

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035356.D
 Acq On : 6 Aug 2020 19:09
 Operator : SY/AP
 Sample : L3554-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1-UNDER-GROUND DL

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 10:43:24 AM

Quant Time: Aug 09 21:21:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 0
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1469462	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3592457	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	3397390	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2844196	10.04	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	47272	0.791	ppbv	# 76
13) Ethanol	3.56	45	1525642	74.005	ppbv	95
15) Acetone	3.81	43	471664	2.260	ppbv	97
19) Isopropyl Alcohol	3.93	45	1618611m	12.237	ppbv	
53) Toluene	9.82	91	453260	1.718	ppbv	98
59) m/p-Xylene	12.98	91	39061m	0.119	ppbv	

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

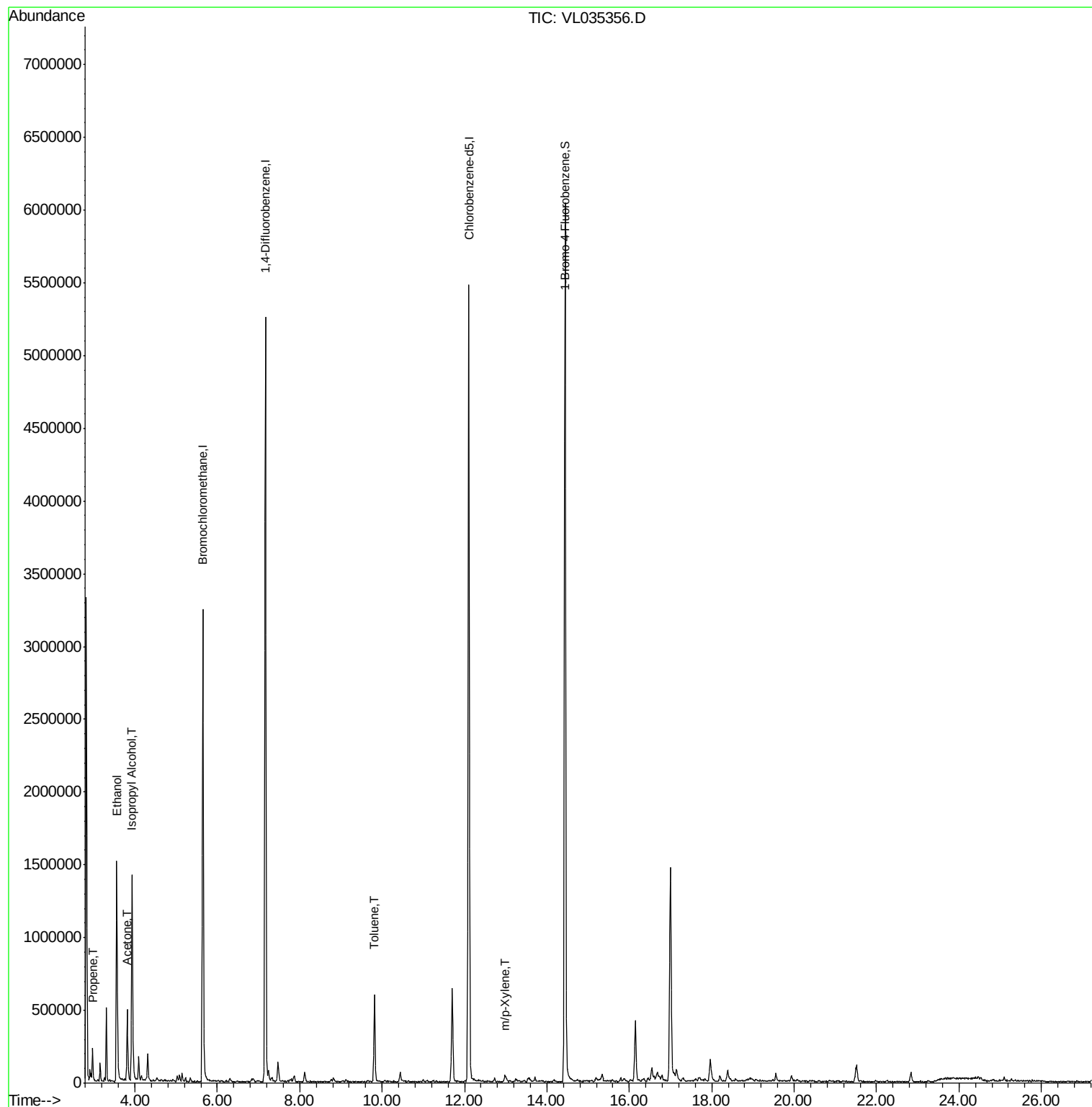
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080620\
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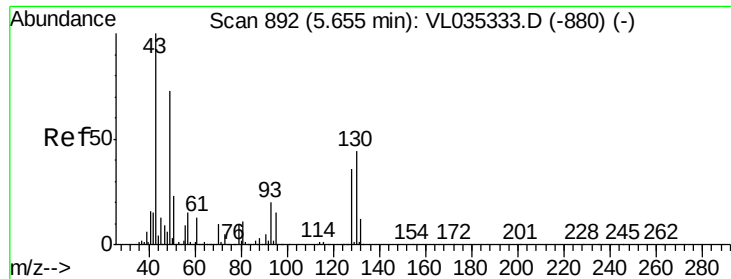
Instrument :
MSVOA_L
ClientSampleId :
1-UNDER-GROUND DL

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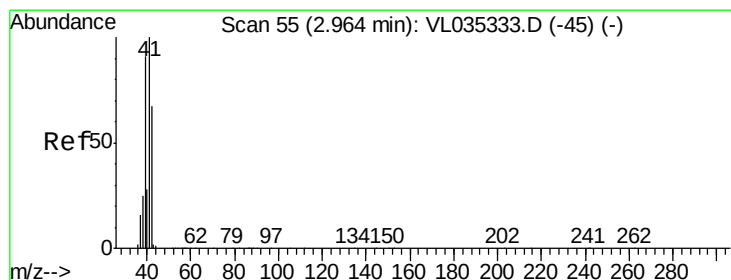
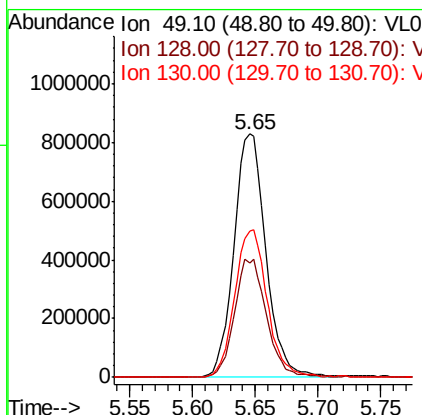
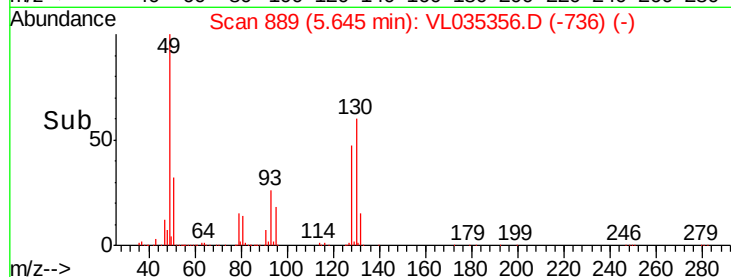
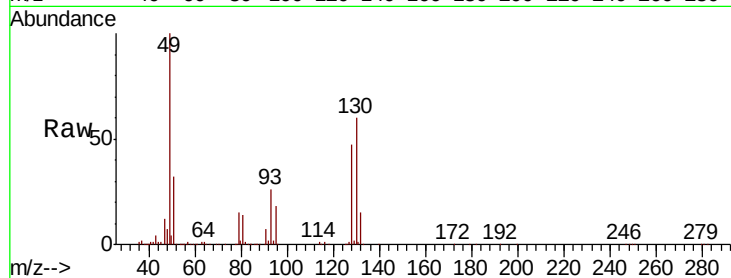
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.01 min
Lab File: VL035356.D
Acq: 6 Aug 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :
1-UNDER-GROUND DL

Tot Ion: 49 Resp: 1469462
Ion Ratio Lower Upper
49 100
128 48.9 25.4 76.0
130 62.0 32.1 96.3

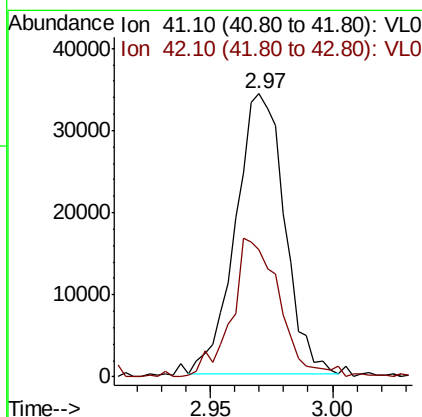
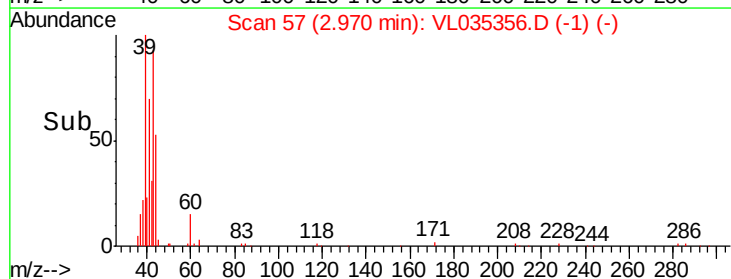
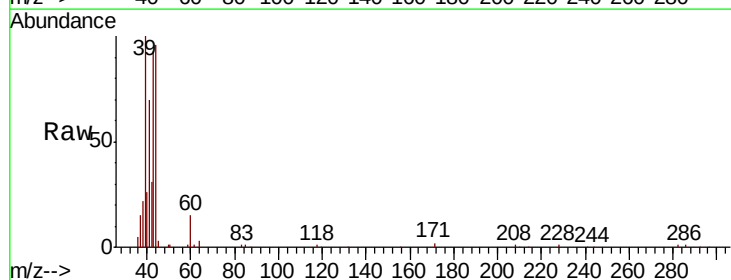
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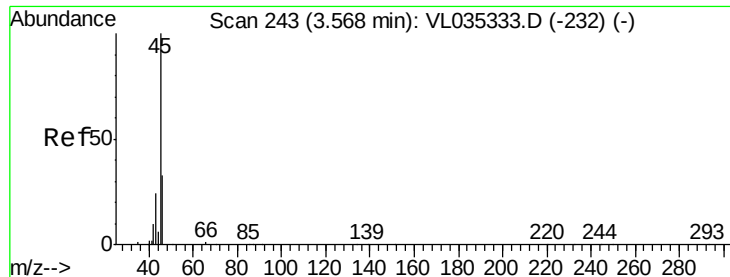
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#9
Propene
Concen: 0.791 ppbv
RT: 2.97 min Scan# 57
Delta R.T. 0.01 min
Lab File: VL035356.D
Acq: 6 Aug 2020 19:09

Tgt Ion: 41 Resp: 47272
Ion Ratio Lower Upper
41 100
42 49.7 55.3 82.9#





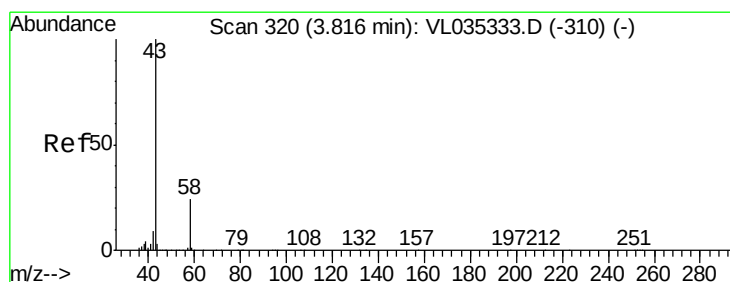
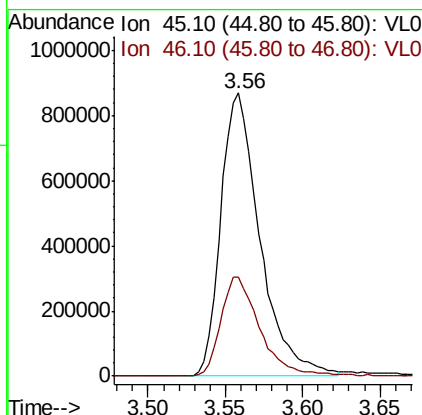
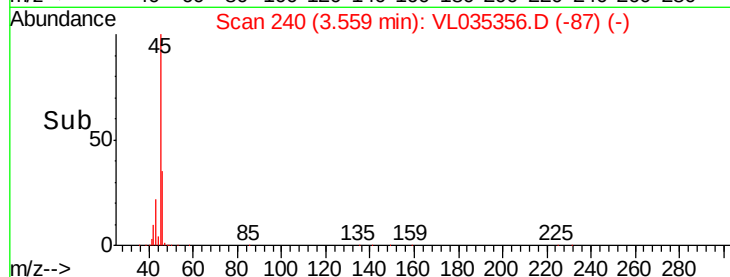
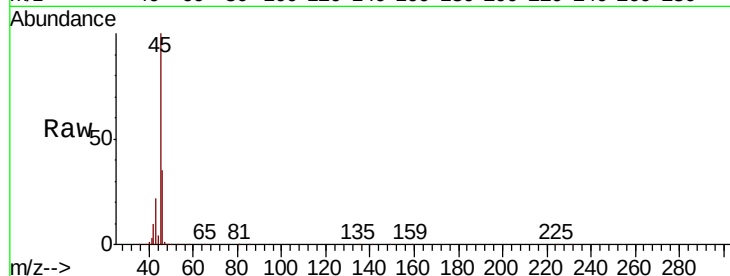
#13
Ethanol
Concen: 74.005 ppbv
RT: 3.56 min Scan# 240
Delta R.T. -0.01 min
Lab File: VL035356.D
Acq: 6 Aug 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :
1-UNDER-GROUND DL

Tot Ion: 45 Resp: 1525642
Ion Ratio Lower Upper
45 100
46 35.4 15.2 61.0

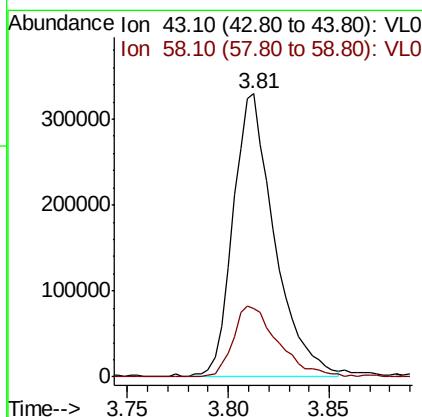
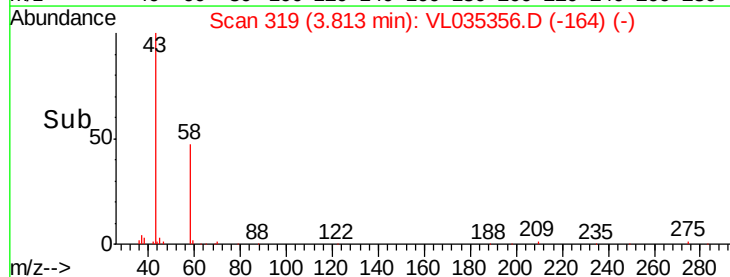
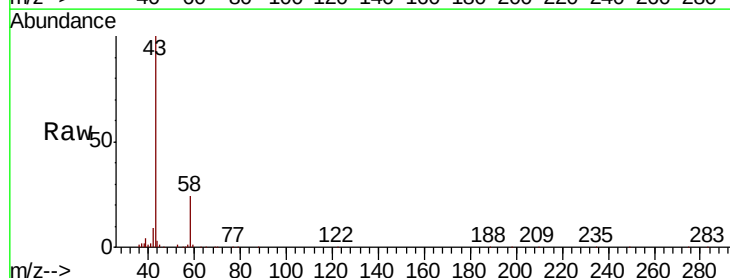
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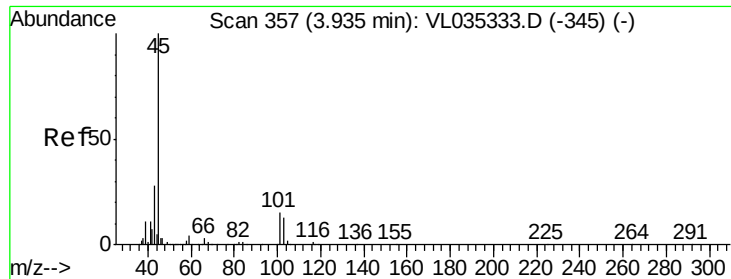
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#15
Acetone
Concen: 2.260 ppbv
RT: 3.81 min Scan# 319
Delta R.T. -0.00 min
Lab File: VL035356.D
Acq: 6 Aug 2020 19:09

Tgt Ion: 43 Resp: 471664
Ion Ratio Lower Upper
43 100
58 27.8 21.0 31.4





#19

Isopropyl Alcohol

Concen: 12.237 ppbv m

RT: 3.93 min Scan# 354

Delta R.T. -0.01 min

Lab File: VL035356.D

Acq: 6 Aug 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

1-UNDER-GROUND DL

Tot Ion: 45 Resp: 1618611

Ion Ratio Lower Upper

45 100

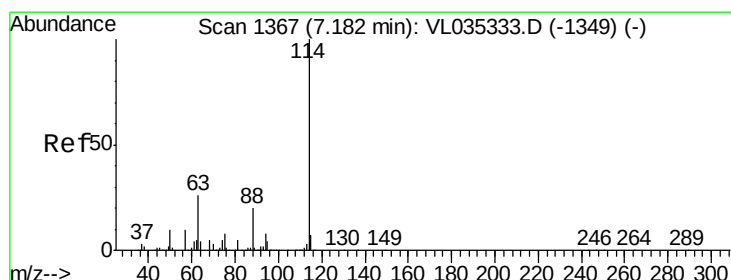
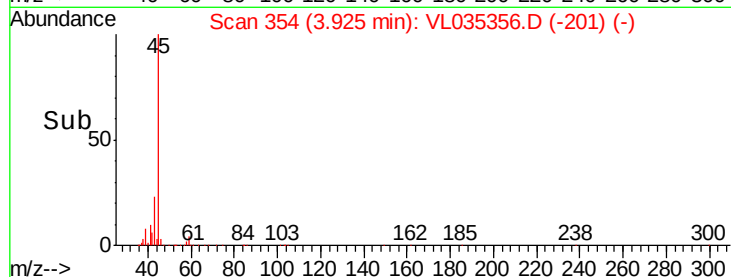
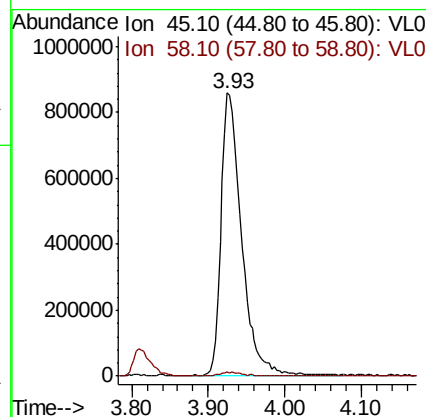
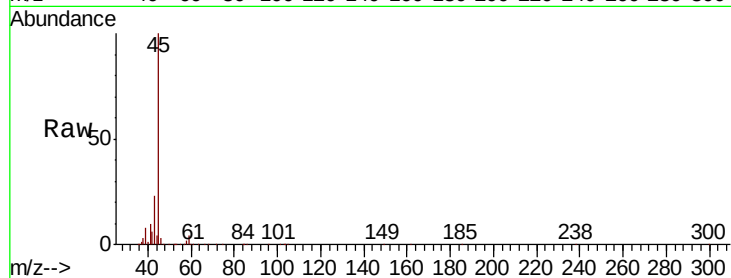
58 0.0 1.9 2.9#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.02 min

Lab File: VL035356.D

Acq: 6 Aug 2020 19:09

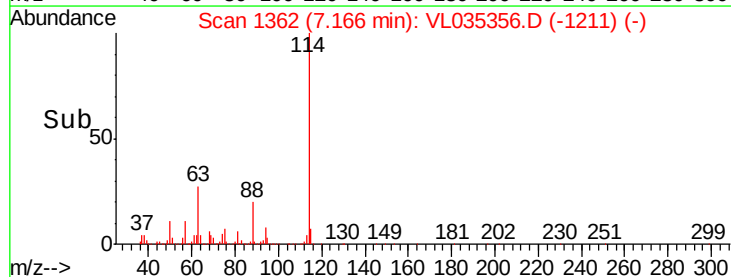
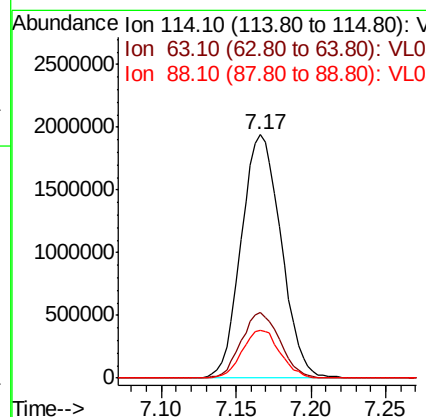
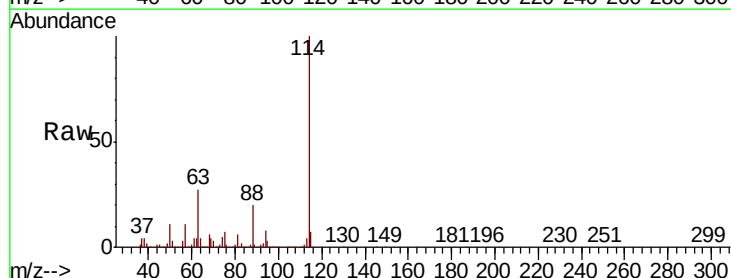
Tgt Ion: 114 Resp: 3592457

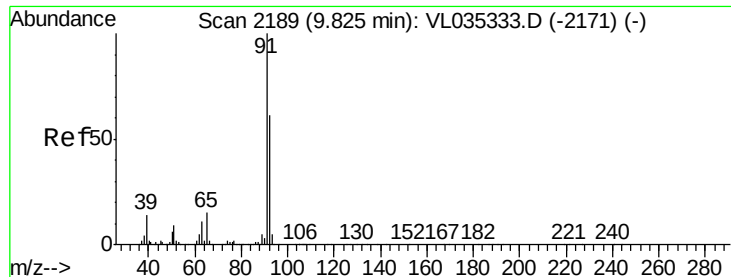
Ion Ratio Lower Upper

114 100

63 26.3 21.3 31.9

88 18.9 15.3 22.9





#53

Toluene

Concen: 1.718 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: VL035356.D

Acq: 6 Aug 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

1-UNDER-GROUND DL

Tot Ion: 91 Resp: 453260

Ion Ratio Lower Upper

91 100

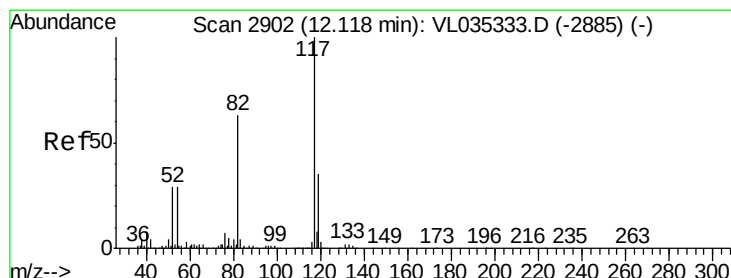
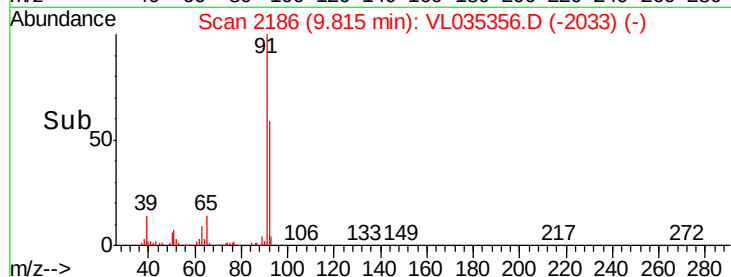
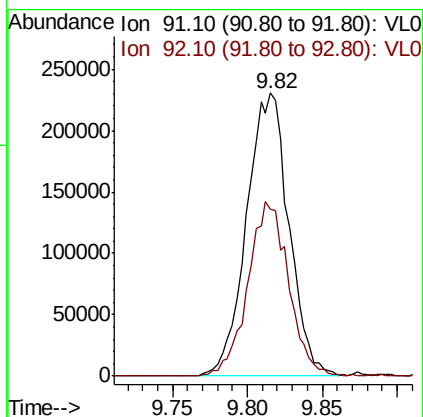
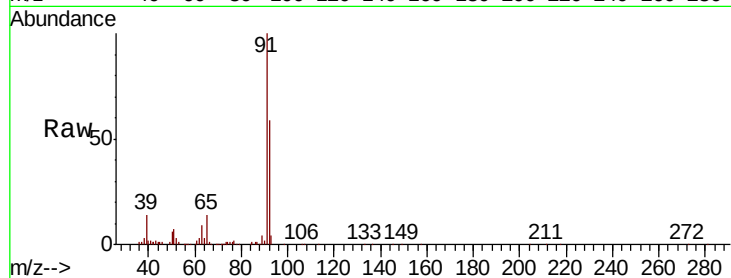
92 59.1 48.5 72.7

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. -0.02 min

Lab File: VL035356.D

Acq: 6 Aug 2020 19:09

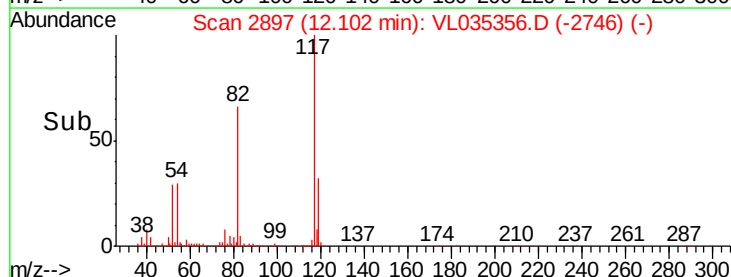
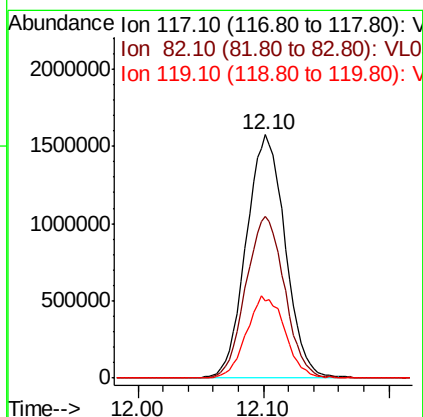
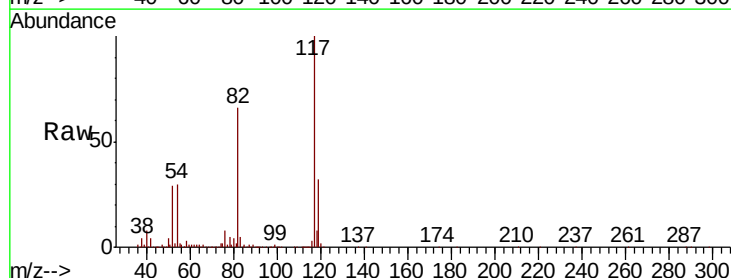
Tgt Ion: 117 Resp: 3397390

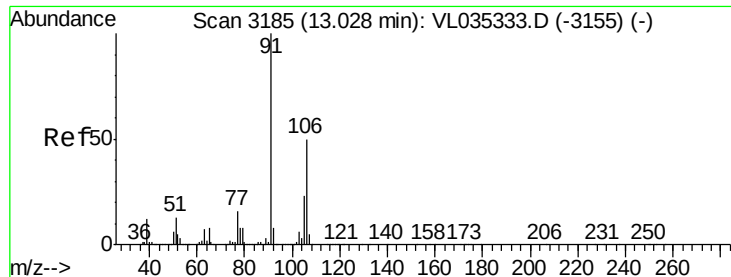
Ion Ratio Lower Upper

117 100

82 66.7 51.0 76.4

119 33.5 24.7 37.1





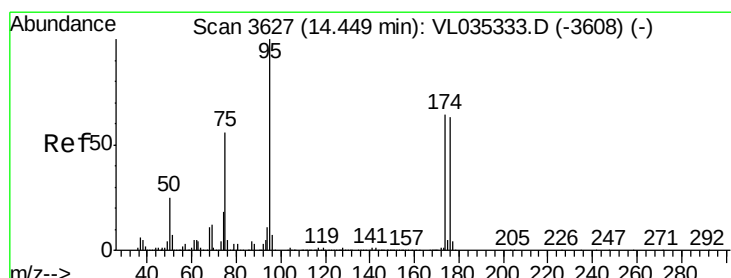
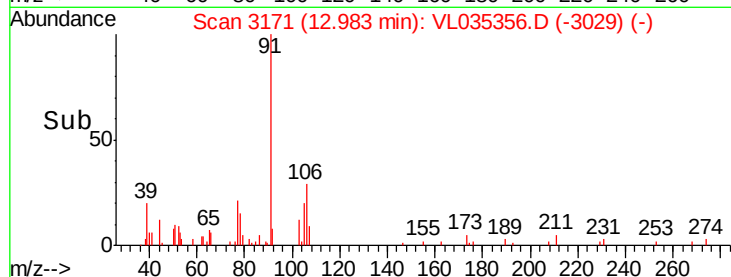
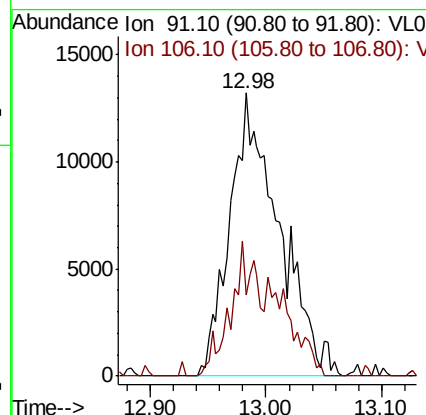
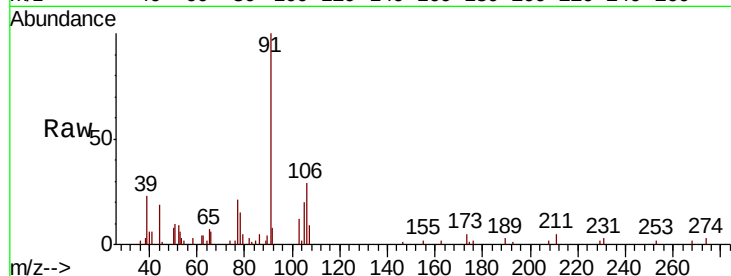
#59
m/p-Xylene
Concen: 0.119 ppbv m
RT: 12.98 min Scan# 3171
Delta R.T. -0.04 min
Lab File: VL035356.D
Acq: 6 Aug 2020 19:09

Instrument :
MSVOA_L
ClientSampleId :
1-UNDER-GROUND

Tot Ion: 91 Resp: 39061
Ion Ratio Lower Upper
91 100
106 0.0 37.8 56.8#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.039 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL035356.D
Acq: 6 Aug 2020 19:09

Tgt Ion: 95 Resp: 2844196
Ion Ratio Lower Upper
95 100
174 67.6 53.5 80.3
175 5.2 4.2 6.2

