

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081720\
 Data File : VL035428.D
 Acq On : 17 Aug 2020 21:47
 Operator : SY/AP
 Sample : VL0817ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABL01

Quant Time: Aug 18 06:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1134231	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4960586	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4940710	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3541633	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

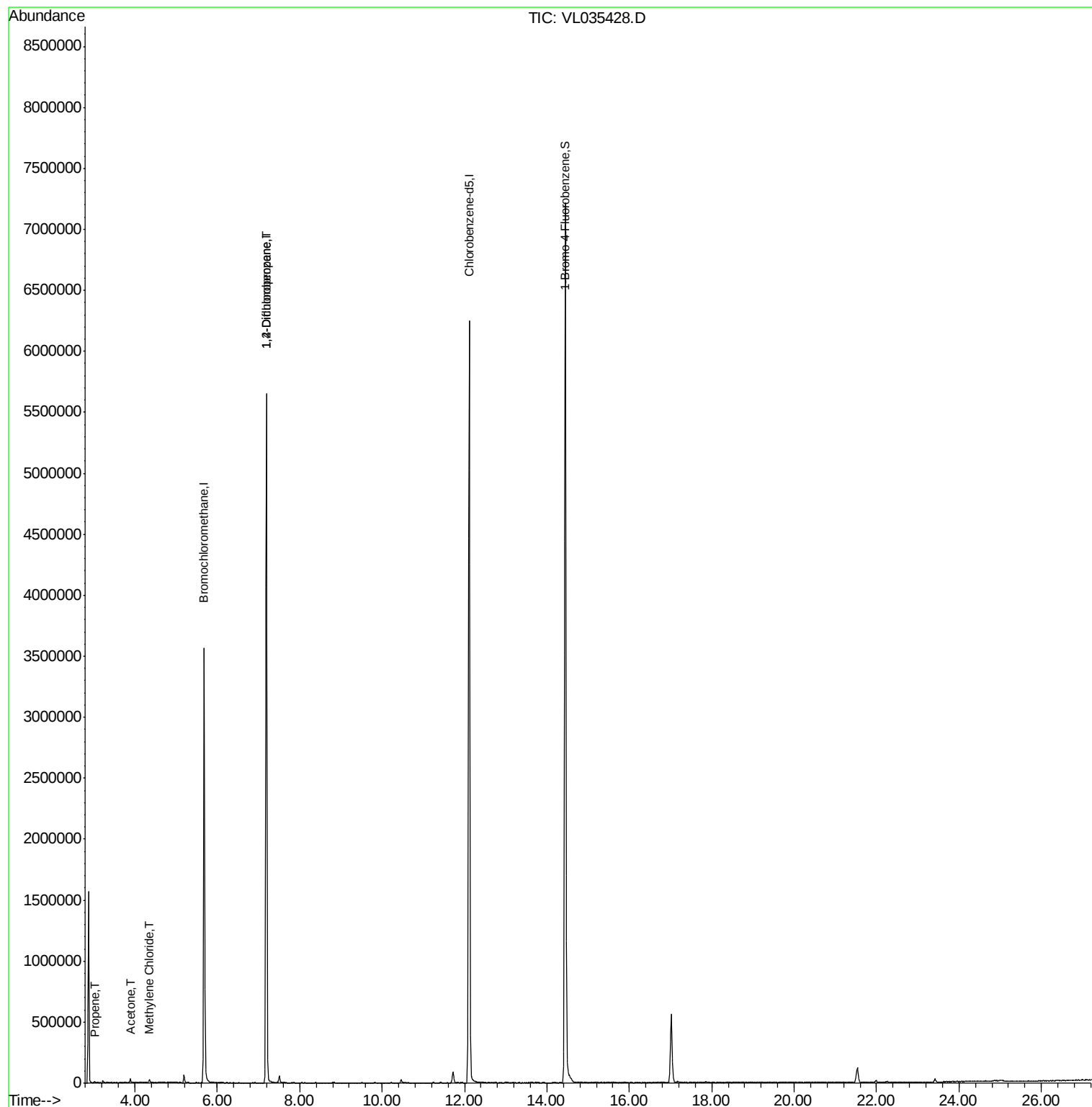
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	1965	0.034	ppbv #	60
15) Acetone	3.88	43	21835	0.167	ppbv #	1
20) Methylene Chloride	4.35	84	12721	0.121	ppbv #	62
39) 1,2-Dichloropropane	7.19	63	864236	7.202	ppbv #	23

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

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.00 min

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MSVOA_L

ClientSampleId :

VL0817ABL01

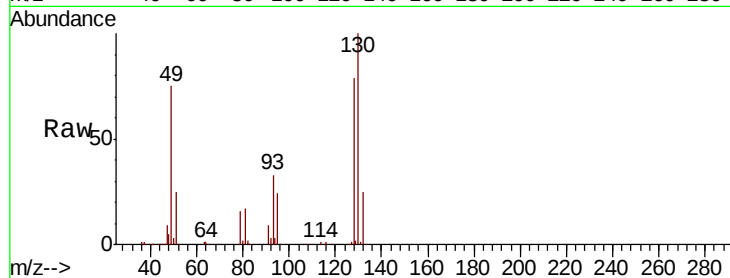
Tot Ion: 49 Resp: 1134231

Ion Ratio Lower Upper

49 100

128 101.7 20.9 62.7#

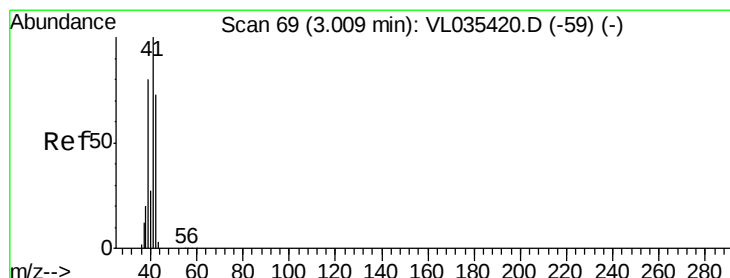
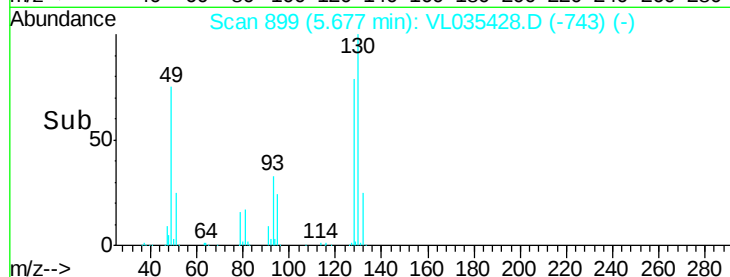
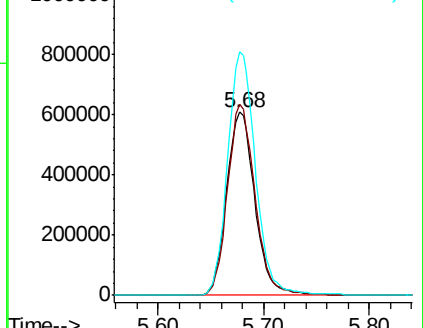
130 131.9 26.7 80.1#



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.034 ppbv

RT: 3.01 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL035428.D

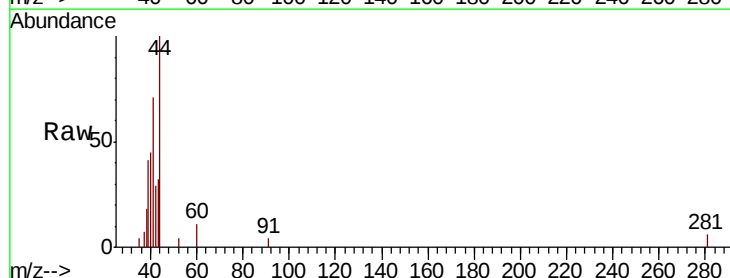
Acq: 17 Aug 2020 21:47

Tgt Ion: 41 Resp: 1965

Ion Ratio Lower Upper

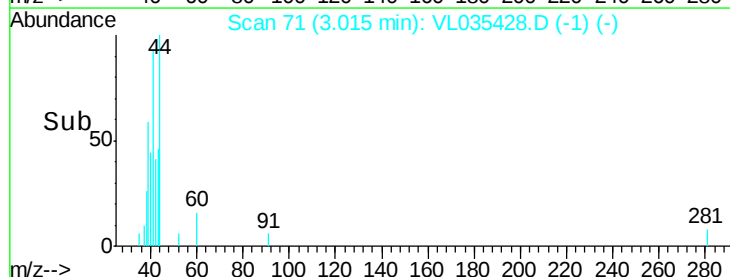
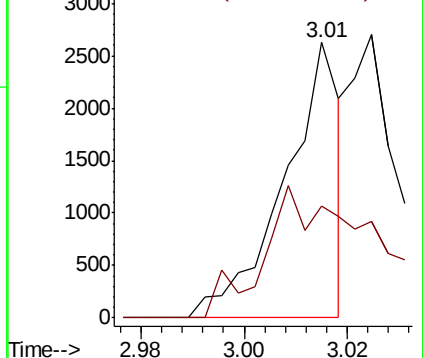
41 100

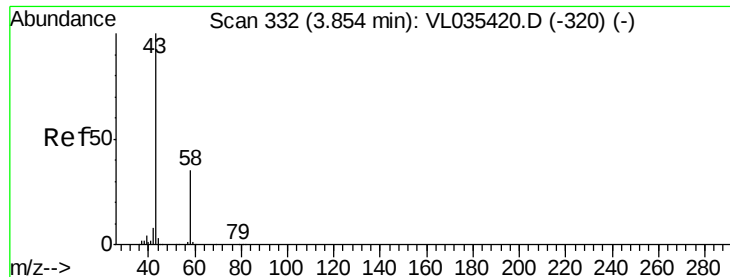
42 102.0 55.5 83.3#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.167 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.04 min

Lab File: VL035428.D

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Instrument :

MSVOA_L

ClientSampleId :

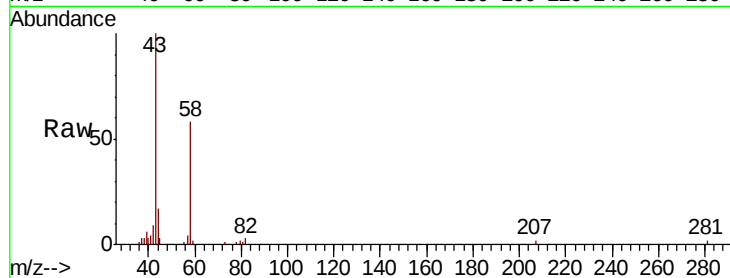
VL0817ABL01

Tot Ion: 43 Resp: 21835

Ion Ratio Lower Upper

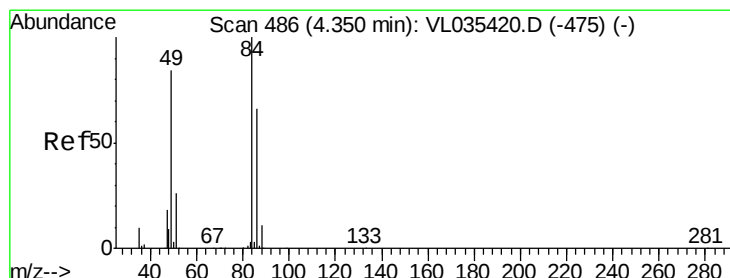
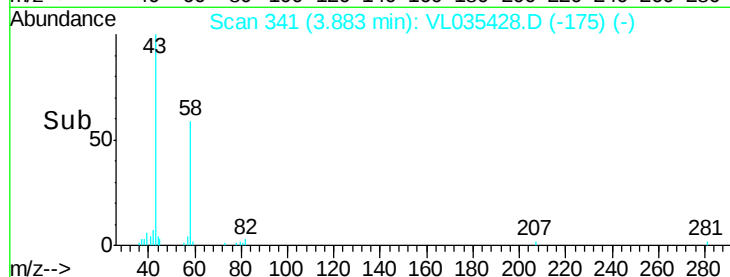
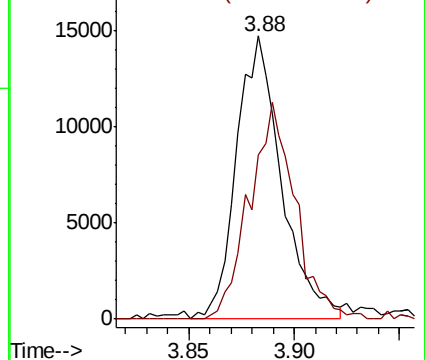
43 100

58 78.1 21.0 31.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.121 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL035428.D

Acq: 17 Aug 2020 21:47

Tgt Ion: 84 Resp: 12721

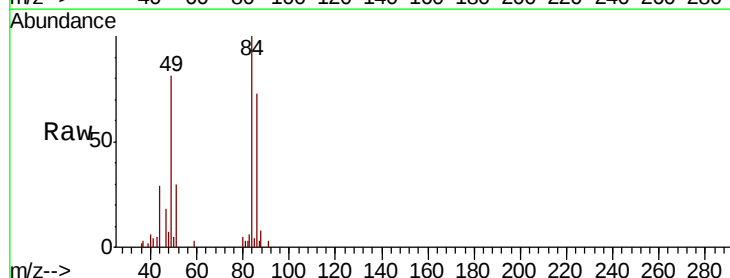
Ion Ratio Lower Upper

84 100

49 81.2 118.6 177.8#

51 30.2 36.4 54.6#

86 73.3 50.2 75.4

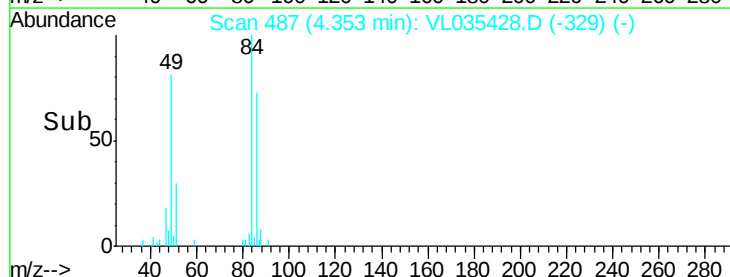
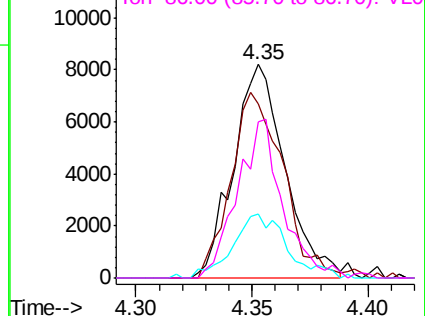


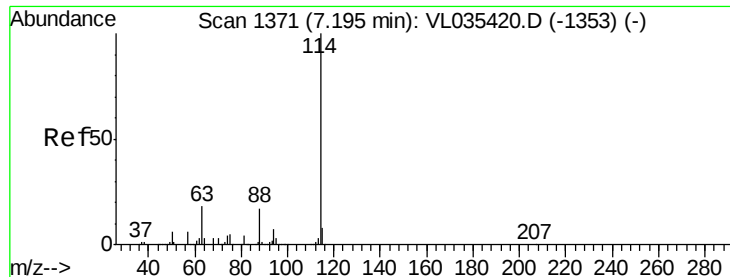
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

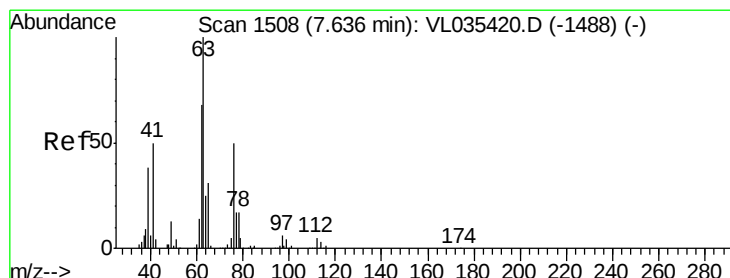
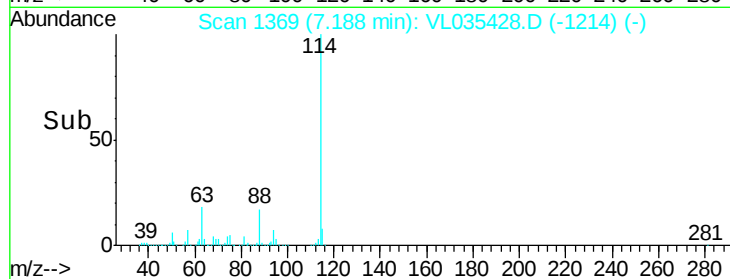
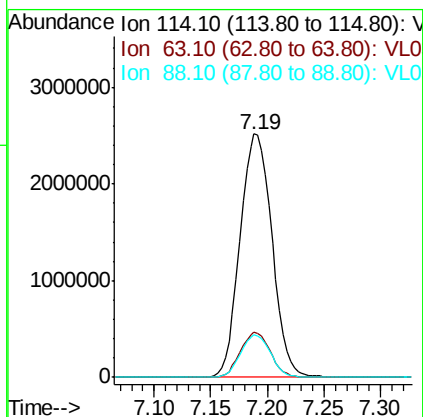
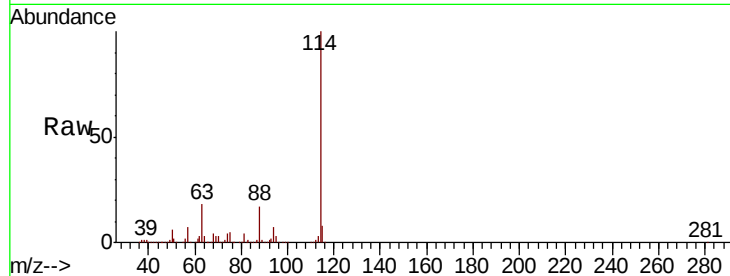




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VL035428.D
 Acq: 17 Aug 2020 21:47

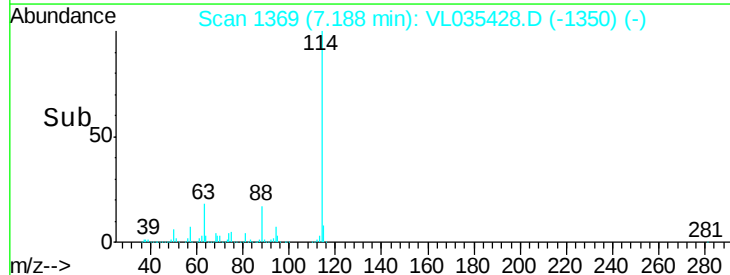
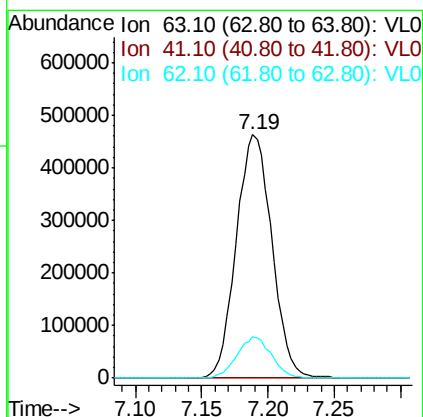
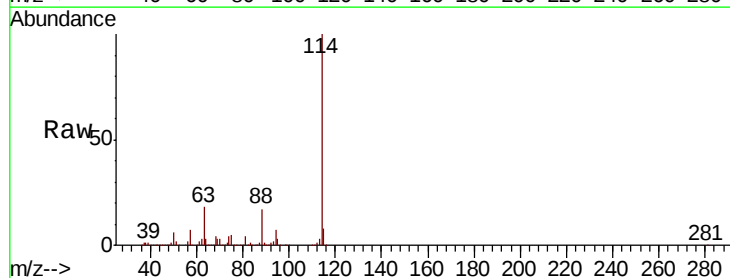
Instrument :
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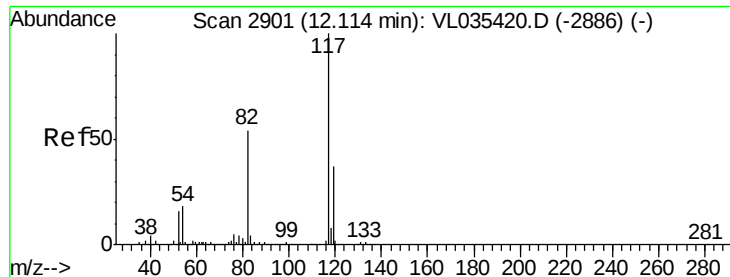
Tot Ion:114 Resp: 4960586
 Ion Ratio Lower Upper
 114 100
 63 17.5 23.1 34.7#
 88 16.5 15.9 23.9



#39
 1,2-Dichloropropane
 Concen: 7.202 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.44 min
 Lab File: VL035428.D
 Acq: 17 Aug 2020 21:47

Tgt Ion: 63 Resp: 864236
 Ion Ratio Lower Upper
 63 100
 41 0.1 61.1 91.7#
 62 17.2 55.3 82.9#

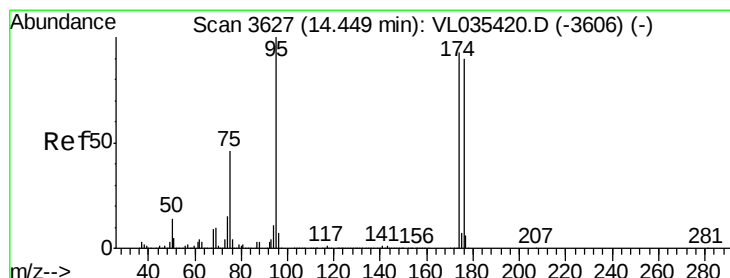
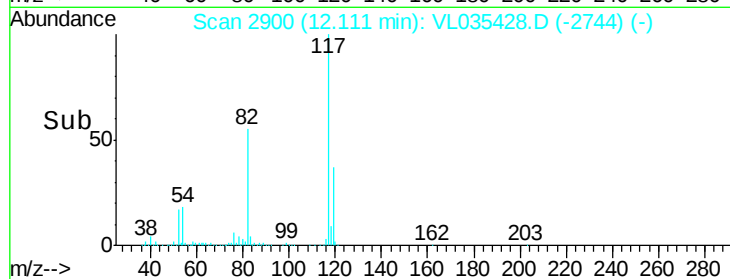
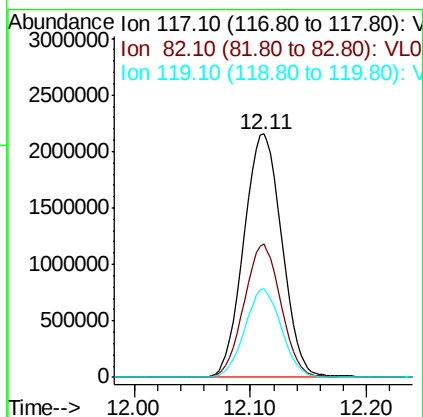
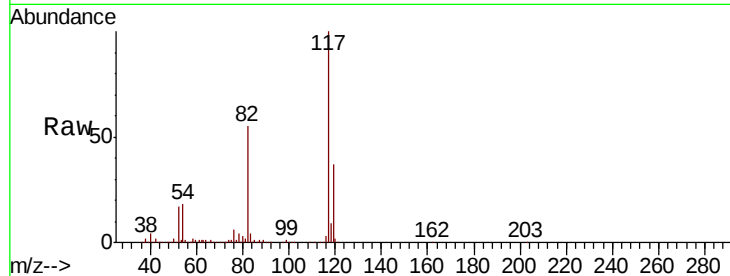




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035428.D
Acq: 17 Aug 2020 21:47

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABL01

Tot Ion:117 Resp: 4940710
Ion Ratio Lower Upper
117 100
82 53.3 57.4 86.0#
119 35.0 28.4 42.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.239 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.01 min
Lab File: VL035428.D
Acq: 17 Aug 2020 21:47

Tgt Ion: 95 Resp: 3541633
Ion Ratio Lower Upper
95 100
174 96.7 44.0 66.0#
175 7.1 3.2 4.8#

