

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081020\
 Data File : VL035377.D
 Acq On : 11 Aug 2020 7:20
 Operator : SY/AP
 Sample : L3554-04DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 4-UNDER-GROUND DL

Manual Integrations
 APPROVED

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 8/12/2020 3:58:25 PM

Quant Time: Aug 11 20:41:14 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	1243149	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3110988	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2849785	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2401413	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds					Ovalue
9) Propene	2.97	41	41242	0.816	ppbv 90
11) Trichlorofluoromethane	3.91	101	160278	0.748	ppbv 93
15) Acetone	3.81	43	1316156	7.455	ppbv 96
34) 2-Butanone	5.23	43	192648m	1.258	ppbv

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

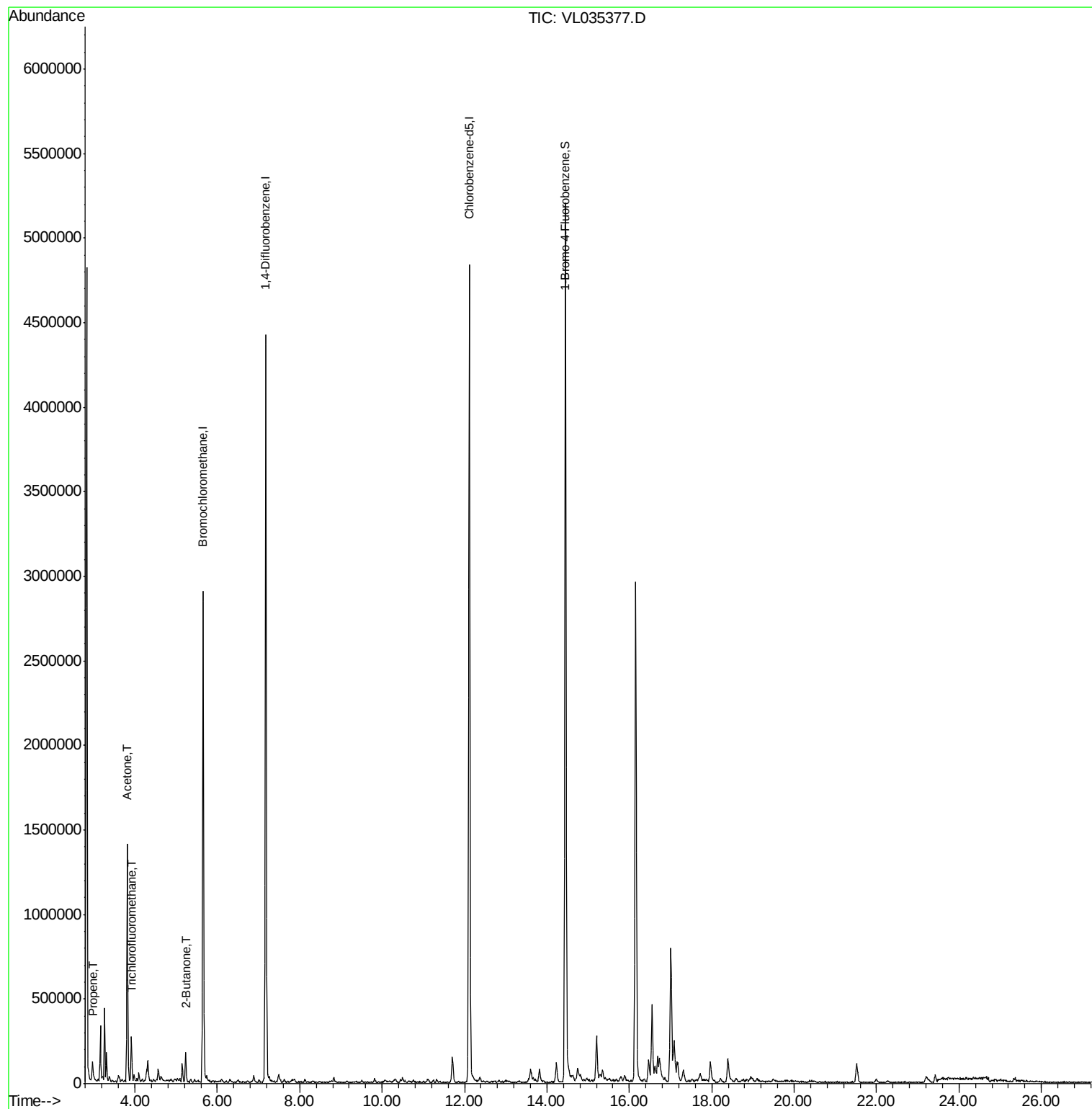
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081020\
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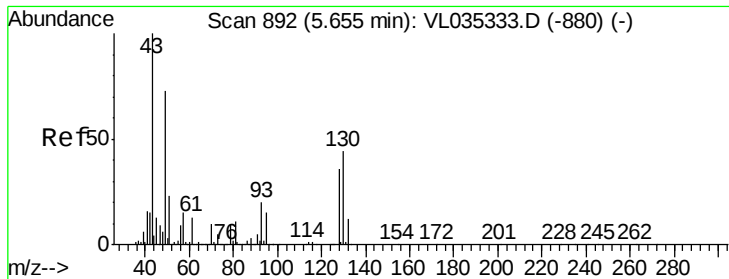
Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUNDL

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Quant Time: Aug 11 20:41:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.00 min

Lab File: VL035377.D

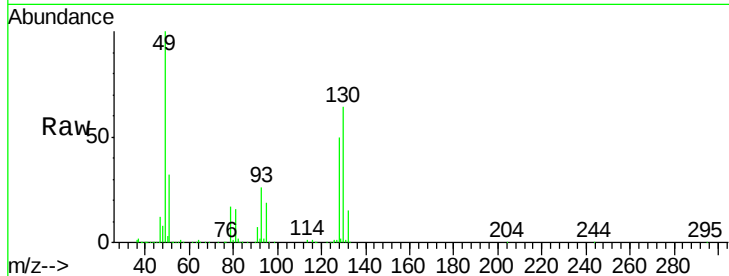
Acq: 11 Aug 2020 7:20

Instrument :

MSVOA_L

ClientSampleId :

4-UNDER-GROUND DL



Tot Ion: 49 Resp: 1243149

Ion Ratio Lower Upper

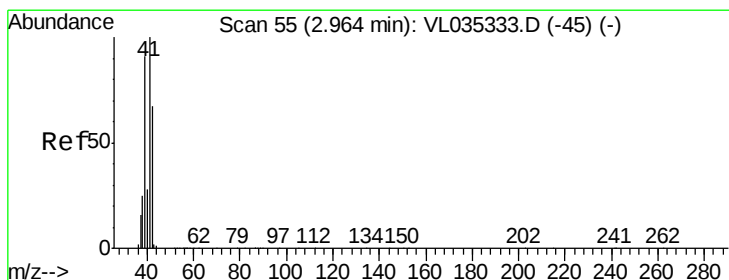
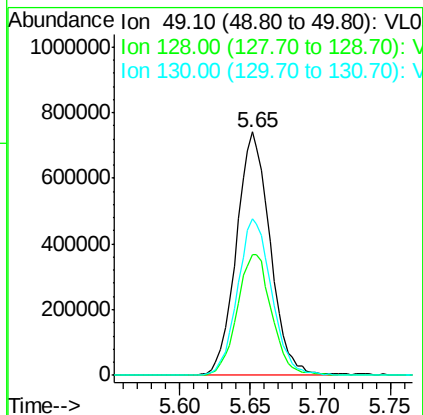
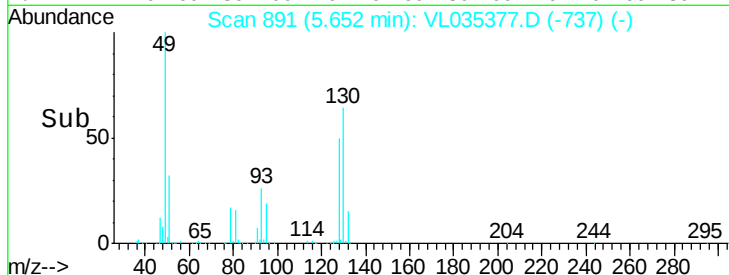
49 100

128 50.4 25.4 76.0

130 65.2 32.1 96.3

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#9

Propene

Concen: 0.816 ppbv

RT: 2.97 min Scan# 57

Delta R.T. 0.01 min

Lab File: VL035377.D

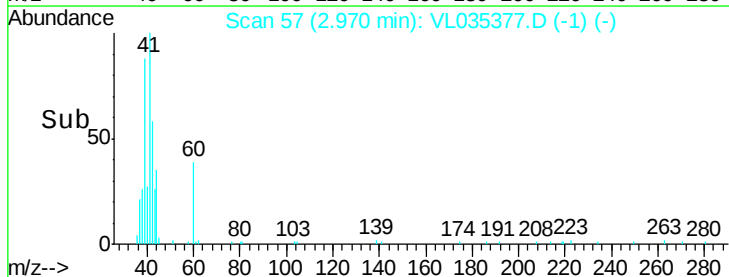
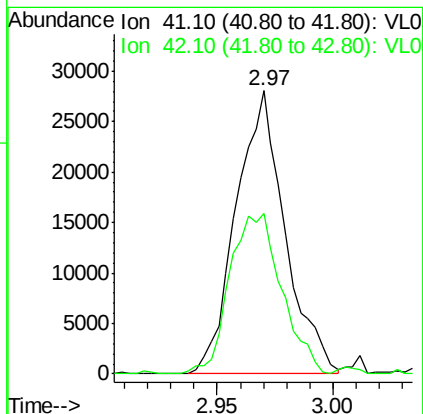
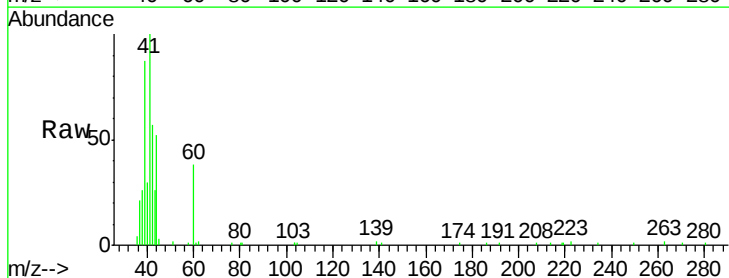
Acq: 11 Aug 2020 7:20

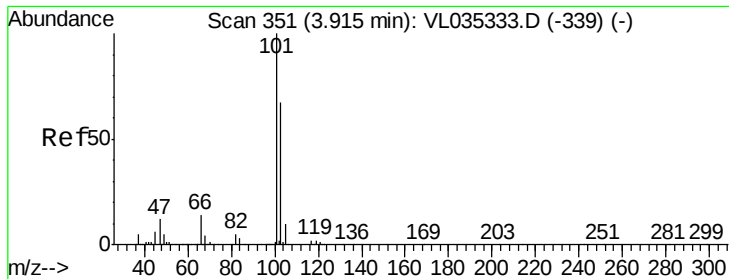
Tgt Ion: 41 Resp: 41242

Ion Ratio Lower Upper

41 100

42 61.2 55.3 82.9





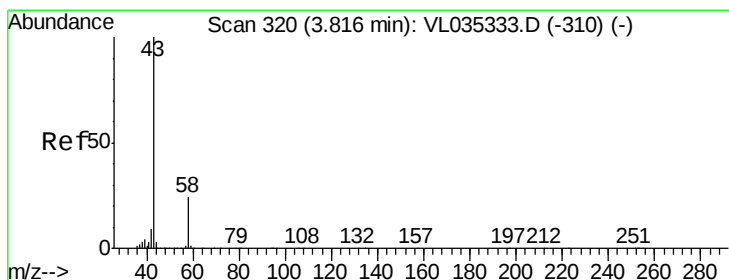
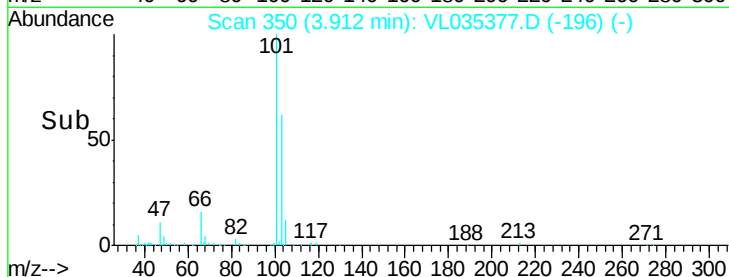
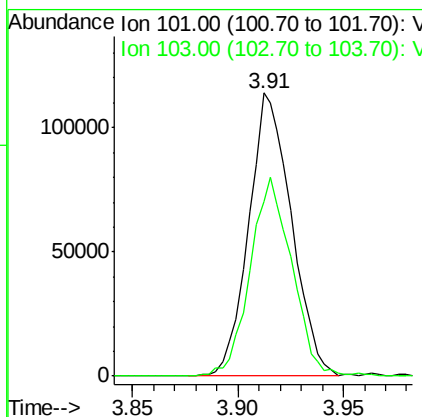
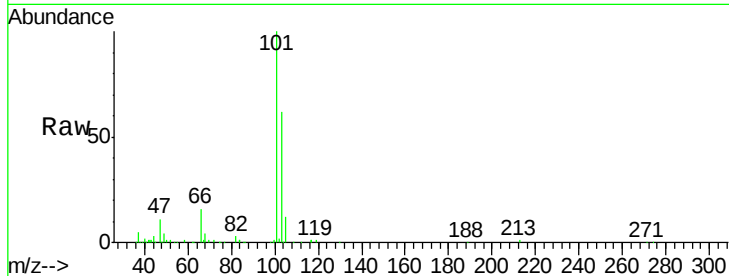
#11
 Trichlorofluoromethane
 Concen: 0.748 ppbv
 RT: 3.91 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VL035377.D
 Acq: 11 Aug 2020 7:20

Instrument :
 MSVOA_L
 ClientSampleId :
 4-UNDER-GROUND DL

Tot Ion	Ratio	Resp	Lower	Upper
101	100	160278		
103	62.0	53.8	80.8	

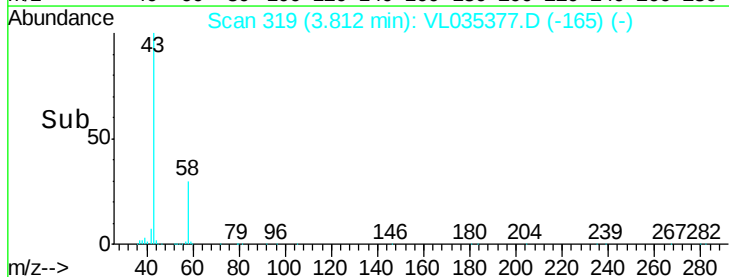
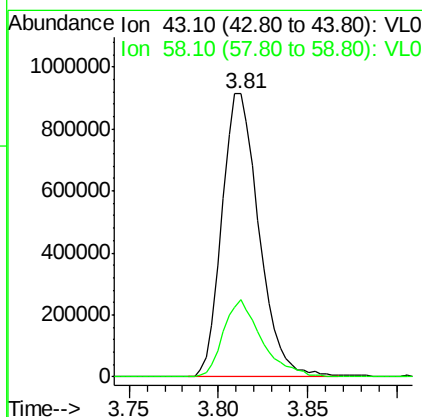
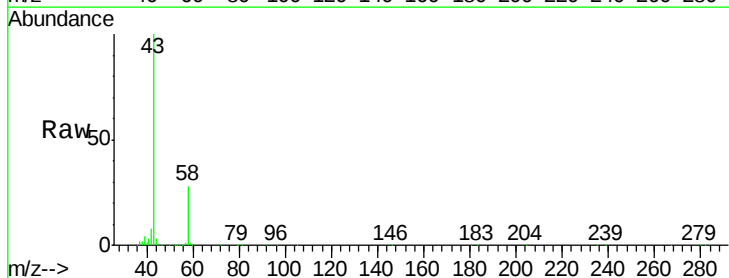
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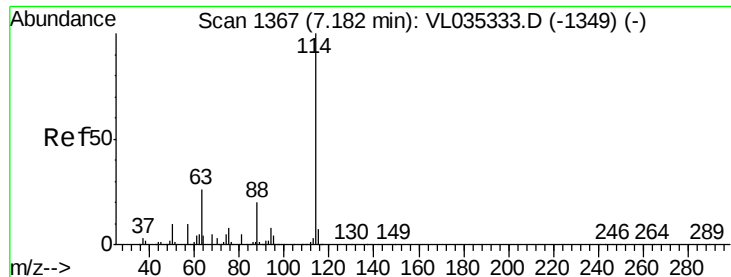
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#15
 Acetone
 Concen: 7.455 ppbv
 RT: 3.81 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VL035377.D
 Acq: 11 Aug 2020 7:20

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1316156		
58	28.4	21.0	31.4	





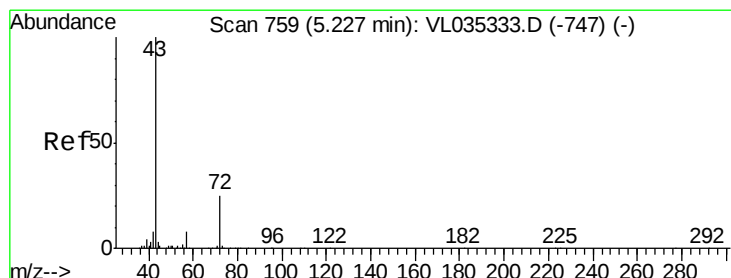
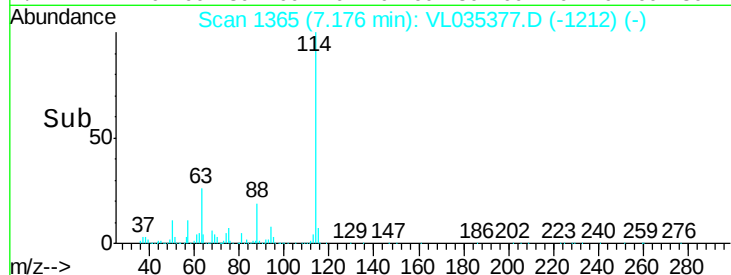
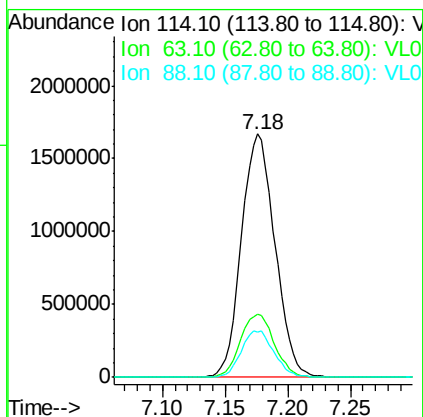
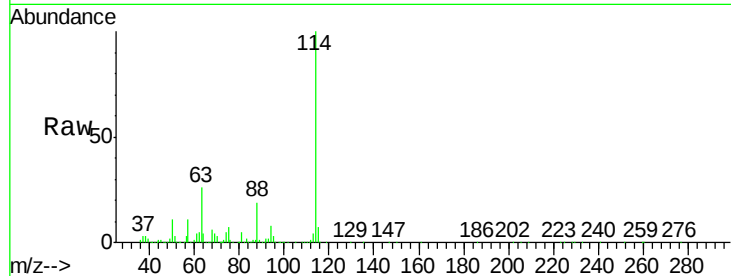
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL035377.D
 Acq: 11 Aug 2020 7:20

Instrument :
 MSVOA_L
 ClientSampleId :
 4-UNDER-GROUNDL

Tot Ion:114 Resp: 3110988
 Ion Ratio Lower Upper
 114 100
 63 26.3 21.3 31.9
 88 18.7 15.3 22.9

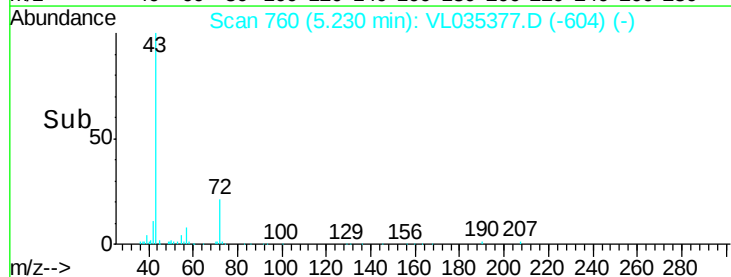
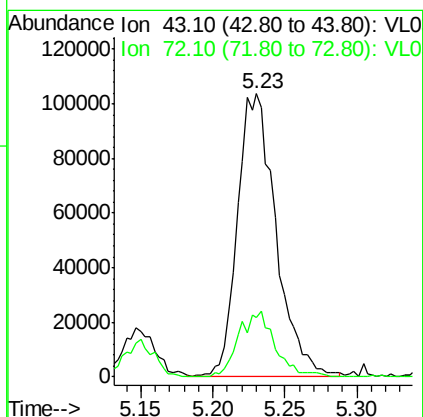
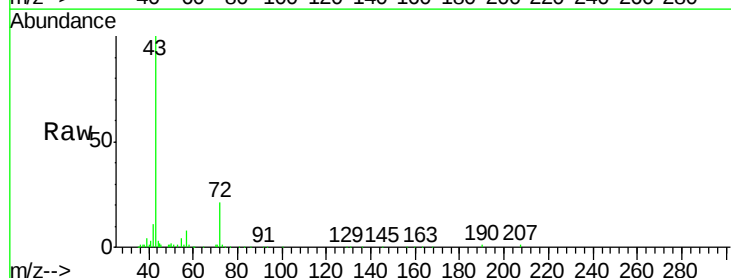
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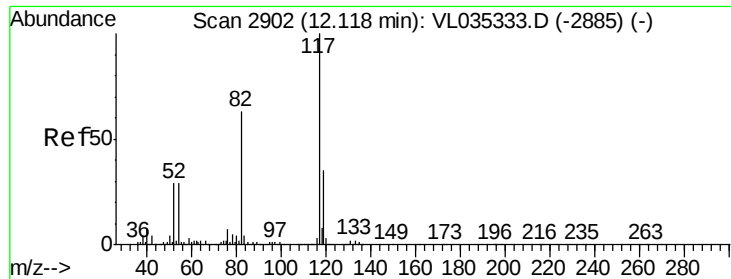
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#34
 2-Butanone
 Concen: 1.258 ppbv m
 RT: 5.23 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: VL035377.D
 Acq: 11 Aug 2020 7:20

Tgt Ion: 43 Resp: 192648
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.9 28.3#





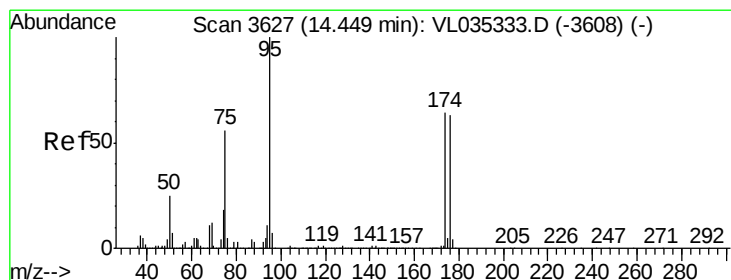
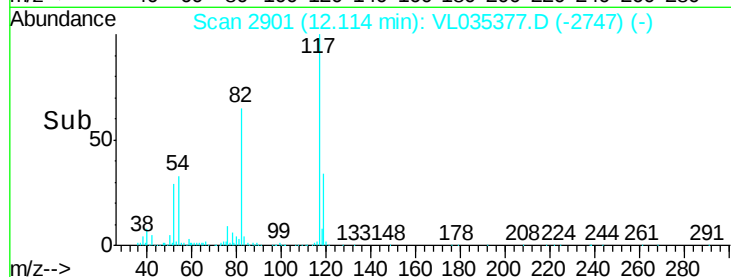
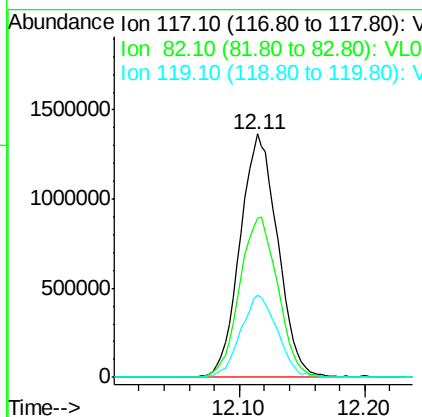
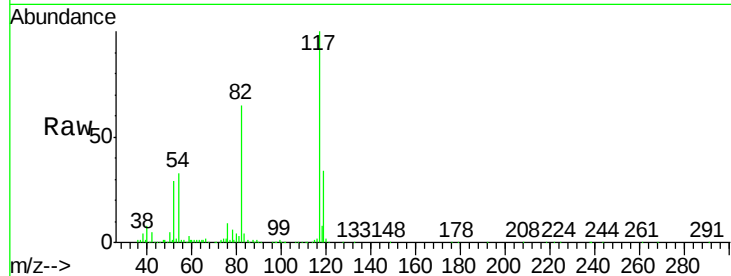
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Instrument :
MSVOA_L
ClientSampleId :
4-UNDER-GROUND

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.0	51.0	76.4
119	33.1	24.7	37.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.105 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL035377.D
Acq: 11 Aug 2020 7:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.0	53.5	80.3
175	5.0	4.2	6.2

