

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012720\
 Data File : VL034564.D
 Acq On : 27 Jan 2020 17:00
 Operator : SY/AP
 Sample : OC010620 CAN 10439
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 28 00:22:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 09 03:01:19 2020
 QLast Update : Thu Jan 09 03:01:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	989579	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1978025	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1966805	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1649003	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

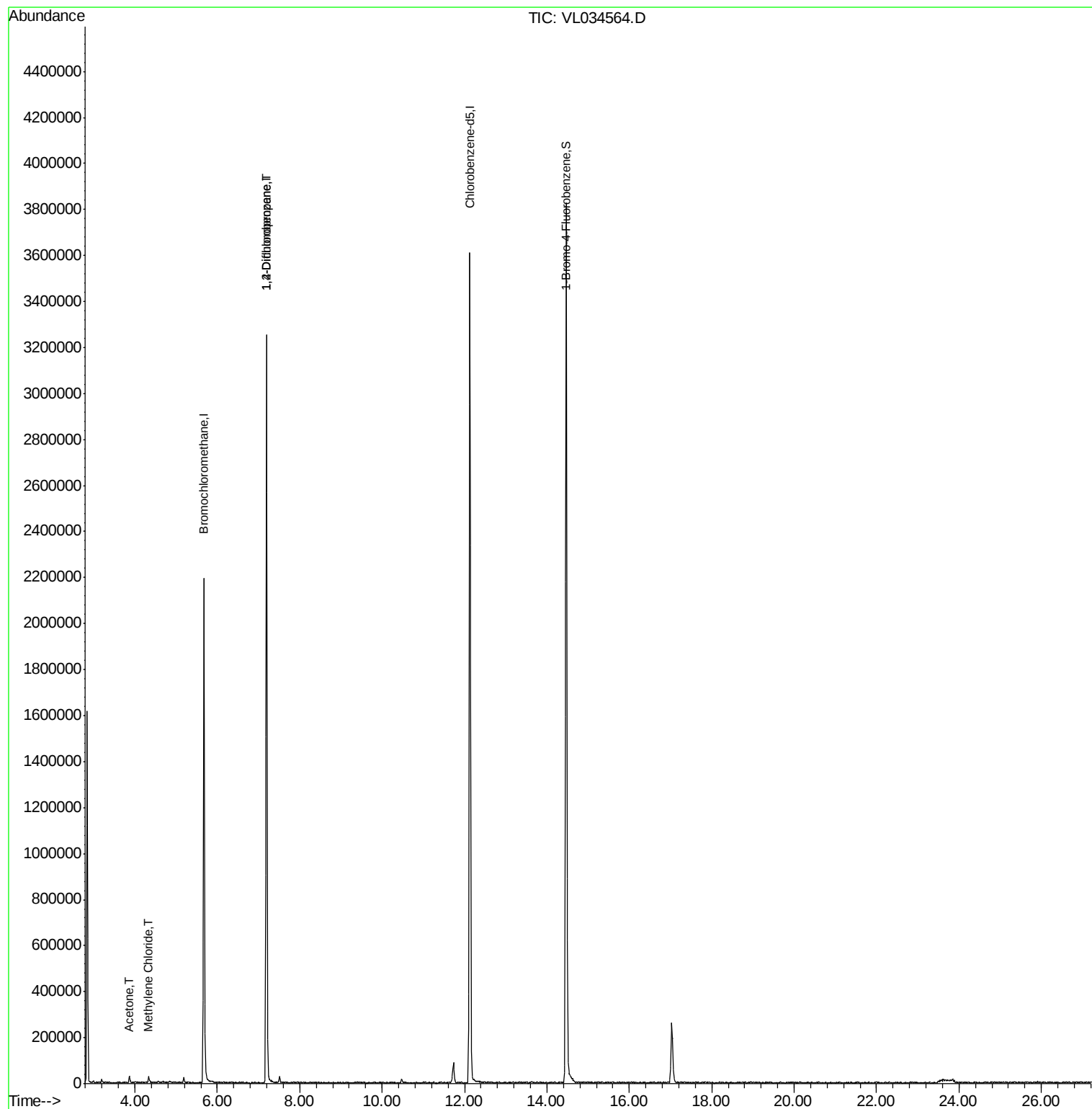
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	24334	0.168	ppbv #	72
20) Methylene Chloride	4.33	84	3787	0.067	ppbv #	62
39) 1,2-Dichloropropane	7.19	63	589884	8.320	ppbv #	22

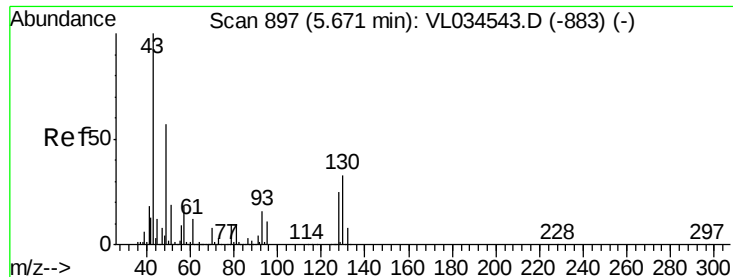
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL034564.D

Acq: 27 Jan 2020 17:00

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MSVOA_L

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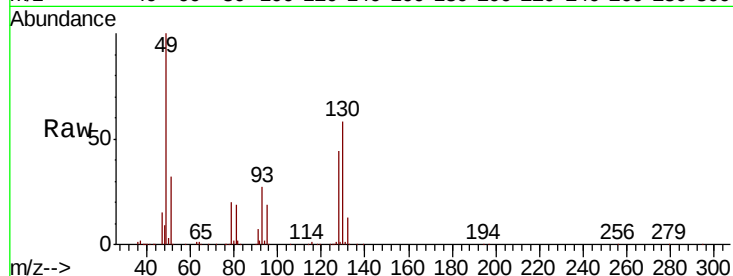
Tot Ion: 49 Resp: 989579

Ion Ratio Lower Upper

49 100

128 45.5 22.4 67.2

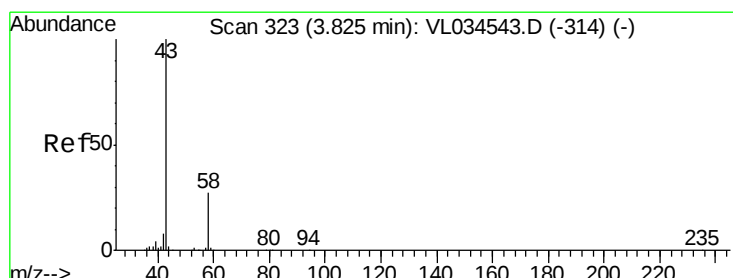
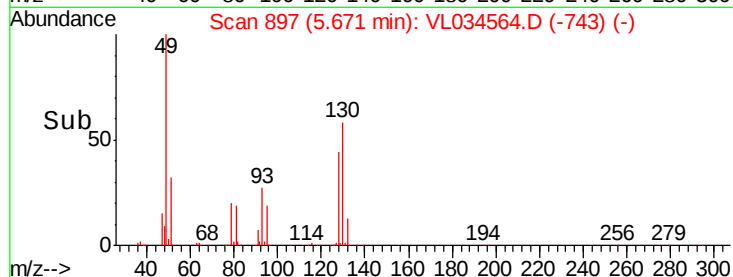
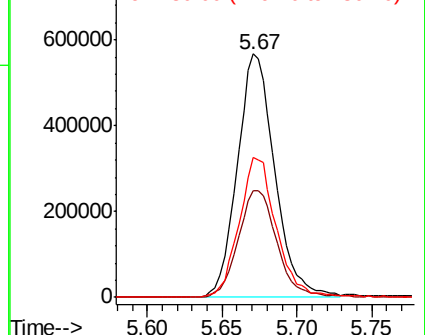
130 57.1 28.3 85.0



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: 0.168 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.03 min

Lab File: VL034564.D

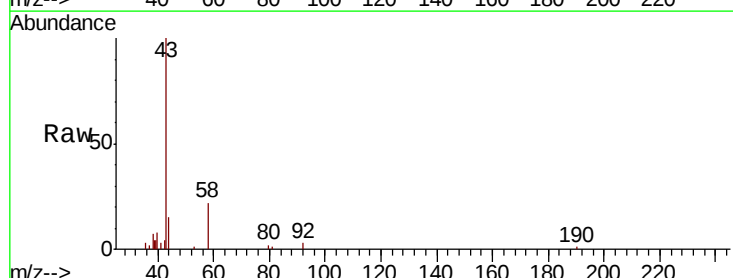
Acq: 27 Jan 2020 17:00

Tgt Ion: 43 Resp: 24334

Ion Ratio Lower Upper

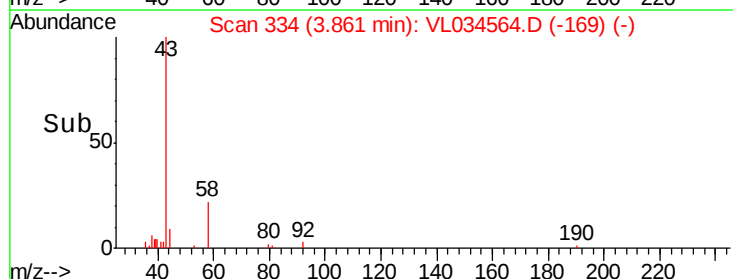
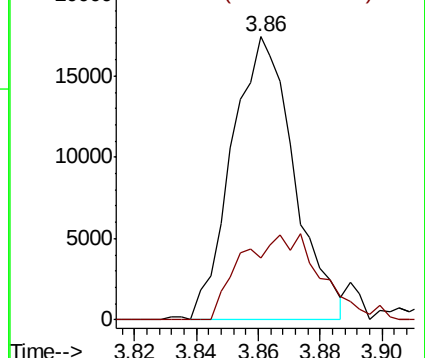
43 100

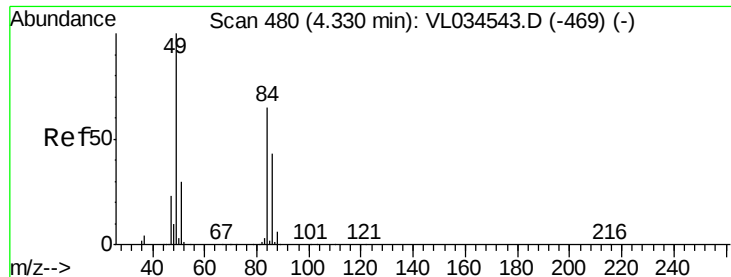
58 39.6 20.4 30.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

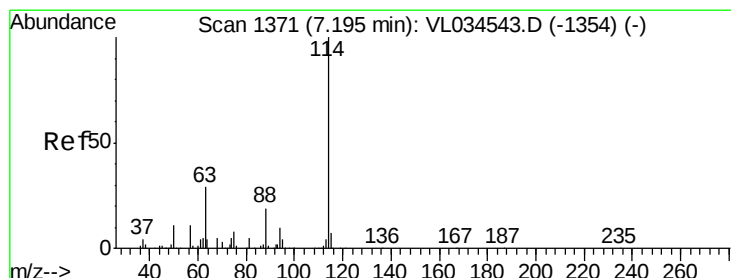
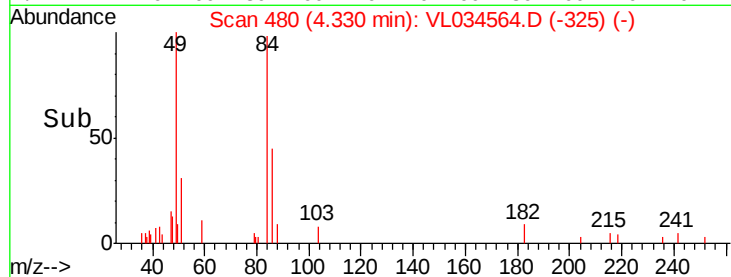
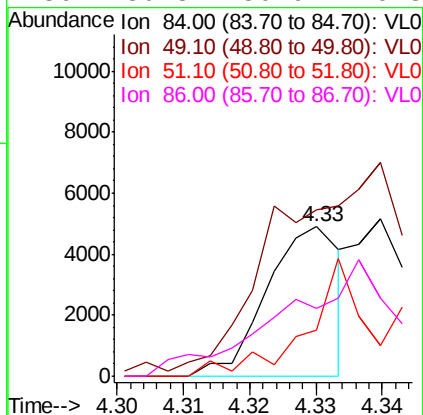
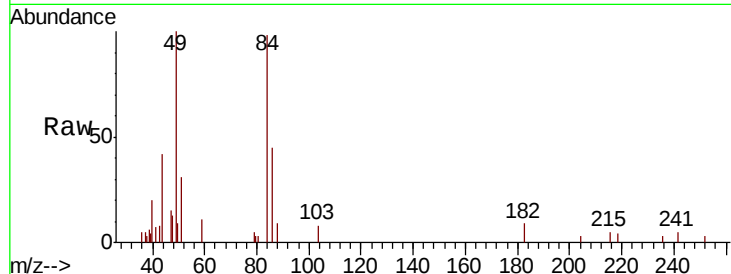




#20
Methvlene Chloride
Concen: 0.067 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.00 min
Lab File: VL034564.D
Acq: 27 Jan 2020 17:00

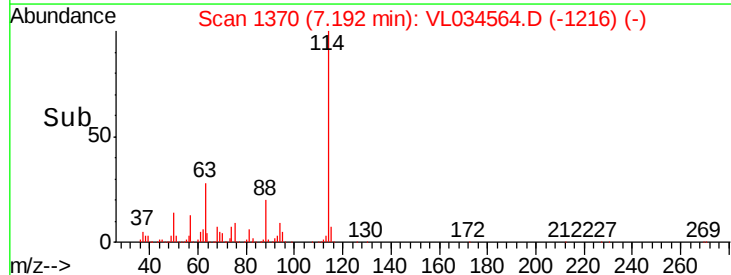
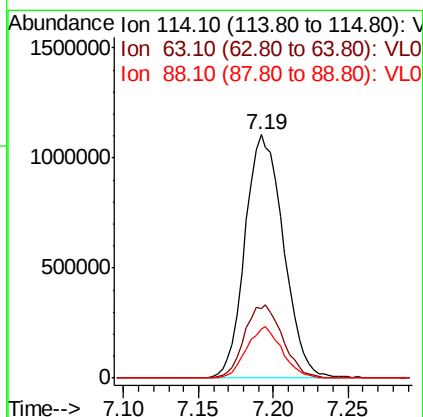
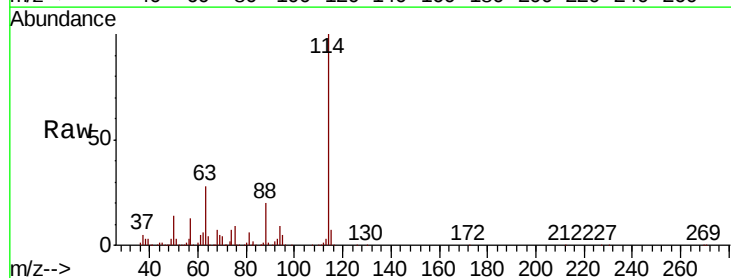
Instrument :
MSVOA_L
ClientSampleId :

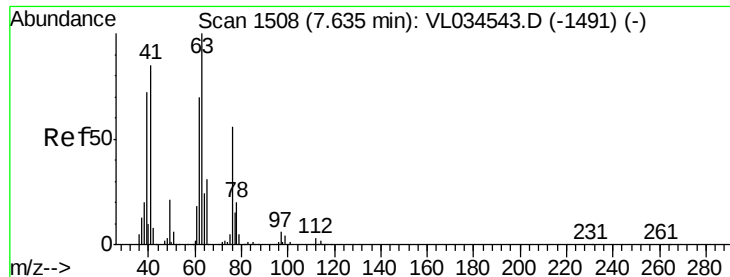
Tot Ion: 84 Resp: 3787
Ion Ratio Lower Upper
84 100
49 102.0 124.4 186.6#
51 31.3 37.0 55.6#
86 30.8 50.9 76.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.00 min
Lab File: VL034564.D
Acq: 27 Jan 2020 17:00

Tgt Ion: 114 Resp: 1978025
Ion Ratio Lower Upper
114 100
63 30.1 24.1 36.1
88 19.6 15.7 23.5

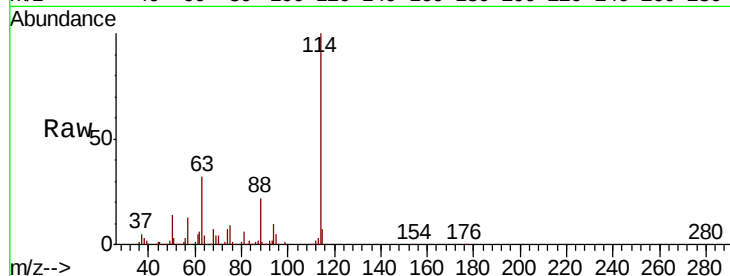




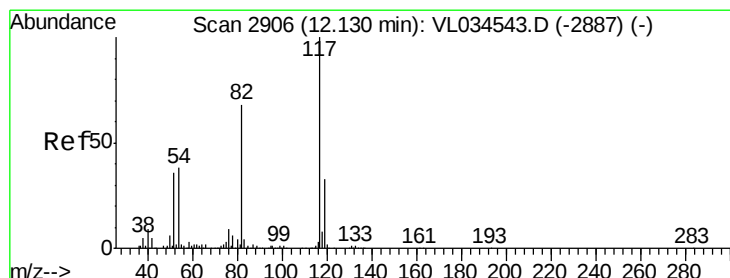
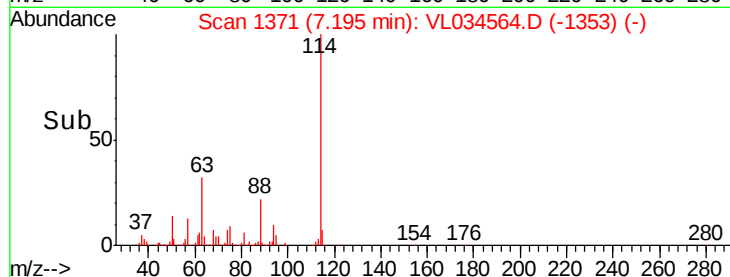
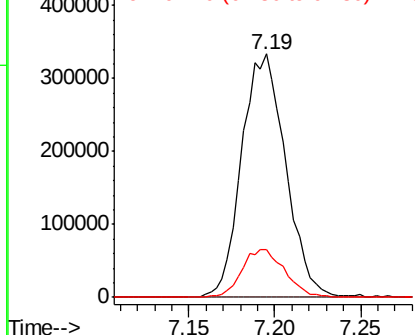
#39
 1,2-Dichloropropane
 Concen: 8.320 ppbv
 RT: 7.19 min Scan# 1371
 Delta R.T. -0.44 min
 Lab File: VL034564.D
 Acq: 27 Jan 2020 17:00

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 589884
 Ion Ratio Lower Upper
 63 100
 41 0.0 66.1 99.1#
 62 19.4 54.9 82.3#

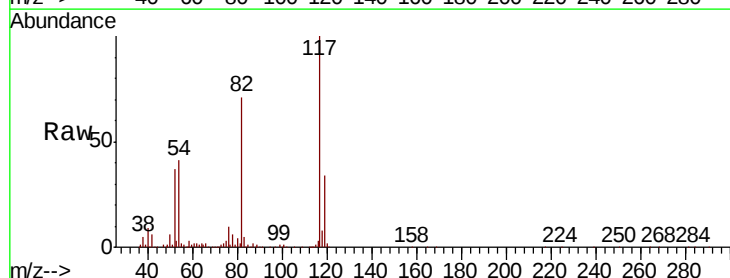


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

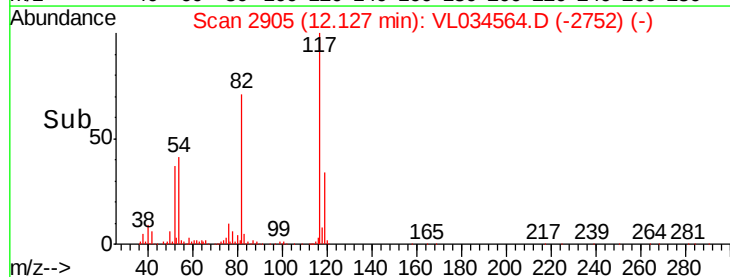
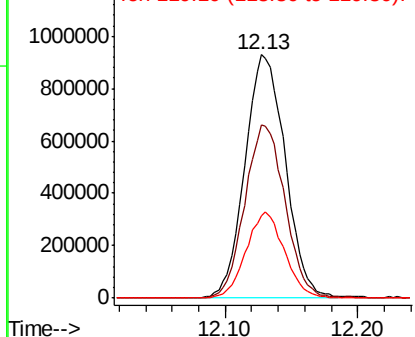


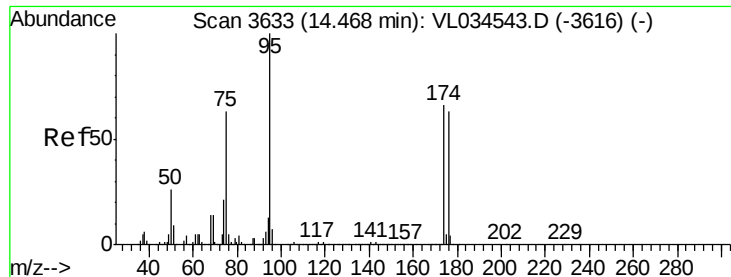
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: VL034564.D
 Acq: 27 Jan 2020 17:00

Tgt Ion: 117 Resp: 1966805
 Ion Ratio Lower Upper
 117 100
 82 71.4 56.2 84.4
 119 33.6 27.1 40.7



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.047 ppbv

RT: 14.47 min Scan# 3633

Delta R.T. -0.00 min

Lab File: VL034564.D

Acq: 27 Jan 2020 17:00

Instrument :

MSVOA_L

ClientSampleId :

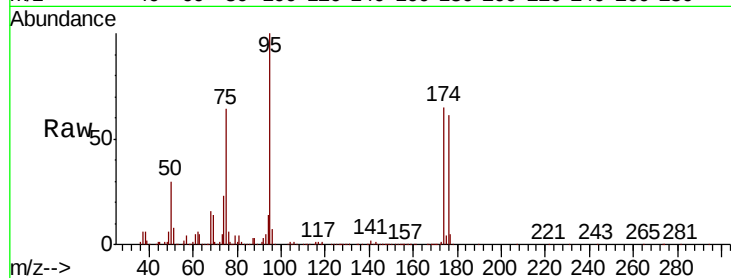
Tot Ion: 95 Resp: 1649003

Ion Ratio Lower Upper

95 100

174 64.0 52.4 78.6

175 4.5 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

