

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012720\
 Data File : VL034563.D
 Acq On : 27 Jan 2020 16:19
 Operator : SY/AP
 Sample : OC012220 CAN 10158
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 28 00:22:01 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	1022483	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2054353	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1980532	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1704429	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

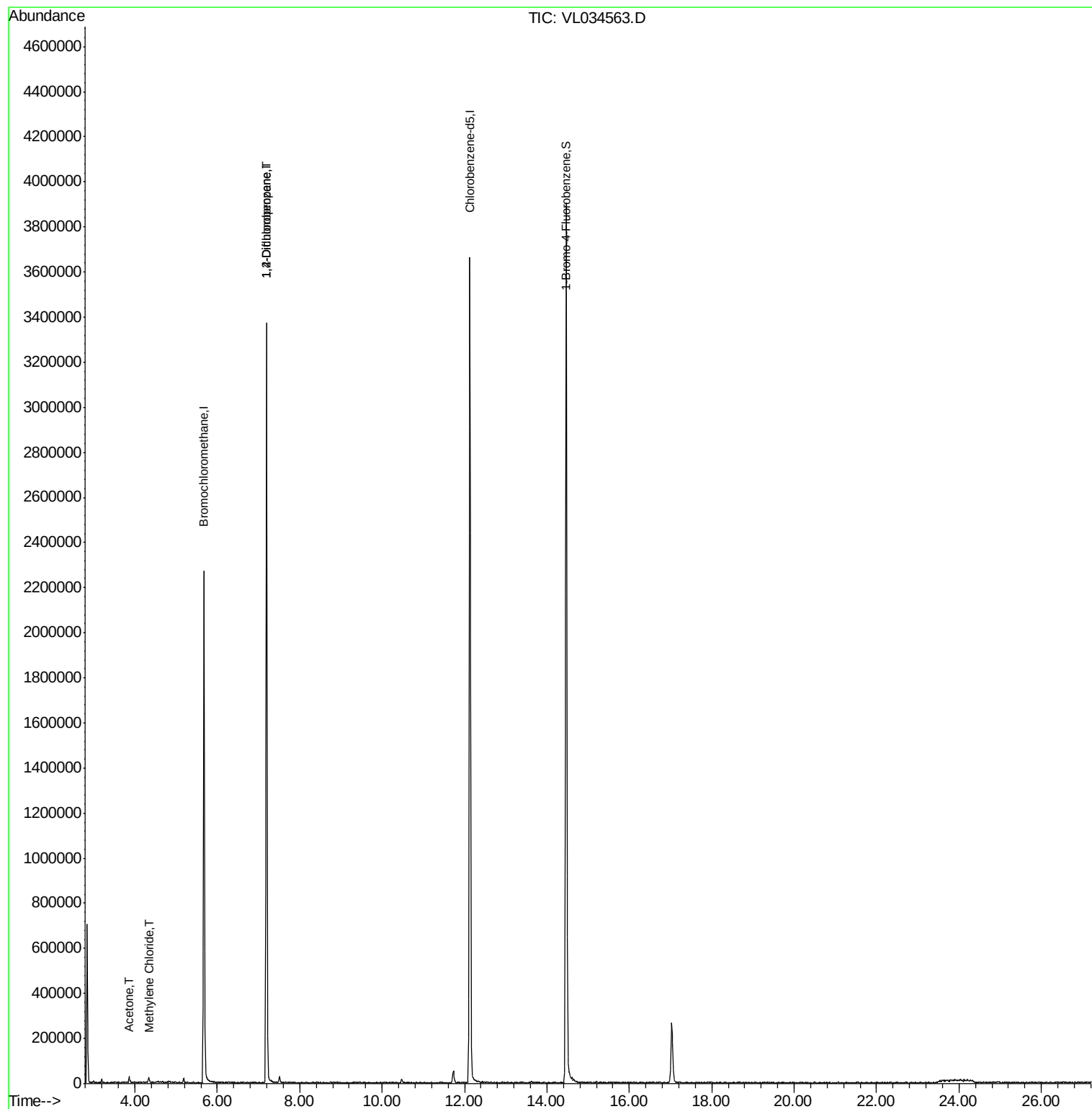
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	19217	0.129	ppbv #	53
20) Methylene Chloride	4.33	84	3835	0.065	ppbv #	21
39) 1,2-Dichloropropane	7.19	63	608224	8.260	ppbv #	22

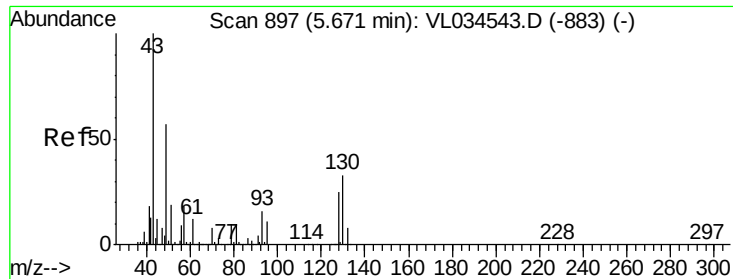
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 09 03:01:19 2020
Response via : Initial Calibration

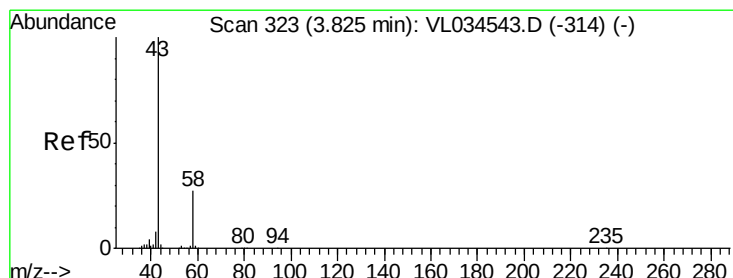
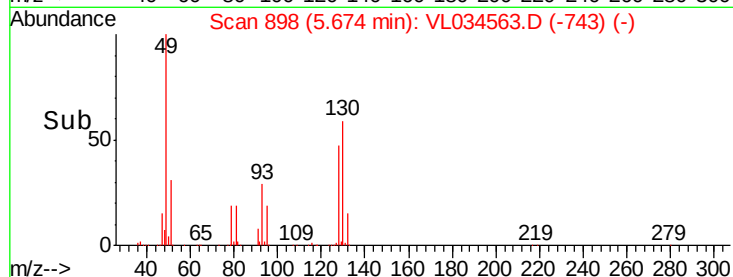
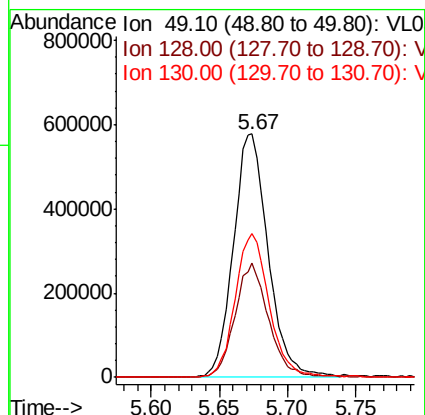
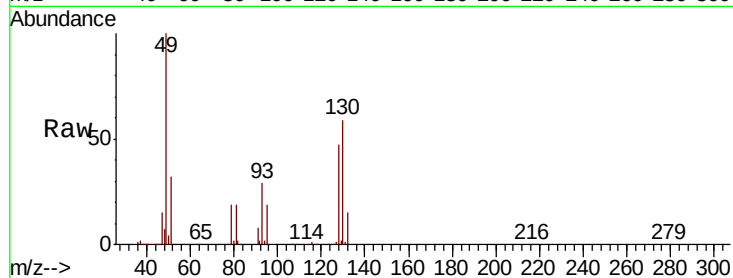




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL034563.D
Acq: 27 Jan 2020 16:19

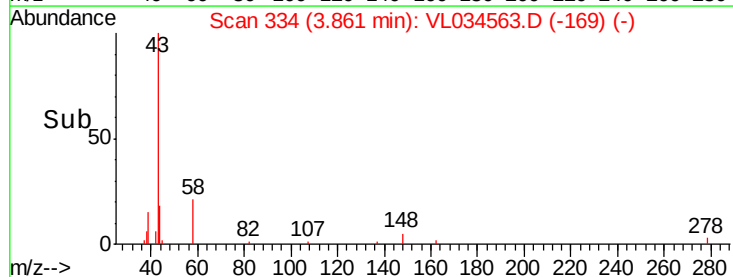
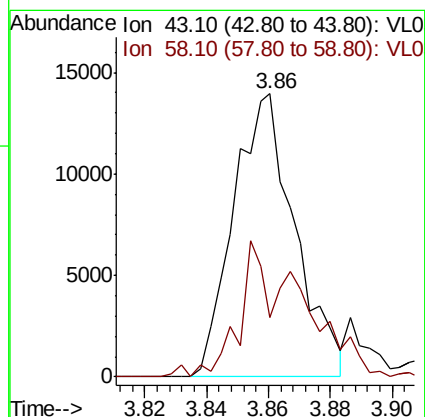
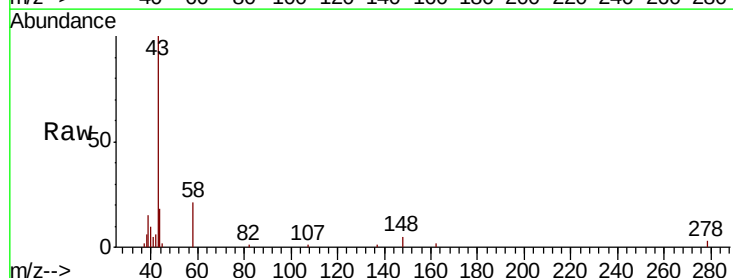
Instrument :
MSVOA_L
ClientSampled :

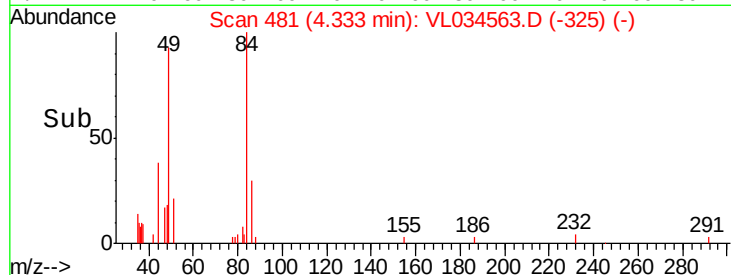
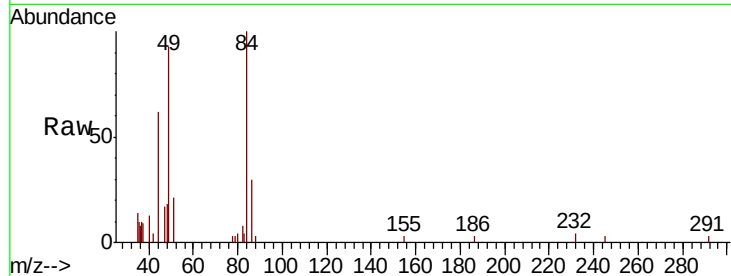
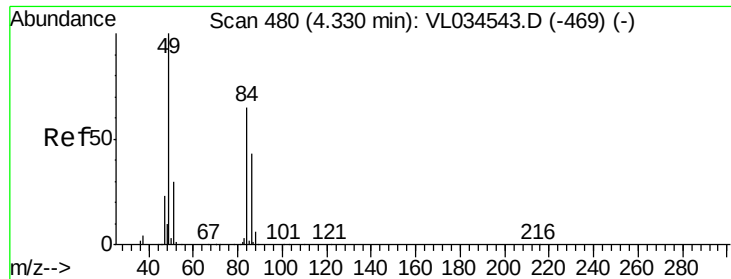
Tot Ion: 49 Resp: 1022483
Ion Ratio Lower Upper
49 100
128 45.5 22.4 67.2
130 58.4 28.3 85.0



#15
Acetone
Concen: 0.129 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.03 min
Lab File: VL034563.D
Acq: 27 Jan 2020 16:19

Tgt Ion: 43 Resp: 19217
Ion Ratio Lower Upper
43 100
58 49.3 20.4 30.6#

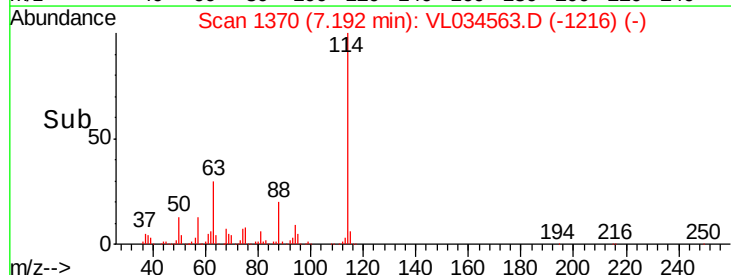
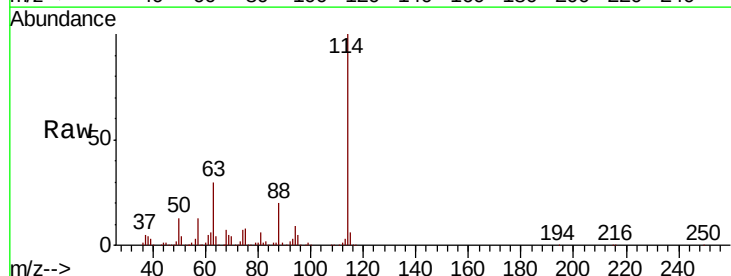
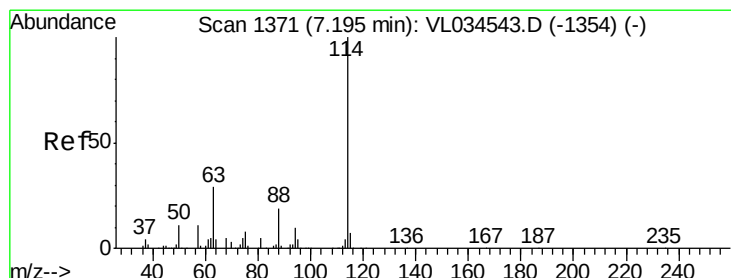
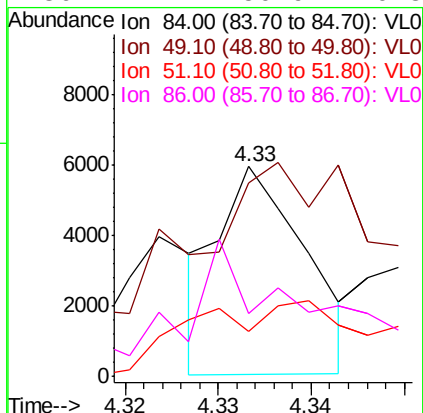




#20
Methylene Chloride
Concen: 0.065 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL034563.D
Acq: 27 Jan 2020 16:19

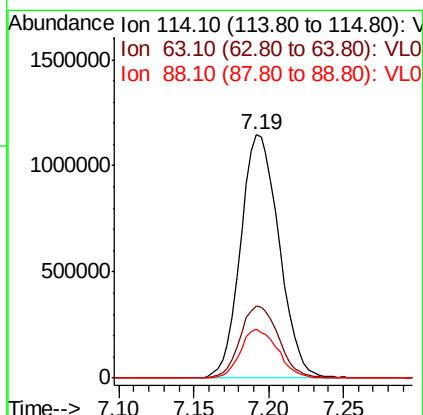
Instrument :
MSVOA_L
ClientSampleId :

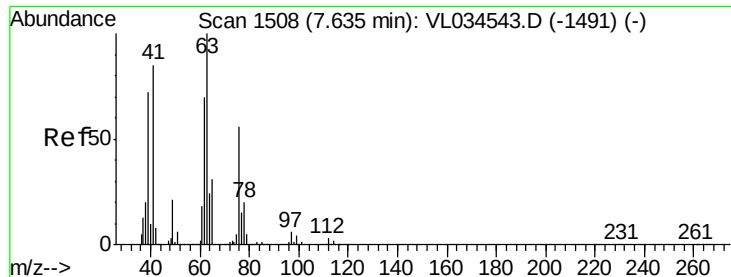
Tot Ion: 84 Resp: 3835
Ion Ratio Lower Upper
84 100
49 36.2 124.4 186.6#
51 0.0 37.0 55.6#
86 21.1 50.9 76.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.00 min
Lab File: VL034563.D
Acq: 27 Jan 2020 16:19

Tgt Ion: 114 Resp: 2054353
Ion Ratio Lower Upper
114 100
63 29.8 24.1 36.1
88 19.6 15.7 23.5

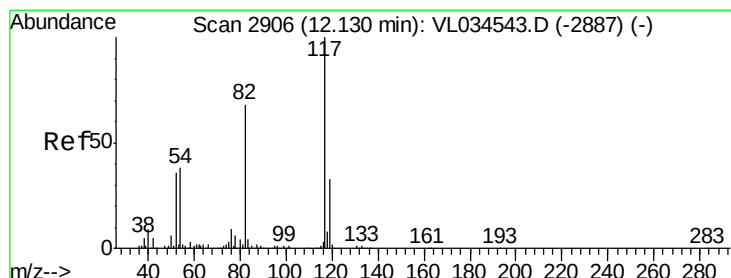
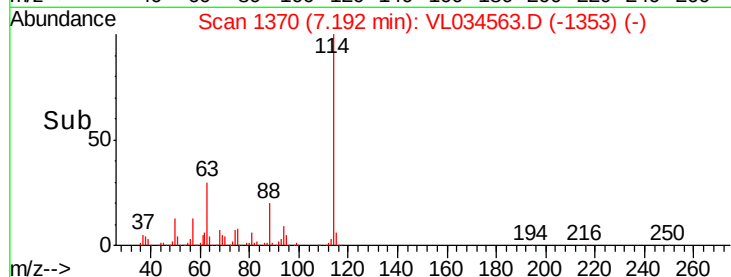
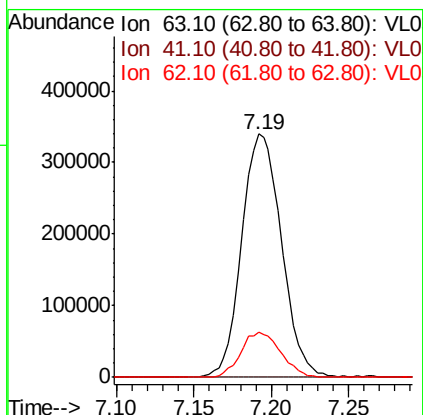
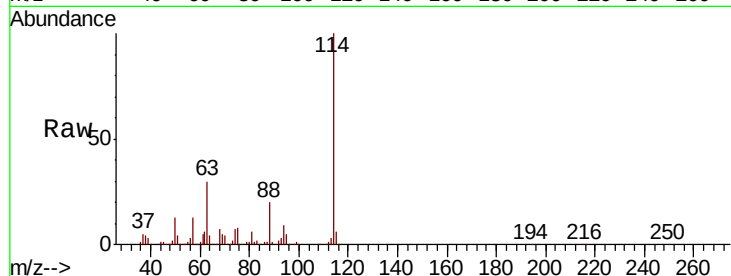




#39
 1,2-Dichloropropane
 Concen: 8.260 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.44 min
 Lab File: VL034563.D
 Acq: 27 Jan 2020 16:19

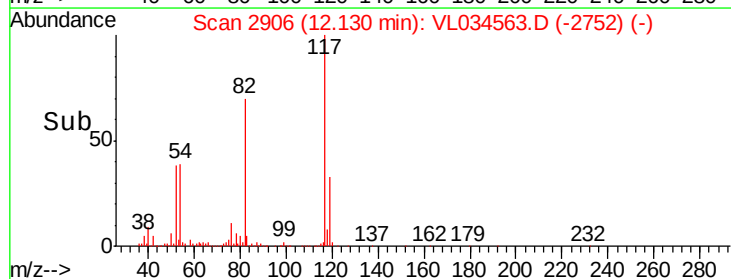
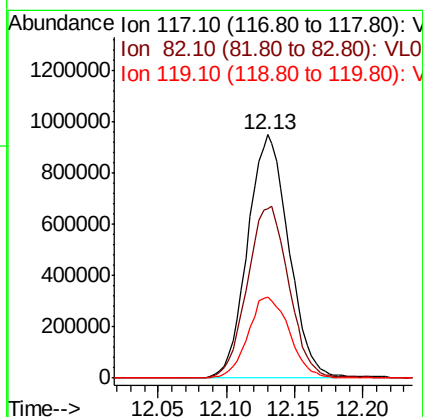
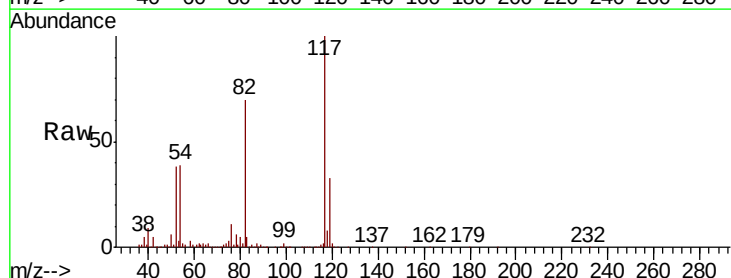
Instrument :
 MSVOA_L
 ClientSampleId :

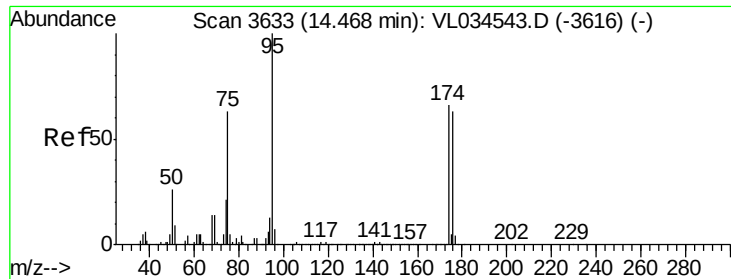
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	66.1	99.1#
62	18.6	54.9	82.3#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.13 min Scan# 2906
 Delta R.T. -0.00 min
 Lab File: VL034563.D
 Acq: 27 Jan 2020 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	71.7	56.2	84.4
119	33.8	27.1	40.7





#68

1-Bromo-4-Fluorobenzene

Concen: 10.313 ppbv

RT: 14.47 min Scan# 3633

Delta R.T. -0.00 min

Lab File: VL034563.D

Acq: 27 Jan 2020 16:19

Instrument :

MSVOA_L

ClientSampleId :

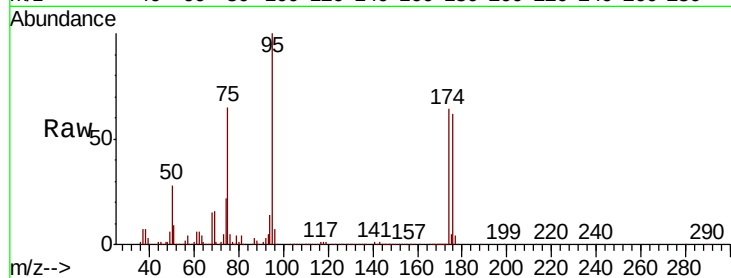
Tot Ion: 95 Resp: 1704429

Ion Ratio Lower Upper

95 100

174 63.9 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

