

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043382.D
 Acq On : 28 Apr 2021 13:45
 Operator : SY/MD
 Sample : M2133-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB01-20210420

Quant Time: Apr 29 08:37:53 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)

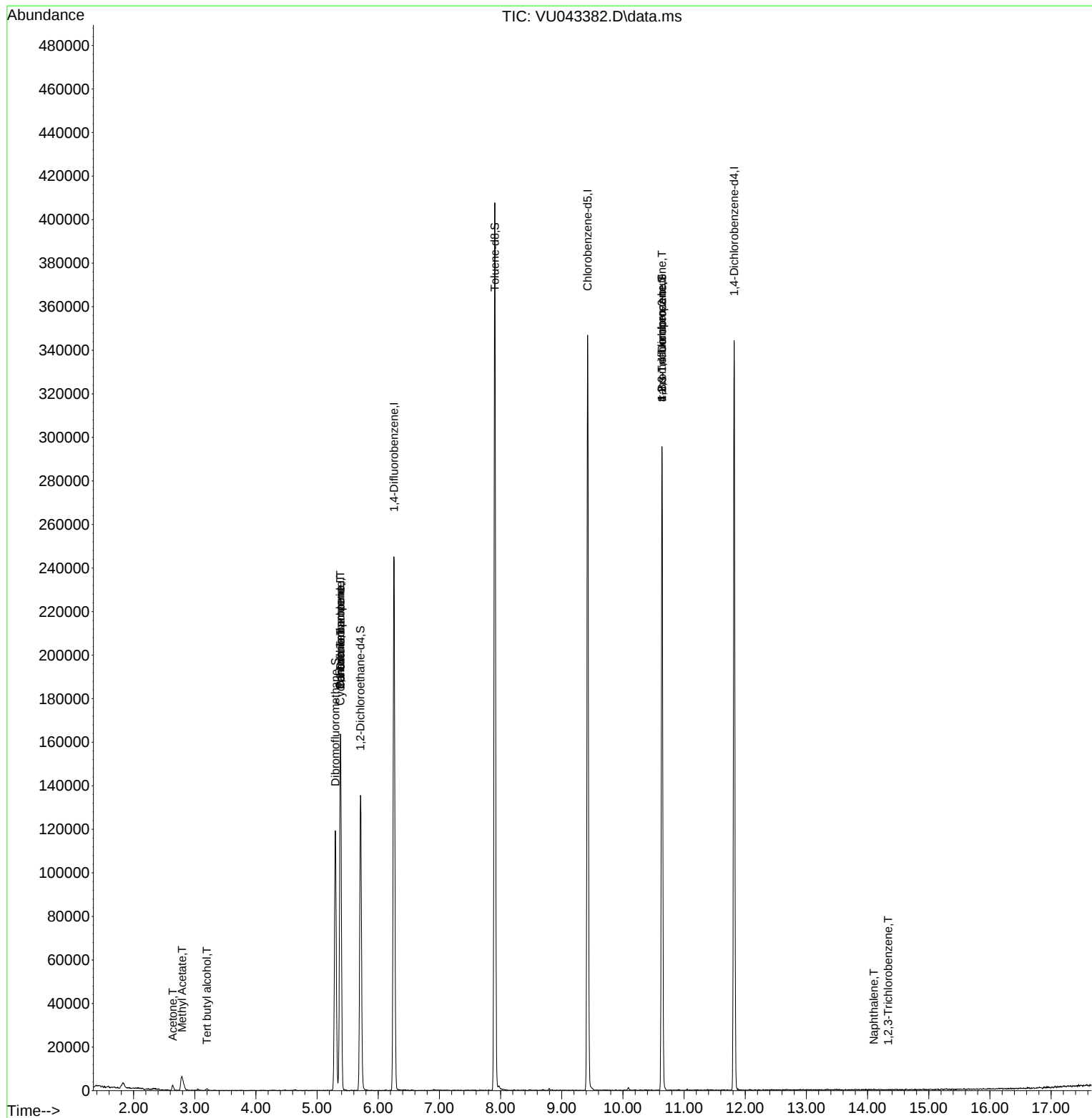
Internal Standards						
1) Pentafluorobenzene	5.382	168	109265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	181927	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	176351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	82792	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	104751	57.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.06%	
35) Dibromofluoromethane	5.298	113	73643	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
50) Toluene-d8	7.906	98	247397	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	10.639	95	86885	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	381	Below Cal		98
6) Chloroethane	2.038	64	20	Below Cal	#	42
11) Tert butyl alcohol	3.198	59	868	1.83 ug/l	#	94
16) Acetone	2.642	43	3000	2.48 ug/l		92
18) Methyl Acetate	2.793	43	3162	1.38 ug/l	#	55
31) Cyclohexane	5.378	56	2629	1.16 ug/l	#	16
36) 1,1-Dichloropropene	5.382	75	9222	4.78 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	11149	5.39 ug/l	#	17
76) 1,2,3-Trichloropropane	10.639	75	49538	20.48 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	49538	60.17 ug/l	#	7
95) Naphthalene	14.102	128	271	2.78 ug/l	#	69
96) 1,2,3-Trichlorobenzene	14.336	180	39	1.48 ug/l	#	12

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

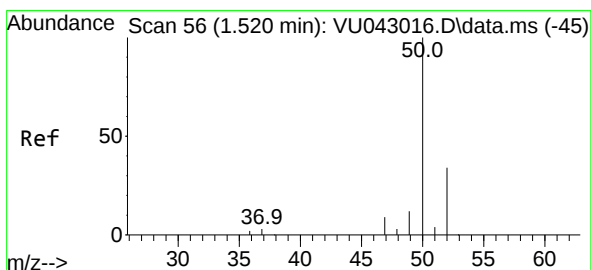
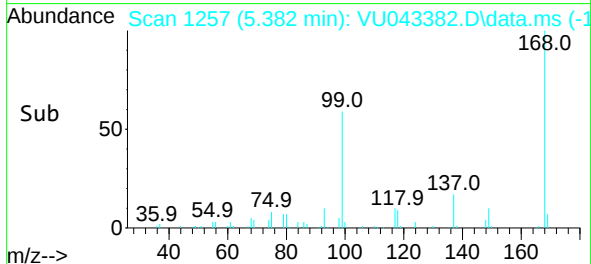
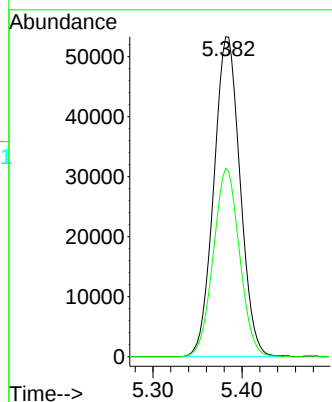
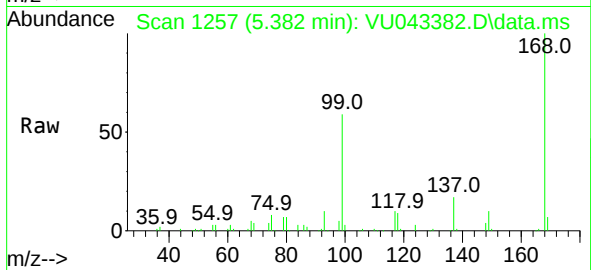




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

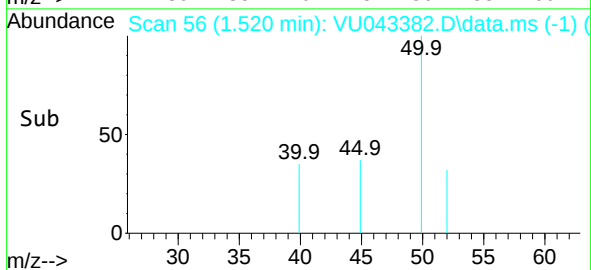
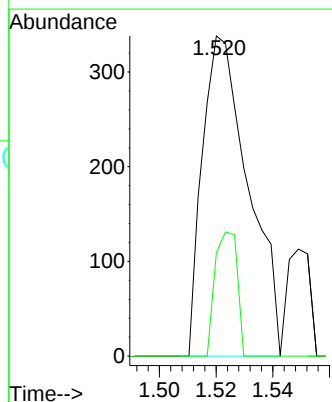
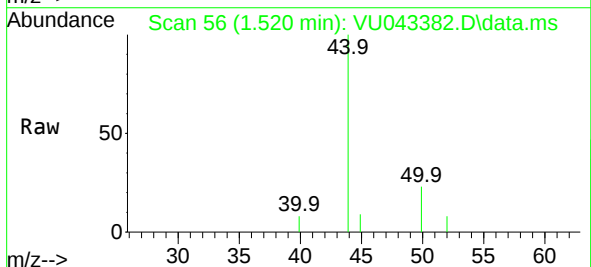
Instrument :
MSVOA_U
ClientSampleId :
TB01-20210420

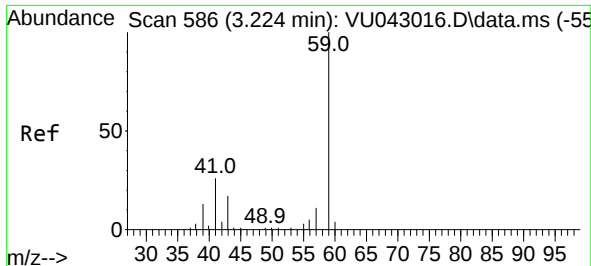
Tgt Ion:168 Resp: 109265
Ion Ratio Lower Upper
168 100
99 58.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0

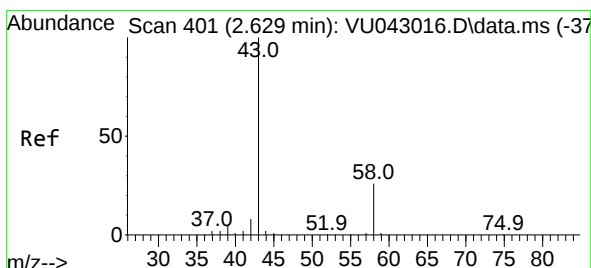
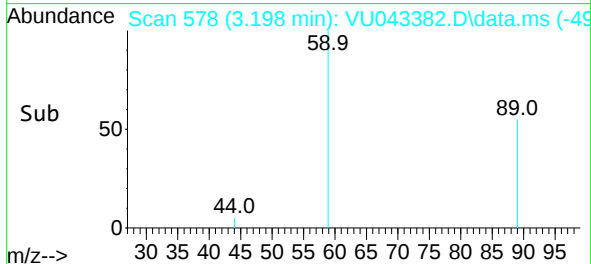
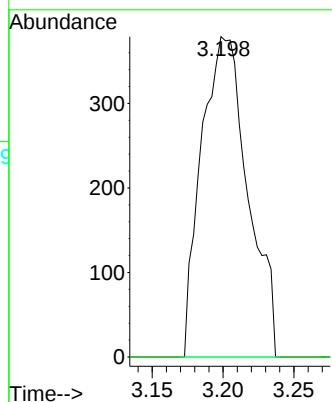
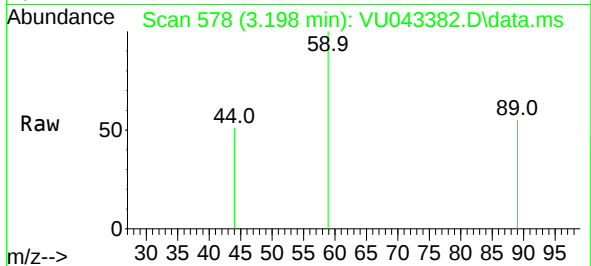




#11
Tert butyl alcohol
Concen: 1.83 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.026 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

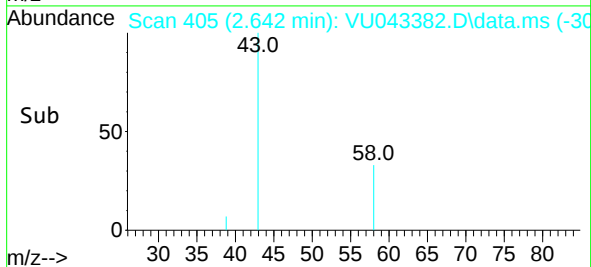
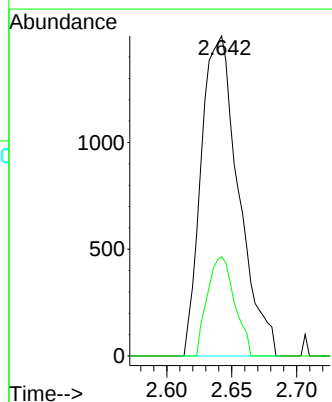
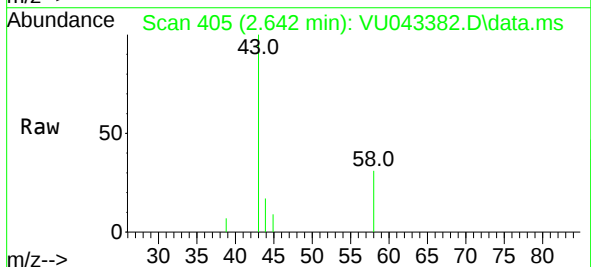
Instrument :
MSVOA_U
ClientSampleId :
TB01-20210420

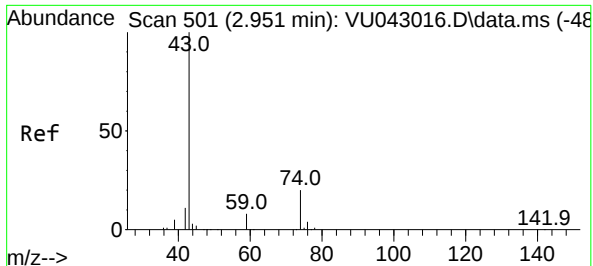
Tgt Ion: 59 Resp: 868
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 2.48 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

Tgt Ion: 43 Resp: 3000
Ion Ratio Lower Upper
43 100
58 31.0 21.5 32.3

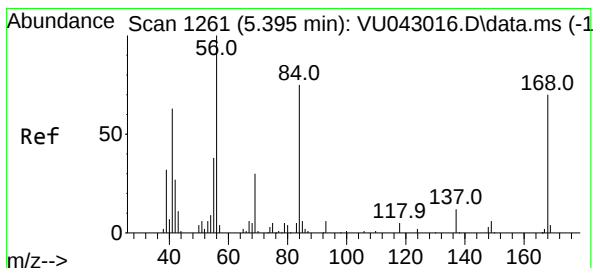
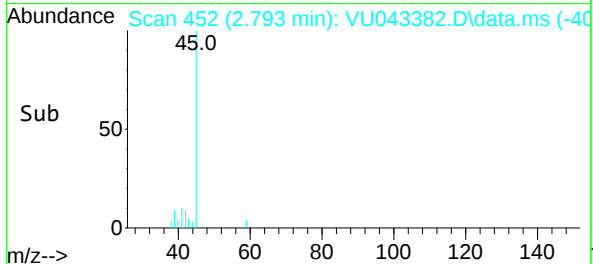
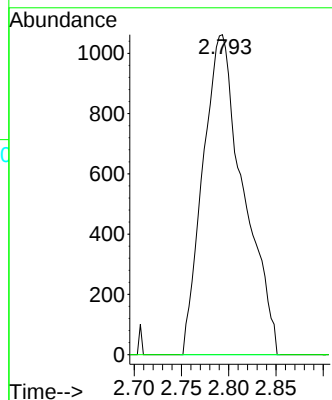
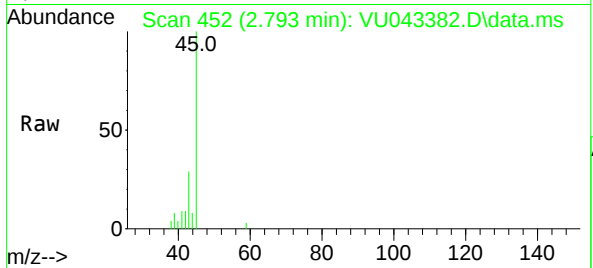




#18
Methyl Acetate
Concen: 1.38 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.158 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

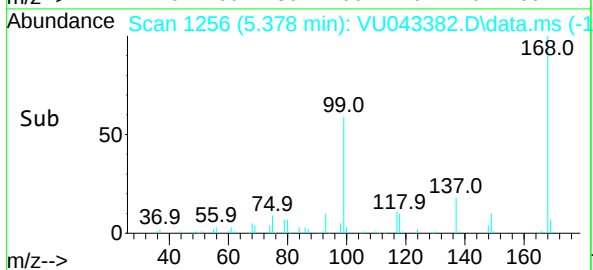
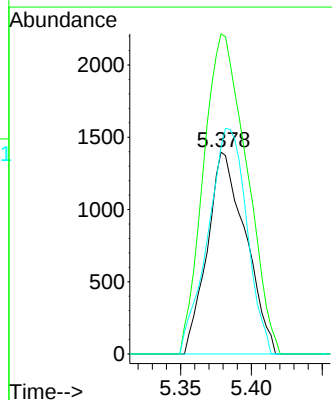
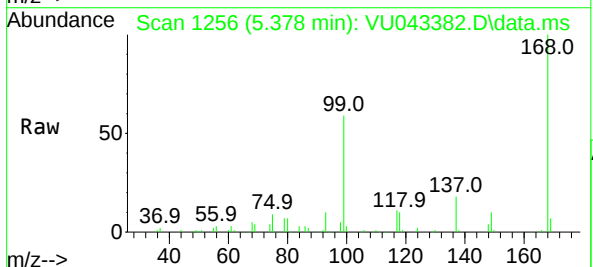
Instrument :
MSVOA_U
ClientSampleId :
TB01-20210420

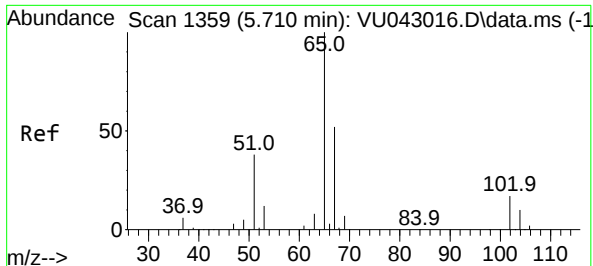
Tgt Ion: 43 Resp: 3162
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

Tgt Ion: 56 Resp: 2629
Ion Ratio Lower Upper
56 100
69 158.6 24.9 37.3#
84 102.5 63.7 95.5#





#33

1,2-Dichloroethane-d4

Concen: 57.03 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043382.D

Acq: 28 Apr 2021 13:45

Tgt Ion: 65 Resp: 104751

Ion Ratio Lower Upper

65 100

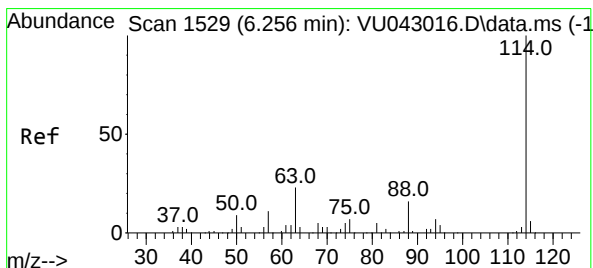
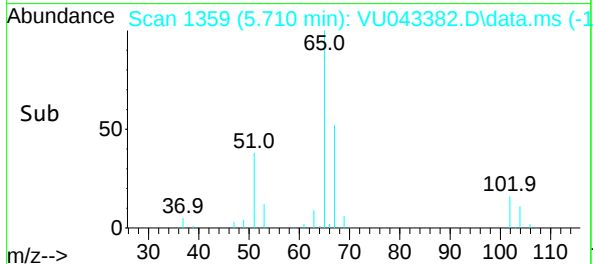
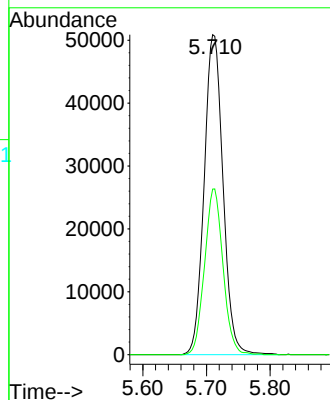
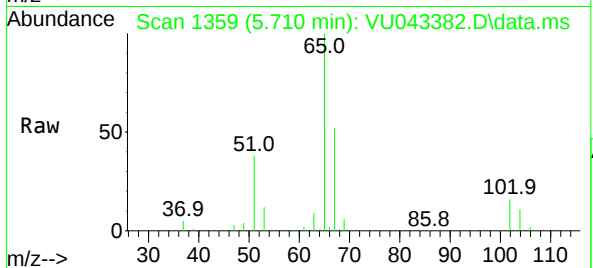
67 50.6 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

TB01-20210420



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043382.D

Acq: 28 Apr 2021 13:45

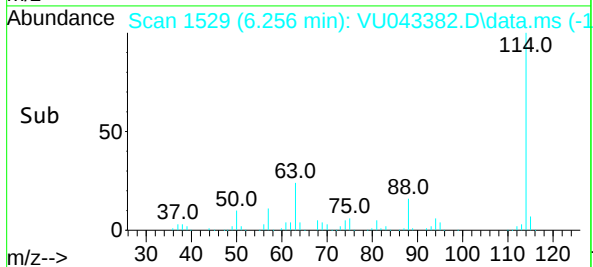
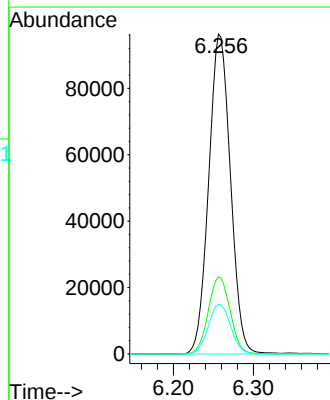
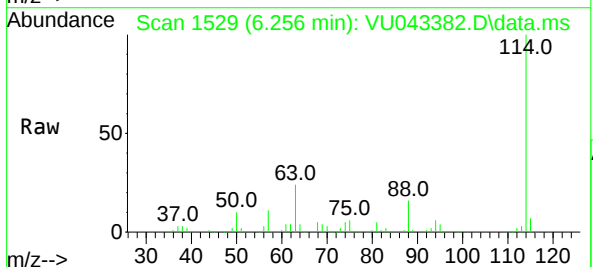
Tgt Ion: 114 Resp: 181927

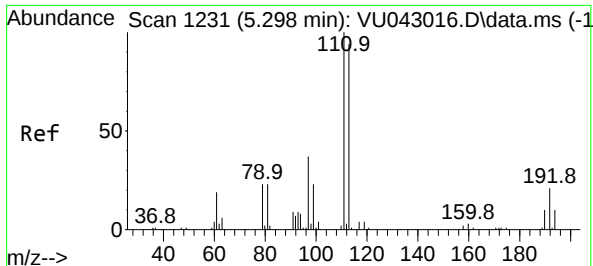
Ion Ratio Lower Upper

114 100

63 24.1 0.0 44.2

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.87 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043382.D

Acq: 28 Apr 2021 13:45

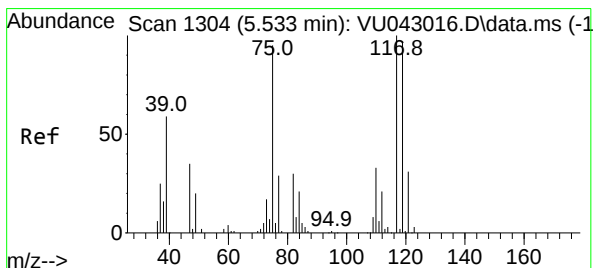
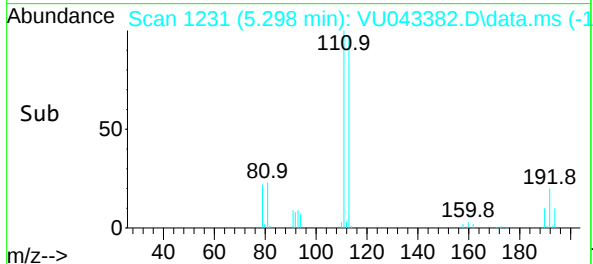
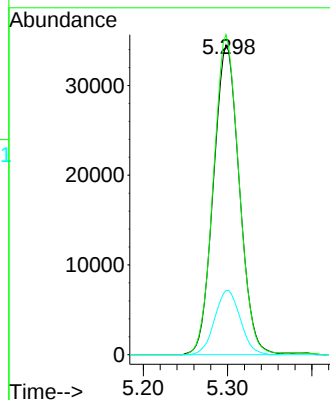
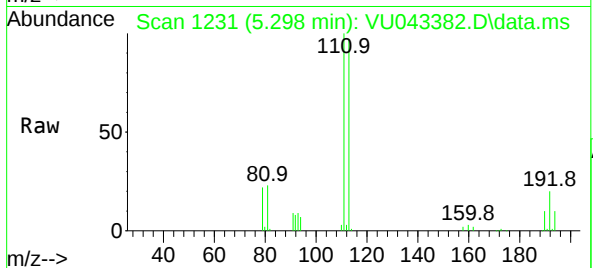
Tgt Ion:113 Resp: 73643

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

192 20.5 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: VU043382.D

Acq: 28 Apr 2021 13:45

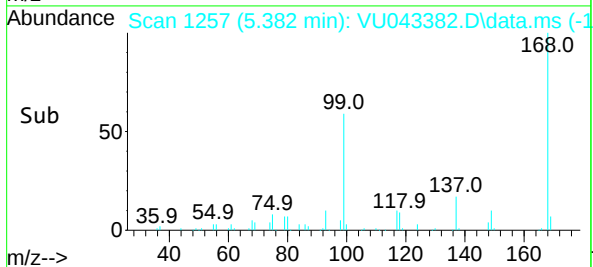
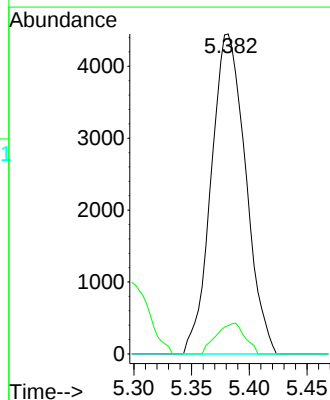
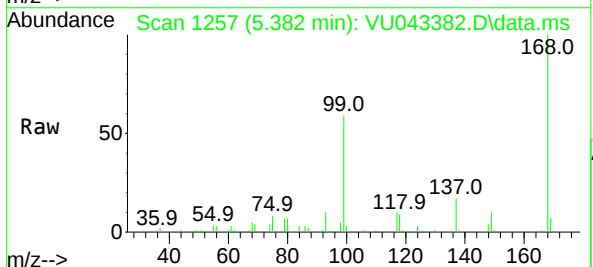
Tgt Ion: 75 Resp: 9222

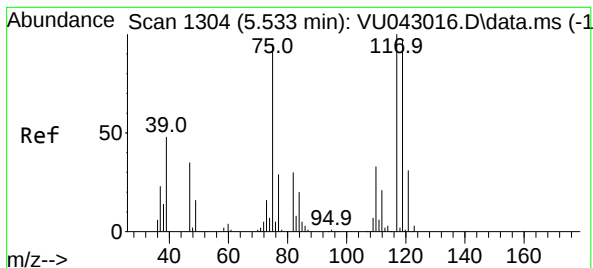
Ion Ratio Lower Upper

75 100

110 7.9 16.8 50.3#

77 0.0 24.8 37.2#

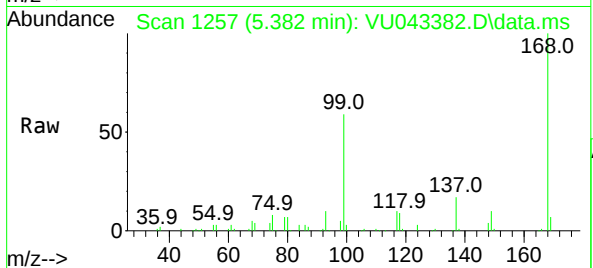




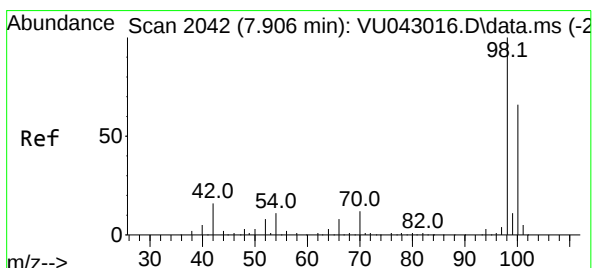
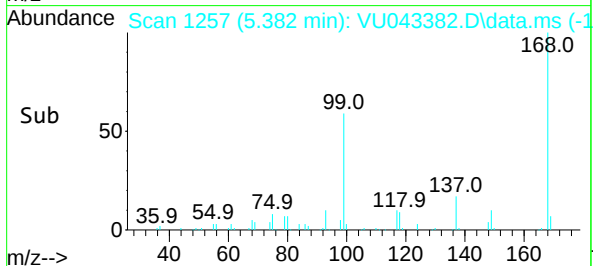
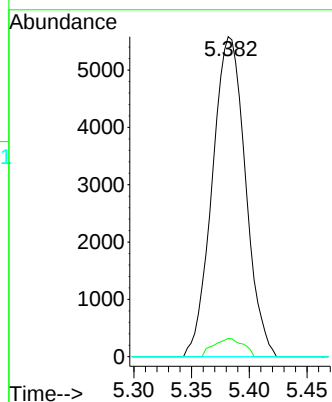
#38

Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

Instrument :
MSVOA_U
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TB01-20210420



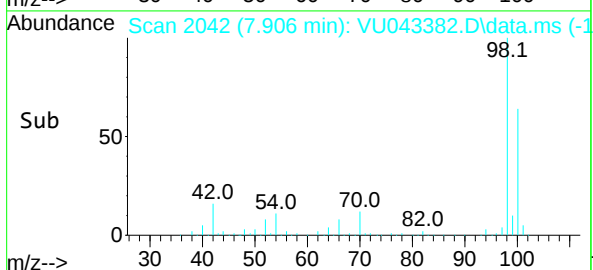
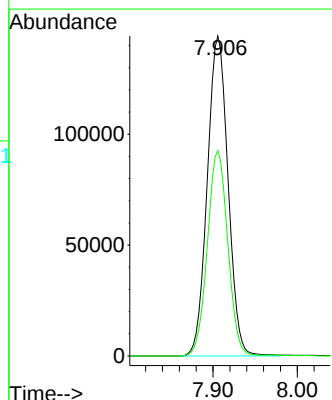
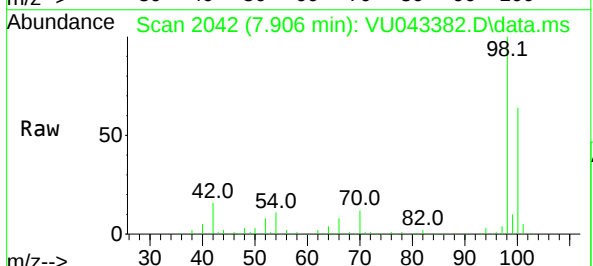
Tgt Ion:117 Resp: 11149
Ion Ratio Lower Upper
117 100
119 5.7 75.5 113.3#
121 0.0 24.7 37.1#

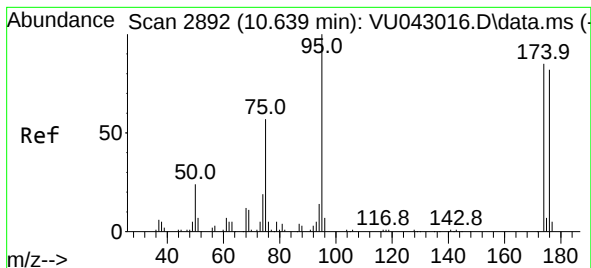


#50

Toluene-d8
Concen: 51.14 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

Tgt Ion: 98 Resp: 247397
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2

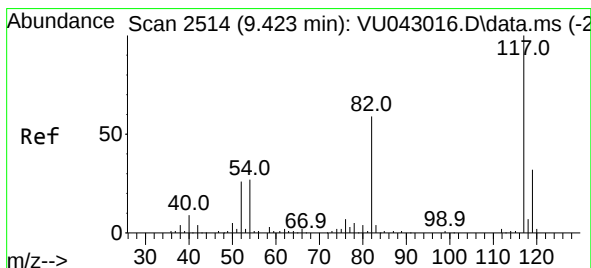
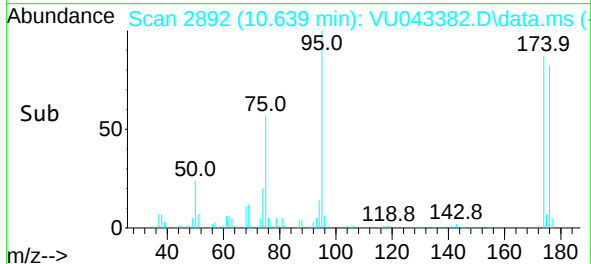
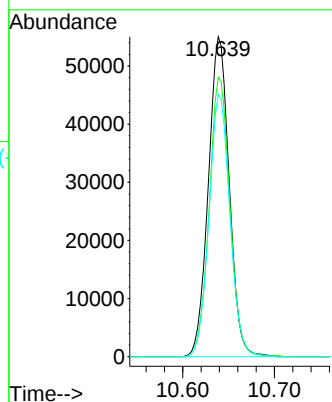
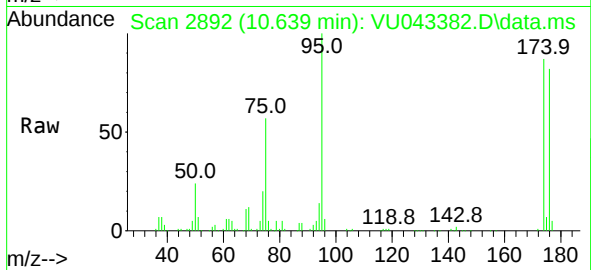




#62
4-Bromofluorobenzene
Concen: 44.85 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

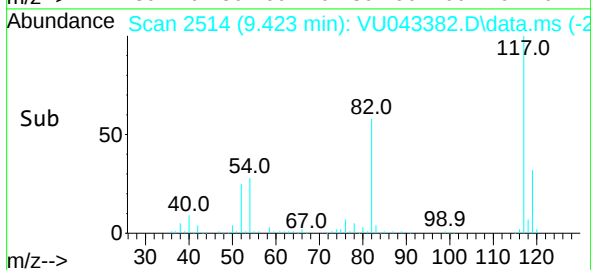
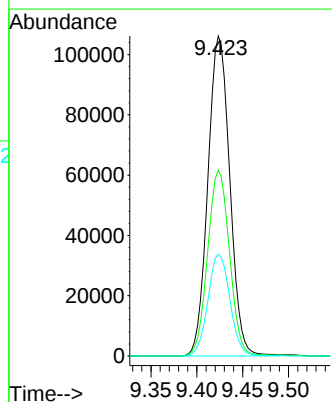
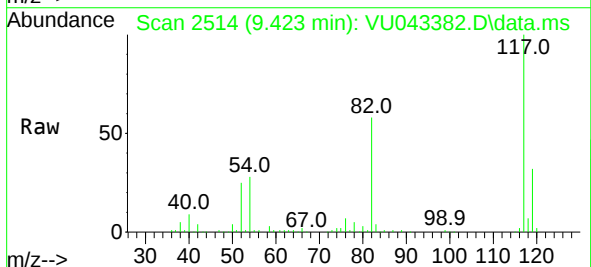
Instrument :
MSVOA_U
ClientSampleId :
TB01-20210420

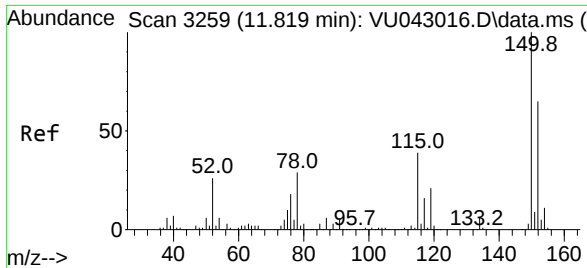
Tgt Ion: 95 Resp: 86885
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 82.0 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

Tgt Ion: 117 Resp: 176351
Ion Ratio Lower Upper
117 100
82 58.1 45.8 68.6
119 31.9 25.8 38.8

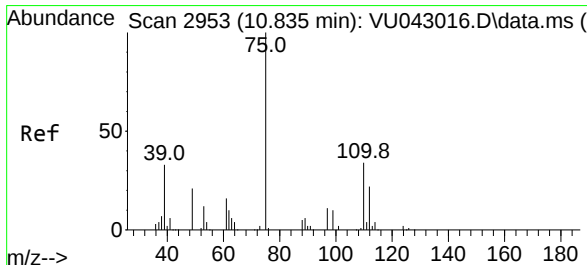
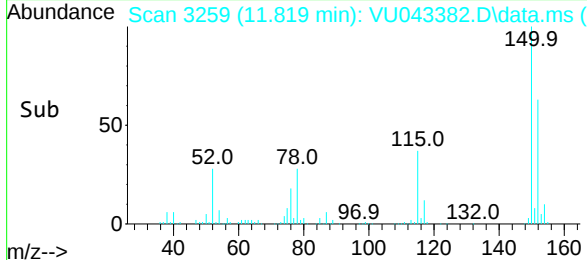
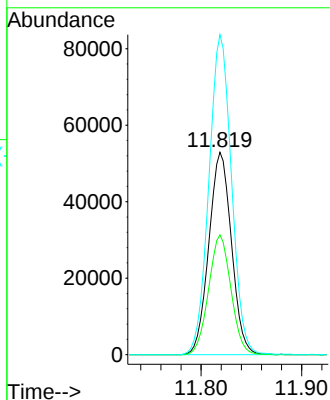
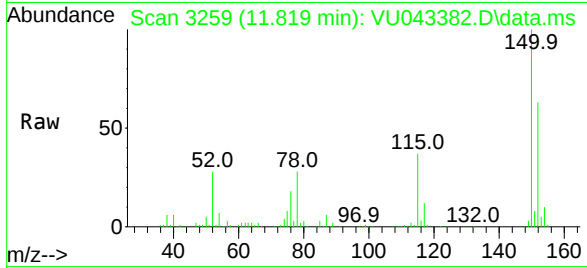




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043382.D
 Acq: 28 Apr 2021 13:45

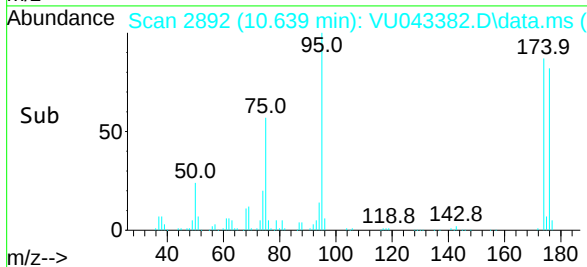
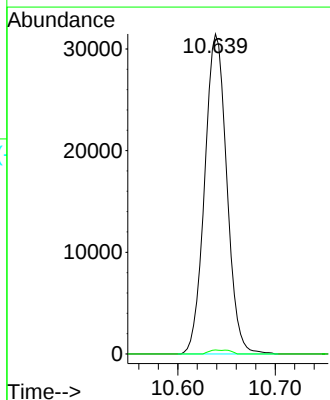
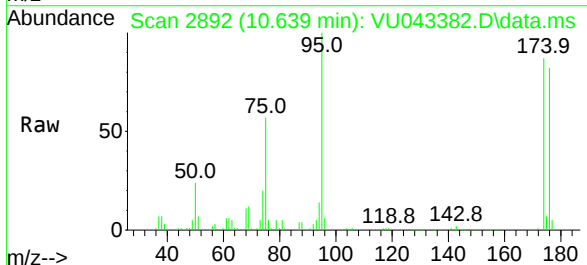
Instrument :
 MSVOA_U
 ClientSampleId :
 TB01-20210420

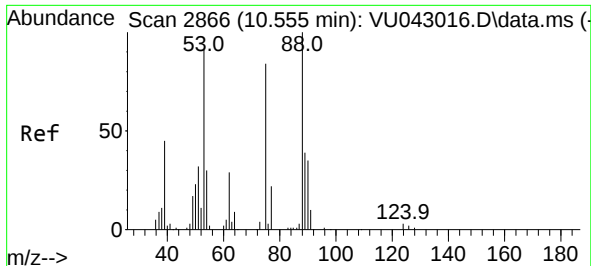
Tgt Ion:152 Resp: 82792
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.5 124.6
 150 157.7 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.48 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043382.D
 Acq: 28 Apr 2021 13:45

Tgt Ion: 75 Resp: 49538
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.2 60.5#

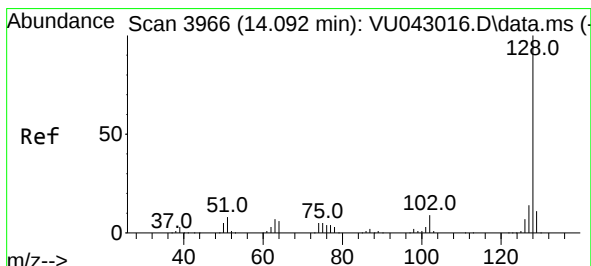
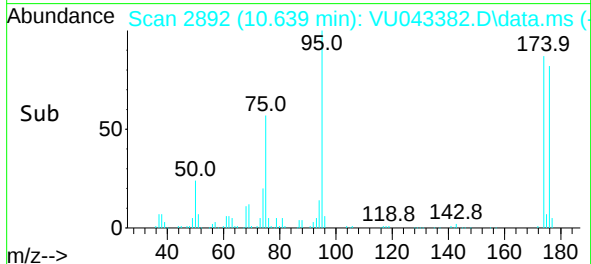
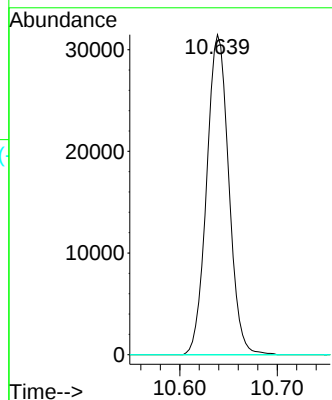
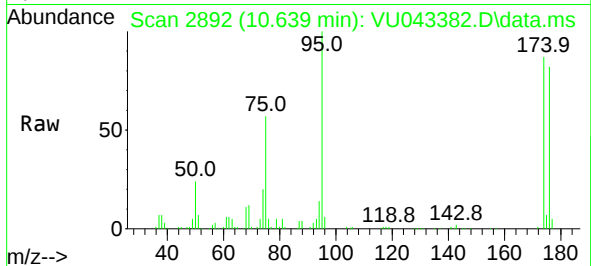




#81
trans-1,4-Dichloro-2-butene
Concen: 60.17 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

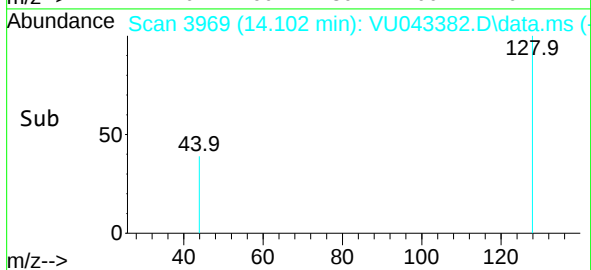
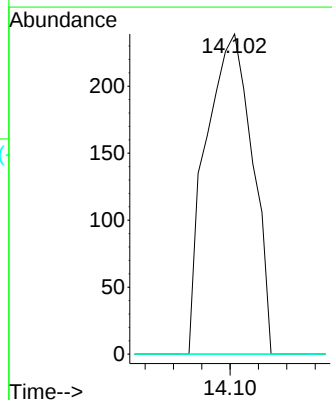
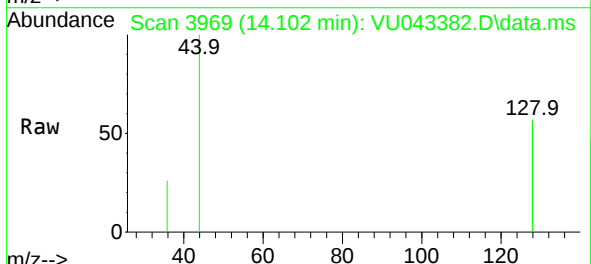
Instrument :
MSVOA_U
ClientSampleId :
TB01-20210420

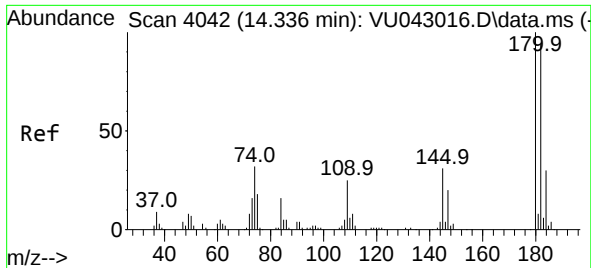
Tgt Ion: 75 Resp: 49538
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.78 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU043382.D
Acq: 28 Apr 2021 13:45

Tgt Ion: 128 Resp: 271
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.48 ug/l
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VU043382.D
 Acq: 28 Apr 2021 13:45

Instrument :
 MSVOA_U
 ClientSampleId :
 TB01-20210420

Tgt Ion:180 Resp: 39
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.0 144.0#
 145 0.0 15.5 46.5#

