

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035258.D
 Acq On : 29 Jul 2020 22:50
 Operator : SY/AP
 Sample : L3463-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Quant Time: Jul 30 12:05:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1224033	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3006305	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2776611	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2246673	10.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

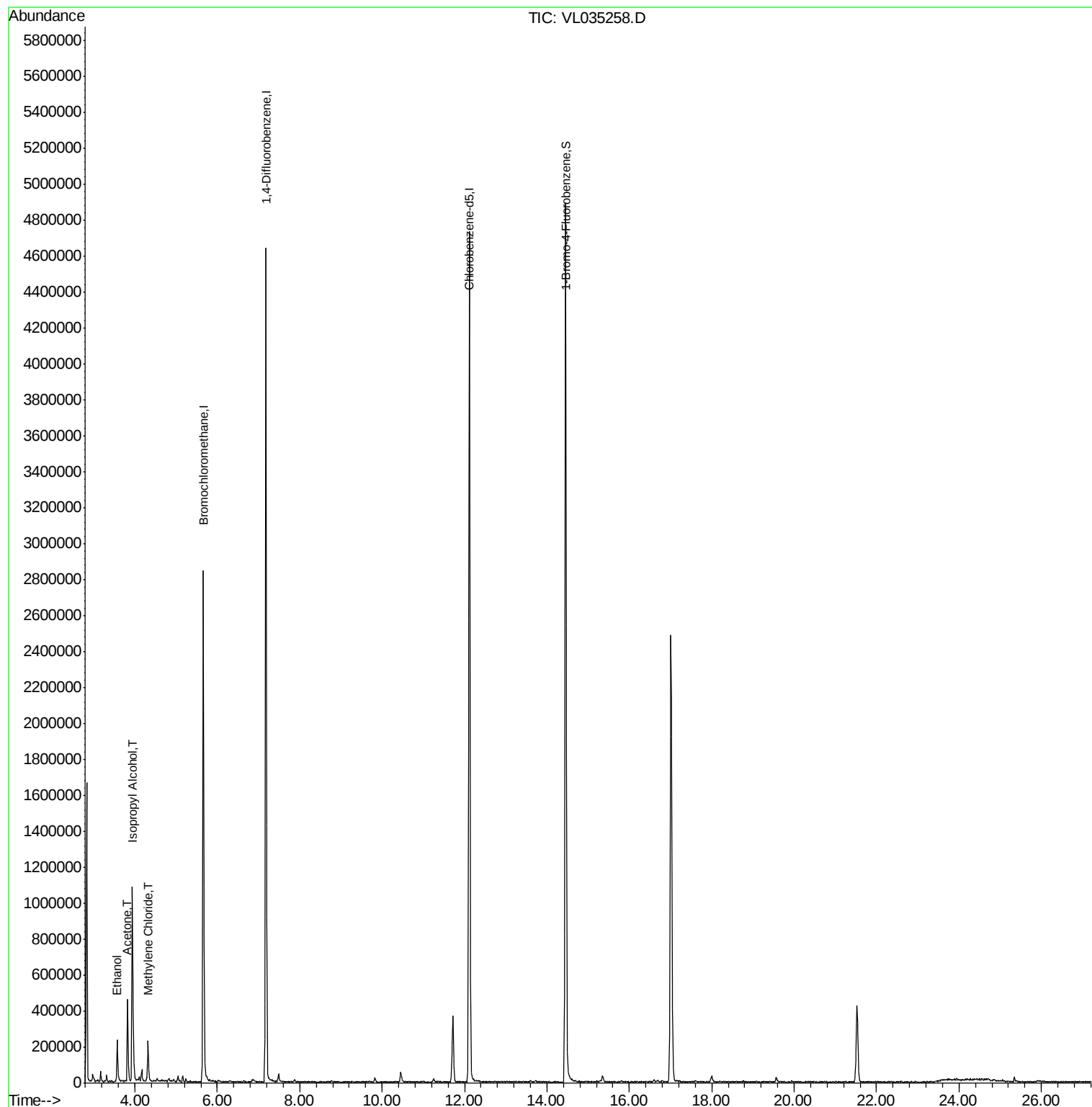
Target Compounds					Ovalue
13) Ethanol	3.56	45	218942	11.390	ppbv 95
15) Acetone	3.82	43	421014	2.579	ppbv 97
19) Isopropyl Alcohol	3.93	45	1110704	10.315	ppbv 100
20) Methylene Chloride	4.32	84	72749	0.979	ppbv 97

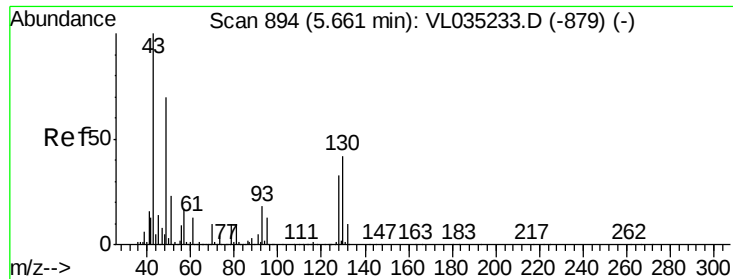
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

IA1DL

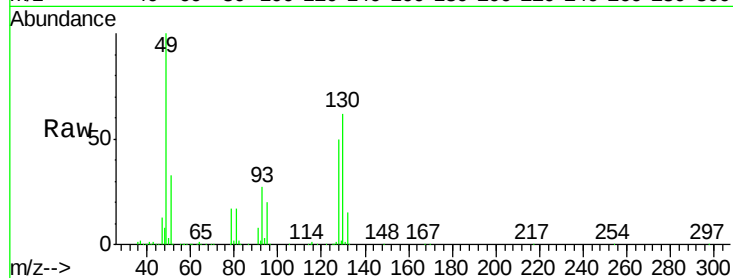
Tot Ion: 49 Resp: 1224033

Ion Ratio Lower Upper

49 100

128 50.2 24.0 72.0

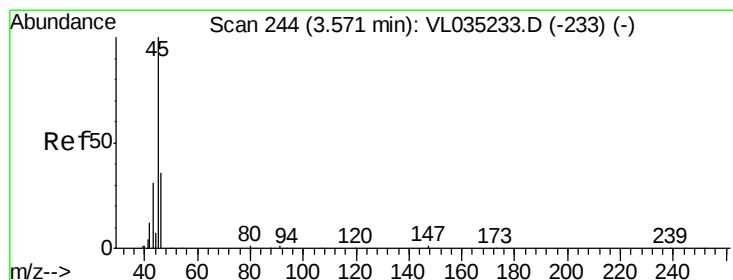
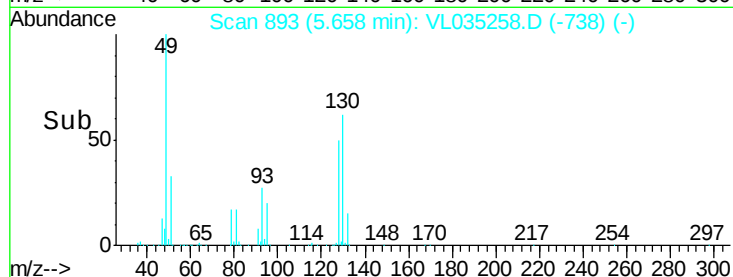
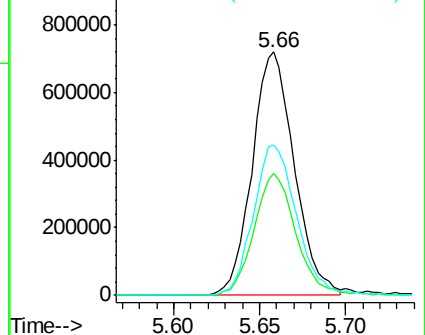
130 64.1 30.7 92.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 11.390 ppbv

RT: 3.56 min Scan# 242

Delta R.T. -0.01 min

Lab File: VL035258.D

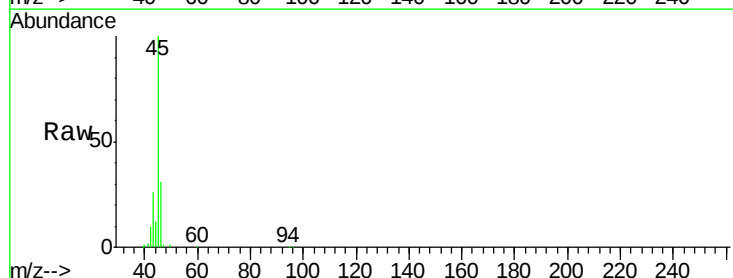
Acq: 29 Jul 2020 22:50

Tgt Ion: 45 Resp: 218942

Ion Ratio Lower Upper

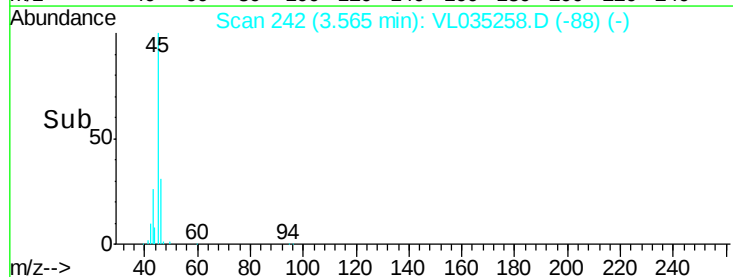
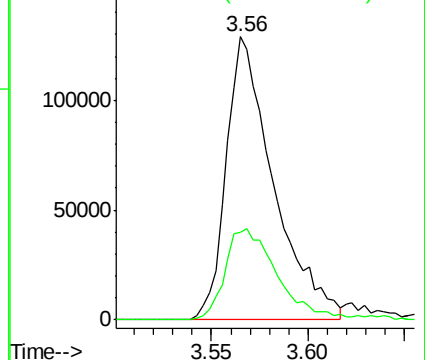
45 100

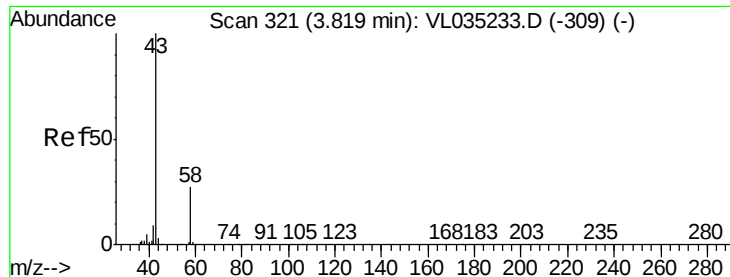
46 36.5 15.8 63.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 2.579 ppbv

RT: 3.82 min Scan# 321

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

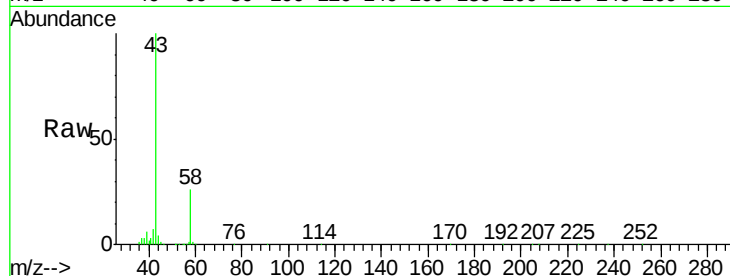
IA1DL

Tot Ion: 43 Resp: 421014

Ion Ratio Lower Upper

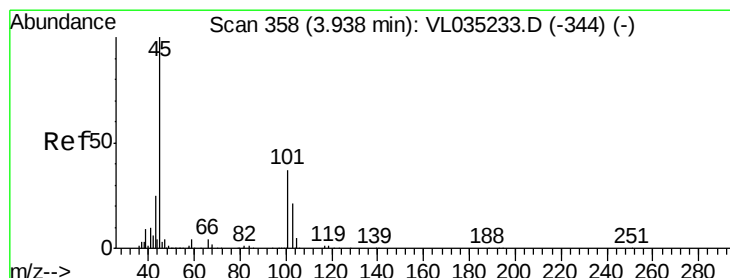
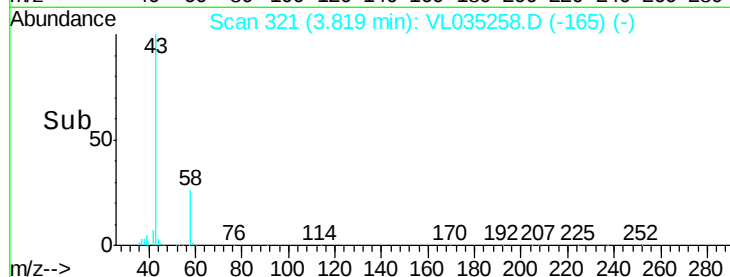
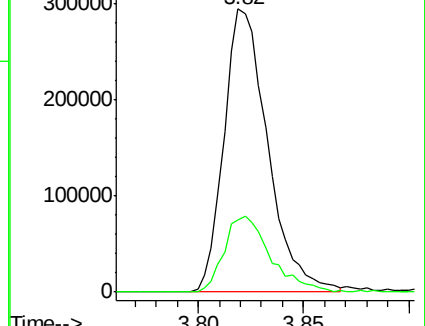
43 100

58 28.9 21.8 32.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#19

Isopropyl Alcohol

Concen: 10.315 ppbv

RT: 3.93 min Scan# 357

Delta R.T. -0.00 min

Lab File: VL035258.D

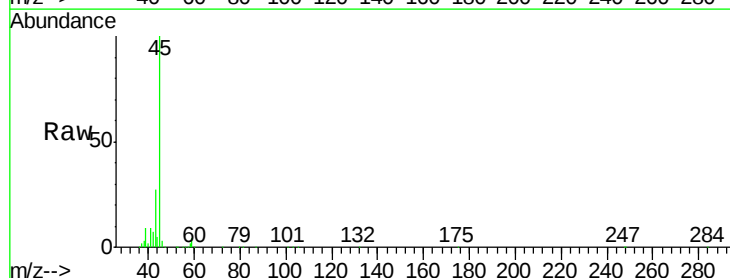
Acq: 29 Jul 2020 22:50

Tgt Ion: 45 Resp: 1110704

Ion Ratio Lower Upper

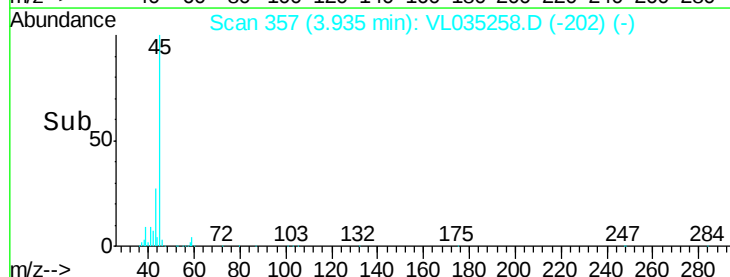
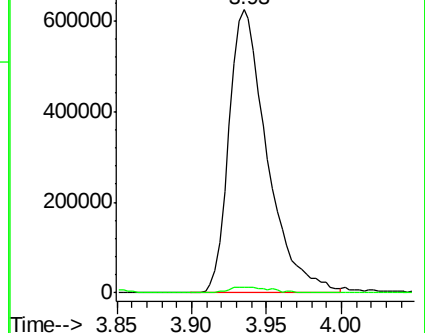
45 100

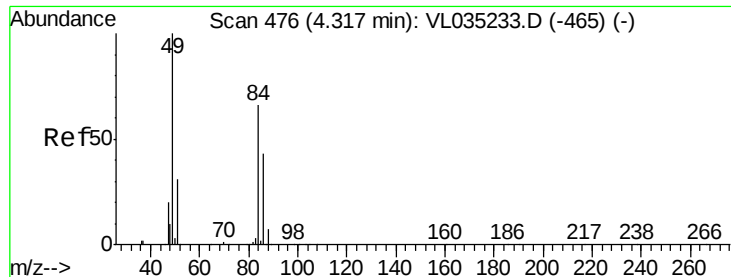
58 2.5 1.9 2.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

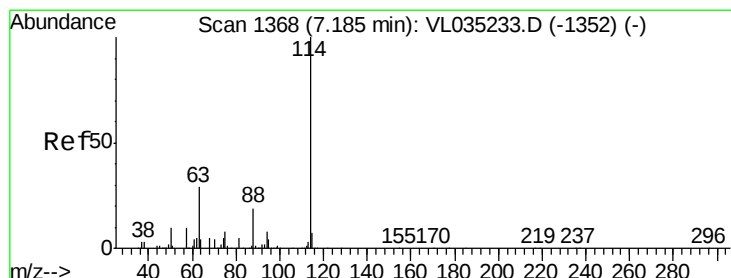
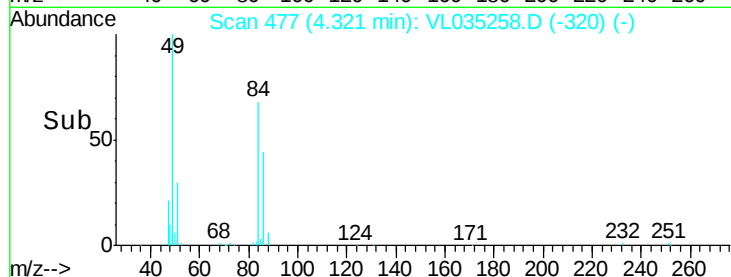
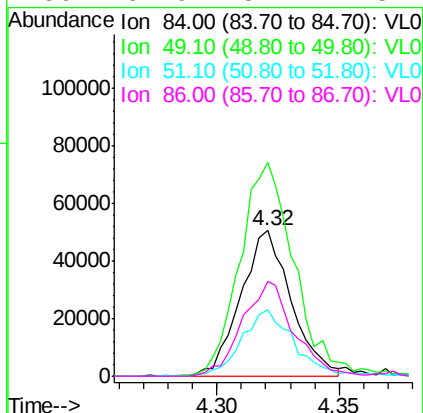
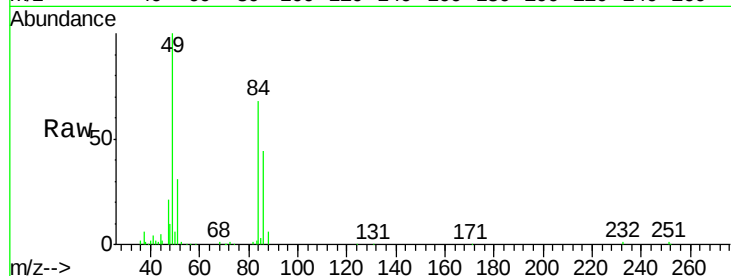




#20
Methylene Chloride
Concen: 0.979 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035258.D
Acq: 29 Jul 2020 22:50

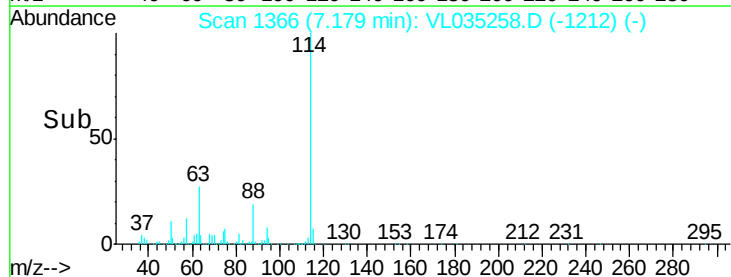
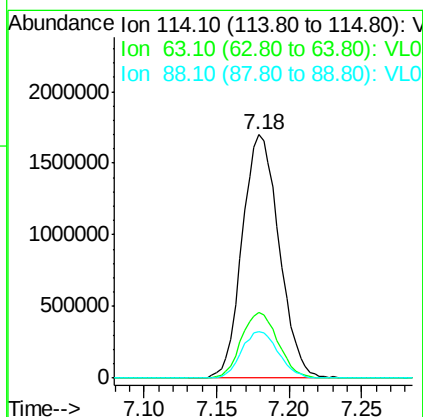
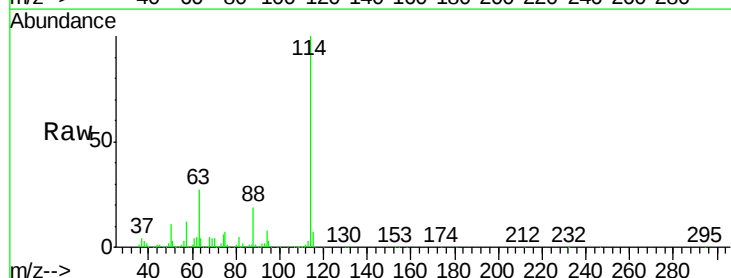
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

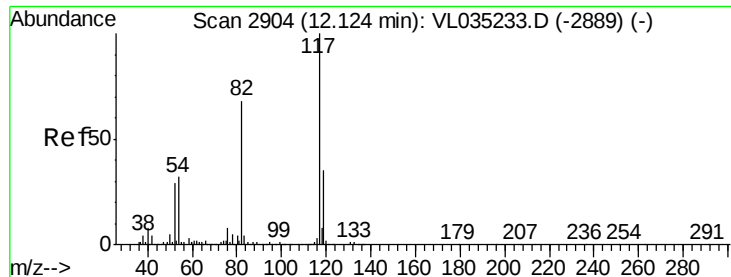
Tot Ion: 84 Resp: 72749
Ion Ratio Lower Upper
84 100
49 146.0 121.0 181.4
51 45.4 37.7 56.5
86 64.9 52.2 78.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035258.D
Acq: 29 Jul 2020 22:50

Tgt Ion: 114 Resp: 3006305
Ion Ratio Lower Upper
114 100
63 27.0 22.2 33.2
88 19.2 15.4 23.0

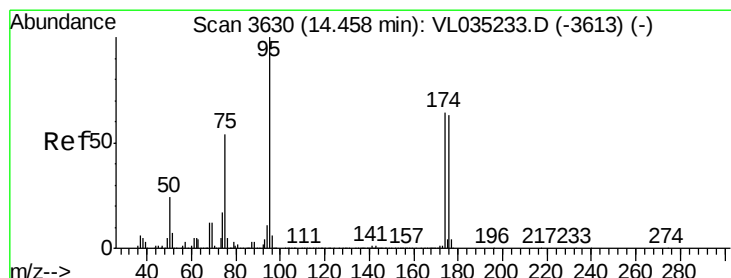
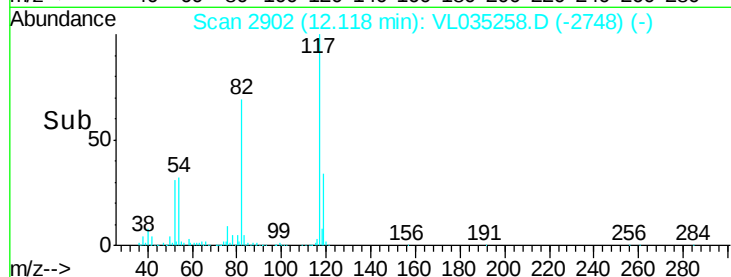
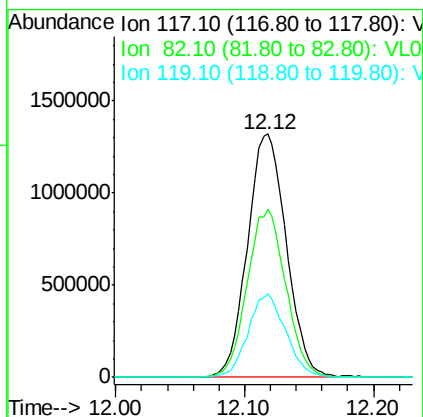
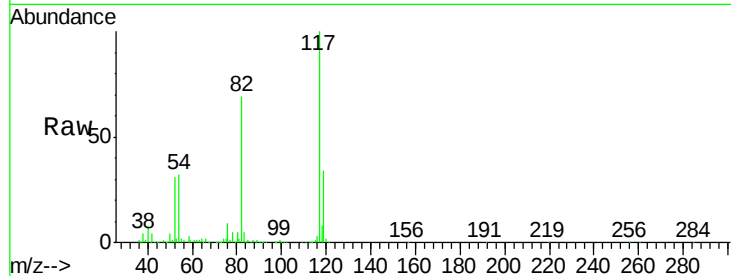




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL035258.D
Acq: 29 Jul 2020 22:50

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tot Ion:117 Resp: 2776611
Ion Ratio Lower Upper
117 100
82 68.5 52.4 78.6
119 33.3 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.126 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.00 min
Lab File: VL035258.D
Acq: 29 Jul 2020 22:50

Tgt Ion: 95 Resp: 2246673
Ion Ratio Lower Upper
95 100
174 65.0 52.7 79.1
175 4.7 3.9 5.9

