

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034371.D
 Acq On : 25 Oct 2019 19:42
 Operator : SY/AP
 Sample : QC102419 CAN 10267
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102419 CAN 10267

Quant Time: Oct 25 23:29:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	906807	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1782909	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	1754386	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1502393	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

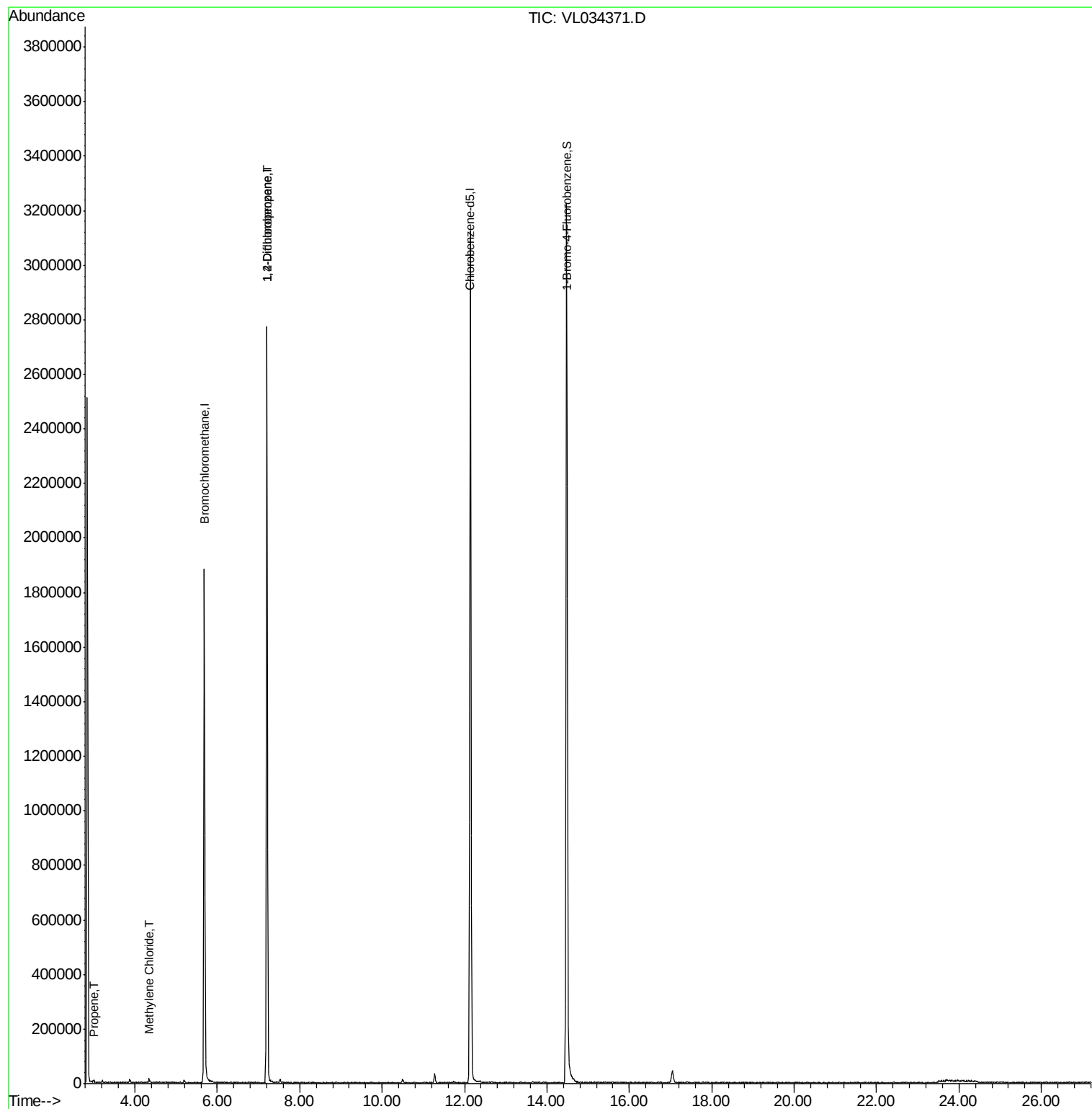
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	2.99	41	1482	0.031	ppbv #	16
20) Methylene Chloride	4.34	84	3999	0.085	ppbv #	73
39) 1,2-Dichloropropane	7.20	63	538676	7.313	ppbv #	23

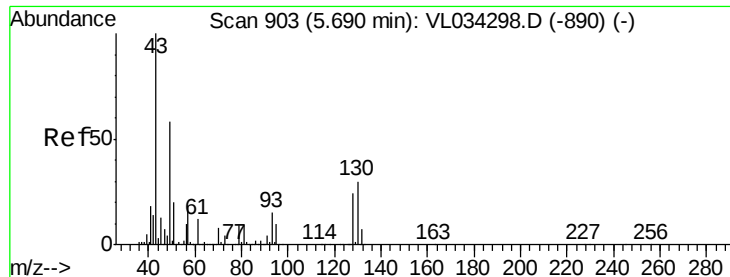
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

QC102419 CAN 10267

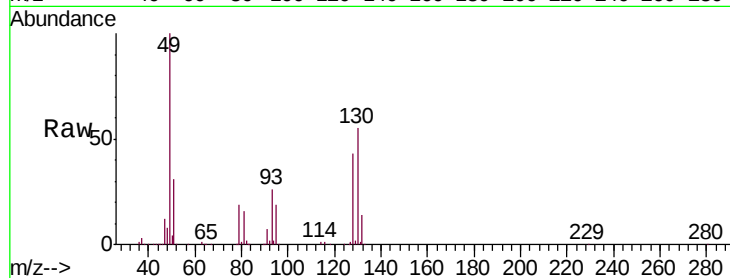
Tgt Ion: 49 Resp: 906807

Ion Ratio Lower Upper

49 100

128 43.2 20.6 61.8

130 55.6 26.2 78.5

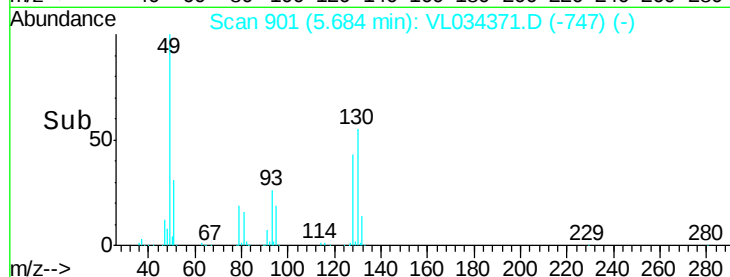


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



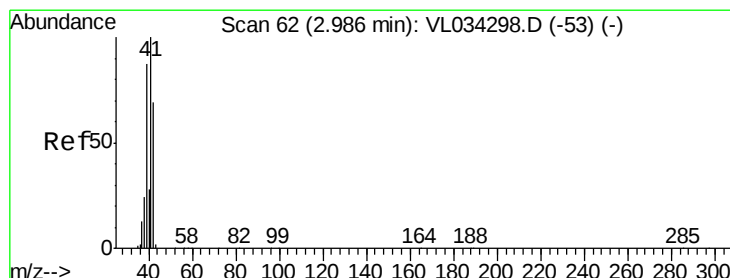
5.68

400000

200000

0

5.60 5.65 5.70 5.75



#9

Propene

Concen: 0.031 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.00 min

Lab File: VL034371.D

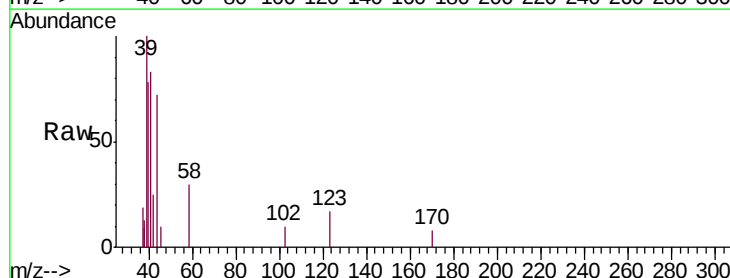
Acq: 25 Oct 2019 19:42

Tgt Ion: 41 Resp: 1482

Ion Ratio Lower Upper

41 100

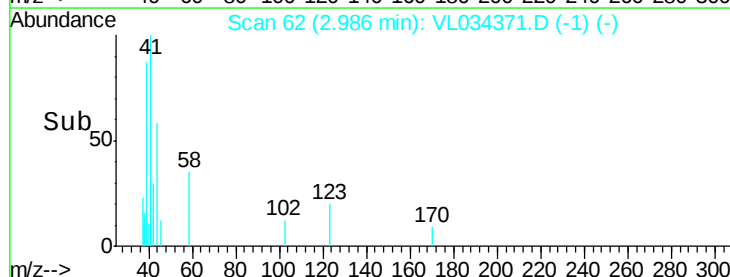
42 0.0 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Time-->



2.99

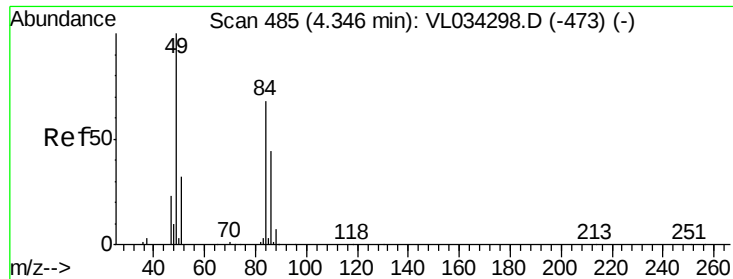
1500

1000

500

0

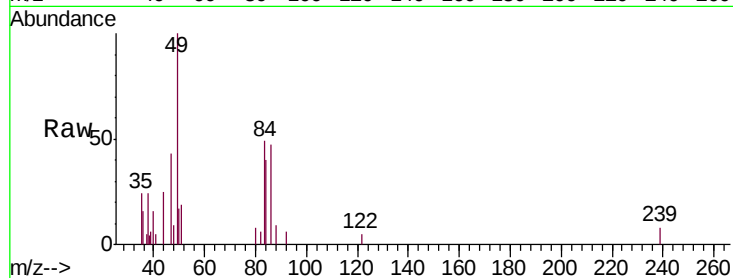
2.97 2.98 2.99 3.00



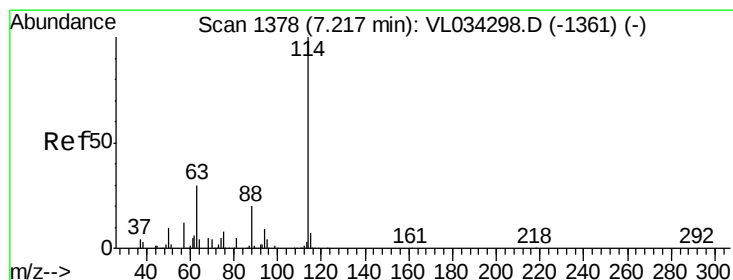
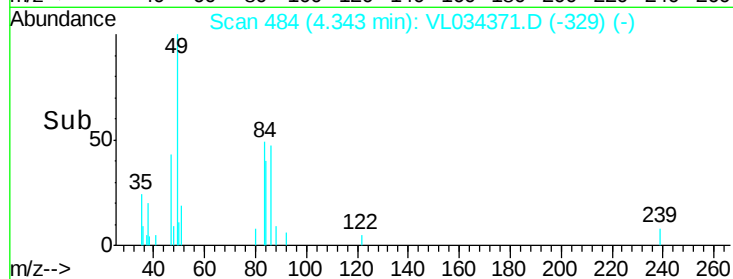
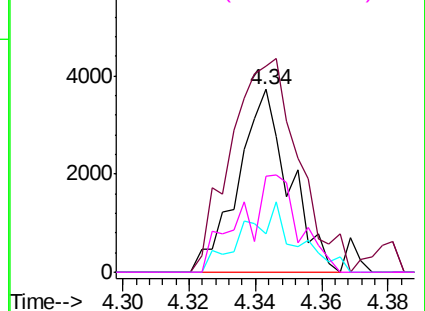
#20
Methylene Chloride
Concen: 0.085 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL034371.D
Acq: 25 Oct 2019 19:42

Instrument :
MSVOA_L
ClientSampleId :
QC102419 CAN 10267

Tgt Ion: 84 Resp: 3999
Ion Ratio Lower Upper
84 100
49 112.6 118.5 177.7#
51 20.9 38.8 58.2#
86 52.8 51.7 77.5

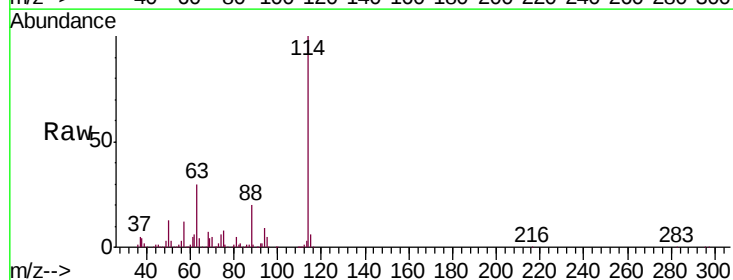


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

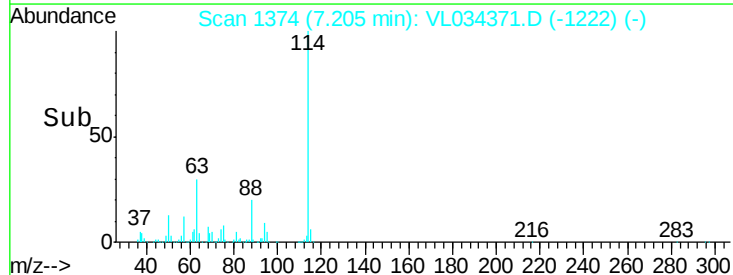
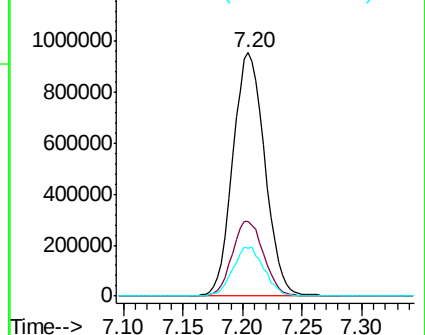


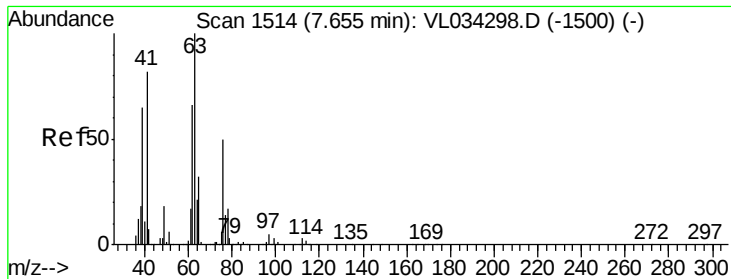
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034371.D
Acq: 25 Oct 2019 19:42

Tgt Ion: 114 Resp: 1782909
Ion Ratio Lower Upper
114 100
63 30.4 25.2 37.8
88 19.8 16.0 24.0



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

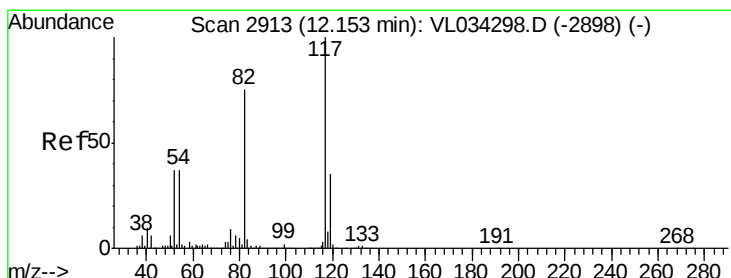
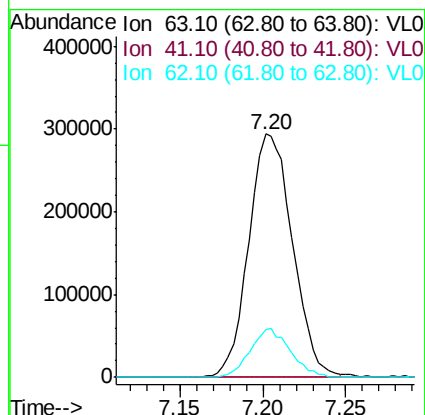
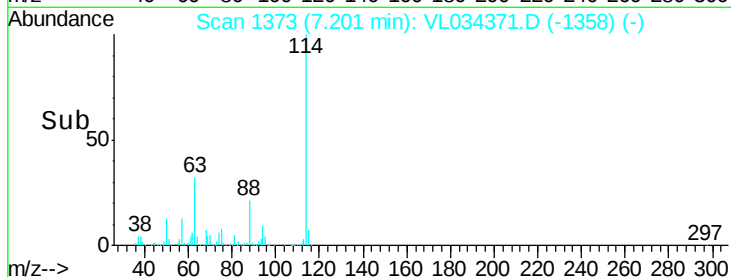
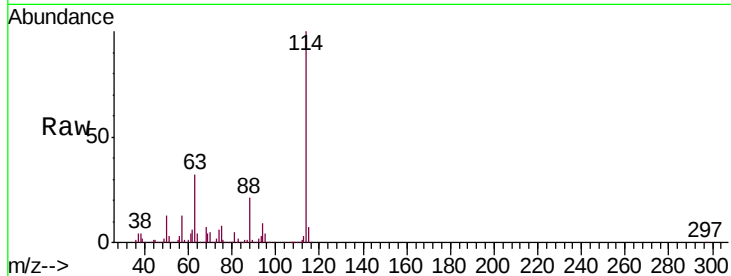




#39
 1,2-Dichloropropane
 Concen: 7.313 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. -0.45 min
 Lab File: VL034371.D
 Acq: 25 Oct 2019 19:42

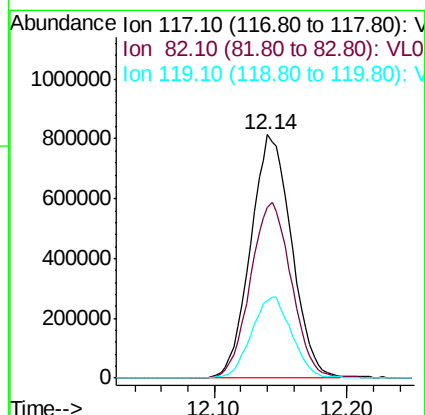
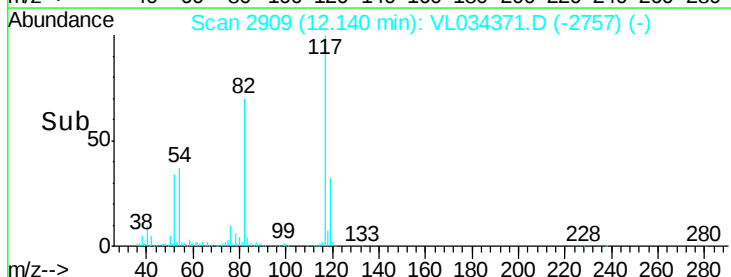
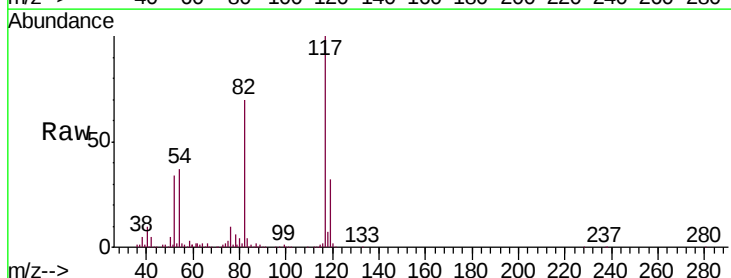
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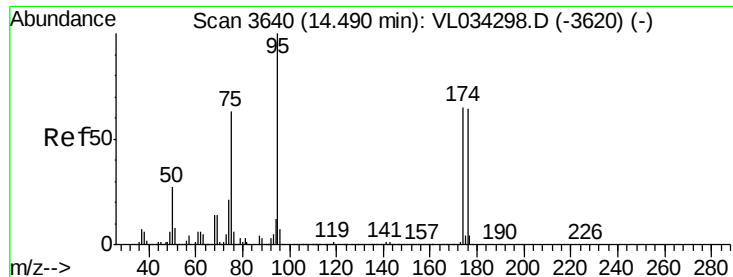
Tgt Ion: 63 Resp: 538676
 Ion Ratio Lower Upper
 63 100
 41 0.0 65.6 98.4#
 62 19.6 53.0 79.6#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.14 min Scan# 2909
 Delta R.T. -0.01 min
 Lab File: VL034371.D
 Acq: 25 Oct 2019 19:42

Tgt Ion: 117 Resp: 1754386
 Ion Ratio Lower Upper
 117 100
 82 72.7 55.5 83.3
 119 33.1 26.5 39.7





#68

1-Bromo-4-Fluorobenzene

Concen: 10.111 ppbv

RT: 14.48 min Scan# 3637

Delta R.T. -0.01 min

Lab File: VL034371.D

Acq: 25 Oct 2019 19:42

Instrument :

MSVOA_L

ClientSampleId :

QC102419 CAN 10267

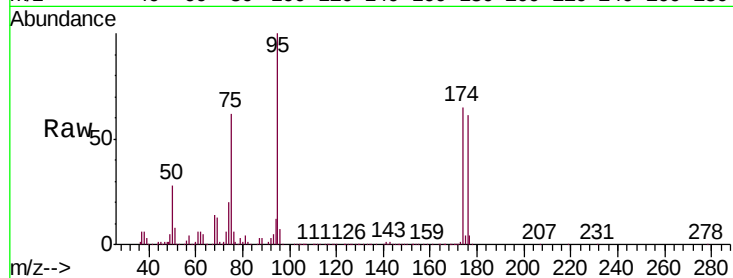
Tgt Ion: 95 Resp: 1502393

Ion Ratio Lower Upper

95 100

174 65.5 52.6 78.8

175 4.6 3.8 5.6



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

