

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
 Data File : VL035082.D
 Acq On : 22 May 2020 13:23
 Operator : SY/AP
 Sample : OC052220 CAN 10268
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 22 23:13:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	978015	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2290561	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2181055	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1840190	10.42	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

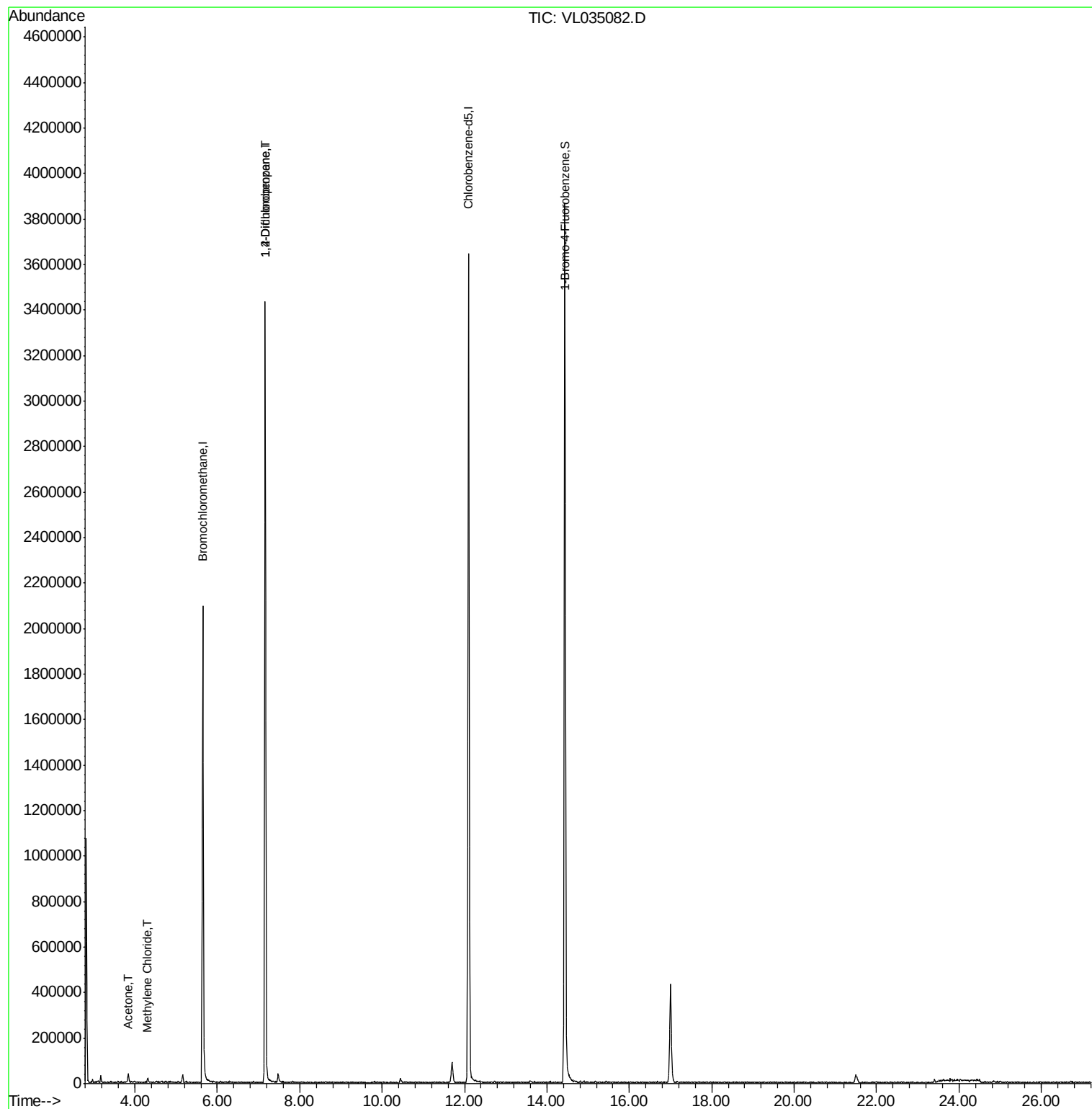
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	29771	0.230	ppbv #	54
20) Methylene Chloride	4.31	84	4205	0.098	ppbv #	79
39) 1,2-Dichloropropane	7.16	63	621395	8.208	ppbv #	24

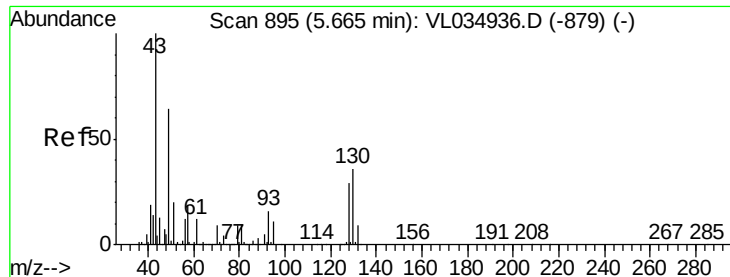
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035082.D

Acq: 22 May 2020 13:23

Instrument :
MSVOA_L
ClientSampleId :

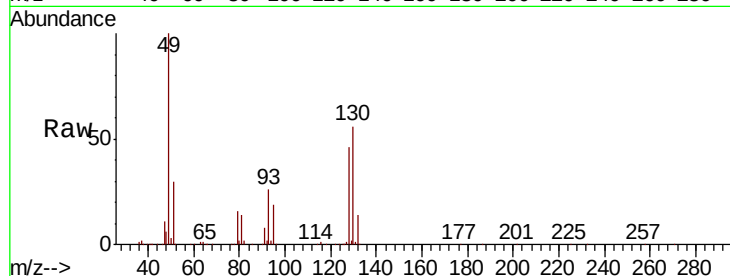
Tot Ion: 49 Resp: 978015

Ion Ratio Lower Upper

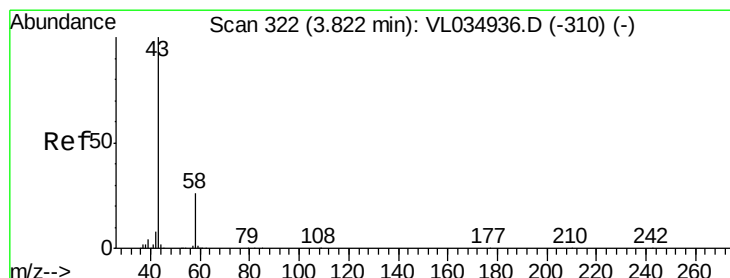
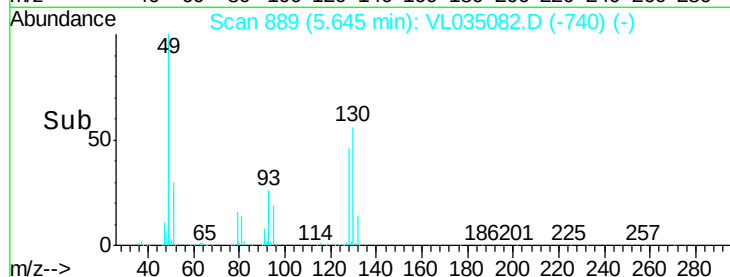
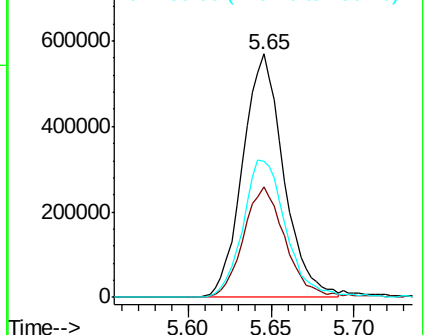
49 100

128 46.8 22.1 66.5

130 59.7 29.1 87.3



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: 0.230 ppbv

RT: 3.84 min Scan# 326

Delta R.T. 0.01 min

Lab File: VL035082.D

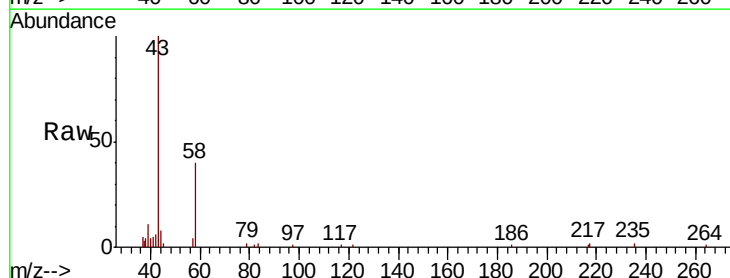
Acq: 22 May 2020 13:23

Tgt Ion: 43 Resp: 29771

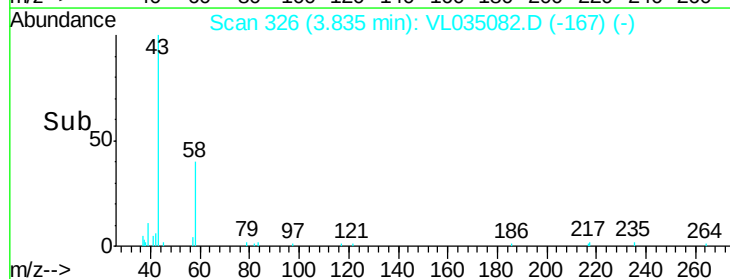
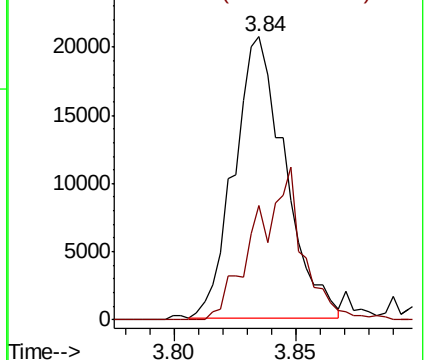
Ion Ratio Lower Upper

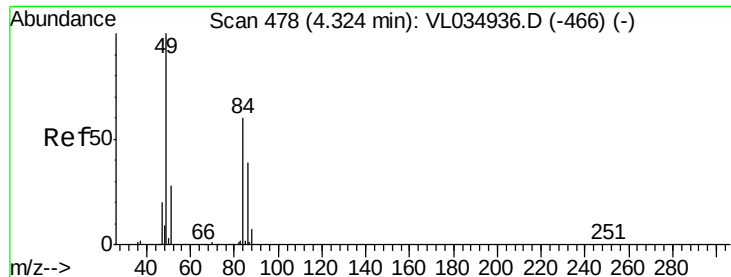
43 100

58 50.8 21.7 32.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

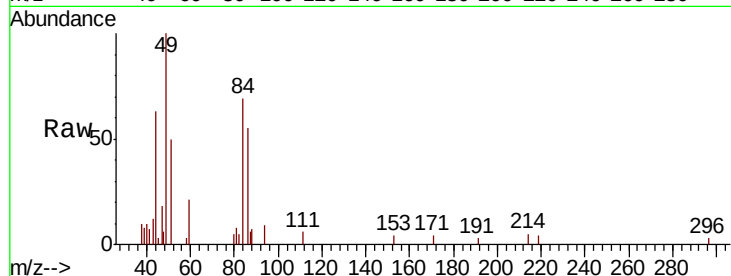




#20
Methylene Chloride
Concen: 0.098 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL035082.D
Acq: 22 May 2020 13:23

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	84	Resp:	4205
Ion	Ratio	Lower	Upper
84	100		
49	132.7	132.5	198.7
51	61.3	38.4	57.6
86	73.6	51.2	76.8



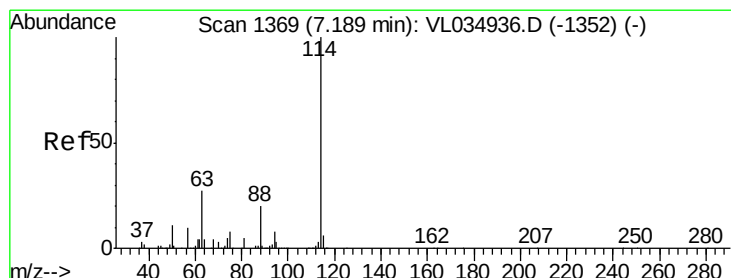
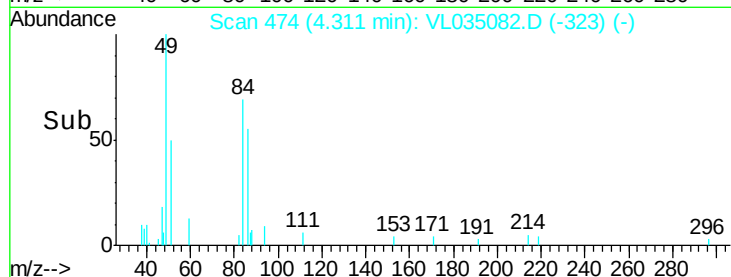
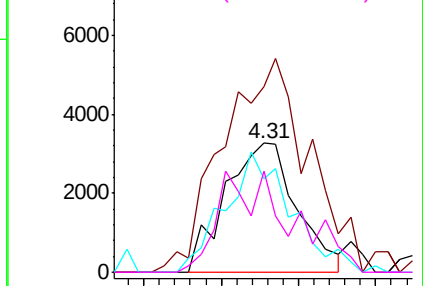
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

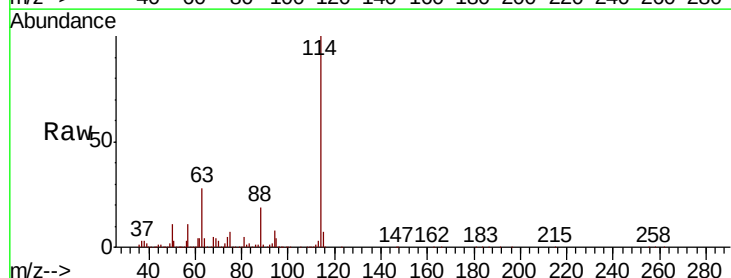
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL035082.D
Acq: 22 May 2020 13:23

Tgt Ion:	114	Resp:	2290561
Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.2	33.4
88	19.3	15.5	23.3

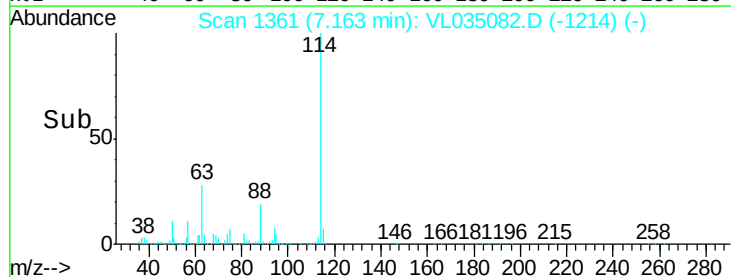
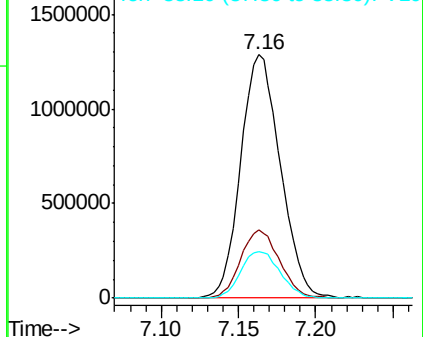


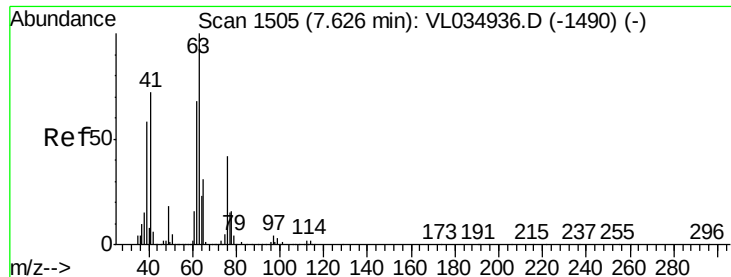
Abundance

Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

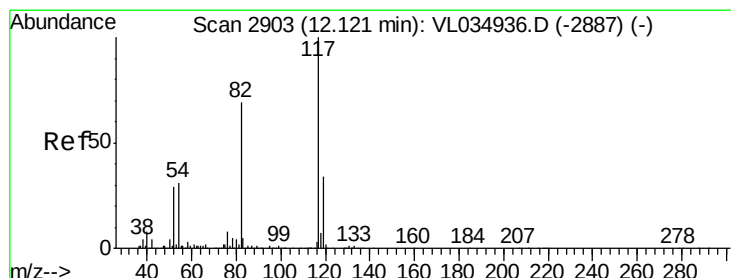
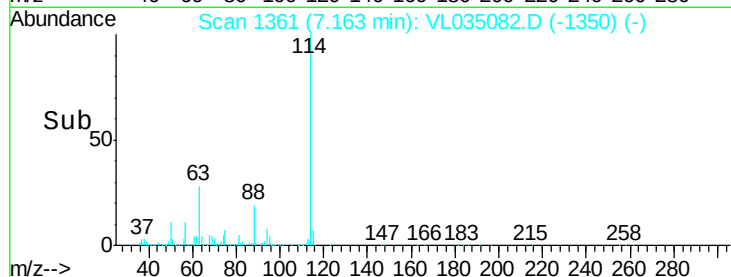
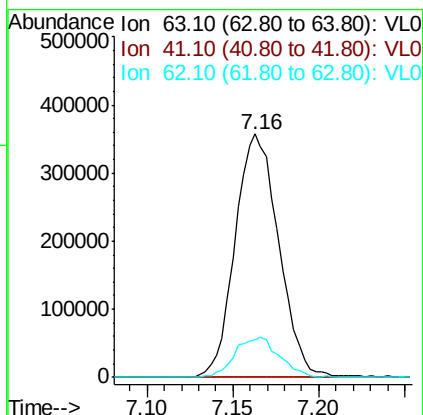
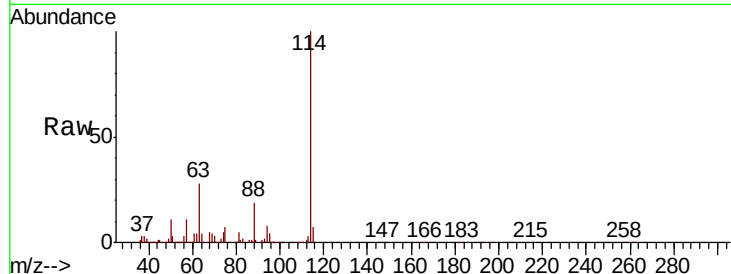




#39
 1,2-Dichloropropane
 Concen: 8.208 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.46 min
 Lab File: VL035082.D
 Acq: 22 May 2020 13:23

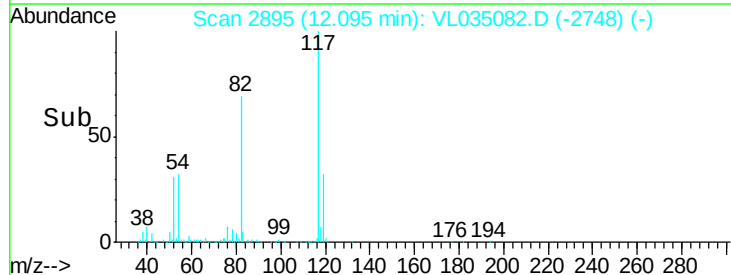
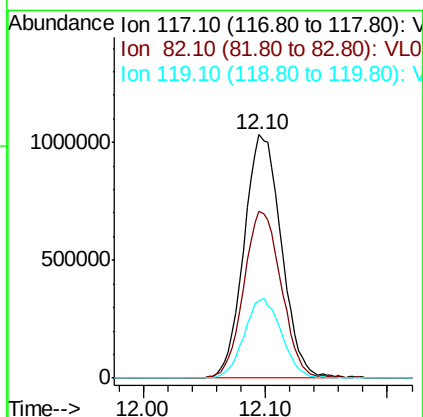
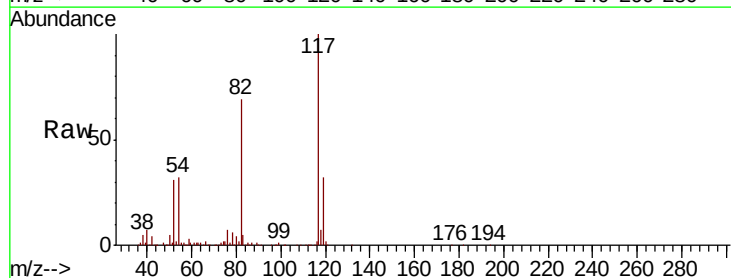
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 ClientSampleId :

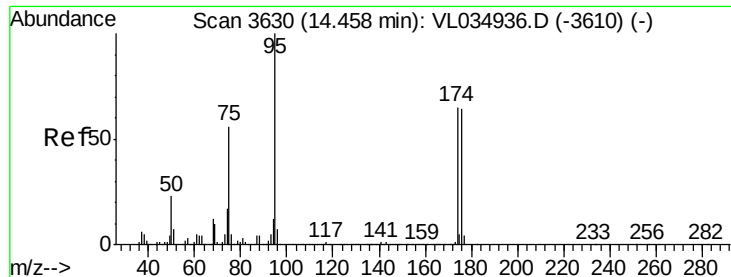
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.1	57.8	86.8#
62	15.4	54.2	81.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T. -0.03 min
 Lab File: VL035082.D
 Acq: 22 May 2020 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.1	53.1	79.7
119	32.6	26.7	40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.423 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. -0.02 min

Lab File: VL035082.D

Acq: 22 May 2020 13:23

Instrument :

MSVOA_L

ClientSampleId :

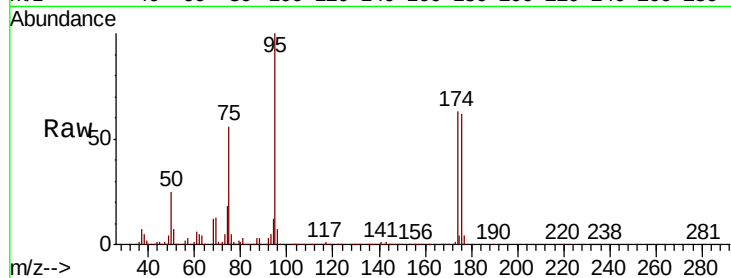
Tot Ion: 95 Resp: 1840190

Ion Ratio Lower Upper

95 100

174 64.3 51.5 77.3

175 4.4 3.8 5.8



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

