

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042856.D
 Acq On : 31 Mar 2021 14:45
 Operator : SY/MD
 Sample : M1836-16 10X
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B7-10-12

Quant Time: Apr 01 04:41:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

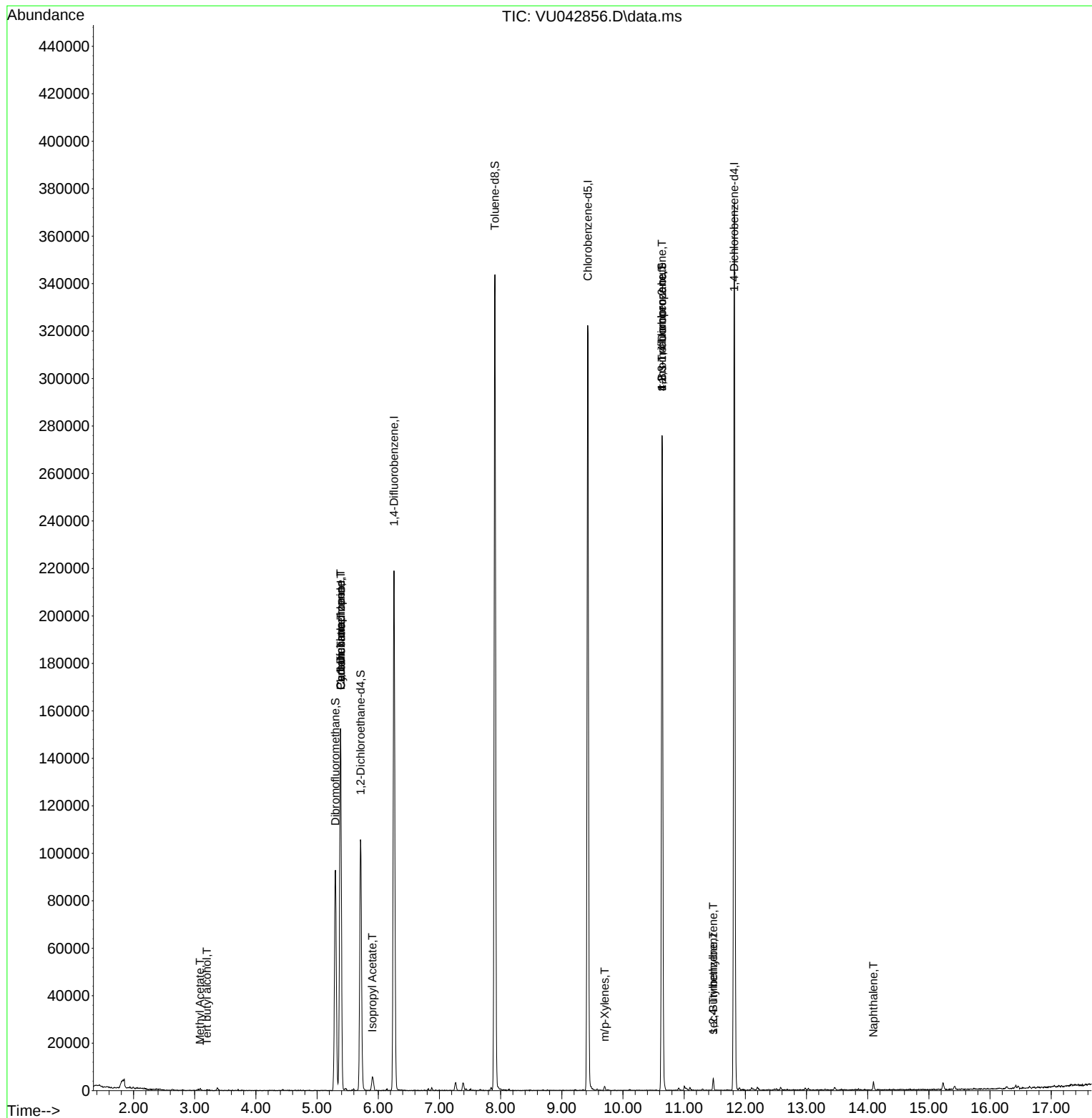
Internal Standards						
1) Pentafluorobenzene	5.385	168	103628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	163642	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	163988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	90324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	82913	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	5.298	113	57049	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	7.906	98	210056	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	10.639	95	81044	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
Target Compounds						Qvalue
11) Tert butyl alcohol	3.199	59	514	1.46	ug/l #	74
16) Acetone	2.633	43	562	Below Cal	#	48
18) Methyl Acetate	3.086	43	585	0.31	ug/l #	56
31) Cyclohexane	5.385	56	2528	1.23	ug/l #	33
36) 1,1-Dichloropropene	5.382	75	8271	5.11	ug/l #	47
38) Carbon Tetrachloride	5.385	117	10839	5.87	ug/l #	17
43) Isopropyl Acetate	5.903	43	1169	0.31	ug/l #	65
68) m/p-Xylenes	9.700	106	685	0.31	ug/l	80
76) 1,2,3-Trichloropropane	10.639	75	46485	20.24	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	46485	59.96	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.475	105	2654	0.53	ug/l	95
85) sec-Butylbenzene	11.475	105	2654	0.47	ug/l #	57
95) Naphthalene	14.092	128	3001	3.04	ug/l #	90

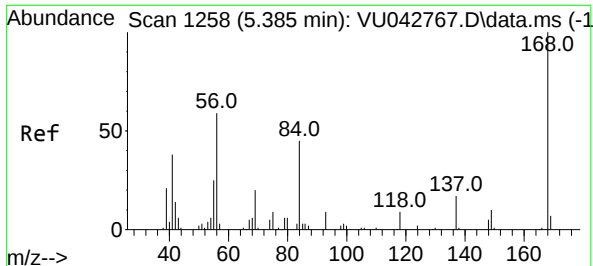
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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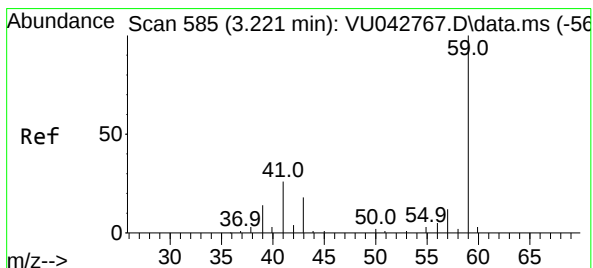
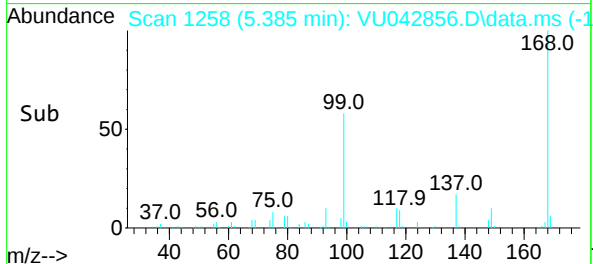
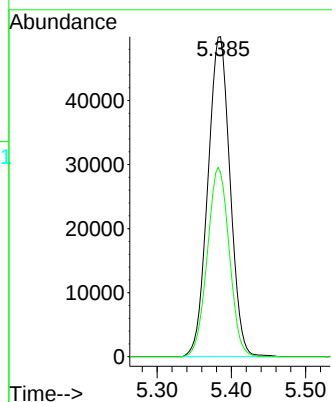
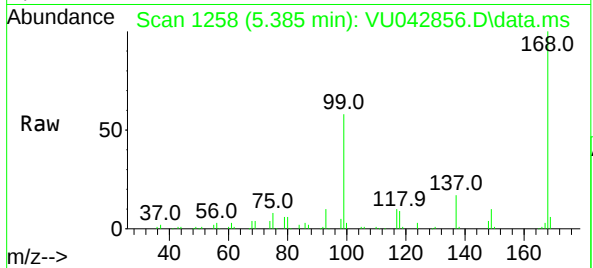




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

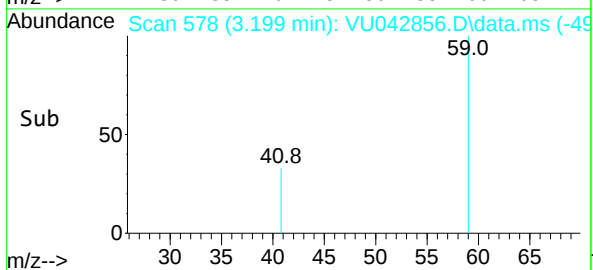
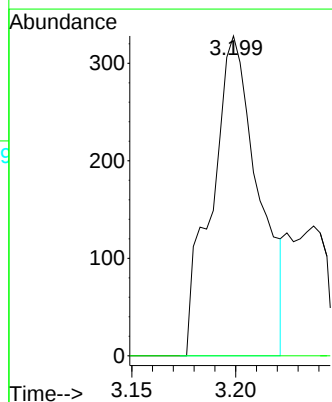
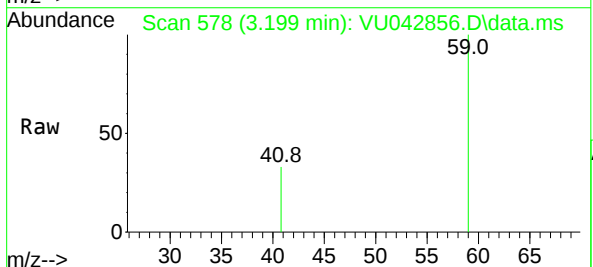
Instrument :
MSVOA_U
ClientSampled :
B7-10-12

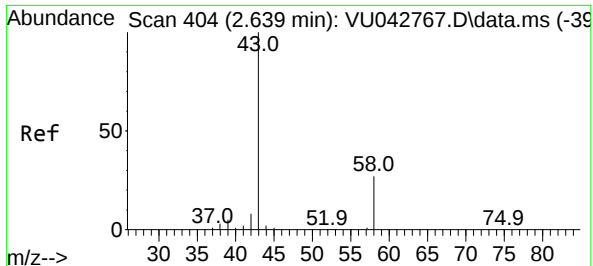
Tgt Ion:168 Resp: 103628
Ion Ratio Lower Upper
168 100
99 57.6 46.4 69.6



#11
Tert butyl alcohol
Concen: 1.46 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.022 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 59 Resp: 514
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

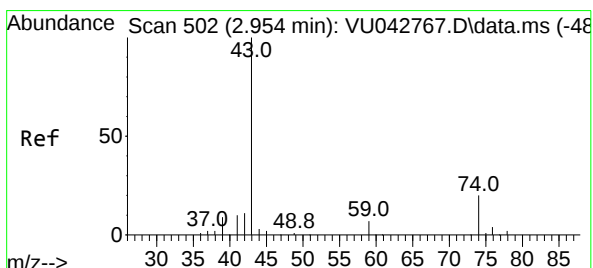
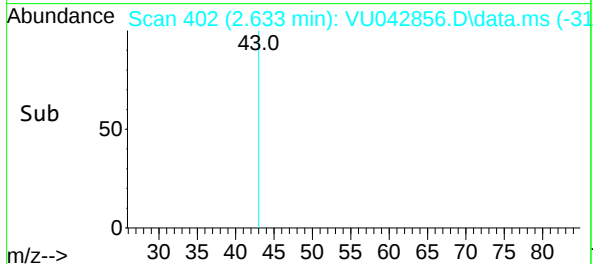
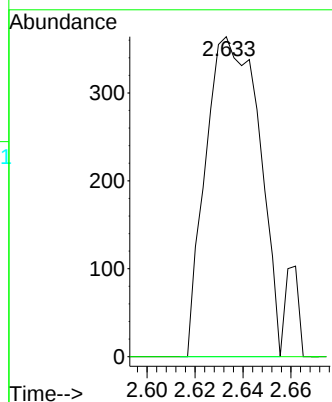
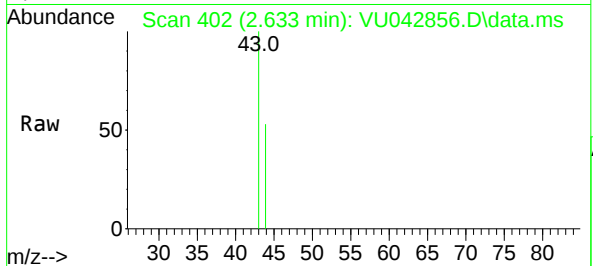




#16
Acetone
Concen: Below Cal
RT: 2.633 min Scan# 402
Delta R.T. -0.006 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

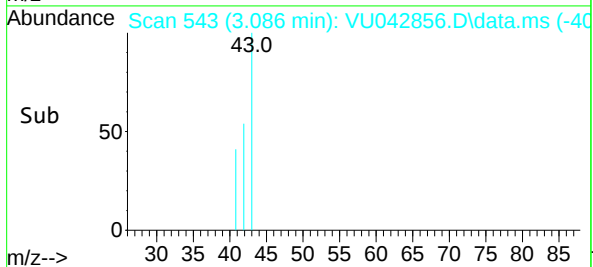
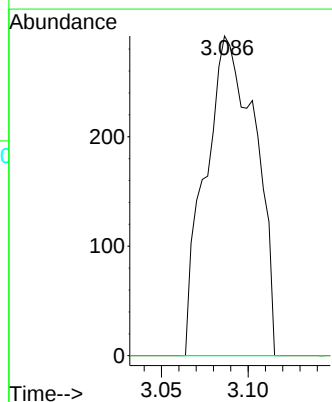
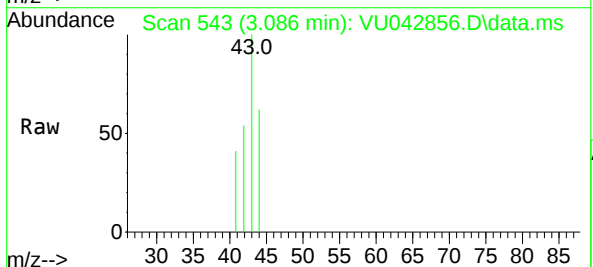
Instrument :
MSVOA_U
ClientSampleId :
B7-10-12

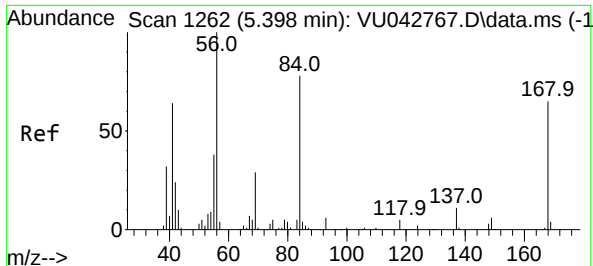
Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 3.086 min Scan# 543
Delta R.T. 0.132 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

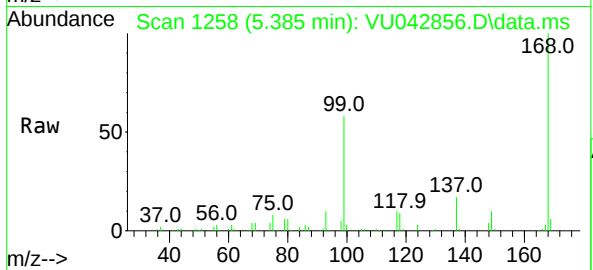
Tgt Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
74 0.0 16.2 24.4#



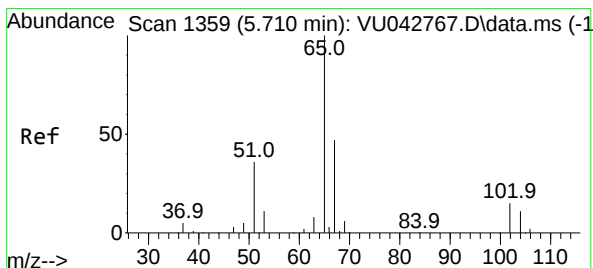
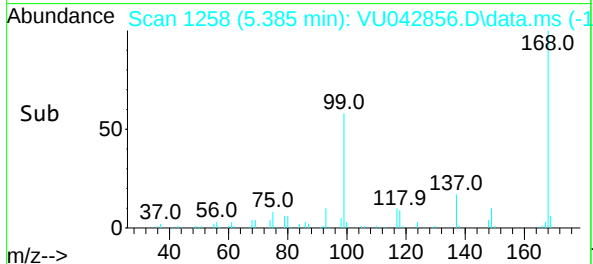
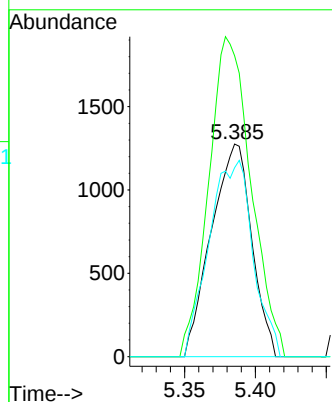


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

Instrument :
MSVOA_U
ClientSampled :
B7-10-12

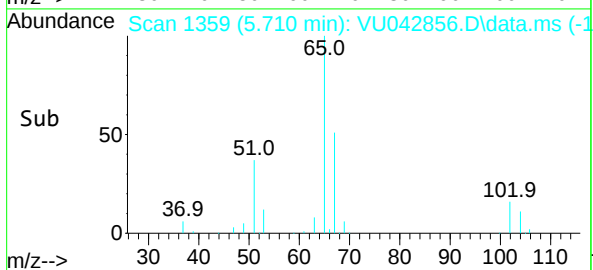
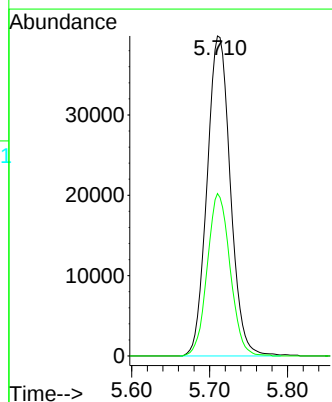
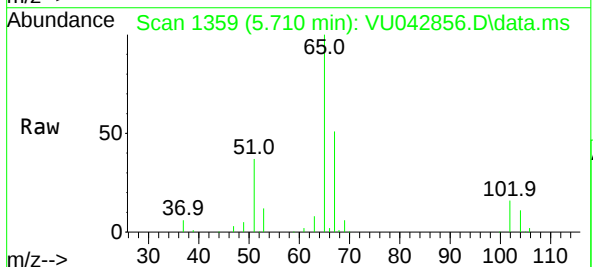


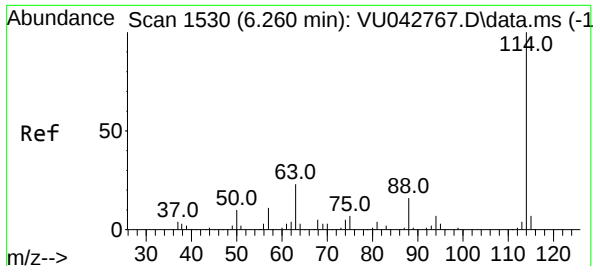
Tgt Ion: 56 Resp: 2528
Ion Ratio Lower Upper
56 100
69 141.5 23.3 34.9#
84 88.9 62.2 93.4



#33
1,2-Dichloroethane-d4
Concen: 50.19 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 65 Resp: 82913
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.257 min Scan# 1529

Delta R.T. -0.003 min

Lab File: VU042856.D

Acq: 31 Mar 2021 14:45

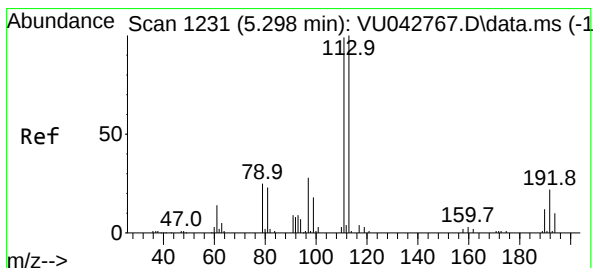
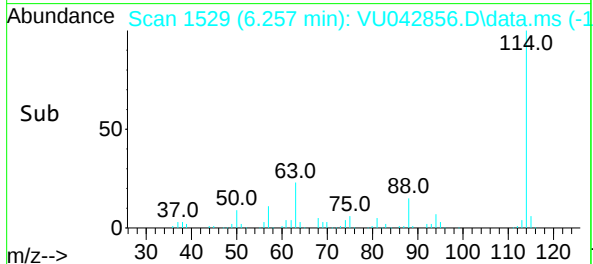
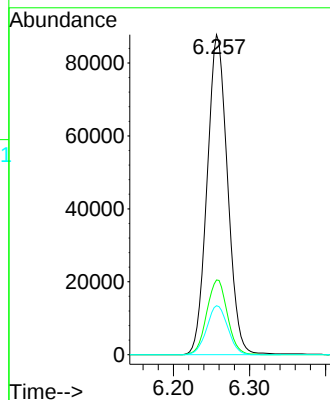
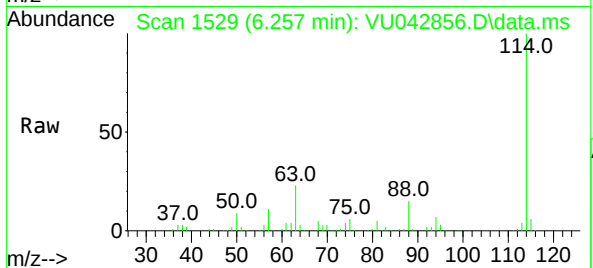
Tgt Ion:114 Resp: 163642

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.8

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.71 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU042856.D

Acq: 31 Mar 2021 14:45

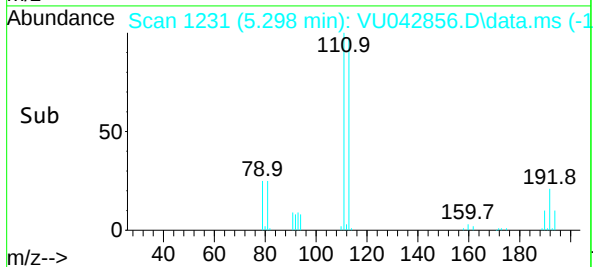
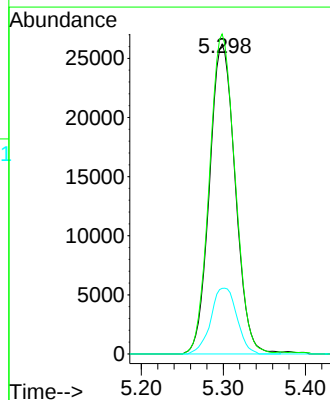
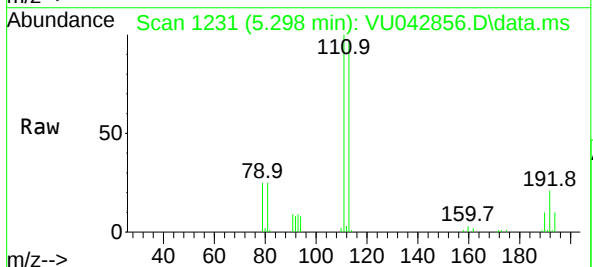
Tgt Ion:113 Resp: 57049

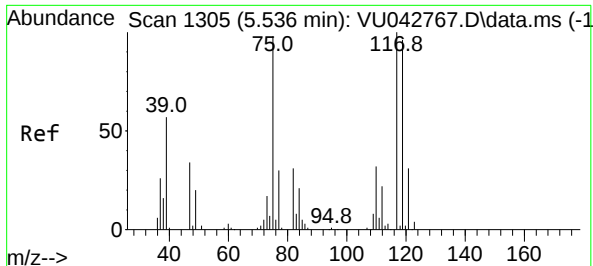
Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

192 21.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.11 ug/l

RT: 5.382 min Scan# 1257

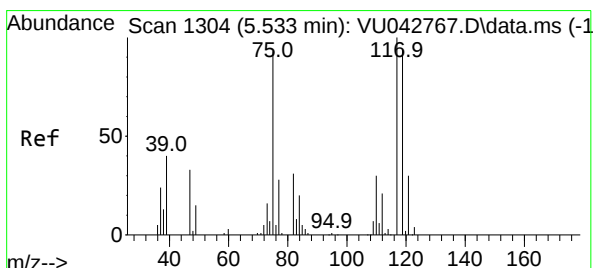
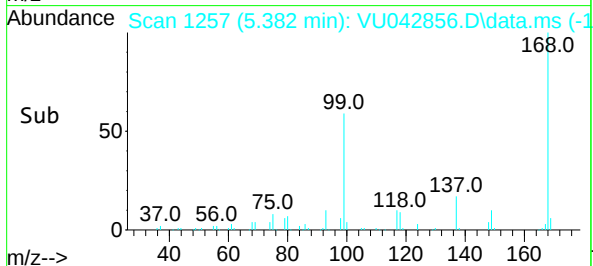
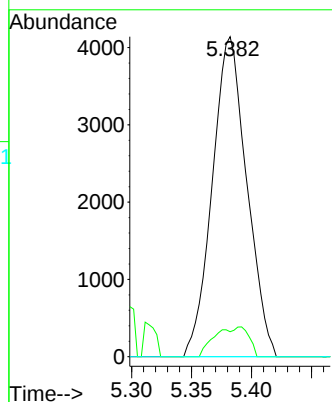
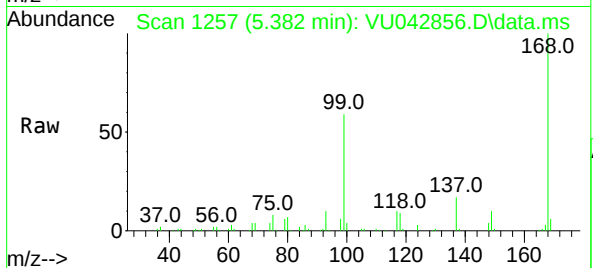
Delta R.T. -0.154 min

Lab File: VU042856.D

Acq: 31 Mar 2021 14:45

Tgt Ion:	75	Resp:	8271
Ion	Ratio	Lower	Upper
75	100		
110	4.9	16.6	49.7#
77	0.0	24.7	37.1#

Instrument :
MSVOA_U
ClientSampled :
B7-10-12



#38

Carbon Tetrachloride

Concen: 5.87 ug/l

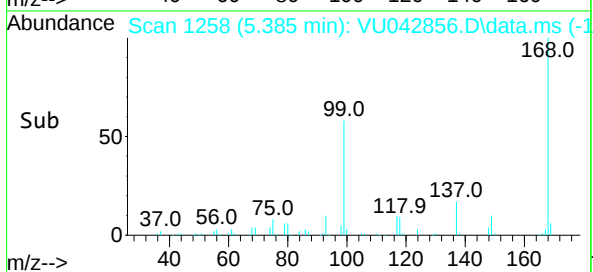
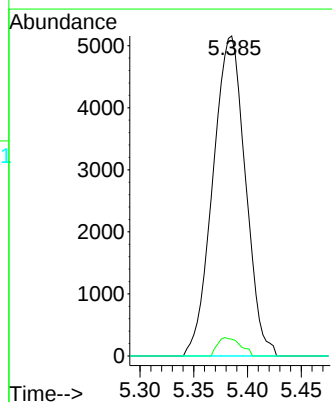
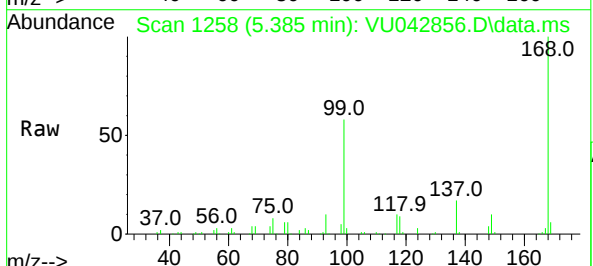
RT: 5.385 min Scan# 1258

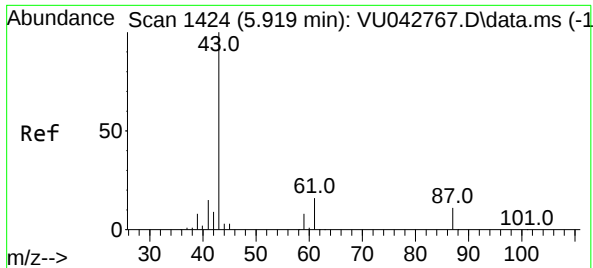
Delta R.T. -0.148 min

Lab File: VU042856.D

Acq: 31 Mar 2021 14:45

Tgt Ion:	117	Resp:	10839
Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.2	112.8#
121	0.0	24.2	36.4#

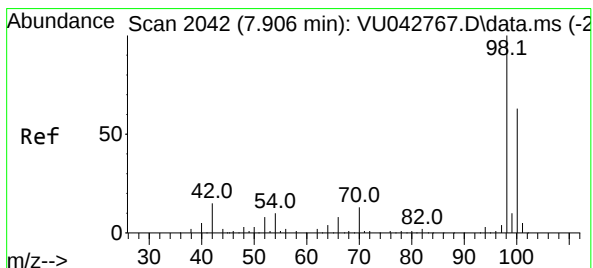
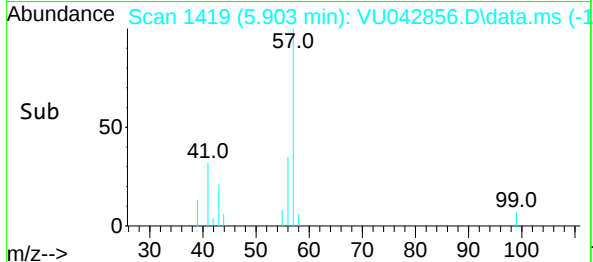
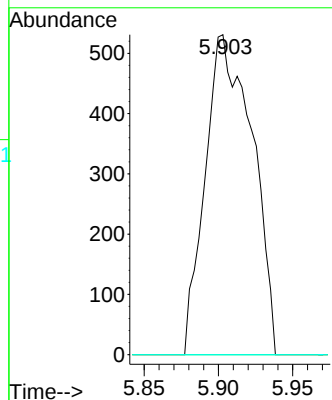
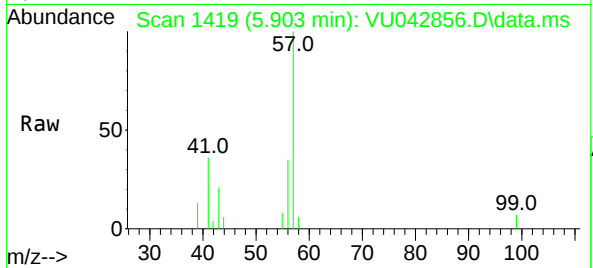




#43
Isopropyl Acetate
Concen: 0.31 ug/l
RT: 5.903 min Scan# 1419
Delta R.T. -0.016 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

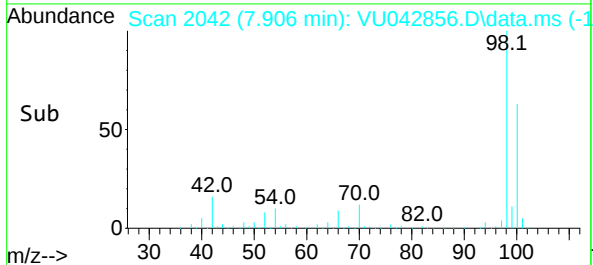
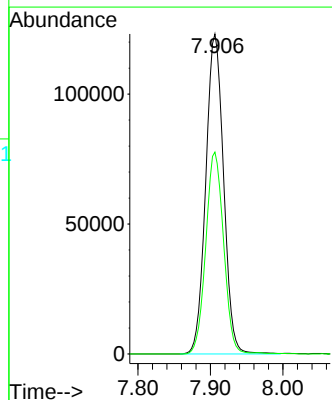
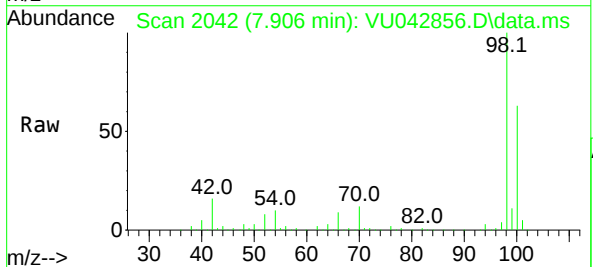
Instrument :
MSVOA_U
ClientSampled :
B7-10-12

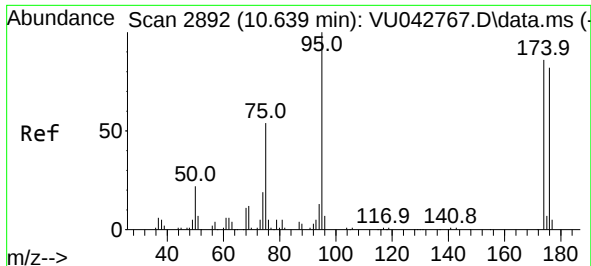
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
61 0.0 13.4 20.0#
87 0.0 8.7 13.1#



#50
Toluene-d8
Concen: 48.89 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 98 Resp: 210056
Ion Ratio Lower Upper
98 100
100 62.9 50.4 75.6

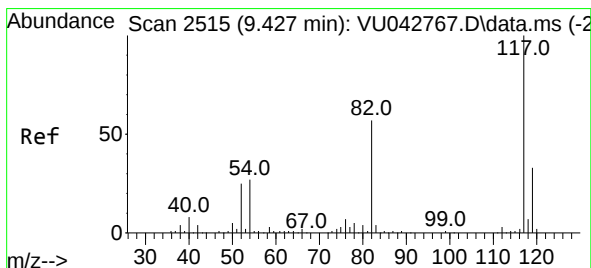
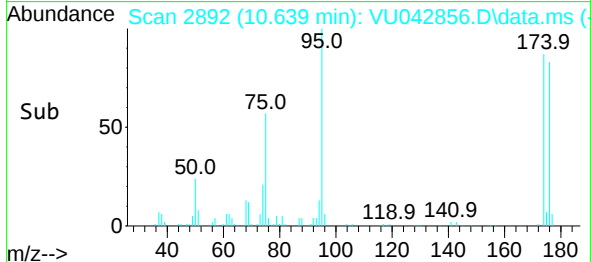
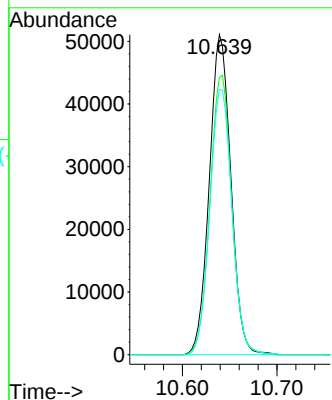
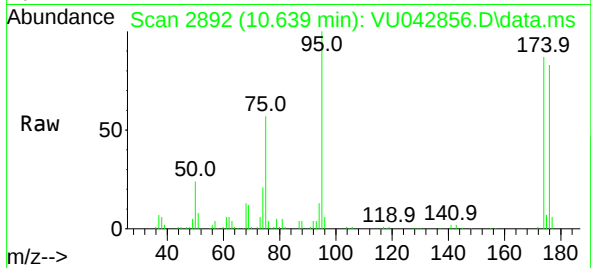




#62
4-Bromofluorobenzene
Concen: 48.54 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

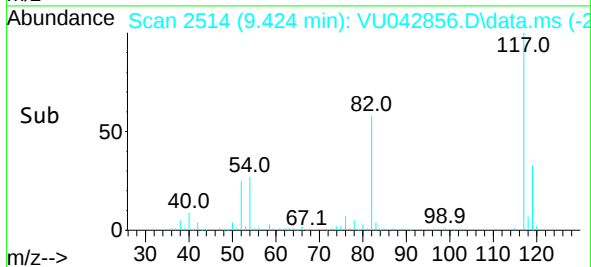
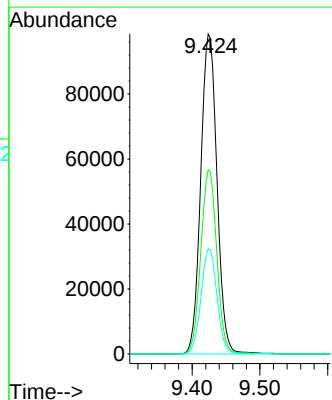
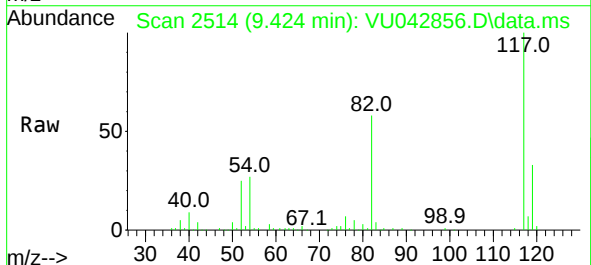
Instrument :
MSVOA_U
ClientSampleId :
B7-10-12

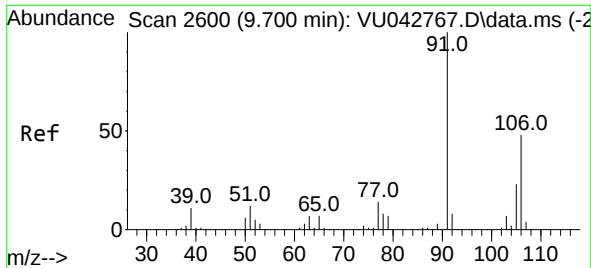
Tgt Ion: 95 Resp: 81044
Ion Ratio Lower Upper
95 100
174 88.1 0.0 175.2
176 85.4 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 117 Resp: 163988
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 32.9 26.2 39.4

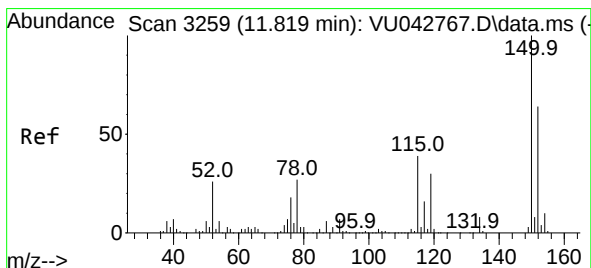
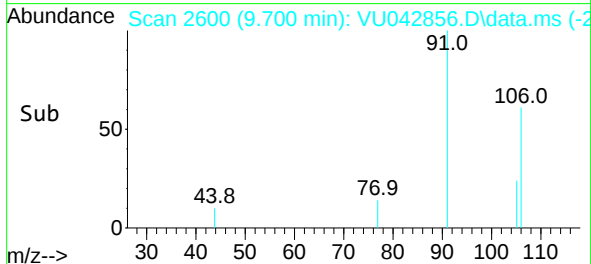
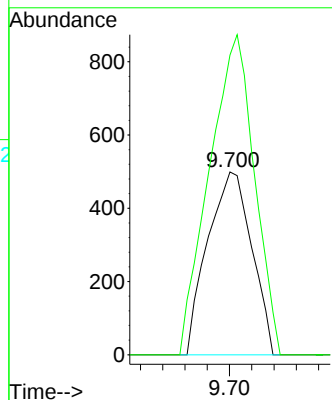
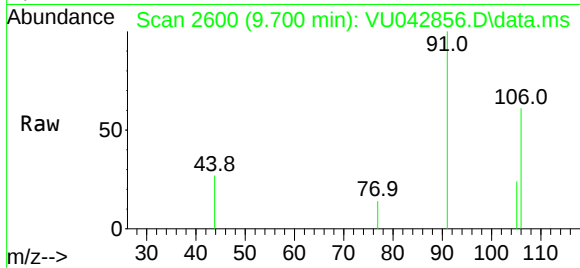




#68
m/p-Xylenes
Concen: 0.31 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

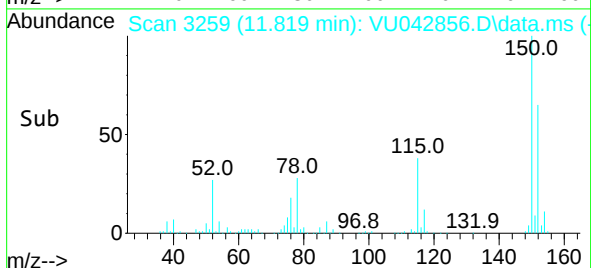
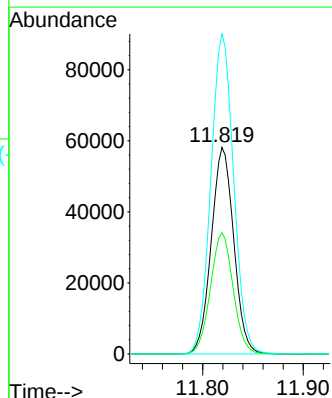
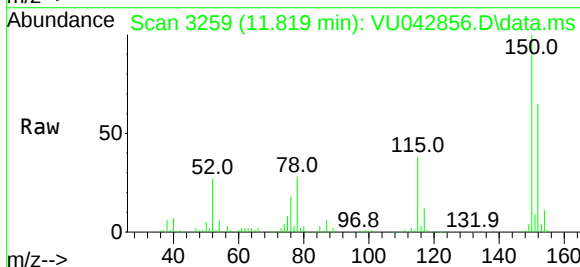
Instrument :
MSVOA_U
ClientSampleId :
B7-10-12

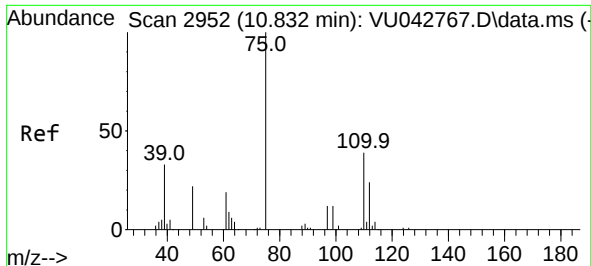
Tgt Ion:106 Resp: 685
Ion Ratio Lower Upper
106 100
91 179.6 168.3 252.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

Tgt Ion:152 Resp: 90324
Ion Ratio Lower Upper
152 100
115 59.1 41.0 123.0
150 156.8 0.0 341.0

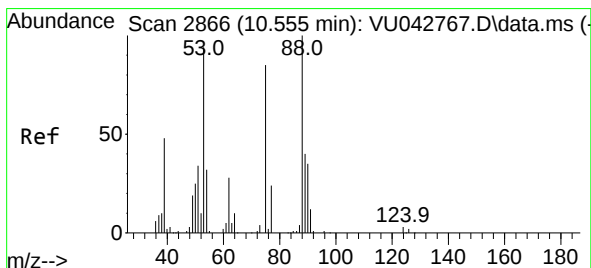
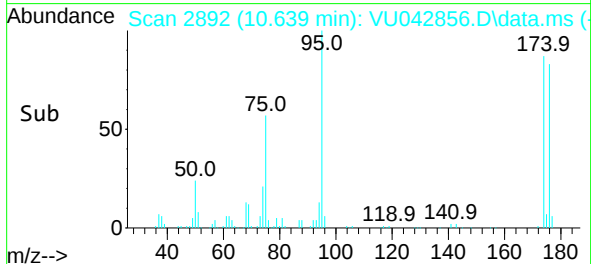
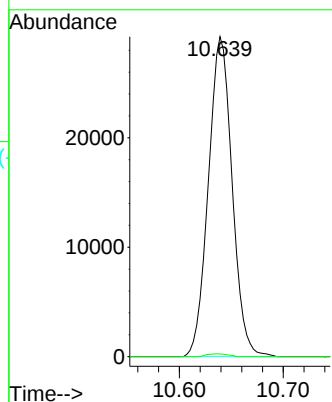
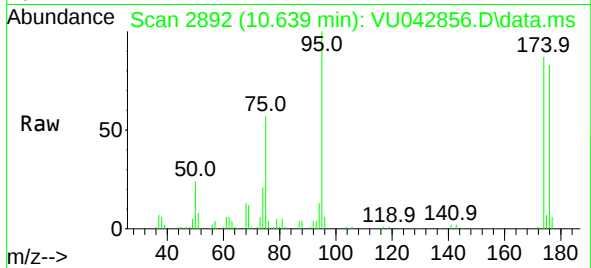




#76
1,2,3-Trichloropropane
Concen: 20.24 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

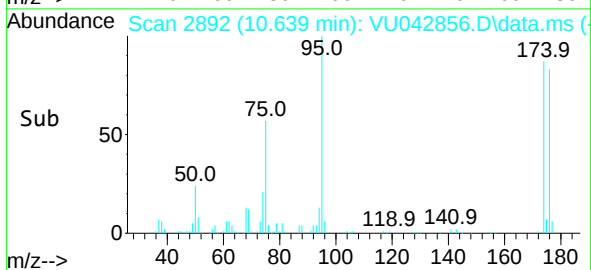
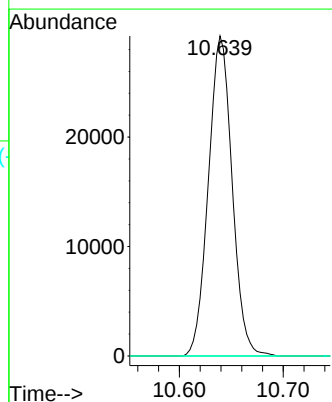
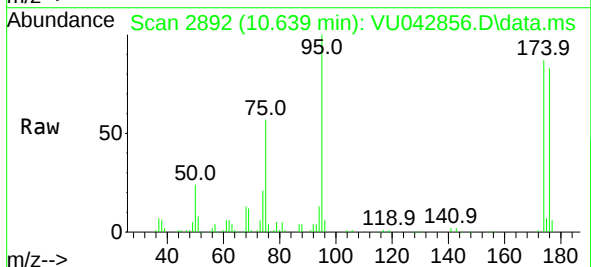
Instrument :
MSVOA_U
ClientSampled :
B7-10-12

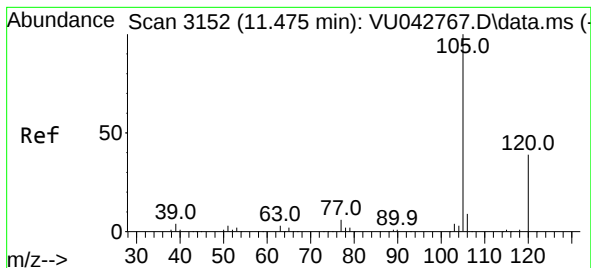
Tgt Ion: 75 Resp: 46485
Ion Ratio Lower Upper
75 100
77 0.8 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.96 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042856.D
Acq: 31 Mar 2021 14:45

Tgt Ion: 75 Resp: 46485
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.53 ug/l

RT: 11.475 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VU042856.D

Acq: 31 Mar 2021 14:45

Tgt Ion:105 Resp: 2654

Ion Ratio Lower Upper

105 100

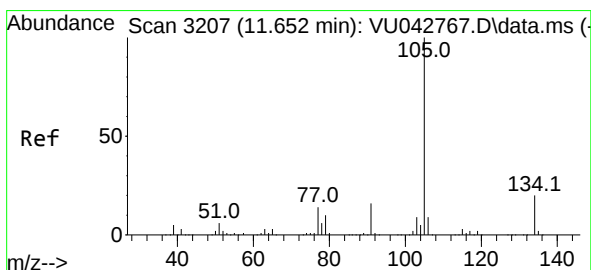
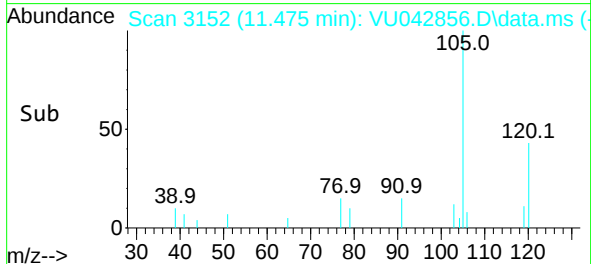
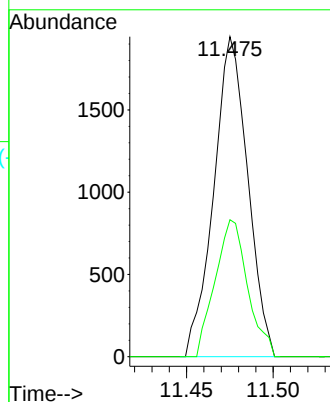
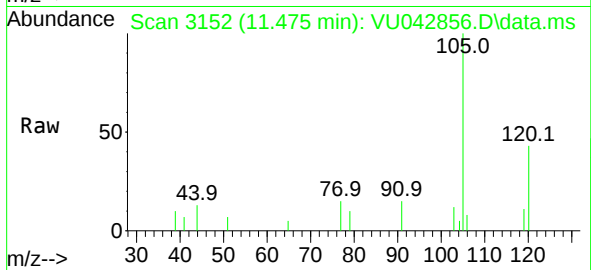
120 41.0 22.3 66.8

Instrument :

MSVOA_U

ClientSampleId :

B7-10-12



#85

sec-Butylbenzene

Concen: 0.47 ug/l

RT: 11.475 min Scan# 3152

Delta R.T. -0.177 min

Lab File: VU042856.D

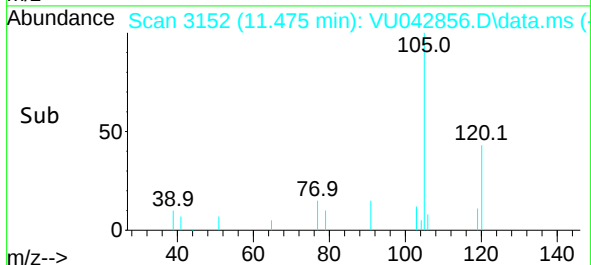
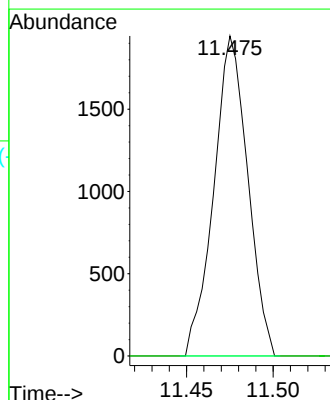
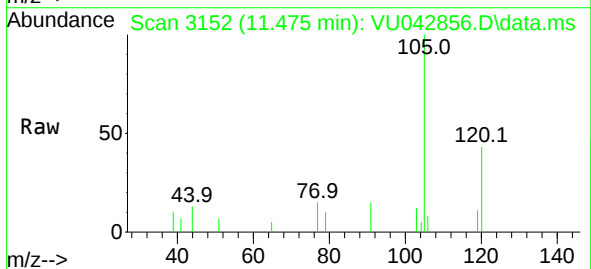
Acq: 31 Mar 2021 14:45

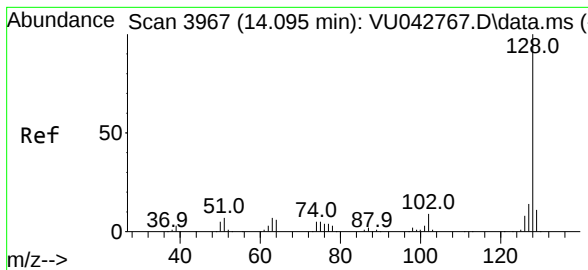
Tgt Ion:105 Resp: 2654

Ion Ratio Lower Upper

105 100

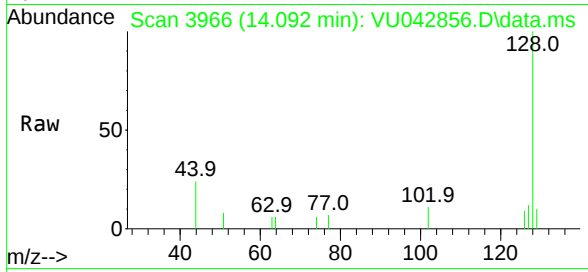
134 0.0 9.8 29.5#





#95
 Naphthalene
 Concen: 3.04 ug/l
 RT: 14.092 min Scan# 3966
 Delta R.T. -0.003 min
 Lab File: VU042856.D
 Acq: 31 Mar 2021 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 B7-10-12



Tgt Ion:	128	Resp:	3001
Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.9	16.3#
129	5.7	8.7	13.1#

