

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035948.D
 Acq On : 16 Nov 2020 17:56
 Operator : SY/AP
 Sample : L4722-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-1DL

Quant Time: Nov 17 21:52:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1275402	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4388597	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4138270	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3092403	10.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

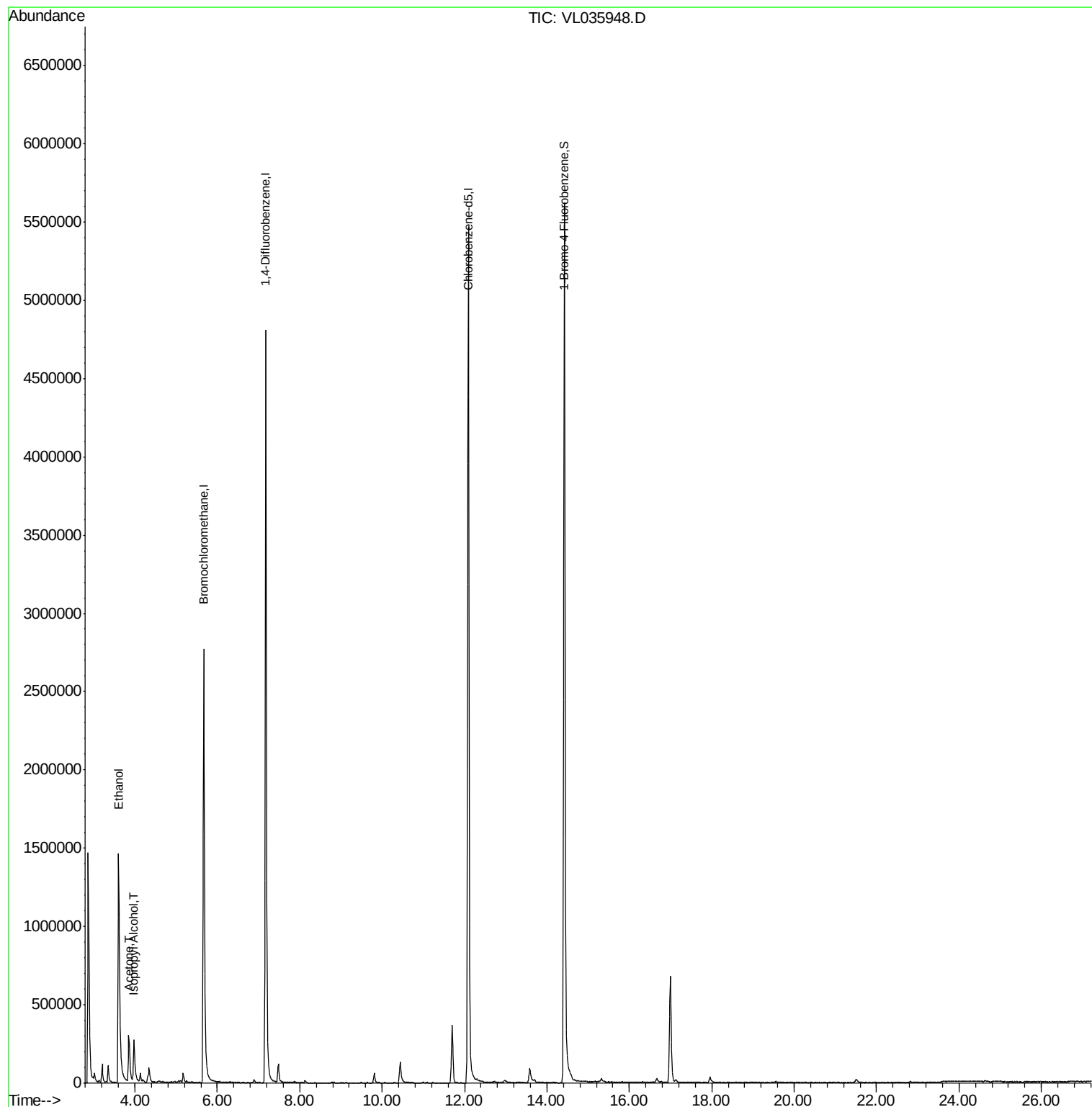
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	2179538	179.716	ppbv	95
15) Acetone	3.85	43	365609	2.681	ppbv	99
19) Isopropyl Alcohol	3.98	45	383372	4.575	ppbv #	96

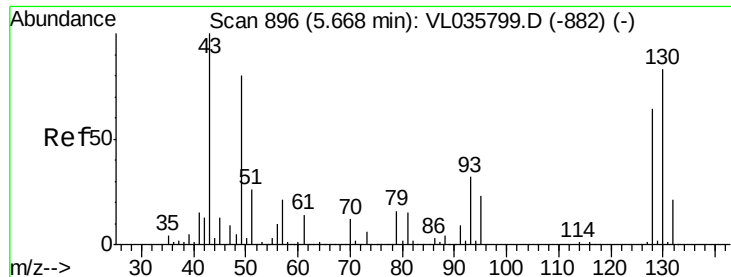
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

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SR-1DL

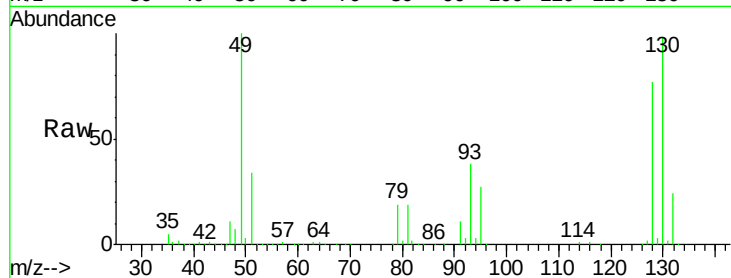
Tot Ion: 49 Resp: 1275402

Ion Ratio Lower Upper

49 100

128 77.0 41.5 124.6

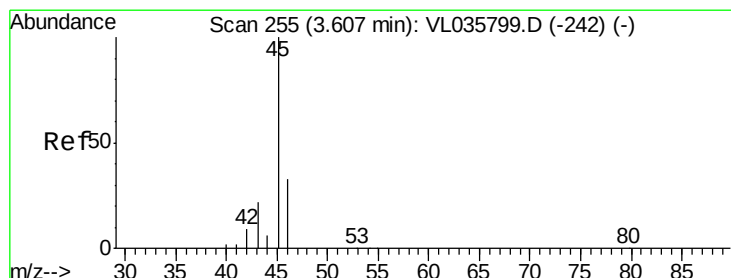
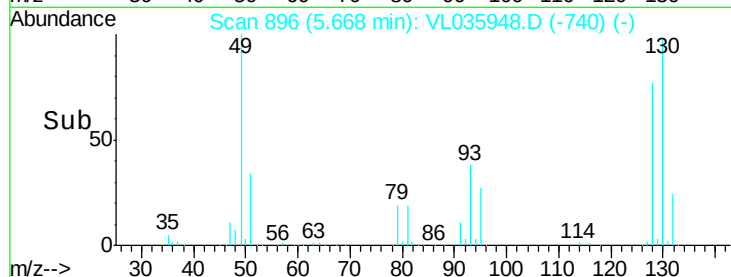
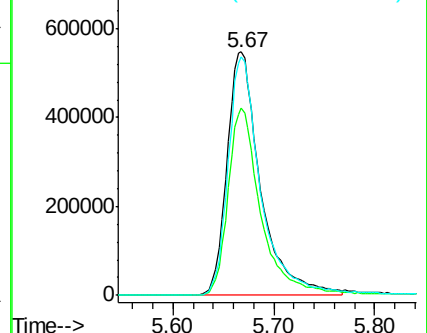
130 97.5 53.7 161.1



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: 179.716 ppbv

RT: 3.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: VL035948.D

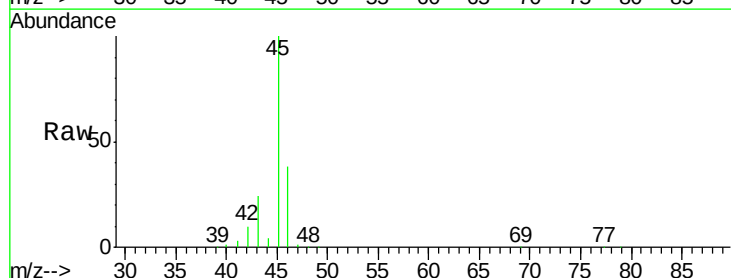
Acq: 16 Nov 2020 17:56

Tgt Ion: 45 Resp: 2179538

Ion Ratio Lower Upper

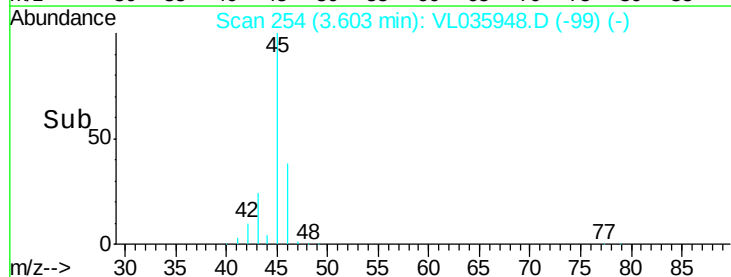
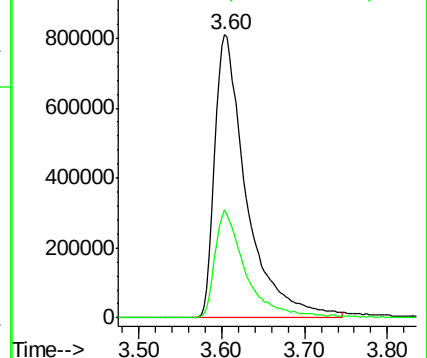
45 100

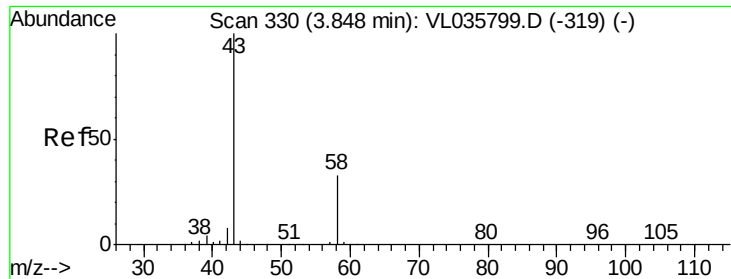
46 37.5 16.1 64.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 2.681 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

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MSVOA_L

ClientSampleId :

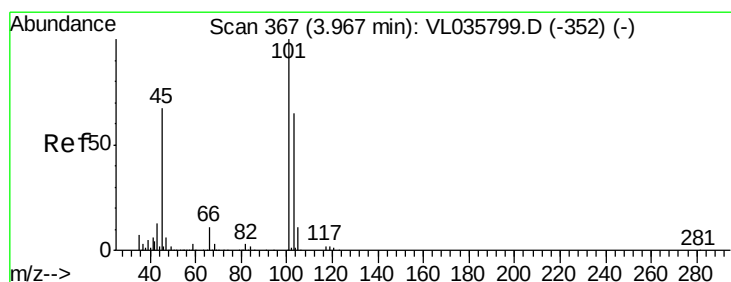
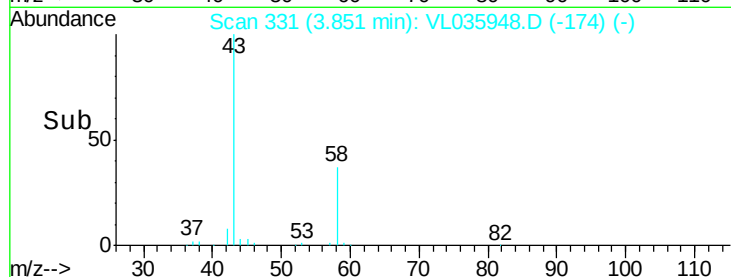
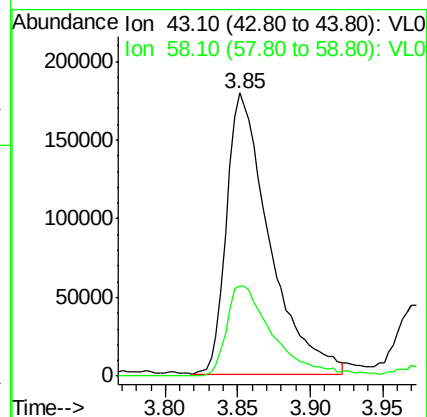
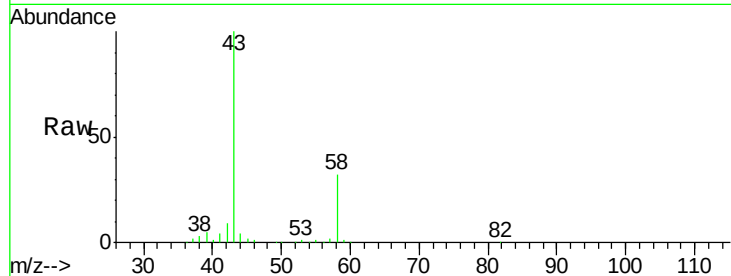
SR-1DL

Tot Ion: 43 Resp: 365609

Ion Ratio Lower Upper

43 100

58 35.1 27.5 41.3



#19

Isopropyl Alcohol

Concen: 4.575 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

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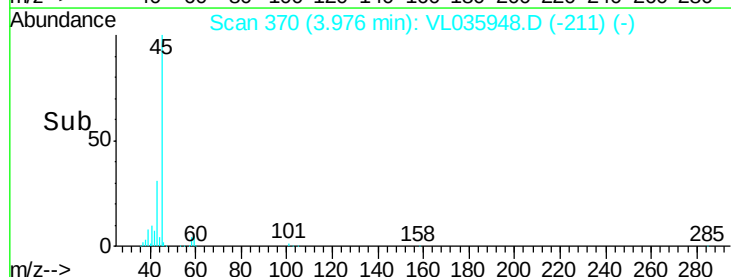
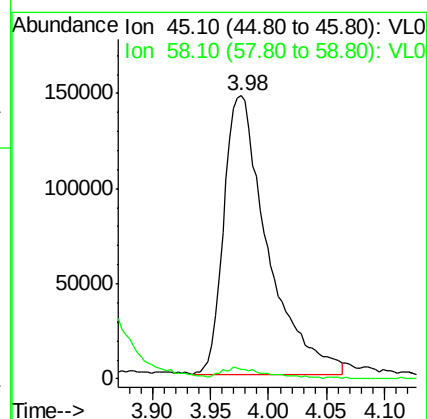
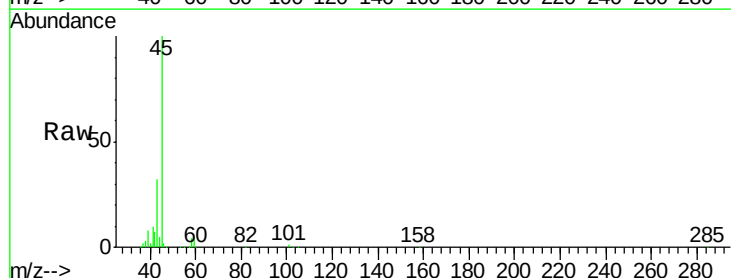
Acq: 16 Nov 2020 17:56

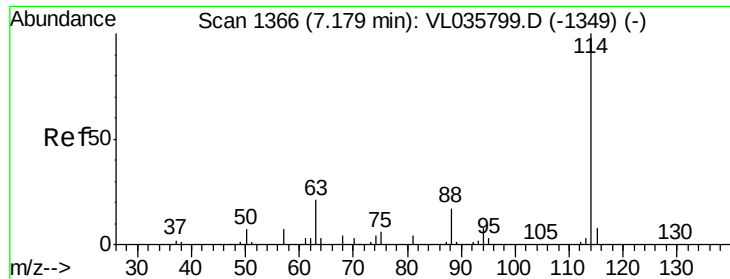
Tgt Ion: 45 Resp: 383372

Ion Ratio Lower Upper

45 100

58 4.5 2.6 3.8#

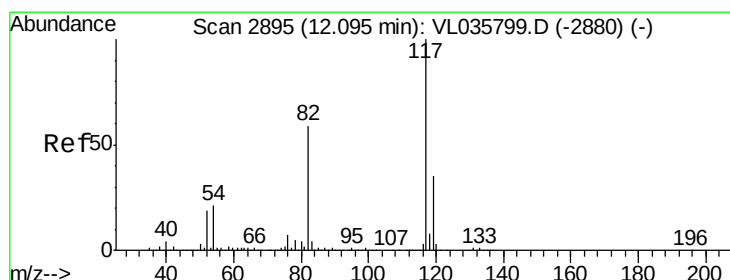
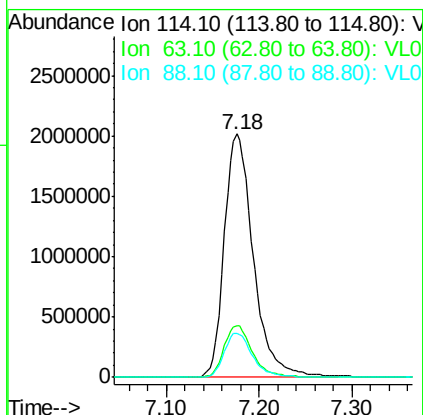
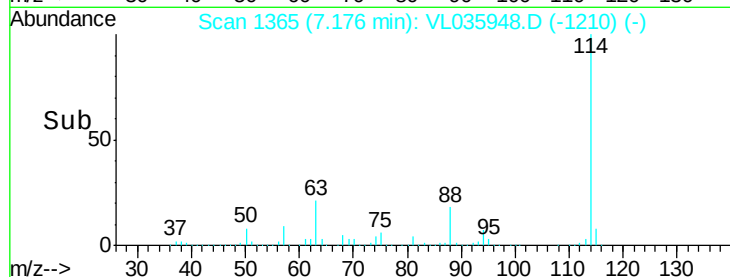
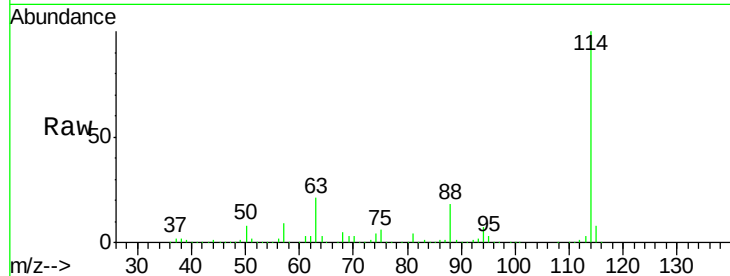




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL035948.D
 Acq: 16 Nov 2020 17:56

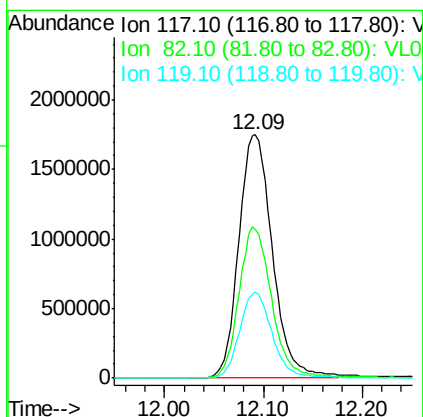
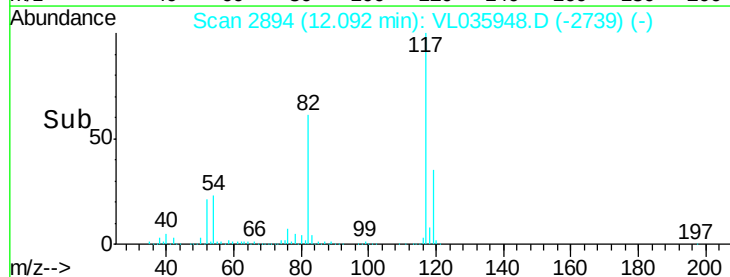
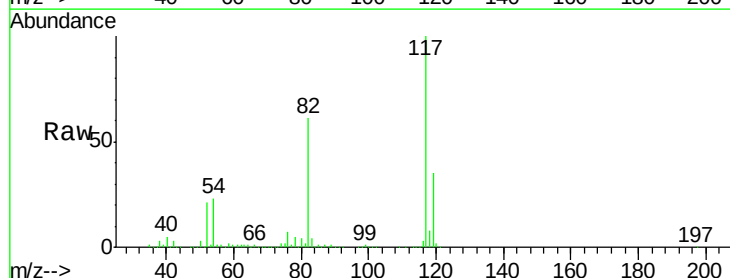
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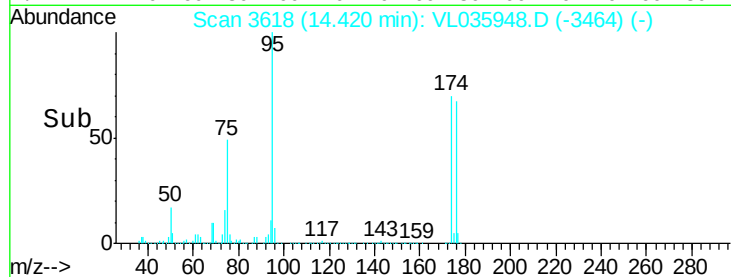
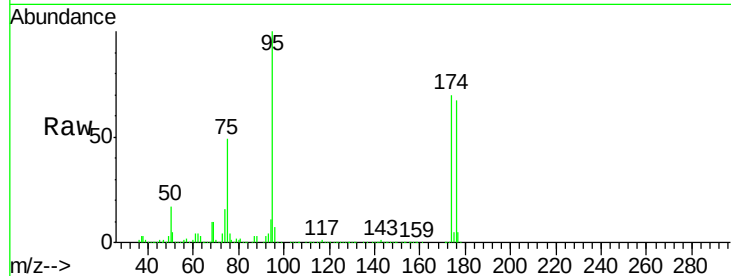
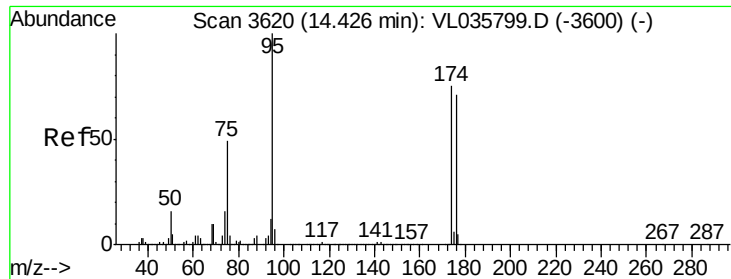
Tot Ion:114 Resp: 4388597
 Ion Ratio Lower Upper
 114 100
 63 20.9 16.1 24.1
 88 17.7 13.7 20.5



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2894
 Delta R.T. -0.00 min
 Lab File: VL035948.D
 Acq: 16 Nov 2020 17:56

Tgt Ion:117 Resp: 4138270
 Ion Ratio Lower Upper
 117 100
 82 61.6 50.6 76.0
 119 34.6 52.6 78.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.518 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL035948.D

Acq: 16 Nov 2020 17:56

Instrument :

MSVOA_L

ClientSampleId :

SR-1DL

Tot Ion: 95 Resp: 3092403

Ion Ratio Lower Upper

95 100

174 72.3 59.8 89.6

175 5.0 4.3 6.5

