

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022521\
 Data File : VL036379.D
 Acq On : 25 Feb 2021 12:58
 Operator : SY/AP
 Sample : VL0225ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 26 00:35:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1630784	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	3449702	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3141602	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2611453	10.10	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

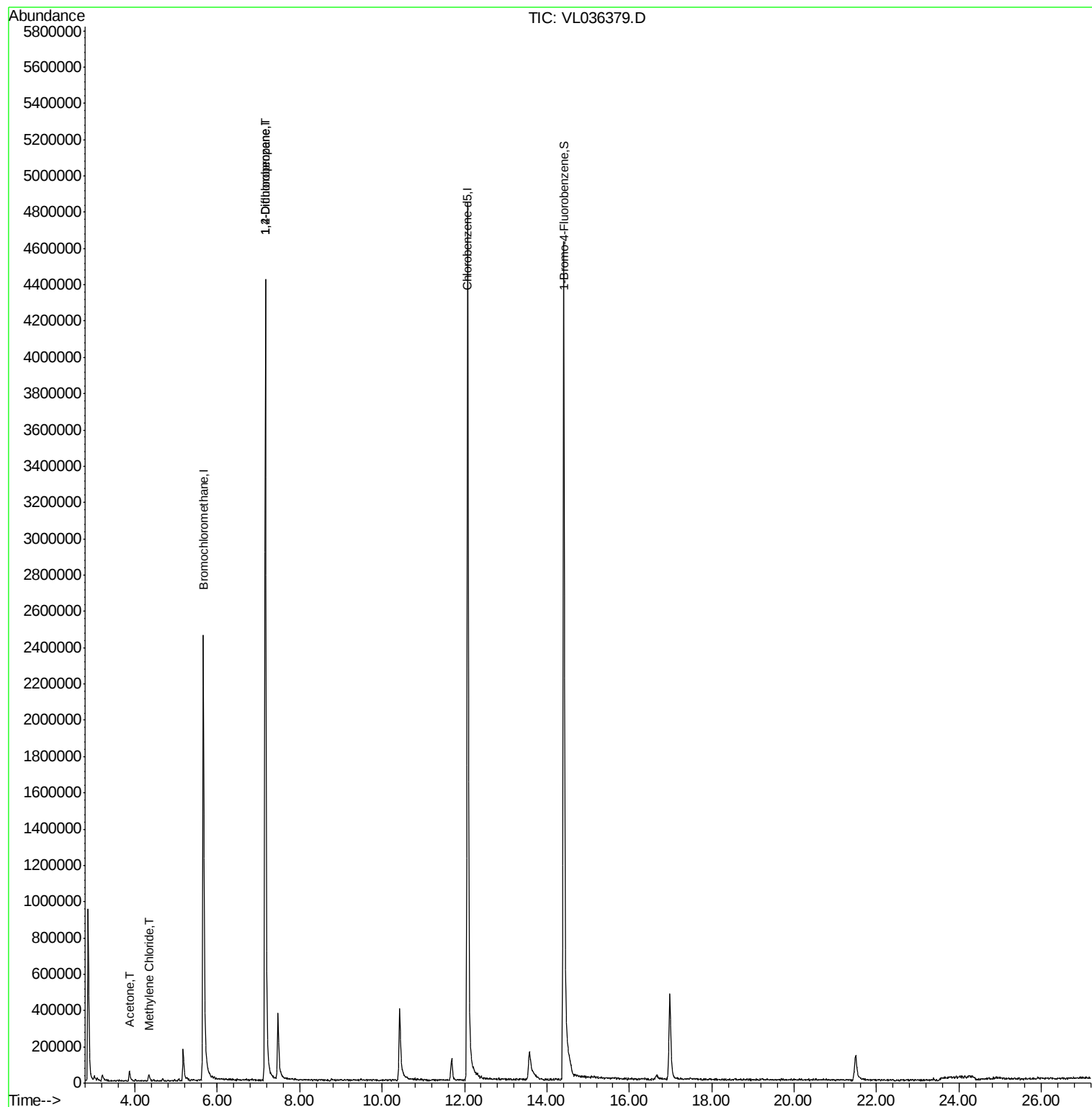
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	21786	0.109	ppbv #	50
20) Methylene Chloride	4.34	84	9590	0.149	ppbv	89
39) 1,2-Dichloropropane	7.16	63	1000304	8.403	ppbv #	23

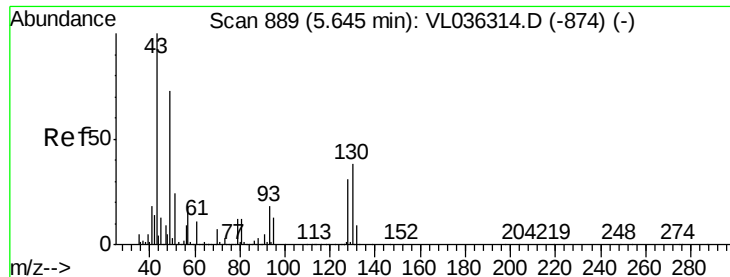
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.01 min

Lab File: VL036379.D

Acq: 25 Feb 2021 12:58

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MSVOA_L

ClientSampleId :

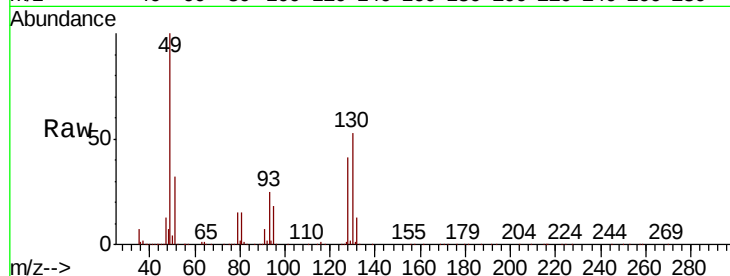
Tot Ion: 49 Resp: 1630784

Ion Ratio Lower Upper

49 100

128 42.1 20.8 62.5

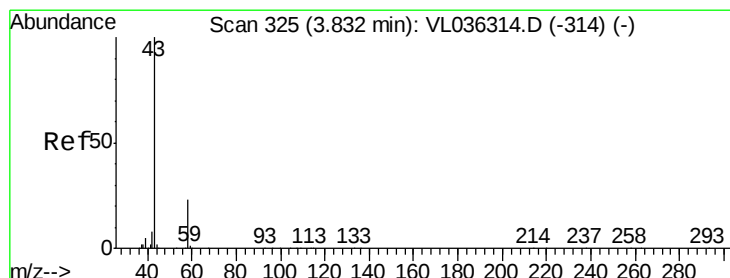
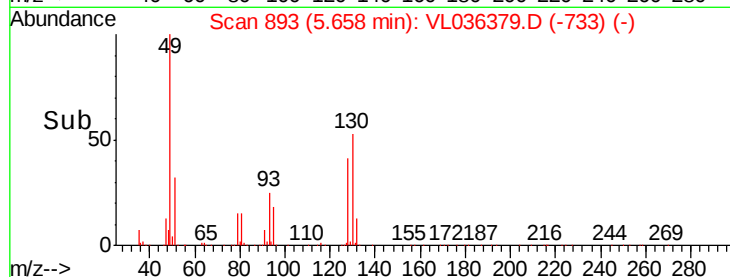
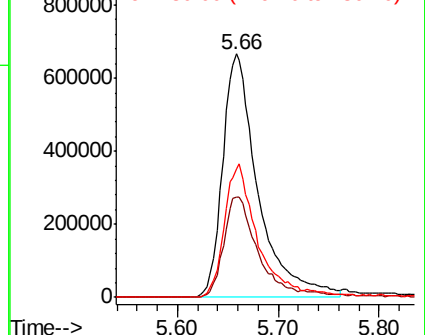
130 53.6 26.7 80.1



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



#15

Acetone

Concen: 0.109 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.03 min

Lab File: VL036379.D

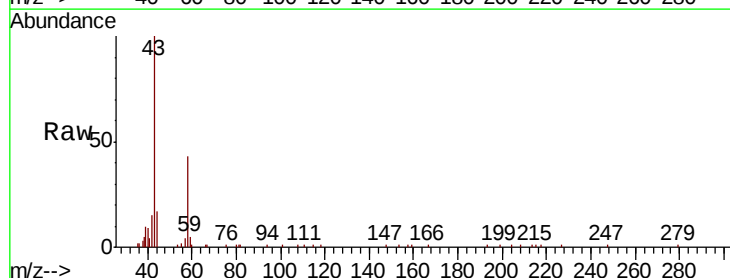
Acq: 25 Feb 2021 12:58

Tgt Ion: 43 Resp: 21786

Ion Ratio Lower Upper

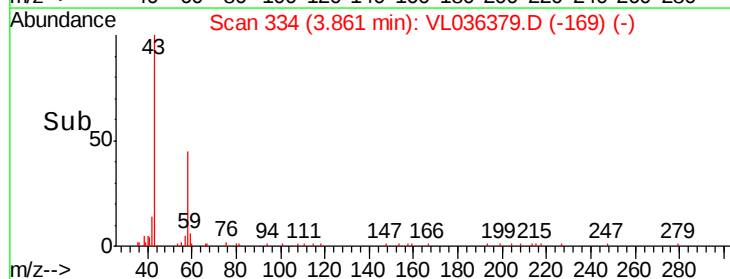
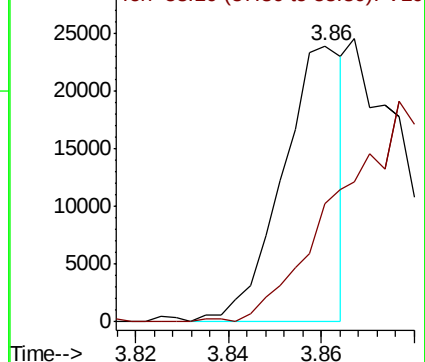
43 100

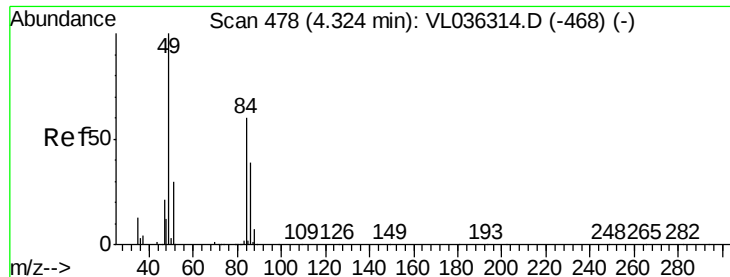
58 0.0 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

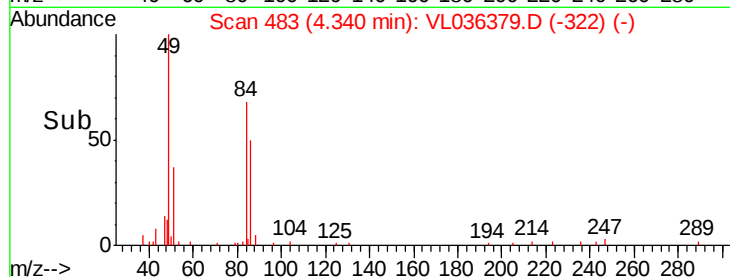
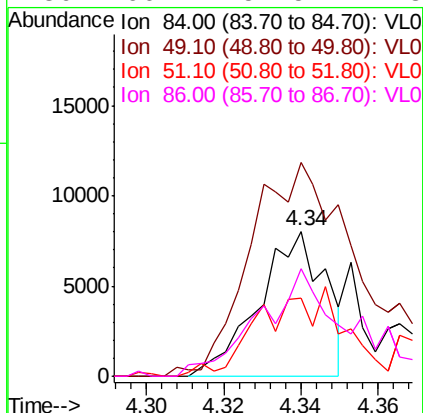
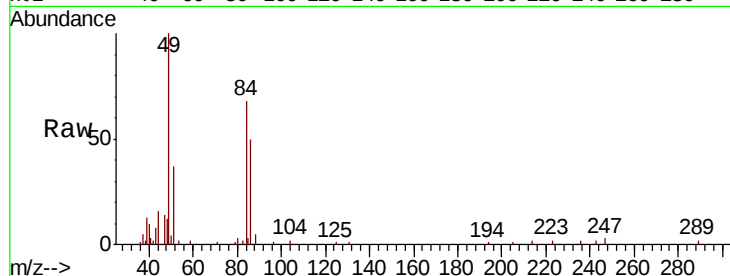




#20
Methylene Chloride
Concen: 0.149 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.02 min
Lab File: VL036379.D
Acq: 25 Feb 2021 12:58

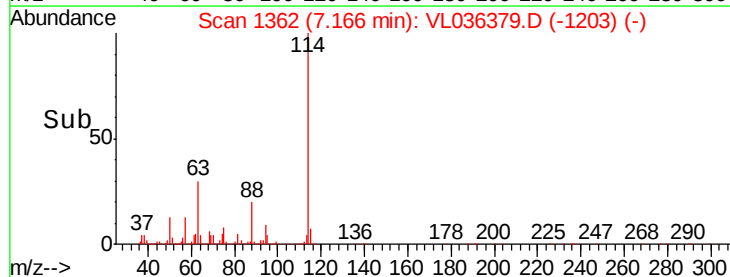
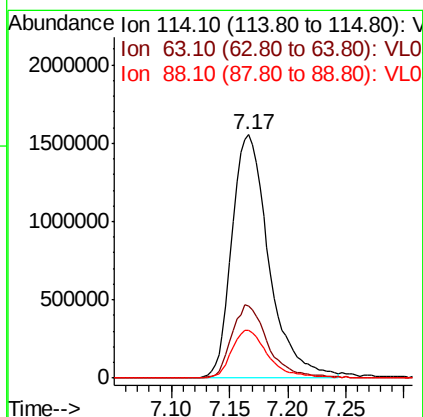
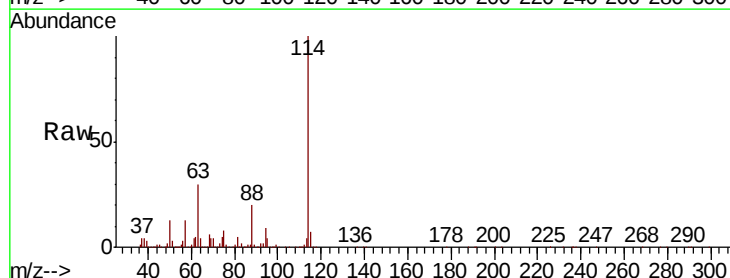
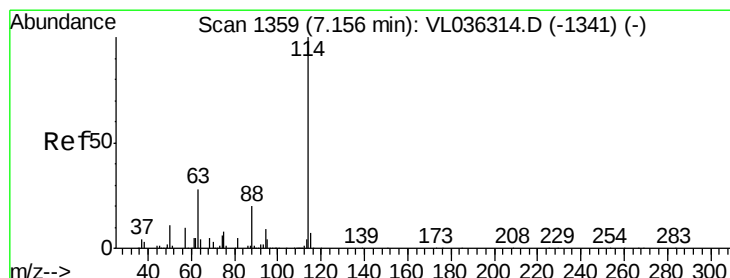
Instrument :
MSVOA_L
ClientSampleId :

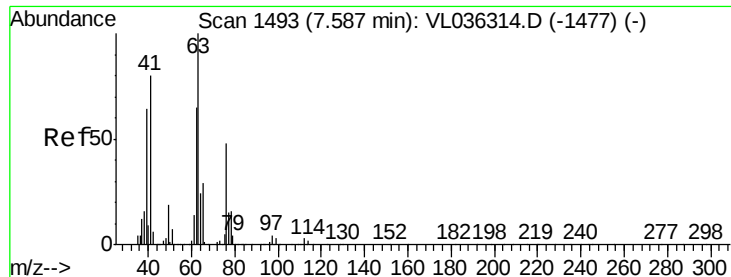
Tot Ion:	84	Resp:	9590
Ion	Ratio	Lower	Upper
84	100		
49	143.0	133.8	200.8
51	50.9	41.4	62.0
86	66.4	51.5	77.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VL036379.D
Acq: 25 Feb 2021 12:58

Tgt Ion:	114	Resp:	3449702
Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.1	36.1
88	19.8	16.0	24.0

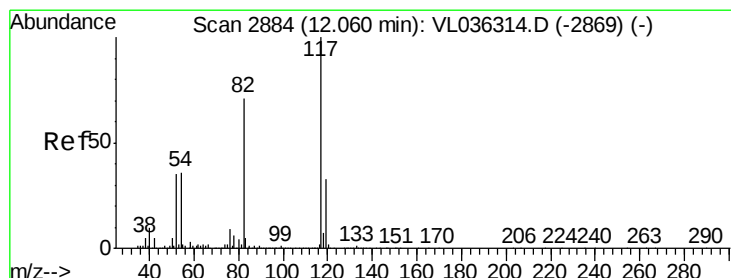
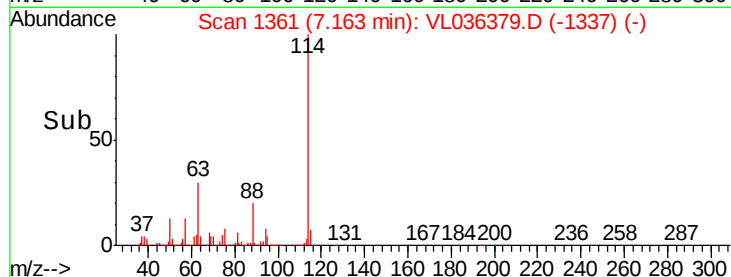
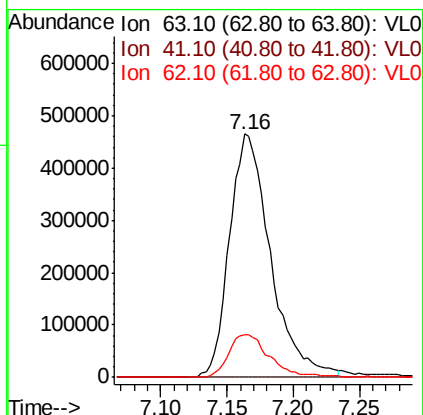
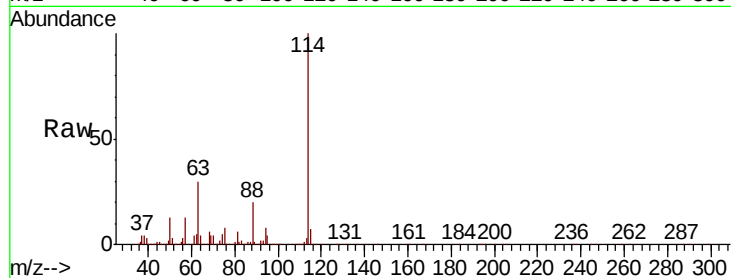




#39
 1,2-Dichloropropane
 Concen: 8.403 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.42 min
 Lab File: VL036379.D
 Acq: 25 Feb 2021 12:58

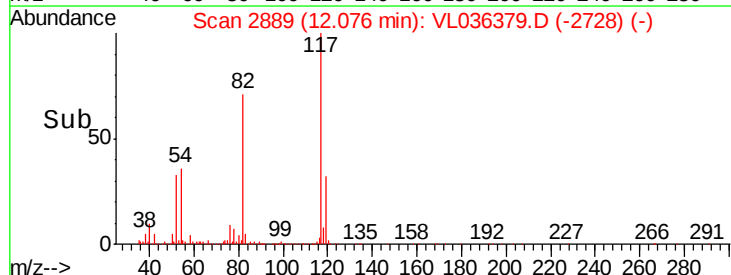
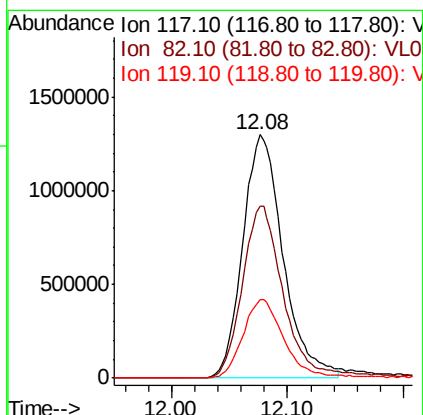
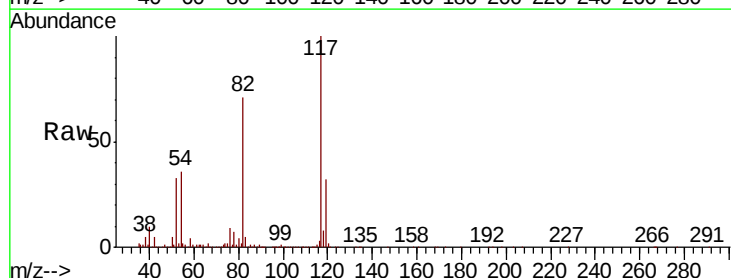
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 ClientSampleId :

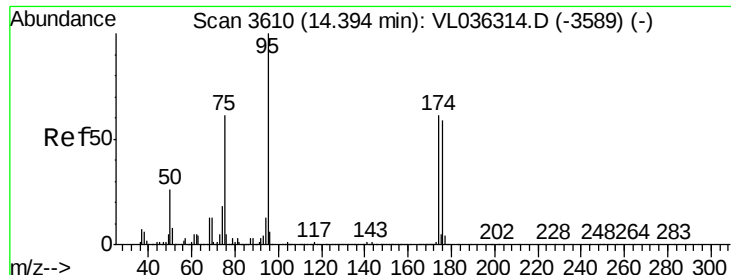
Tot Ion: 63 Resp: 1000304
 Ion Ratio Lower Upper
 63 100
 41 0.0 63.8 95.6#
 62 17.2 52.3 78.5#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2889
 Delta R.T. 0.02 min
 Lab File: VL036379.D
 Acq: 25 Feb 2021 12:58

Tgt Ion: 117 Resp: 3141602
 Ion Ratio Lower Upper
 117 100
 82 74.5 59.1 88.7
 119 33.9 46.3 69.5#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.103 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.01 min

Lab File: VL036379.D

Acq: 25 Feb 2021 12:58

Instrument :

MSVOA_L

ClientSampleId :

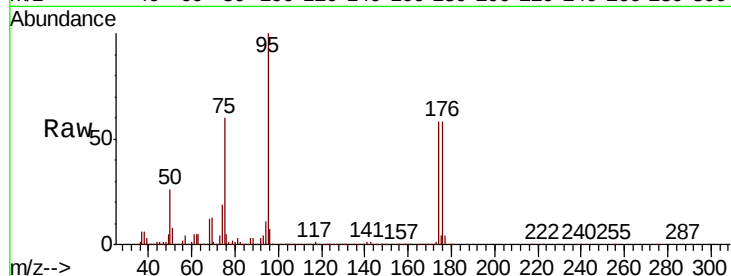
Tot Ion: 95 Resp: 2611453

Ion Ratio Lower Upper

95 100

174 62.2 49.8 74.6

175 4.6 3.7 5.5



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

