

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042902.D
 Acq On : 02 Apr 2021 17:46
 Operator : SY/MD
 Sample : M1903-03 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 30792

Quant Time: Apr 03 00:14:11 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)

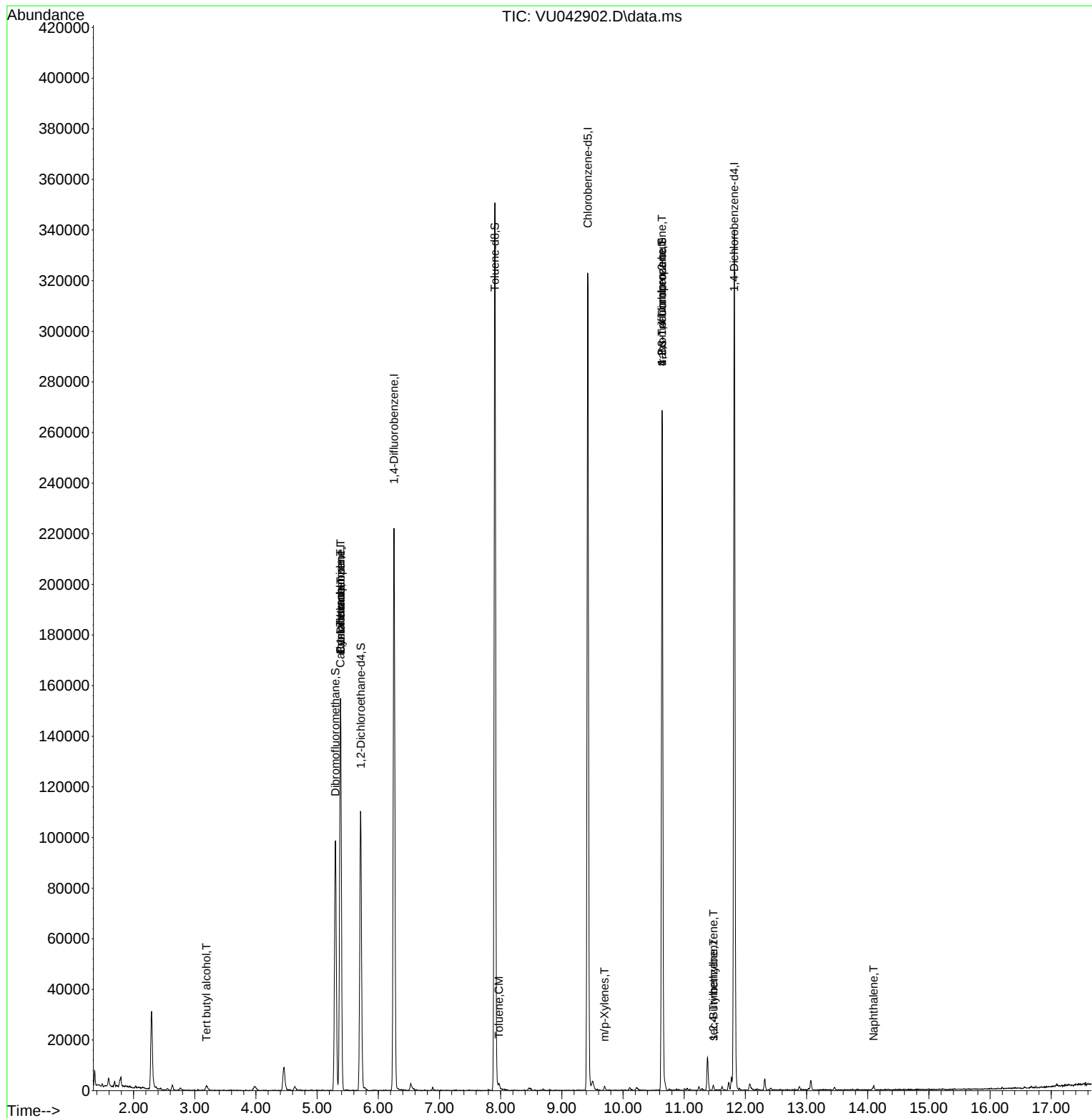
Internal Standards						
1) Pentafluorobenzene	5.382	168	106262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	166642	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	165043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	83912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	84446	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
35) Dibromofluoromethane	5.298	113	59013	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	7.906	98	215651	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	10.639	95	77994	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds					Qvalue	
6) Chloroethane	1.938	64	39	Below Cal	#	43
11) Tert butyl alcohol	3.189	59	2041	5.64 ug/l	#	74
16) Acetone	2.636	43	2528	Below Cal		91
31) Cyclohexane	5.382	56	2703	1.28 ug/l	#	12
36) 1,1-Dichloropropene	5.382	75	8428	5.11 ug/l	#	51
38) Carbon Tetrachloride	5.378	117	10088	5.36 ug/l	#	16
52) Toluene	7.973	92	699	0.23 ug/l		95
68) m/p-Xylenes	9.697	106	450	0.20 ug/l	#	37
76) 1,2,3-Trichloropropane	10.639	75	45529	21.34 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	10.639	75	45529	63.21 ug/l	#	6
84) 1,2,4-Trimethylbenzene	11.478	105	1369	0.29 ug/l		92
85) sec-Butylbenzene	11.478	105	1369	0.26 ug/l	#	57
95) Naphthalene	14.098	128	1957	2.90 ug/l	#	88

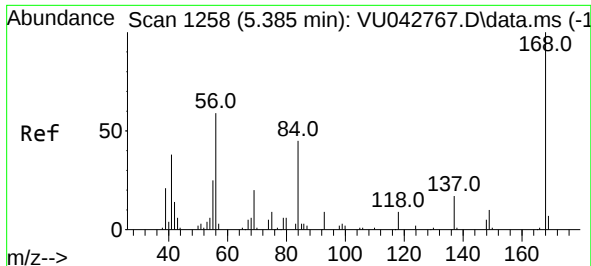
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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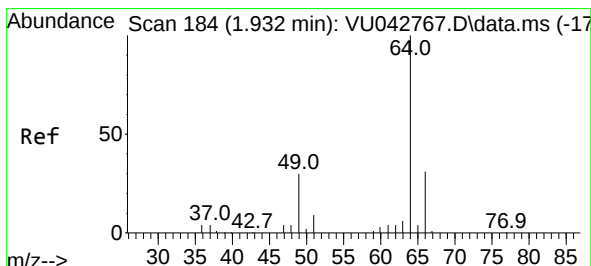
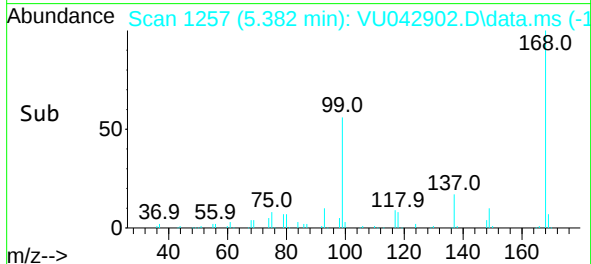
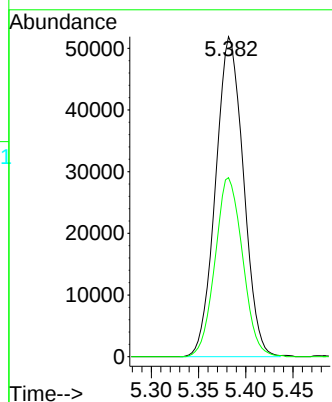
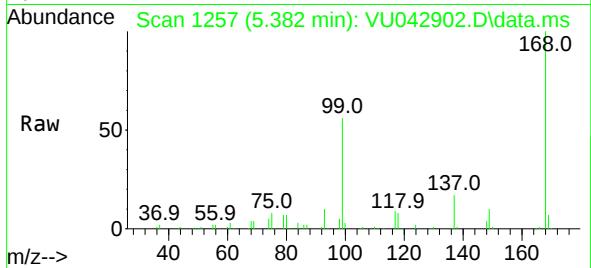




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

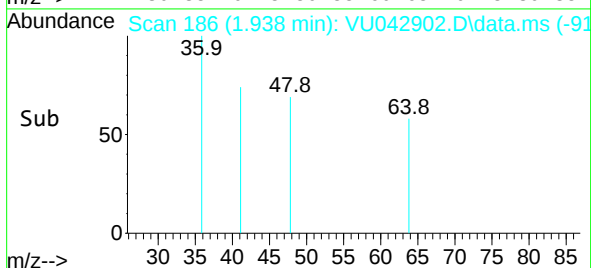
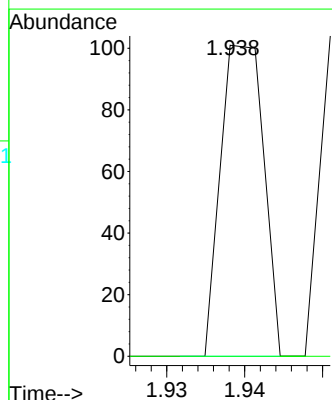
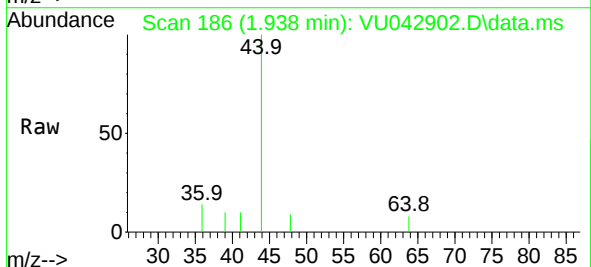
Instrument :
MSVOA_U
ClientSampleId :
30792

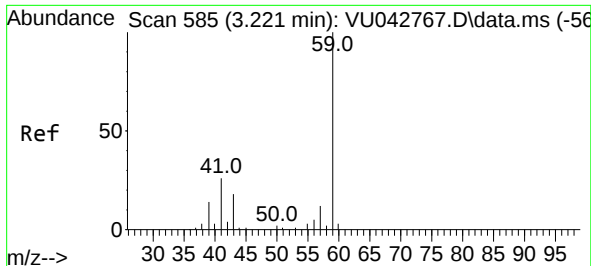
Tgt Ion:168 Resp: 106262
Ion Ratio Lower Upper
168 100
99 56.0 46.4 69.6



#6
Chloroethane
Concen: Below Cal
RT: 1.938 min Scan# 186
Delta R.T. 0.006 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

Tgt Ion: 64 Resp: 39
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#

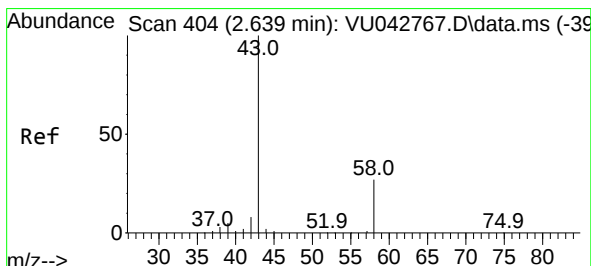
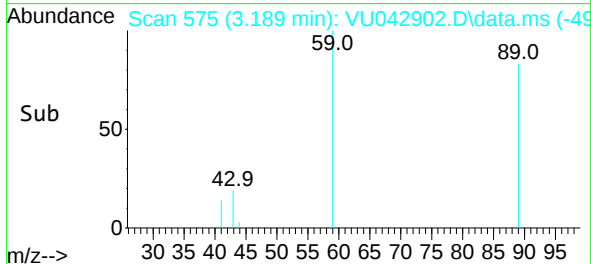
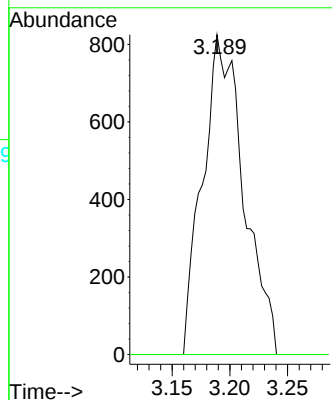
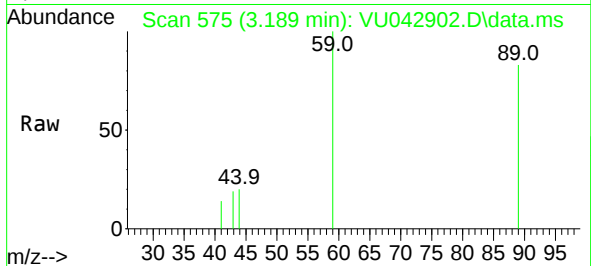




#11
Tert butyl alcohol
Concen: 5.64 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.032 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

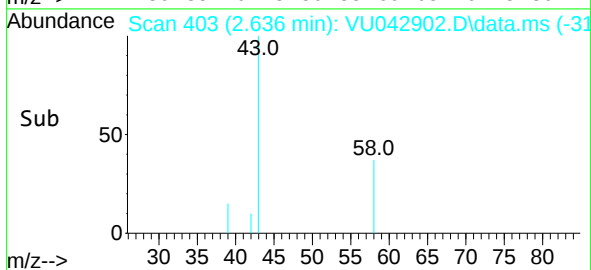
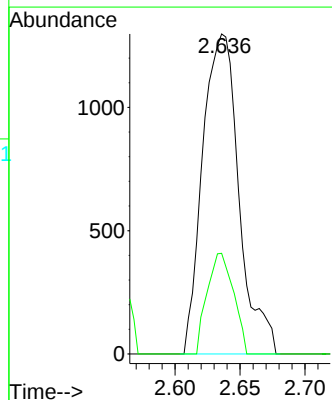
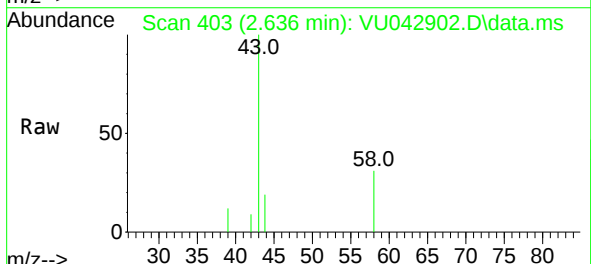
Instrument :
MSVOA_U
ClientSampleId :
30792

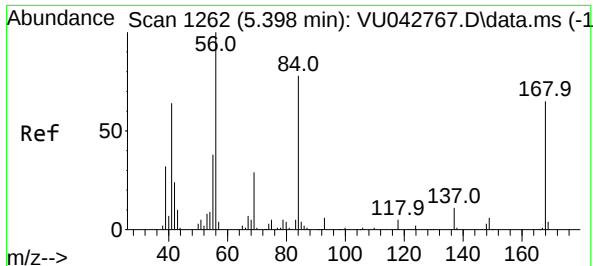
Tgt Ion: 59 Resp: 2041
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: Below Cal
RT: 2.636 min Scan# 403
Delta R.T. -0.003 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

Tgt Ion: 43 Resp: 2528
Ion Ratio Lower Upper
43 100
58 31.4 21.6 32.4





#31

Cyclohexane

Concen: 1.28 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.016 min

Lab File: VU042902.D

Acq: 02 Apr 2021 17:46

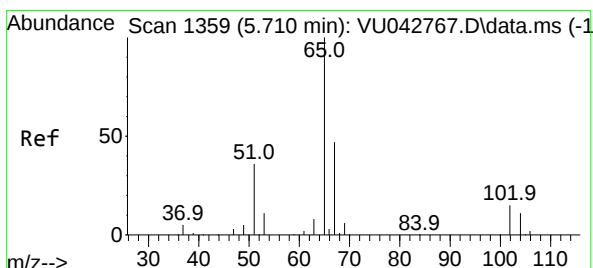
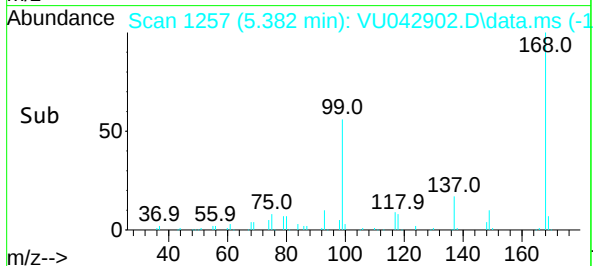
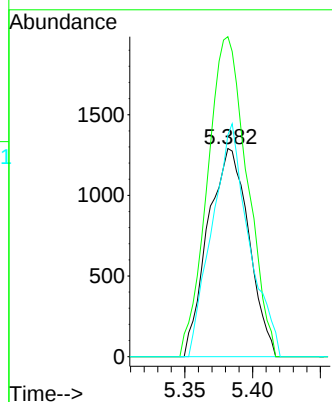
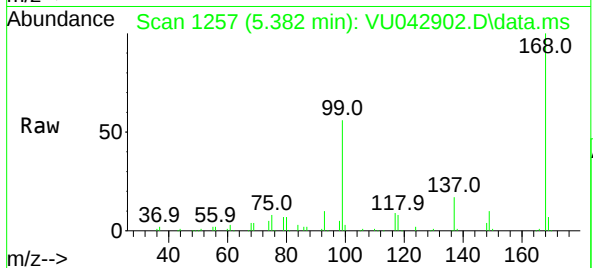
Tgt Ion: 56 Resp: 2703

Ion Ratio Lower Upper

56 100

69 153.8 23.3 34.9#

84 106.6 62.2 93.4#



#33

1,2-Dichloroethane-d4

Concen: 49.85 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU042902.D

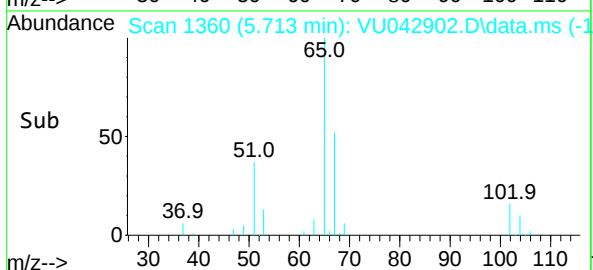
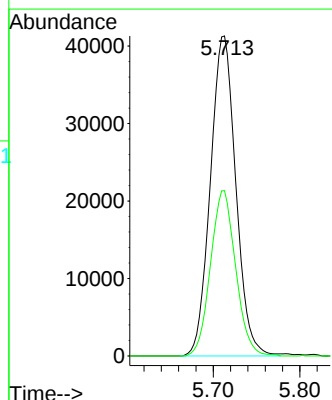
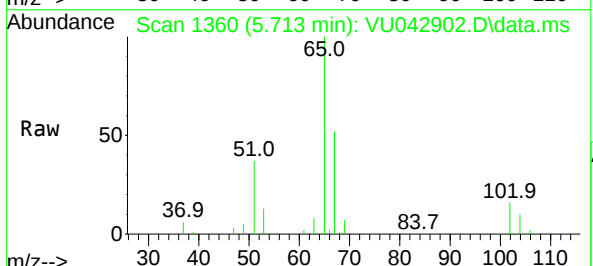
Acq: 02 Apr 2021 17:46

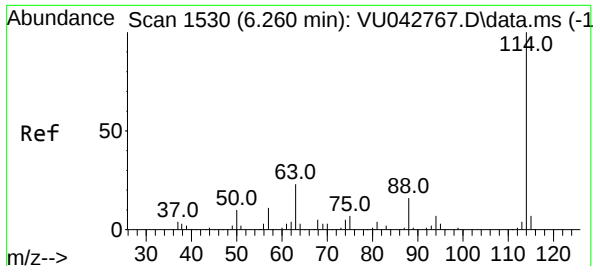
Tgt Ion: 65 Resp: 84446

Ion Ratio Lower Upper

65 100

67 50.9 0.0 98.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.004 min

Lab File: VU042902.D

Acq: 02 Apr 2021 17:46

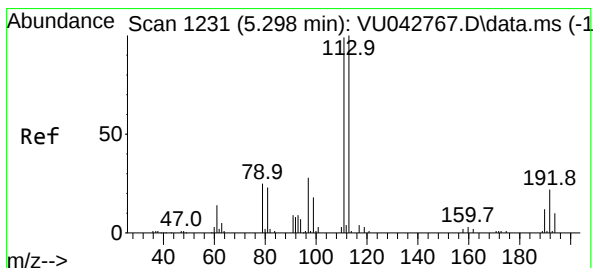
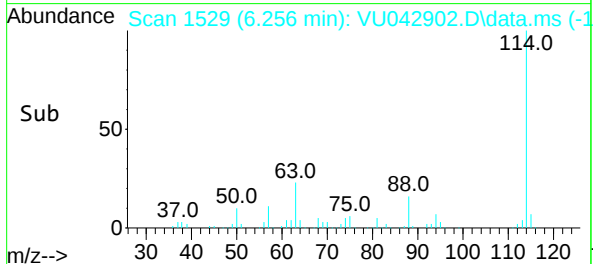
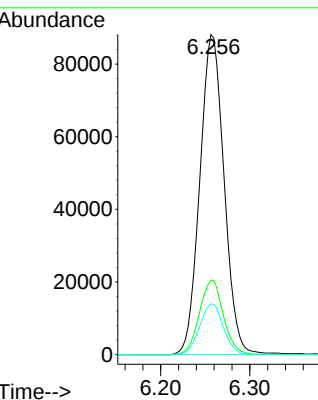
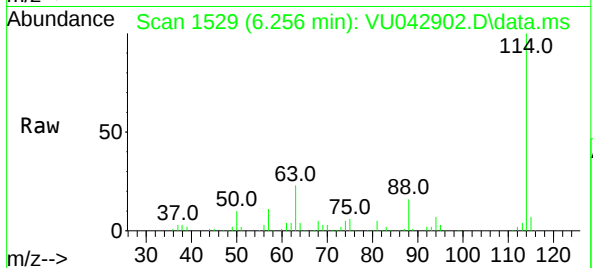
Tgt Ion:114 Resp: 166642

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.8

88 15.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.45 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU042902.D

Acq: 02 Apr 2021 17:46

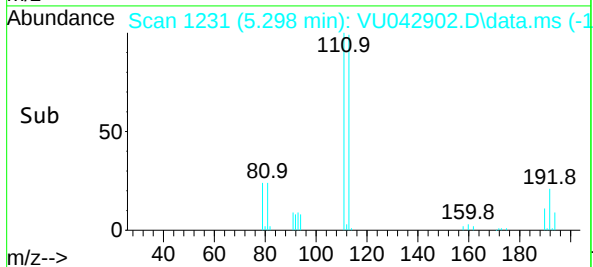
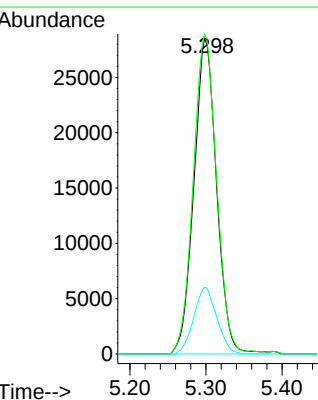
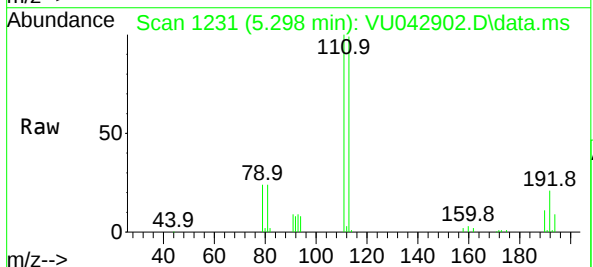
Tgt Ion:113 Resp: 59013

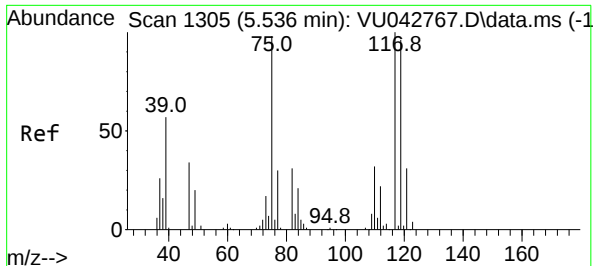
Ion Ratio Lower Upper

113 100

111 103.8 82.1 123.1

192 21.4 17.6 26.4

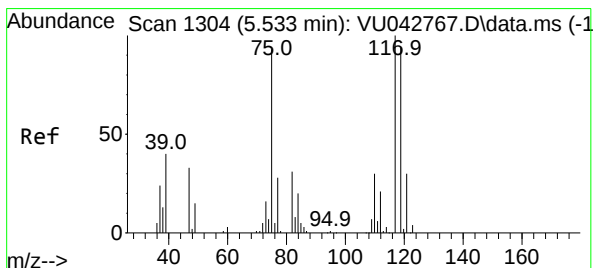
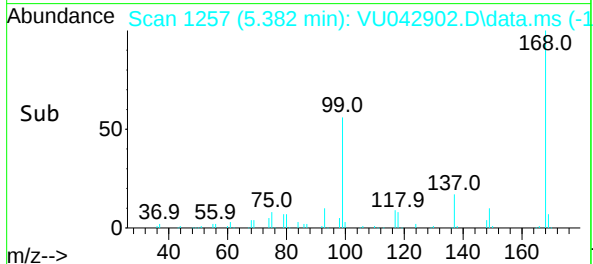
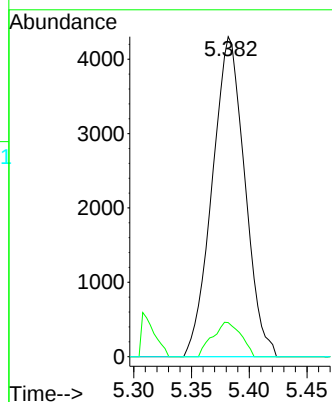
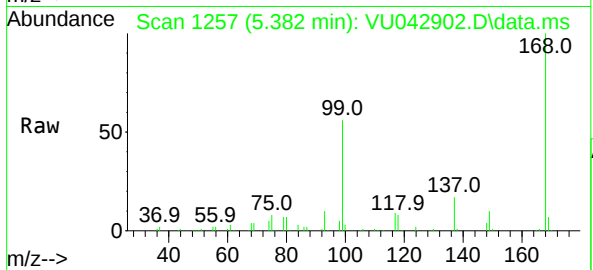




#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

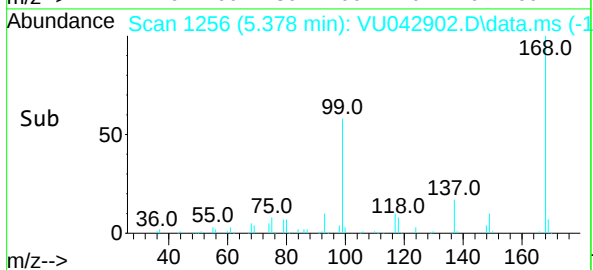
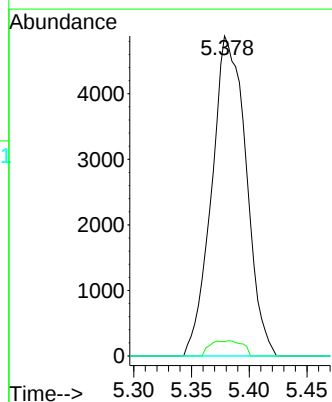
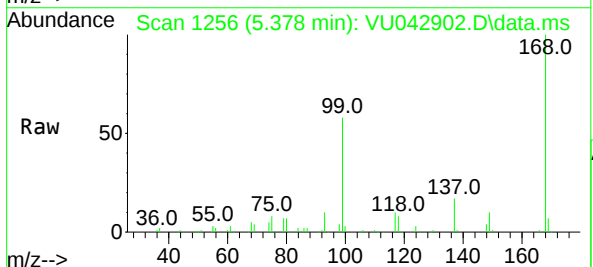
Instrument :
MSVOA_U
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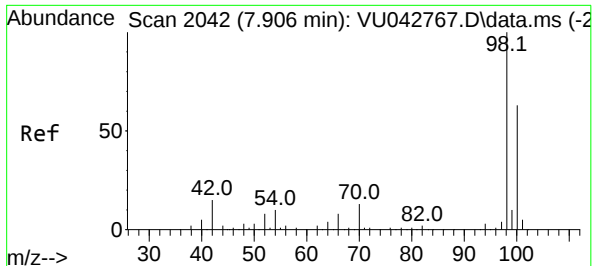
Tgt Ion: 75 Resp: 8428
Ion Ratio Lower Upper
75 100
110 9.4 16.6 49.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

Tgt Ion: 117 Resp: 10088
Ion Ratio Lower Upper
117 100
119 4.4 75.2 112.8#
121 0.0 24.2 36.4#

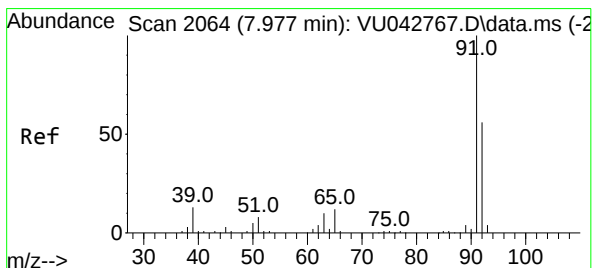
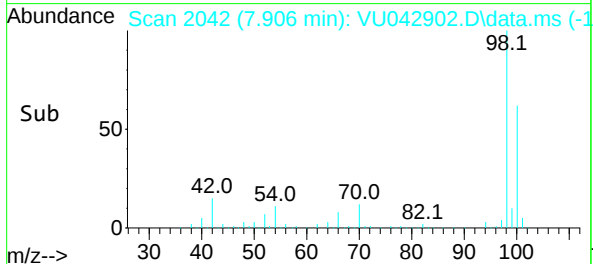
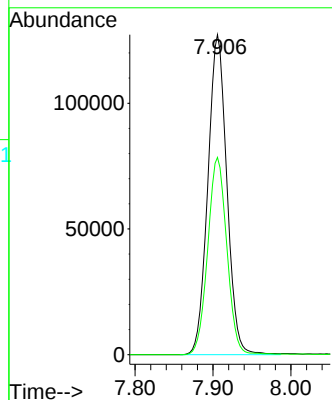
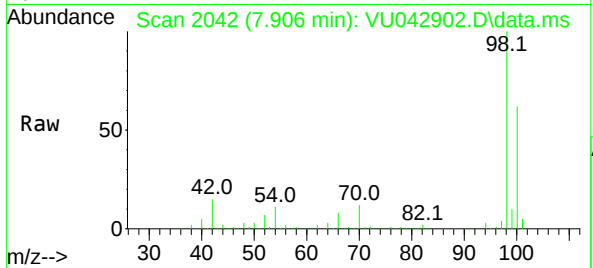




#50
Toluene-d8
Concen: 49.29 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

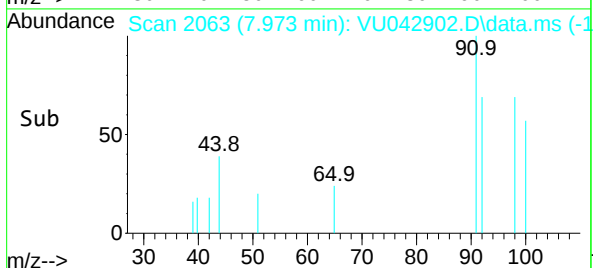
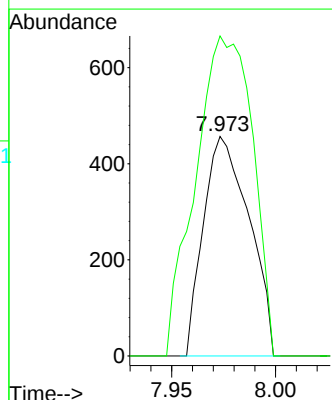
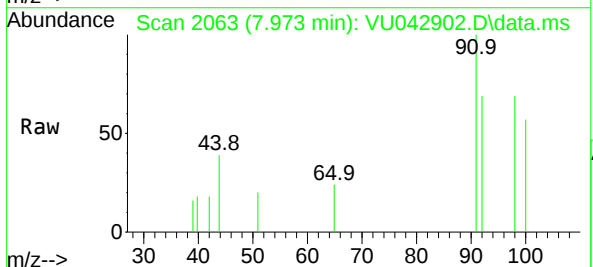
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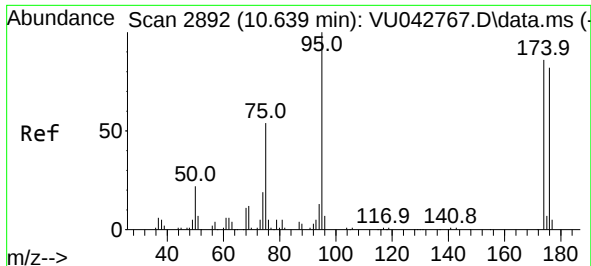
Tgt Ion: 98 Resp: 215651
Ion Ratio Lower Upper
98 100
100 62.1 50.4 75.6



#52
Toluene
Concen: 0.23 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

Tgt Ion: 92 Resp: 699
Ion Ratio Lower Upper
92 100
91 182.3 140.6 210.8

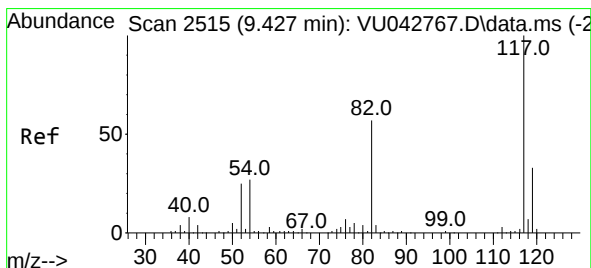
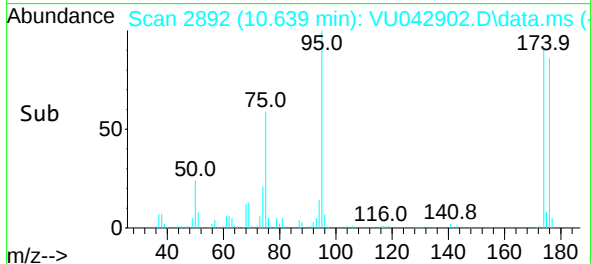
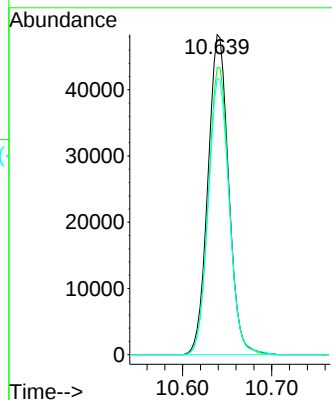
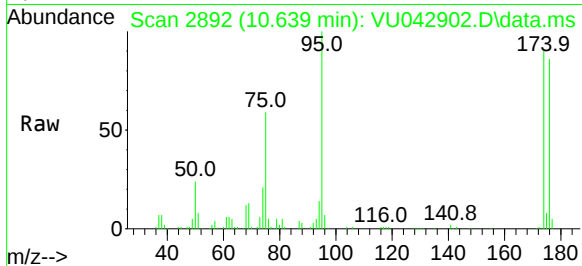




#62
4-Bromofluorobenzene
Concen: 45.87 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

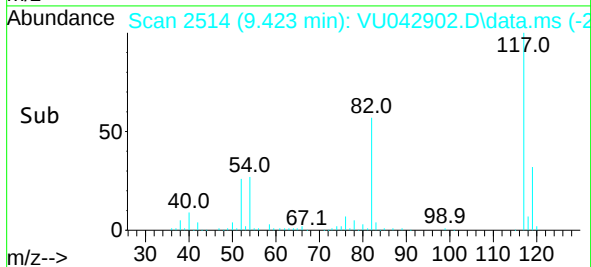
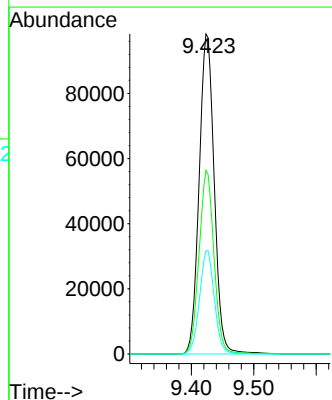
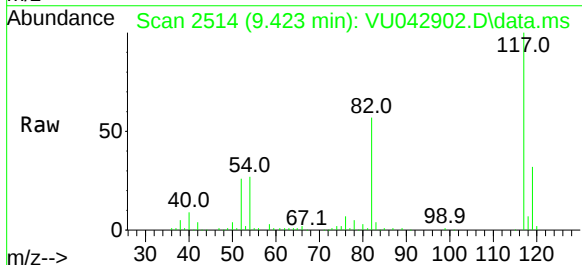
Instrument :
MSVOA_U
ClientSampleId :
30792

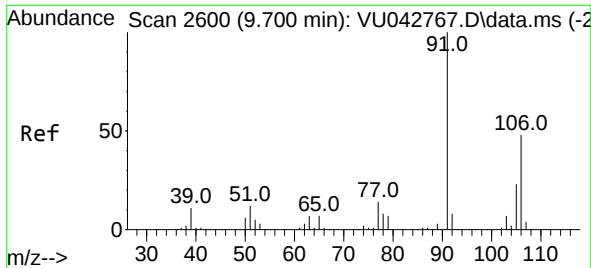
Tgt Ion: 95 Resp: 77994
Ion Ratio Lower Upper
95 100
174 90.5 0.0 175.2
176 87.4 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

Tgt Ion: 117 Resp: 165043
Ion Ratio Lower Upper
117 100
82 57.3 45.5 68.3
119 32.2 26.2 39.4

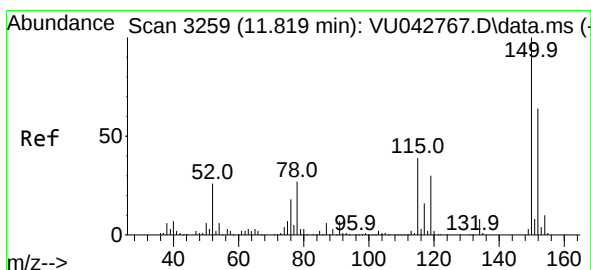
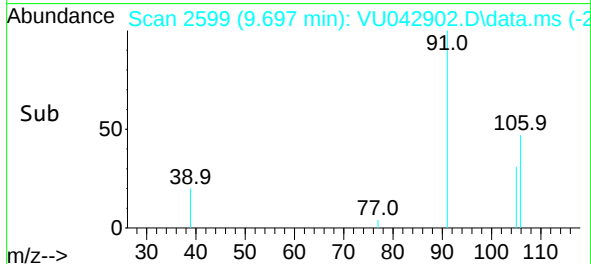
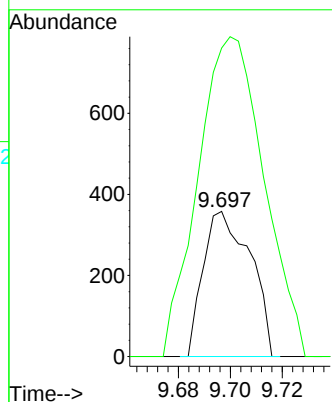
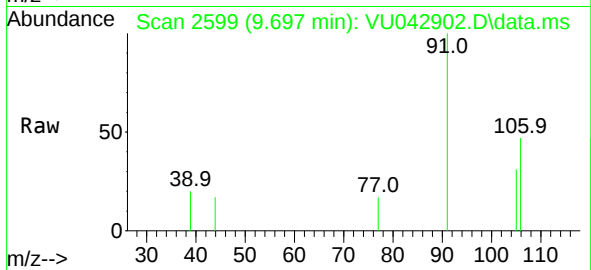




#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

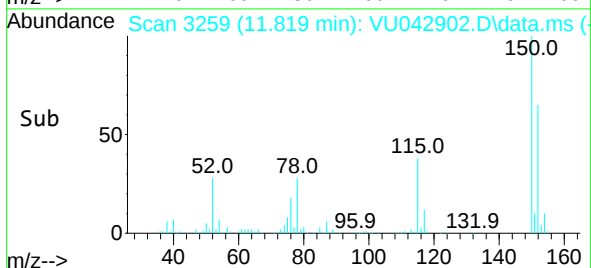
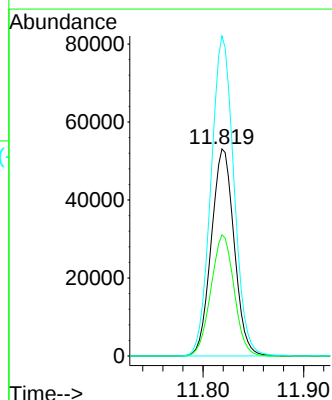
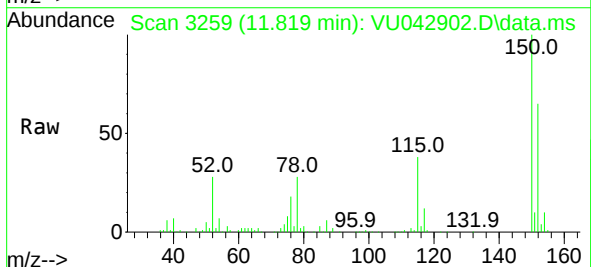
Instrument :
MSVOA_U
ClientSampled :
30792

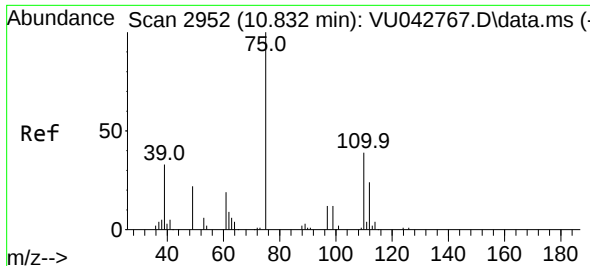
Tgt Ion:106 Resp: 450
Ion Ratio Lower Upper
106 100
91 308.7 168.3 252.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

Tgt Ion:152 Resp: 83912
Ion Ratio Lower Upper
152 100
115 59.2 41.0 123.0
150 155.3 0.0 341.0

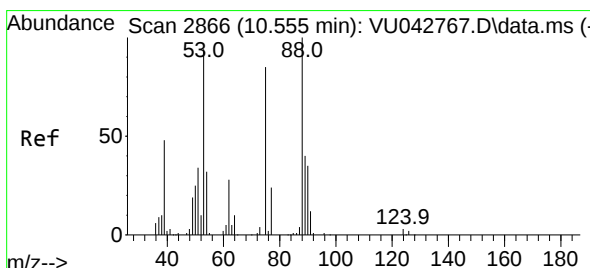
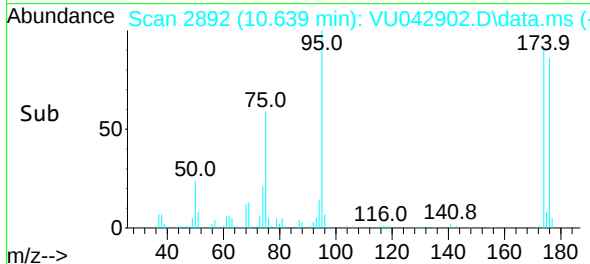
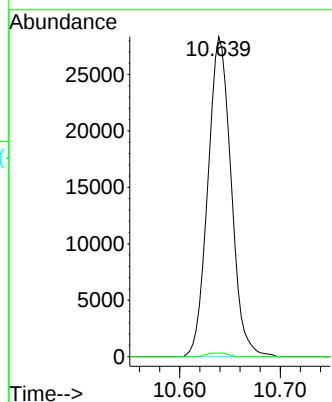
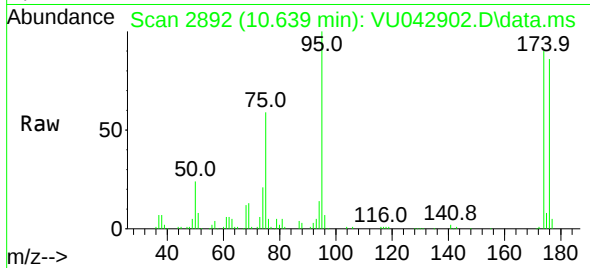




#76
1,2,3-Trichloropropane
Concen: 21.34 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

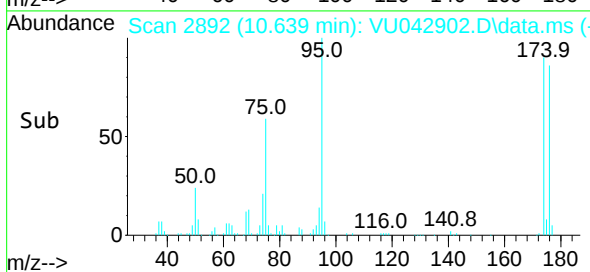
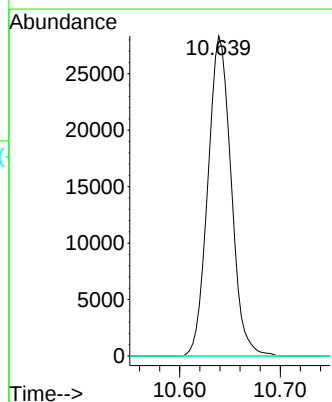
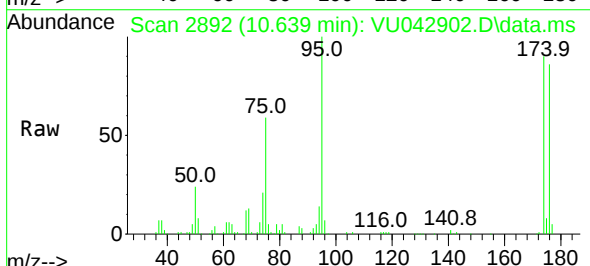
Instrument :
MSVOA_U
ClientSampled :
30792

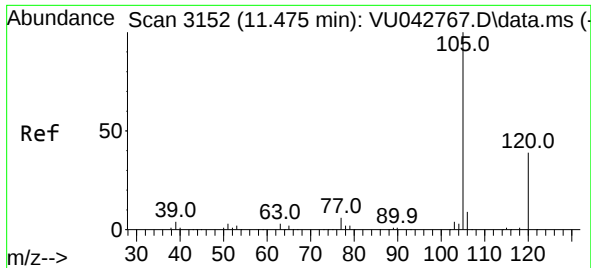
Tgt Ion: 75 Resp: 45529
Ion Ratio Lower Upper
75 100
77 1.0 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.21 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

Tgt Ion: 75 Resp: 45529
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#

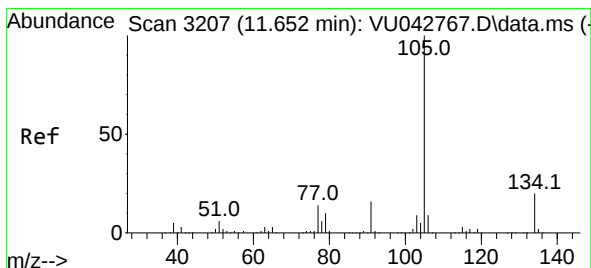
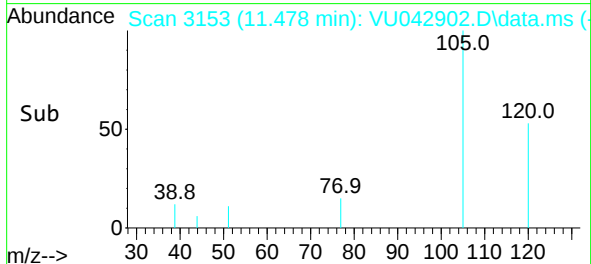
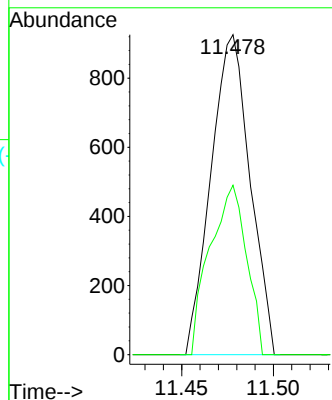
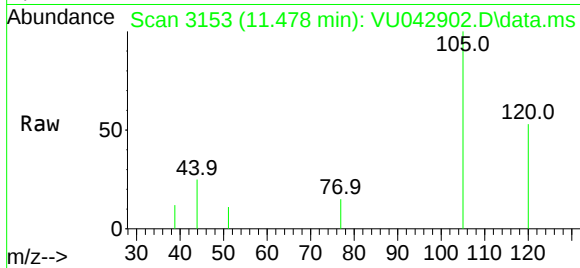




#84
1,2,4-Trimethylbenzene
Concen: 0.29 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

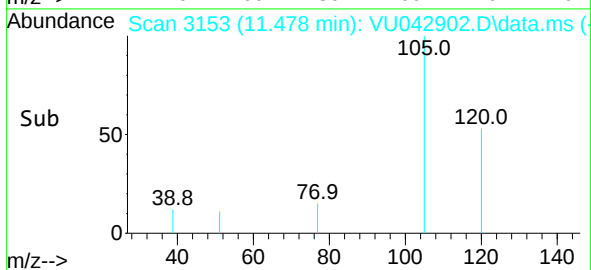
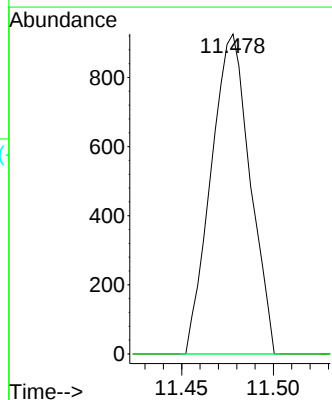
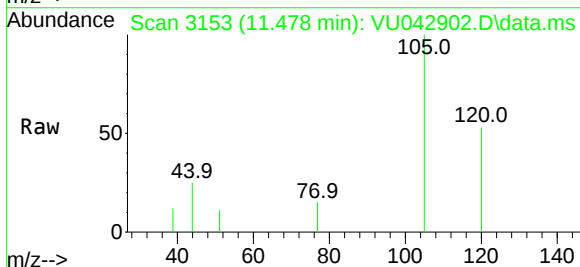
Instrument :
MSVOA_U
ClientSampled :
30792

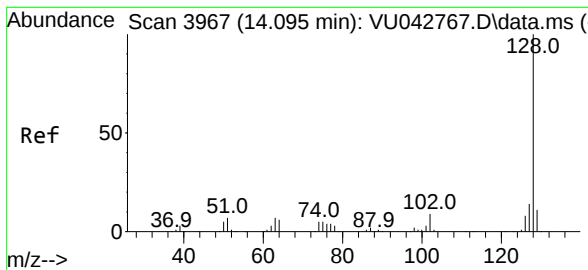
Tgt Ion:105 Resp: 1369
Ion Ratio Lower Upper
105 100
120 49.6 22.3 66.8



#85
sec-Butylbenzene
Concen: 0.26 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. -0.174 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

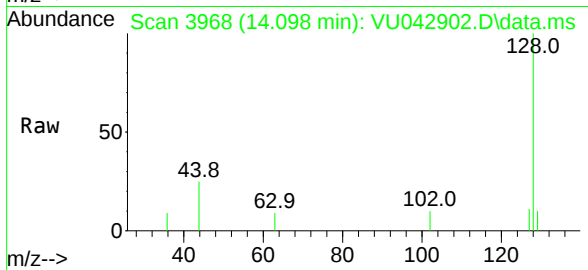
Tgt Ion:105 Resp: 1369
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.5#





#95
Naphthalene
Concen: 2.90 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042902.D
Acq: 02 Apr 2021 17:46

Instrument :
MSVOA_U
ClientSampleId :
30792



Tgt Ion:128 Resp: 1957
Ion Ratio Lower Upper
128 100
127 10.2 10.9 16.3#
129 4.6 8.7 13.1#

