

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032921\
 Data File : VL036555.D
 Acq On : 30 Mar 2021 1:43
 Operator : SY/AP
 Sample : M1759-05DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103DL

Quant Time: Mar 30 11:52:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1475550	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3301025	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3006632	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2250653	9.39	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.90%

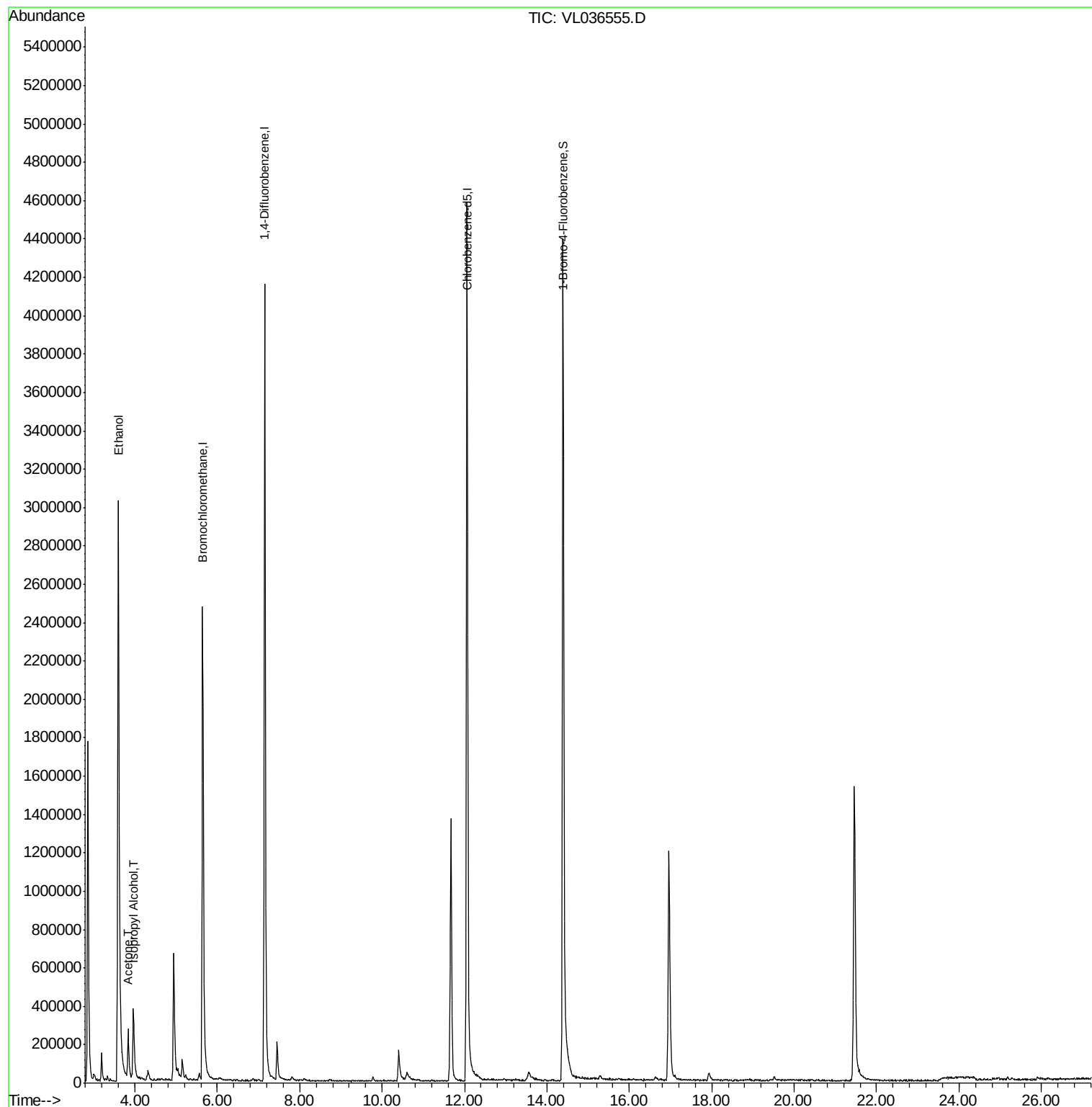
Target Compounds					Ovalue
13) Ethanol	3.59	45	4594343	438.979 ppbv	95
15) Acetone	3.83	43	302693	2.084 ppbv #	86
19) Isopropyl Alcohol	3.96	45	493638	6.179 ppbv	99

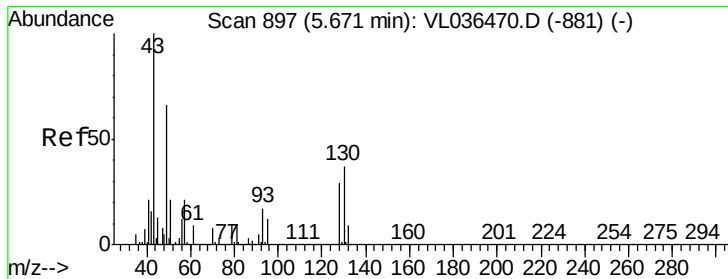
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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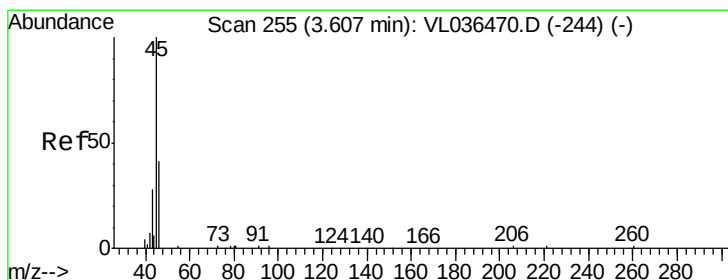
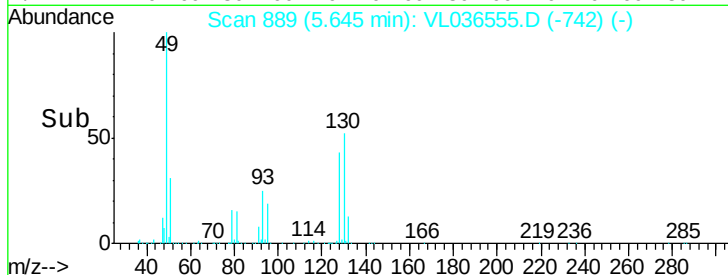
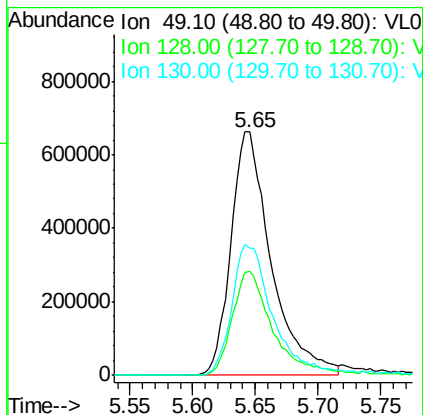
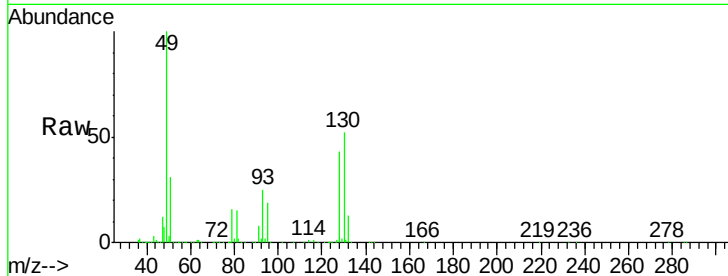




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 889
 Delta R.T. -0.03 min
 Lab File: VL036555.D
 Acq: 30 Mar 2021 1:43

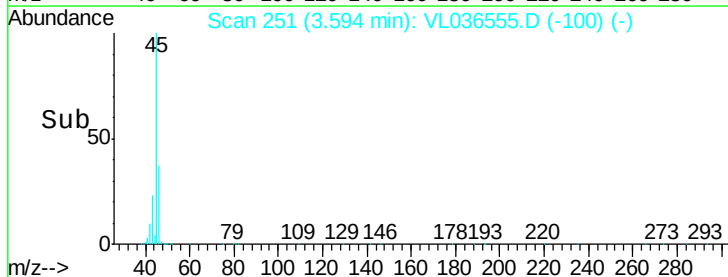
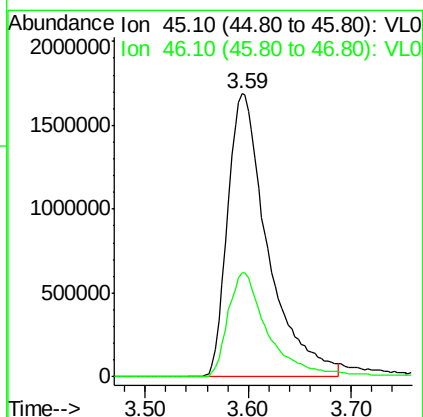
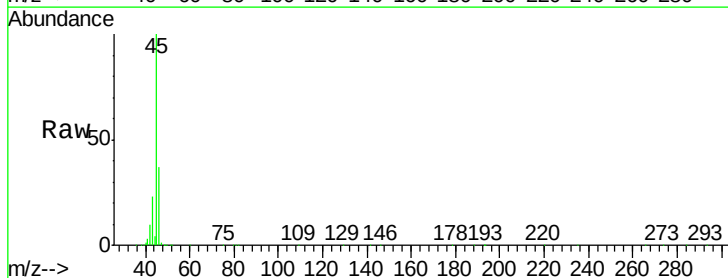
Instrument :
 MSVOA_L
 ClientSampleId :
 EP-103DL

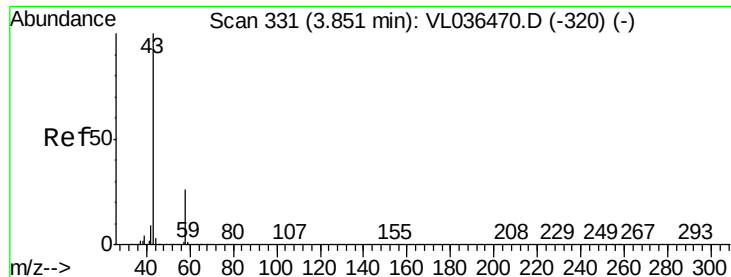
Tot Ion: 49 Resp: 1475550
 Ion Ratio Lower Upper
 49 100
 128 43.6 23.5 70.6
 130 56.7 29.1 87.4



#13
 Ethanol
 Concen: 438.979 ppbv
 RT: 3.59 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: VL036555.D
 Acq: 30 Mar 2021 1:43

Tgt Ion: 45 Resp: 4594343
 Ion Ratio Lower Upper
 45 100
 46 38.0 16.6 66.2





#15

Acetone

Concen: 2.084 ppbv

RT: 3.83 min Scan# 326

Delta R.T. -0.02 min

Lab File: VL036555.D

Acq: 30 Mar 2021 1:43

Instrument :

MSVOA_L

ClientSampleId :

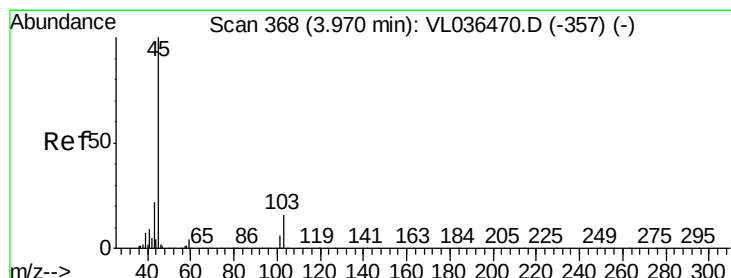
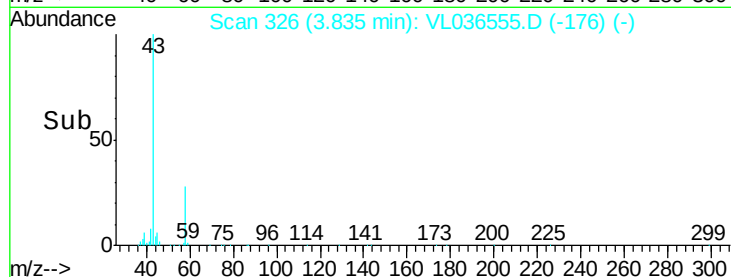
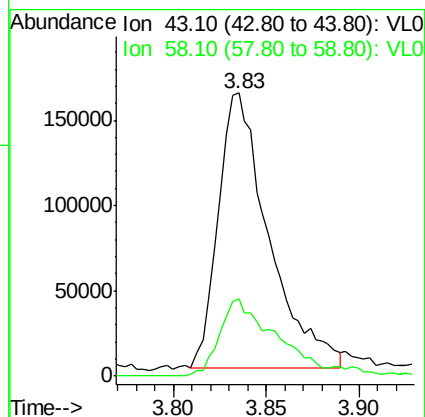
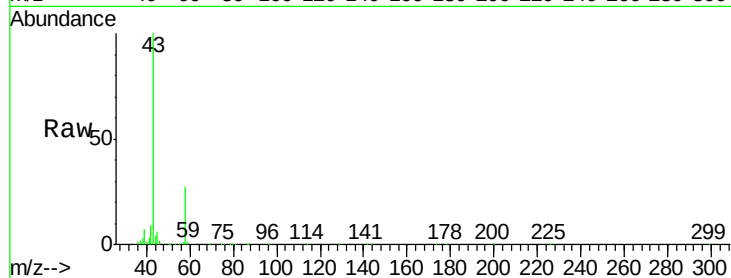
EP-103DL

Tot Ion: 43 Resp: 302693

Ion Ratio Lower Upper

43 100

58 33.7 21.2 31.8#



#19

Isopropyl Alcohol

Concen: 6.179 ppbv

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VL036555.D

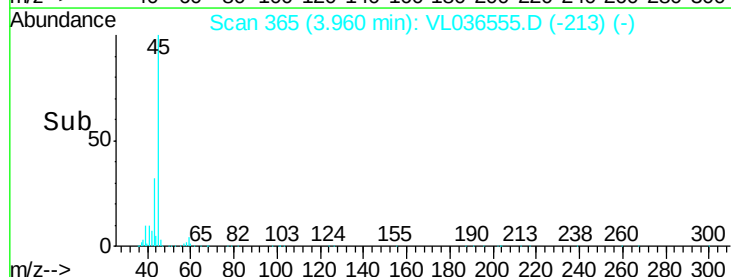
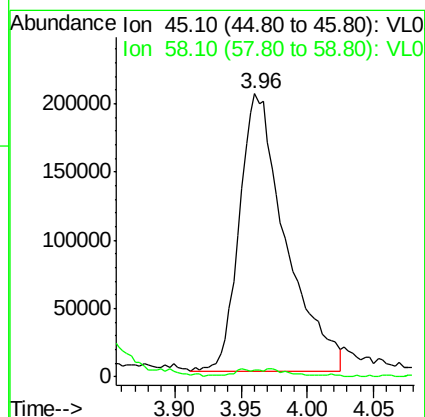
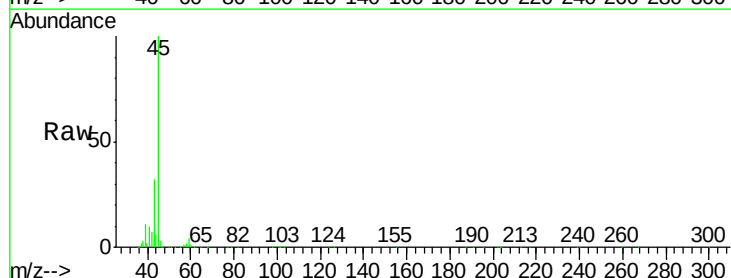
Acq: 30 Mar 2021 1:43

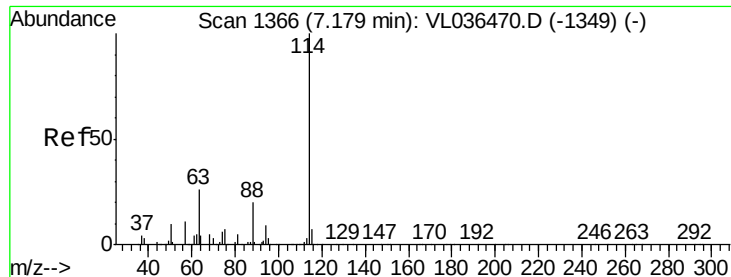
Tgt Ion: 45 Resp: 493638

Ion Ratio Lower Upper

45 100

58 3.1 2.9 4.3

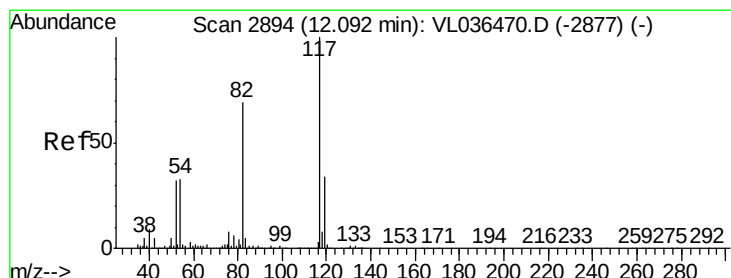
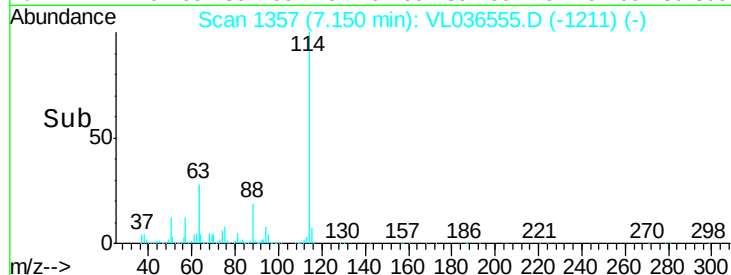
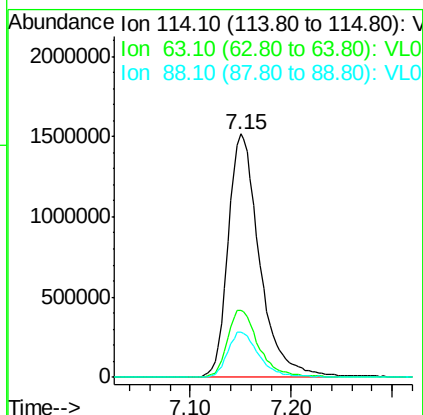
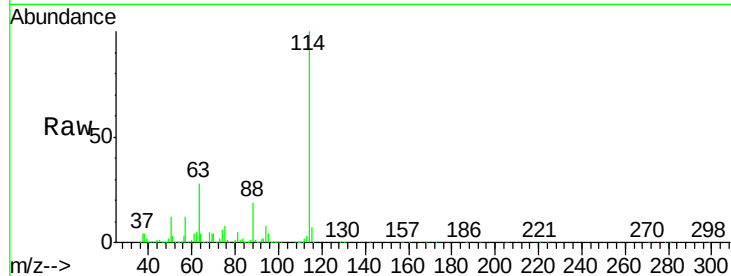




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: VL036555.D
 Acq: 30 Mar 2021 1:43

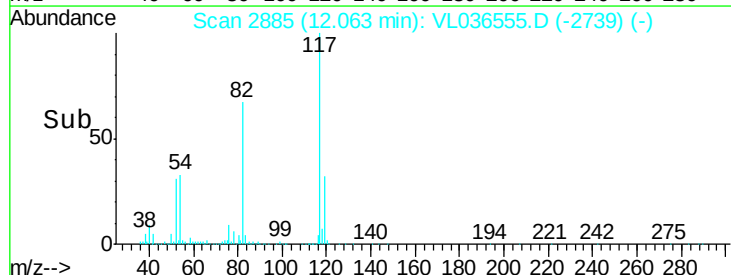
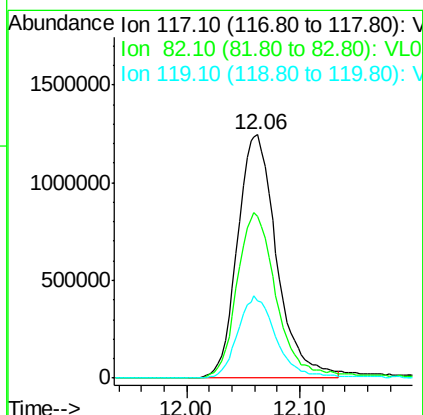
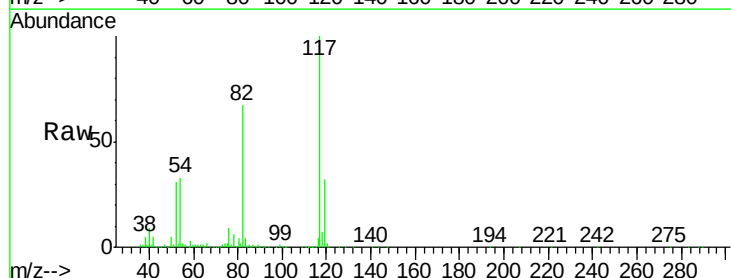
Instrument :
 MSVOA_L
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 EP-103DL

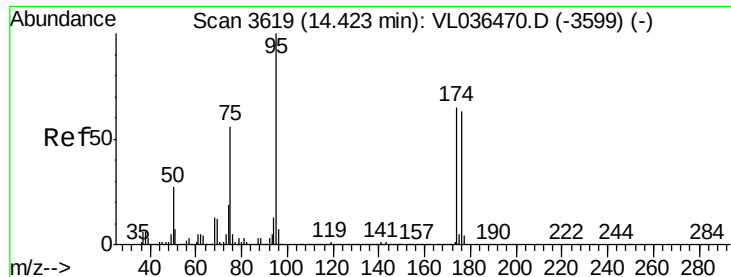
Tot Ion:114 Resp: 3301025
 Ion Ratio Lower Upper
 114 100
 63 27.7 22.4 33.6
 88 18.9 15.4 23.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.03 min
 Lab File: VL036555.D
 Acq: 30 Mar 2021 1:43

Tgt Ion:117 Resp: 3006632
 Ion Ratio Lower Upper
 117 100
 82 71.1 57.4 86.0
 119 33.8 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.392 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.03 min

Lab File: VL036555.D

Acq: 30 Mar 2021 1:43

Instrument :

MSVOA_L

ClientSampleId :

EP-103DL

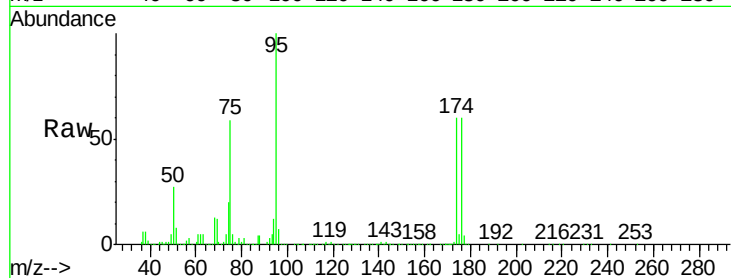
Tot Ion: 95 Resp: 2250653

Ion Ratio Lower Upper

95 100

174 67.5 51.0 76.6

175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

