

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120919\
 Data File : VL034464.D
 Acq On : 9 Dec 2019 14:09
 Operator : SY/AP
 Sample : VL1203ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1209ABL01

Quant Time: Dec 10 03:39:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	886488	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.19	114	1741431	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.13	117	1754460	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1490352	10.10	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

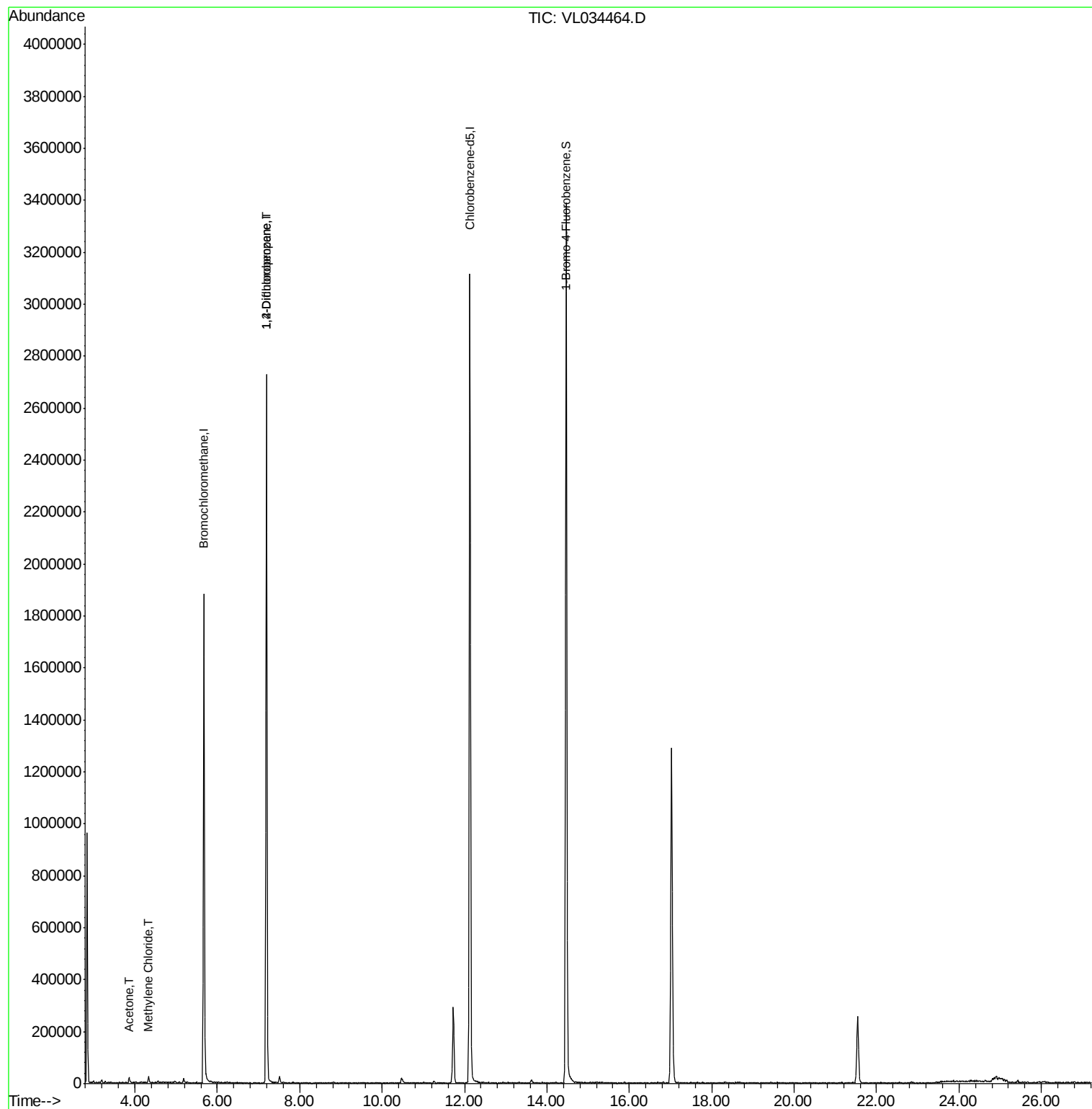
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.85	43	9010	0.071	ppbv #	50
20) Methylene Chloride	4.33	84	6434	0.143	ppbv	89
39) 1,2-Dichloropropane	7.19	63	514004	7.664	ppbv #	23

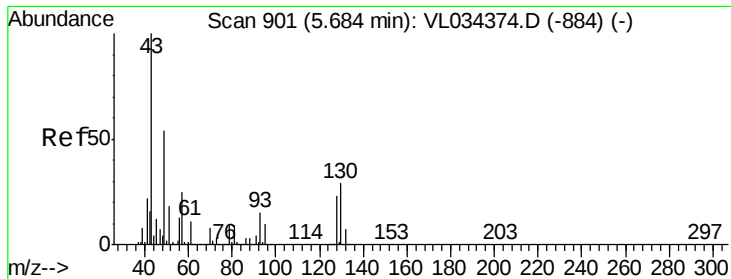
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

VL1209ABL01

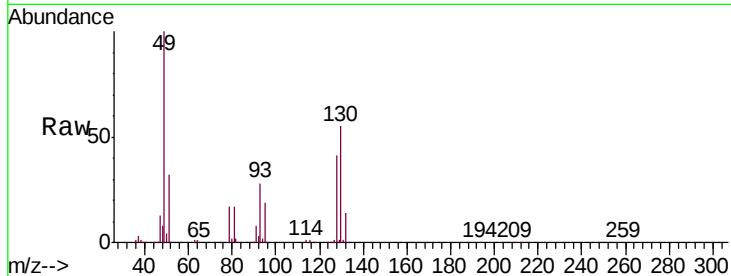
Tgt Ion: 49 Resp: 886488

Ion Ratio Lower Upper

49 100

128 42.9 21.8 65.3

130 56.6 28.0 84.0



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

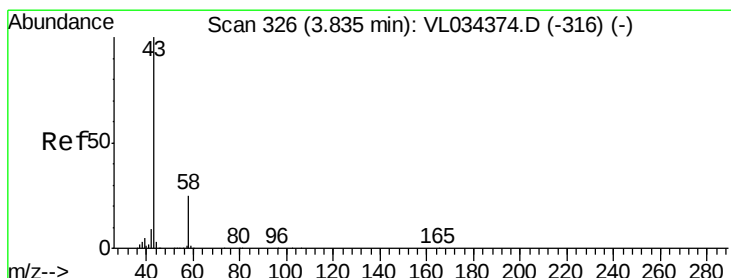
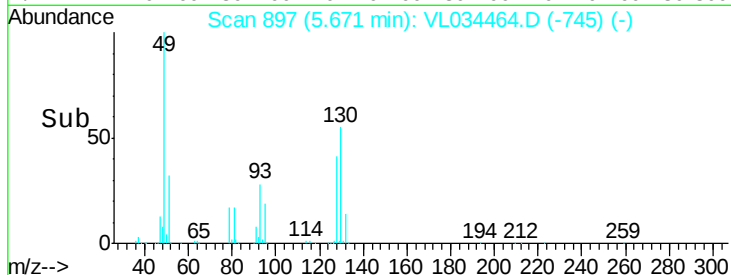
5.67

400000

200000

0

Time-->



#15

Acetone

Concen: 0.071 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.02 min

Lab File: VL034464.D

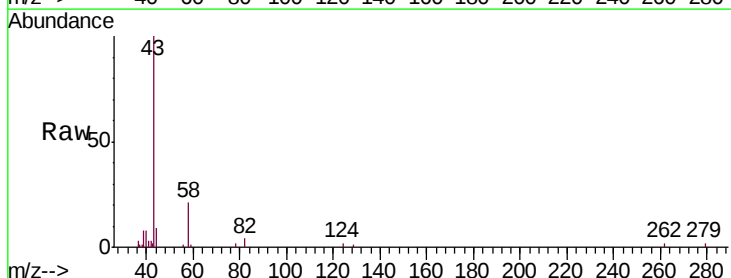
Acq: 9 Dec 2019 14:09

Tgt Ion: 43 Resp: 9010

Ion Ratio Lower Upper

43 100

58 0.0 20.2 30.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.85

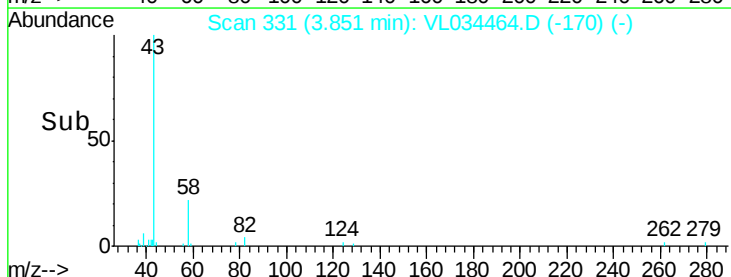
15000

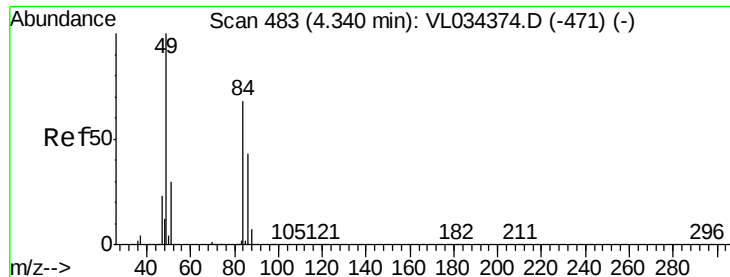
10000

5000

0

Time-->

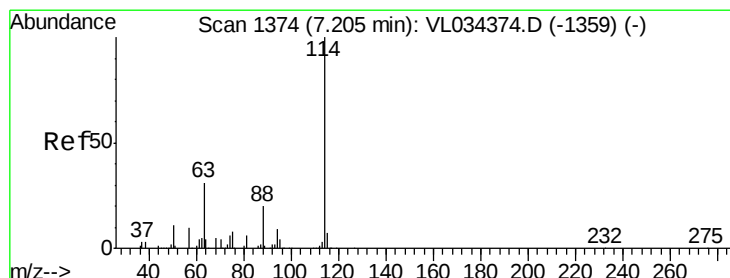
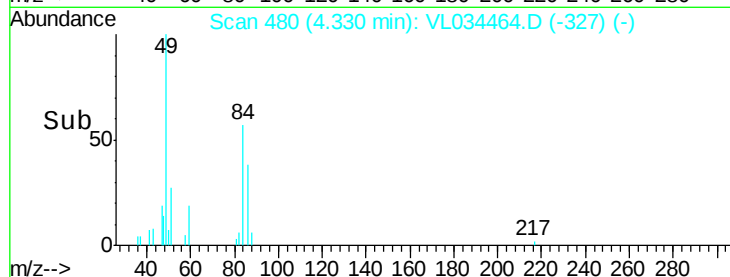
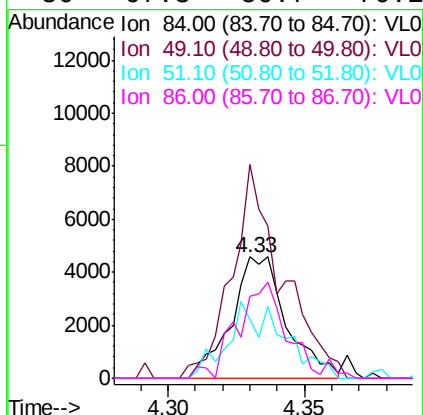
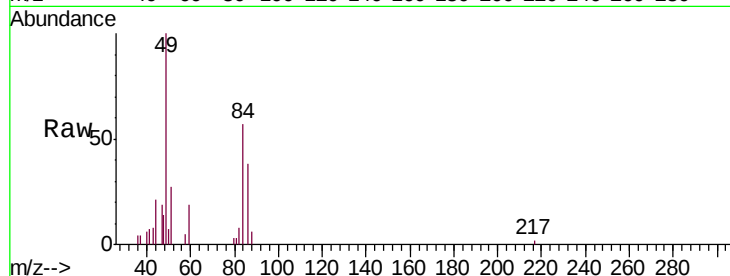




#20
Methylene Chloride
Concen: 0.143 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL034464.D
Acq: 9 Dec 2019 14:09

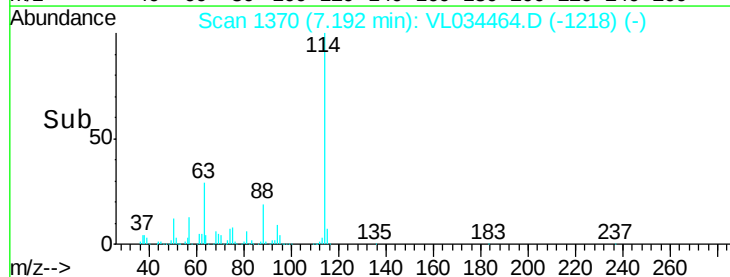
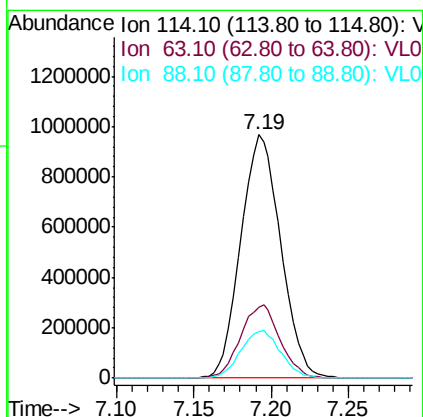
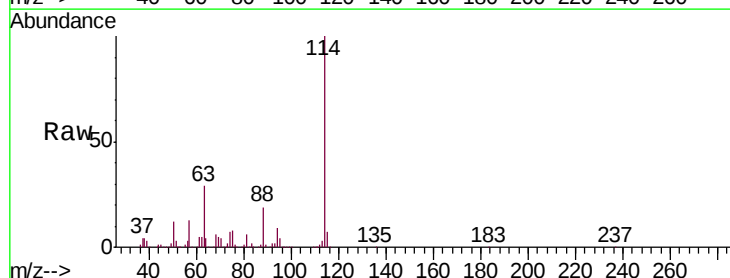
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VL1209ABL01

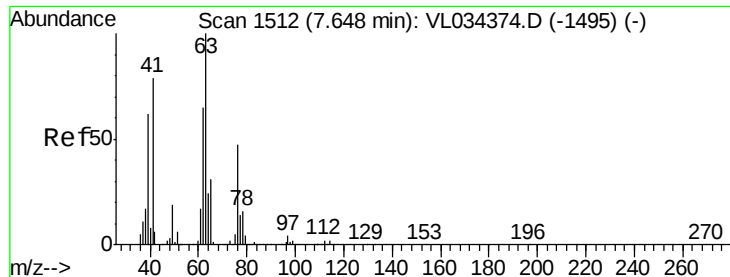
Tgt Ion:	84	Resp:	6434
Ion	Ratio	Lower	Upper
84	100		
49	165.2	116.8	175.2
51	48.4	35.6	53.4
86	67.3	50.7	76.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VL034464.D
Acq: 9 Dec 2019 14:09

Tgt Ion:	114	Resp:	1741431
Ion	Ratio	Lower	Upper
114	100		
63	29.8	24.2	36.4
88	19.6	15.9	23.9

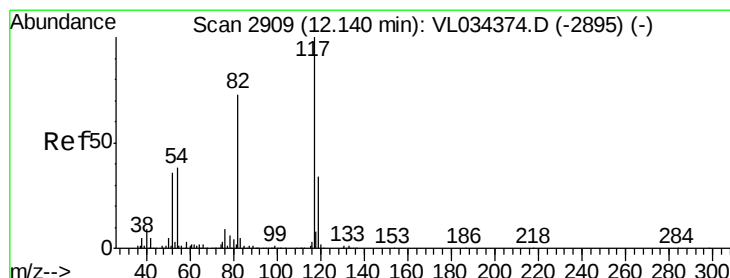
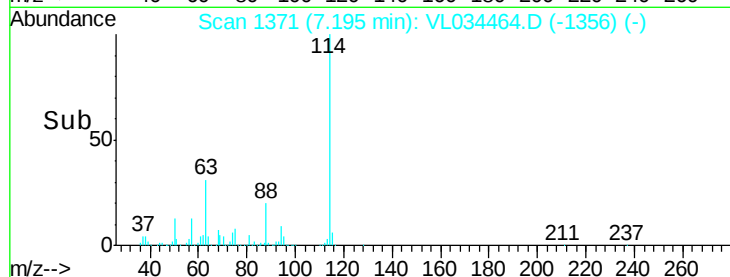
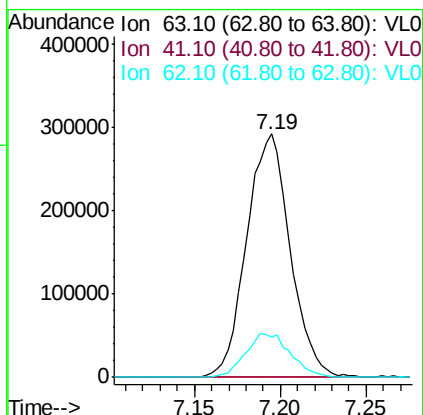
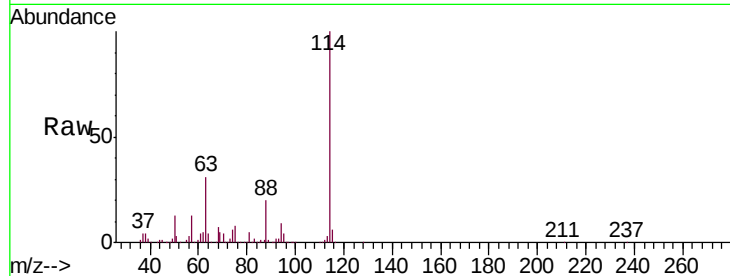




#39
 1,2-Dichloropropane
 Concen: 7.664 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. -0.45 min
 Lab File: VL034464.D
 Acq: 9 Dec 2019 14:09

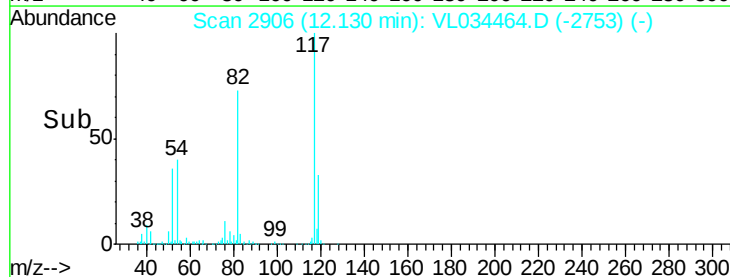
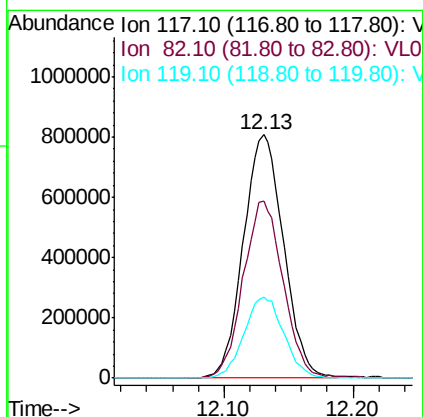
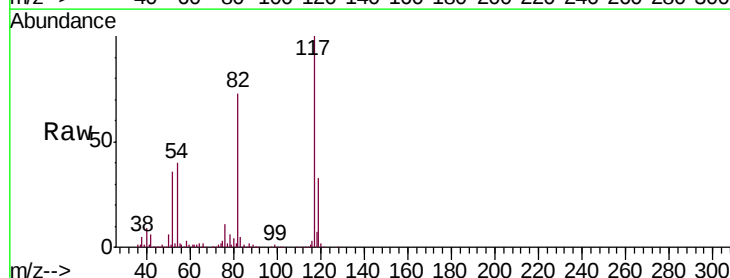
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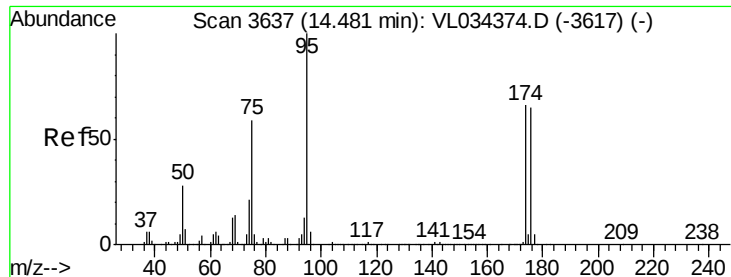
Tgt Ion: 63 Resp: 514004
 Ion Ratio Lower Upper
 63 100
 41 0.0 63.1 94.7#
 62 16.4 52.3 78.5#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2906
 Delta R.T. -0.01 min
 Lab File: VL034464.D
 Acq: 9 Dec 2019 14:09

Tgt Ion: 117 Resp: 1754460
 Ion Ratio Lower Upper
 117 100
 82 72.4 57.5 86.3
 119 33.0 25.4 38.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.097 ppbv

RT: 14.47 min Scan# 3633

Delta R.T. -0.01 min

Lab File: VL034464.D

Acq: 9 Dec 2019 14:09

Instrument :

MSVOA_L

ClientSampleId :

VL1209ABL01

Tgt Ion: 95 Resp: 1490352

Ion Ratio Lower Upper

95 100

174 64.4 52.2 78.2

175 4.5 3.8 5.8

