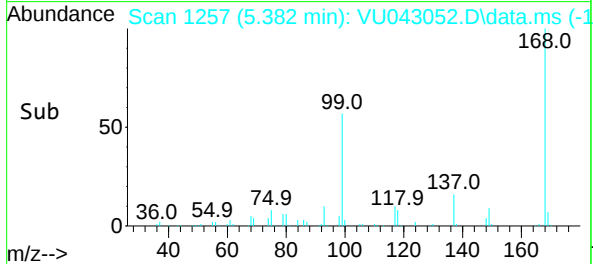


#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

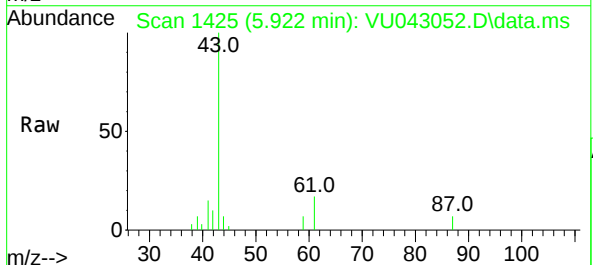
Instrument :
MSVOA_U
ClientSampleId :



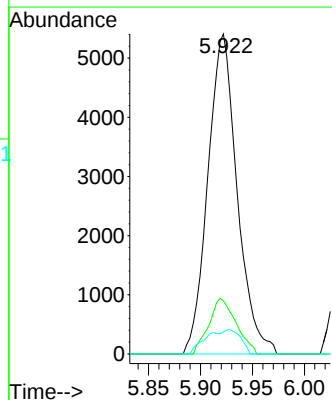
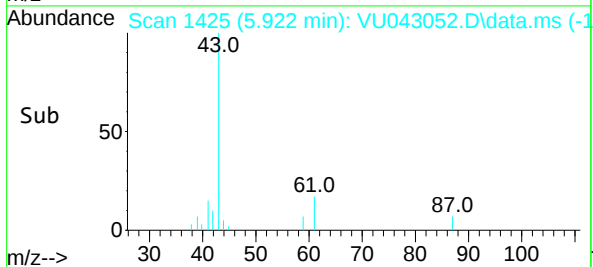
Tgt Ion:117 Resp: 13403
Ion Ratio Lower Upper
117 100
119 4.5 75.5 113.3#
121 0.0 24.7 37.1#

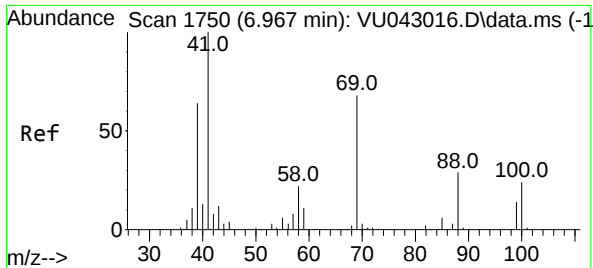


#43
Isopropyl Acetate
Concen: 1.84 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.007 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27



Tgt Ion: 43 Resp: 10611
Ion Ratio Lower Upper
43 100
61 16.1 14.4 21.6
87 4.3 8.8 13.2#

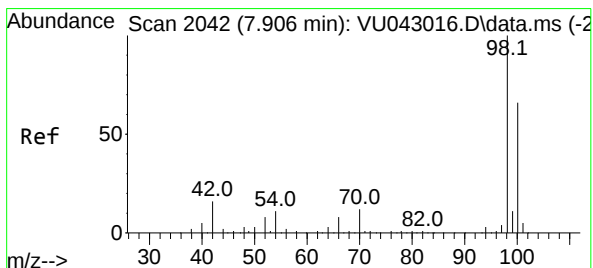
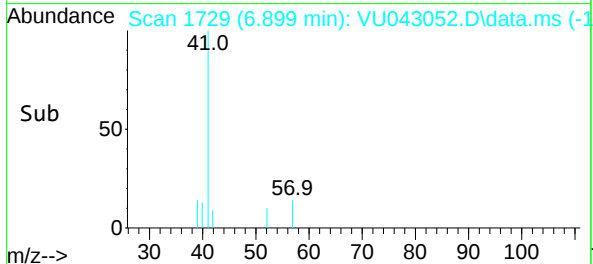
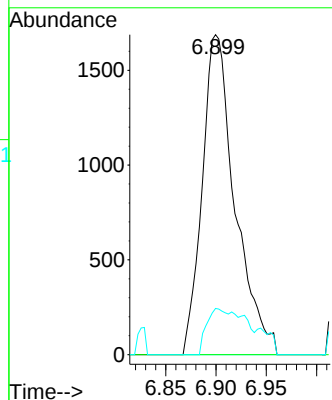
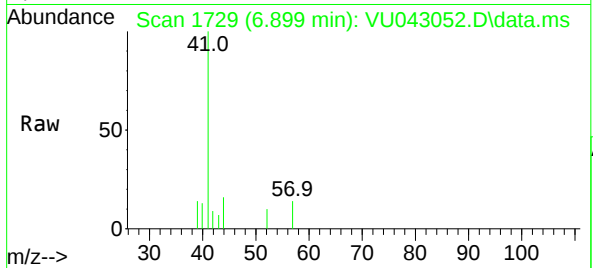




#48
Methyl methacrylate
Concen: 1.32 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

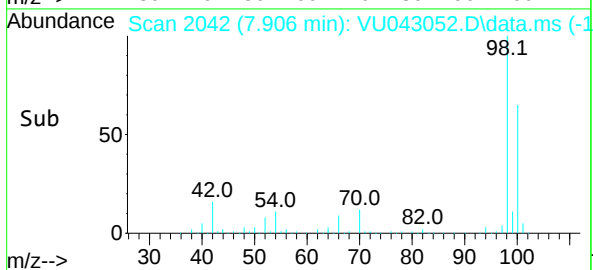
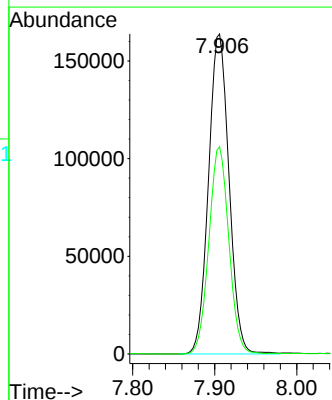
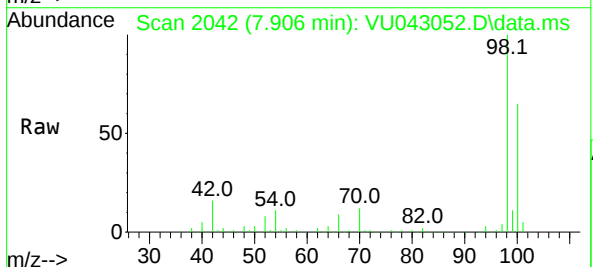
Instrument :
MSVOA_U
ClientSampleId :

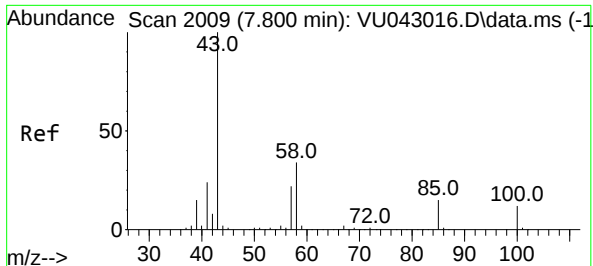
Tgt Ion: 41 Resp: 3827
Ion Ratio Lower Upper
41 100
69 0.0 57.0 85.6#
39 16.6 48.4 72.6#



#50
Toluene-d8
Concen: 48.07 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

Tgt Ion: 98 Resp: 284351
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2

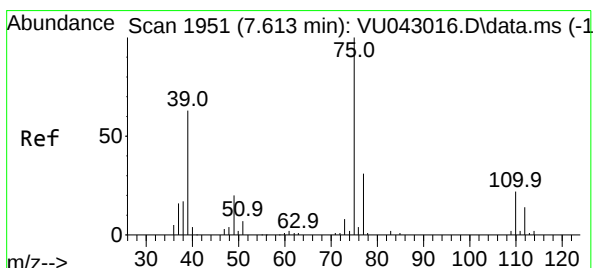
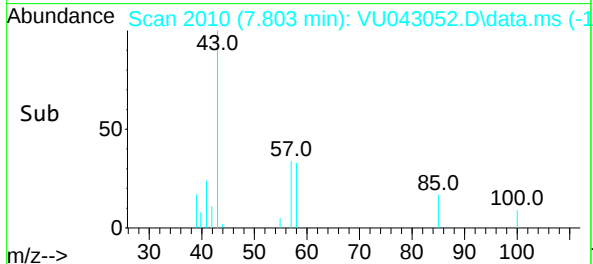
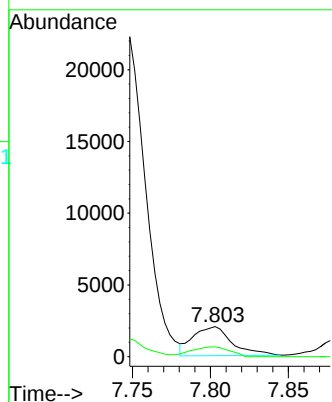
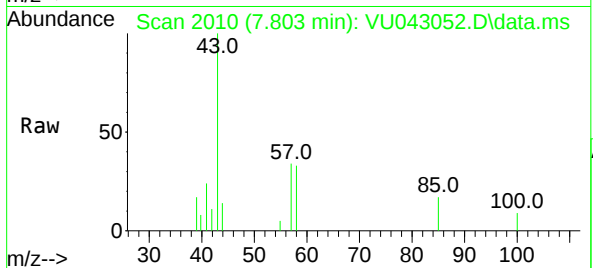




#51
4-Methyl-2-Pentanone
Concen: 0.82 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

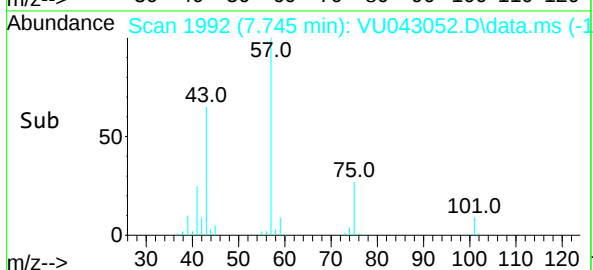
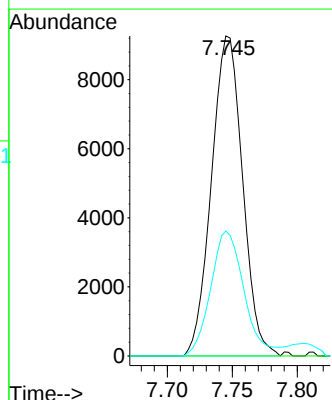
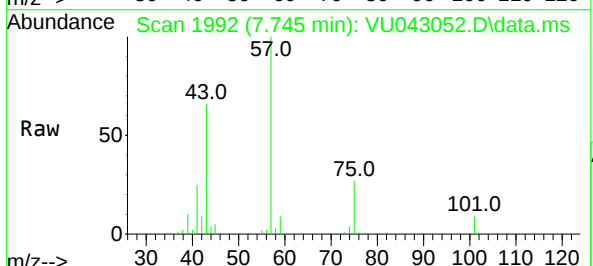
Instrument :
MSVOA_U
ClientSampled :

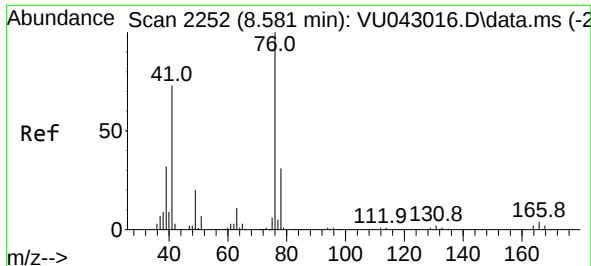
Tgt Ion: 43 Resp: 3510
Ion Ratio Lower Upper
43 100
58 32.7 28.1 42.1



#54
cis-1,3-Dichloropropene
Concen: 5.21 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

Tgt Ion: 75 Resp: 15416
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 39.1 46.1 69.1#





#57

1,3-Dichloropropane

Concen: 1.46 ug/l

RT: 8.732 min Scan# 2299

Delta R.T. 0.151 min

Lab File: VU043052.D

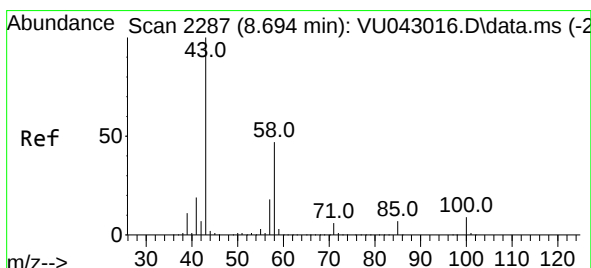
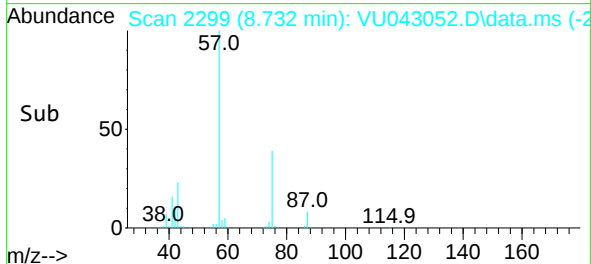
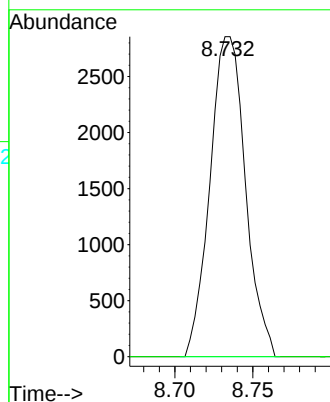
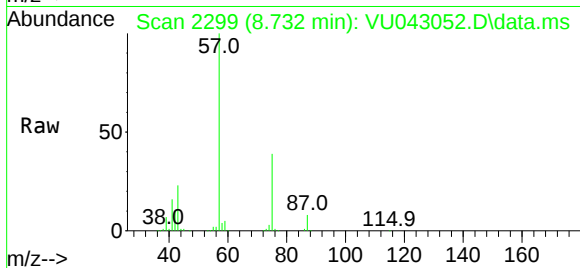
Acq: 13 Apr 2021 15:27

Tgt Ion: 76 Resp: 4520

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 22.02 ug/l

RT: 8.735 min Scan# 2300

Delta R.T. 0.041 min

Lab File: VU043052.D

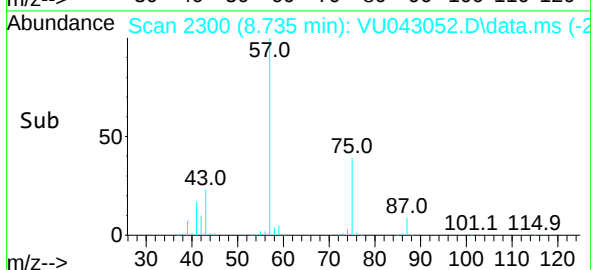
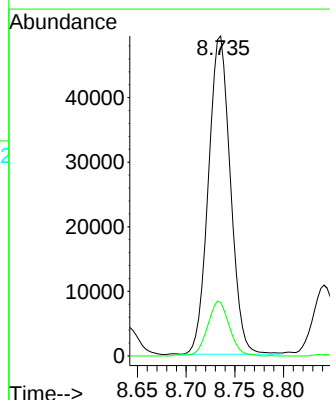
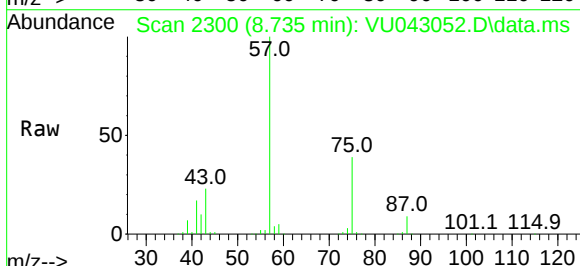
Acq: 13 Apr 2021 15:27

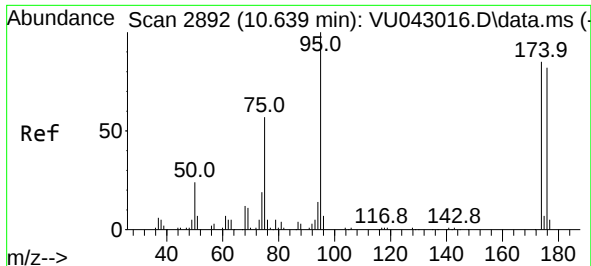
Tgt Ion: 43 Resp: 77218

Ion Ratio Lower Upper

43 100

58 17.2 24.0 72.0#

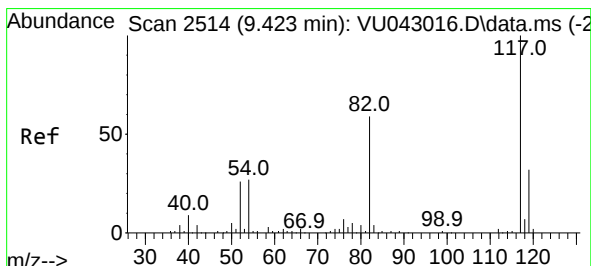
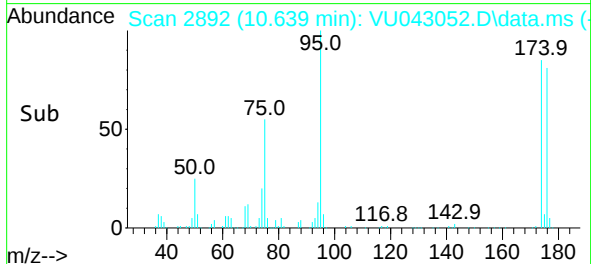
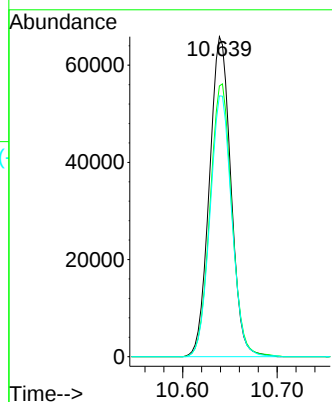
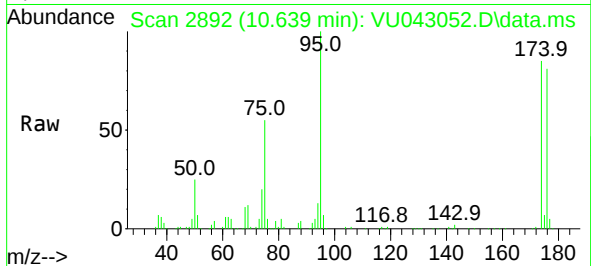




#62
4-Bromofluorobenzene
Concen: 43.92 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

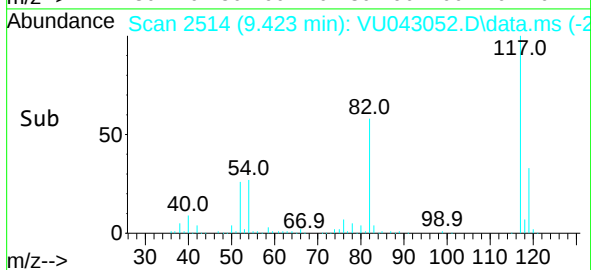
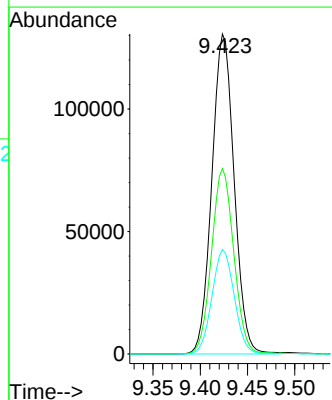
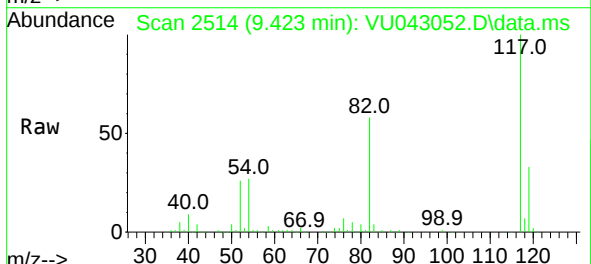
Instrument :
MSVOA_U
ClientSampleId :

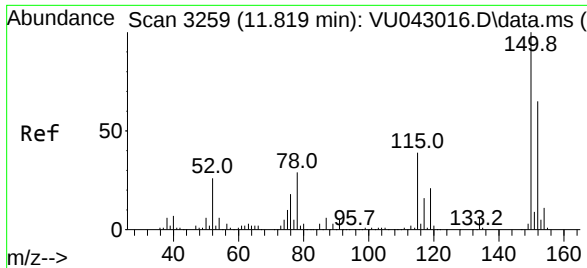
Tgt Ion: 95 Resp: 104036
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.2
176 82.8 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

Tgt Ion: 117 Resp: 214424
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.6
119 32.7 25.8 38.8

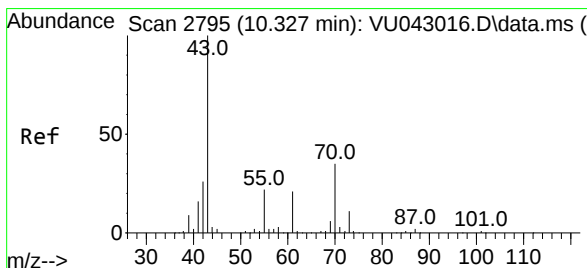
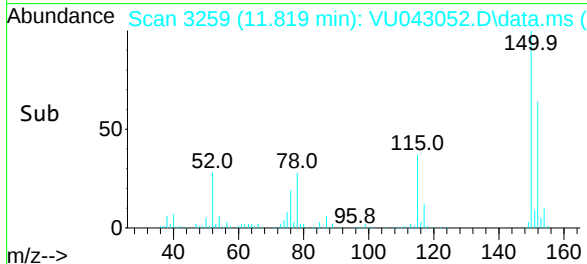
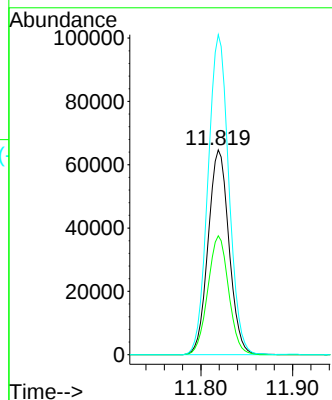
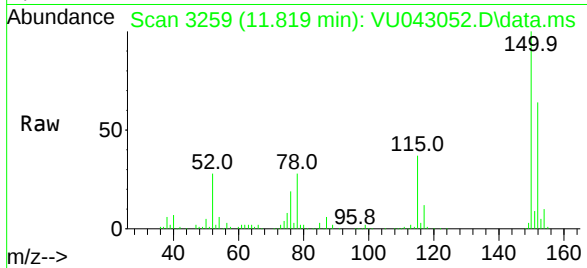




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043052.D
 Acq: 13 Apr 2021 15:27

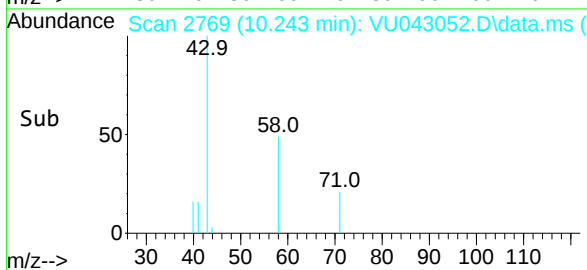
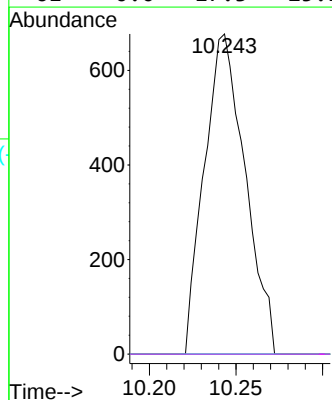
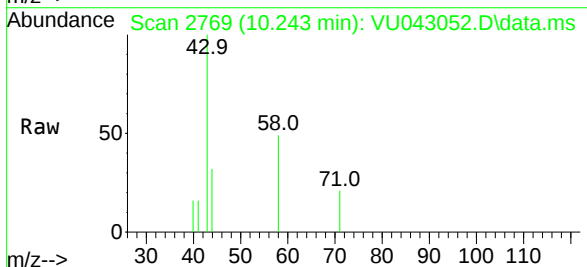
Instrument :
 MSVOA_U
 ClientSampled :

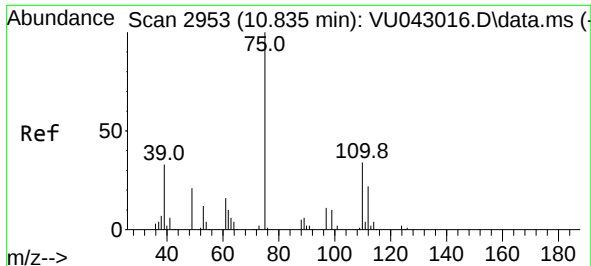
Tgt Ion:152 Resp: 102324
 Ion Ratio Lower Upper
 152 100
 115 57.9 41.5 124.6
 150 156.0 0.0 342.4



#74
 N-ethyl acetate
 Concen: 0.25 ug/l
 RT: 10.243 min Scan# 2769
 Delta R.T. -0.084 min
 Lab File: VU043052.D
 Acq: 13 Apr 2021 15:27

Tgt Ion: 43 Resp: 1110
 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#

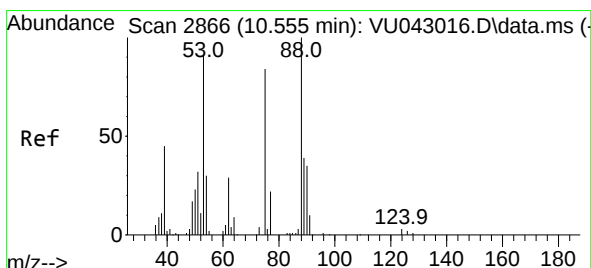
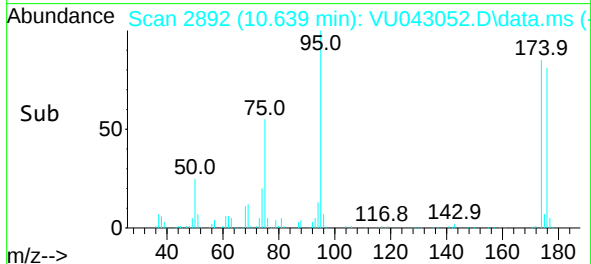
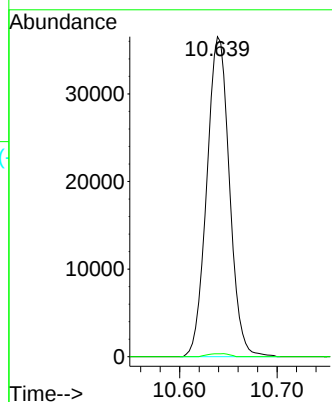
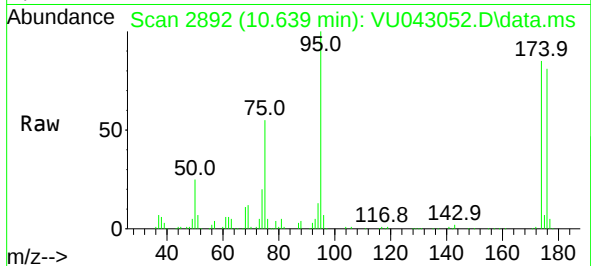




#76
1,2,3-Trichloropropane
Concen: 19.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

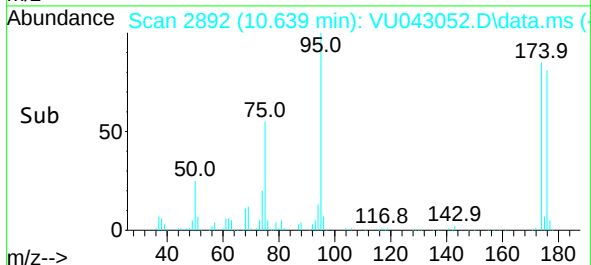
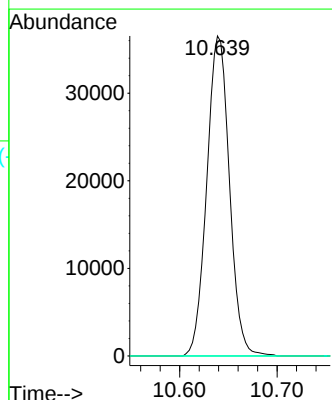
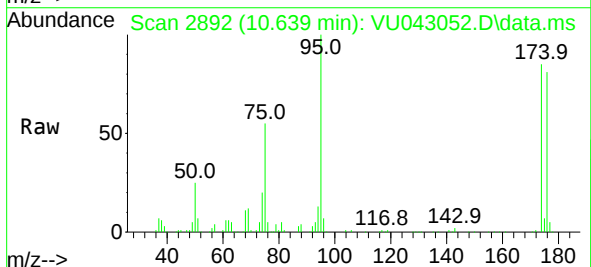
Instrument :
MSVOA_U
ClientSampleId :

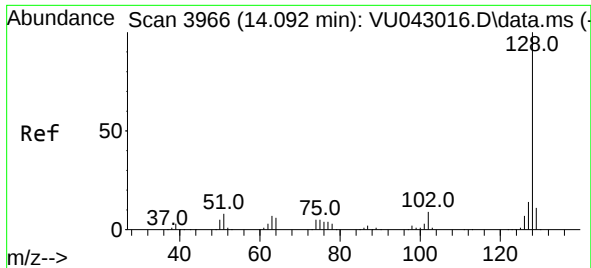
Tgt Ion: 75 Resp: 59071
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.05 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043052.D
Acq: 13 Apr 2021 15:27

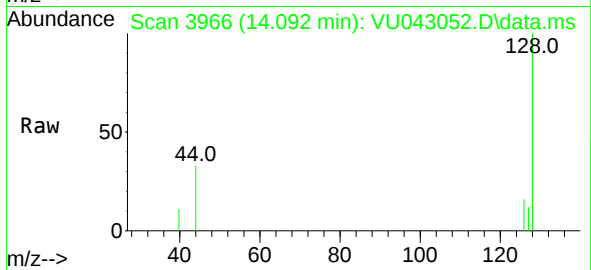
Tgt Ion: 75 Resp: 59071
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.95 ug/l
 RT: 14.092 min Scan# 3966
 Delta R.T. 0.000 min
 Lab File: VU043052.D
 Acq: 13 Apr 2021 15:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:128 Resp: 1642
 Ion Ratio Lower Upper
 128 100
 127 4.8 10.8 16.2#
 129 1.2 8.6 13.0#

