

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030620\
 Data File : VL034838.D
 Acq On : 7 Mar 2020 9:45
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
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 3/9/2020 9:21:47 AM

Quant Time: Mar 07 14:10:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	862562	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	1955718	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.10	117	1932569	10.00	ppbv	-0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.45	95	1520463	9.44	ppbv	-0.04	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	18115	0.175	ppbv	# 74
20) Methylene Chloride	4.32	84	5548m	0.150	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	27866m	0.348	ppbv	

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

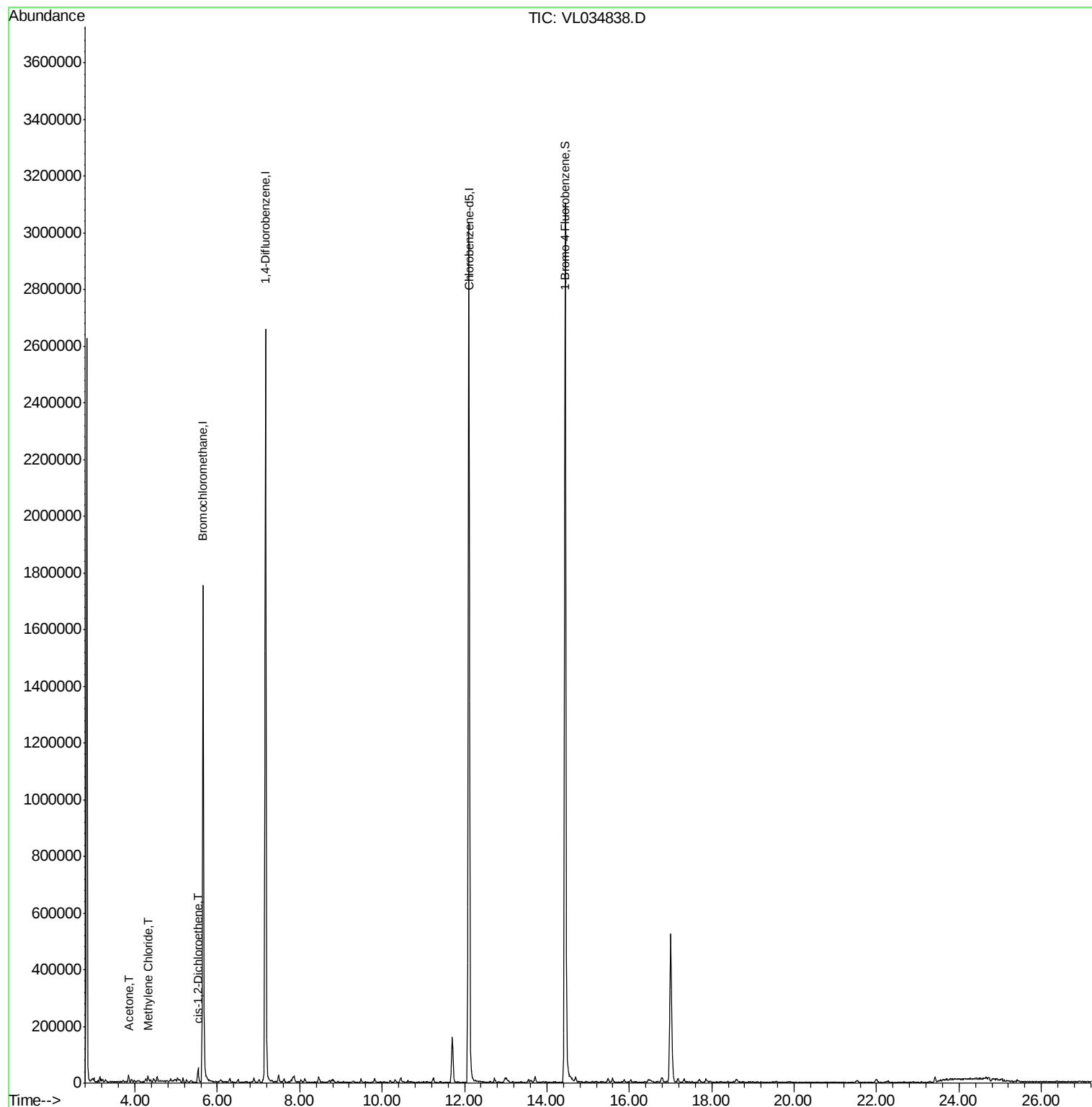
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030620\
Data File : VL034838.D
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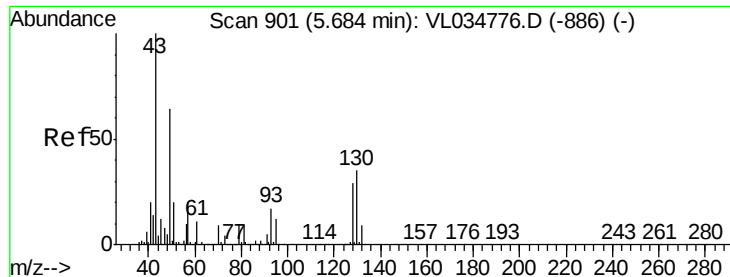
Instrument :
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Quant Time: Mar 07 14:10:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.03 min

Lab File: VL034838.D

Acq: 7 Mar 2020 9:45

Instrument :

MSVOA_L

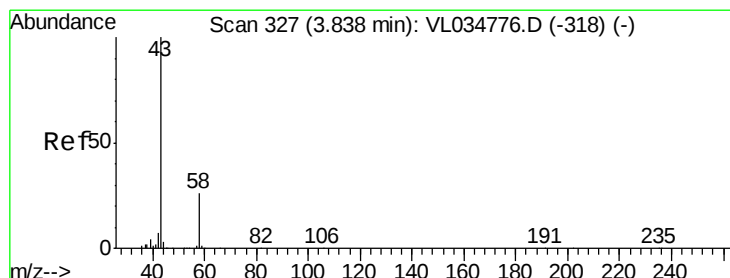
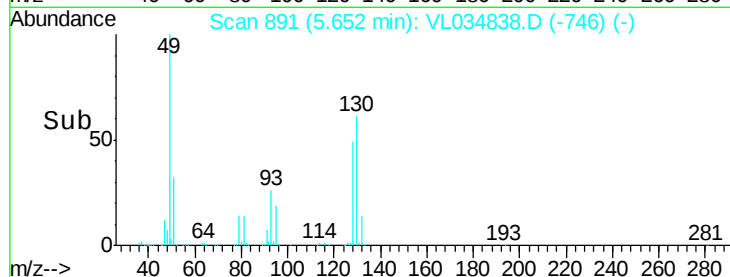
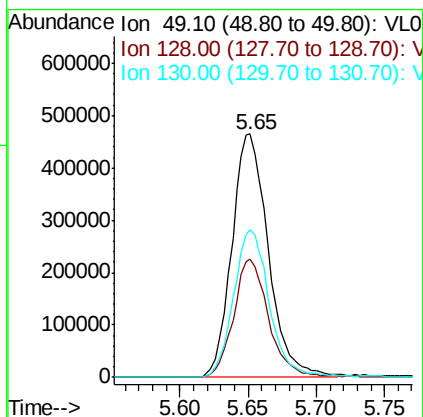
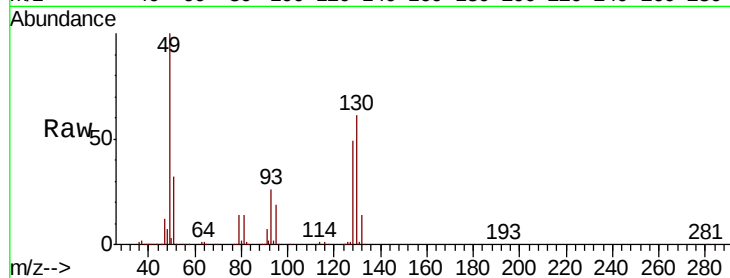
ClientSampled :

VIBLK

Tot Ion:	49	Resp:	862562
Ion	Ratio	Lower	Upper
49	100		
128	47.3	21.6	64.6
130	60.4	27.4	82.2

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#15

Acetone

Concen: 0.175 ppbv

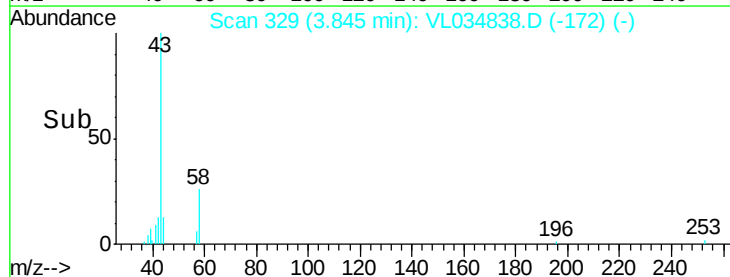
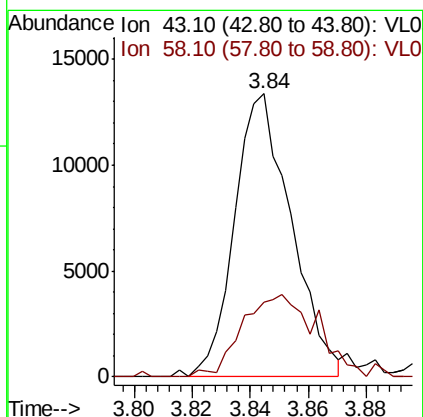
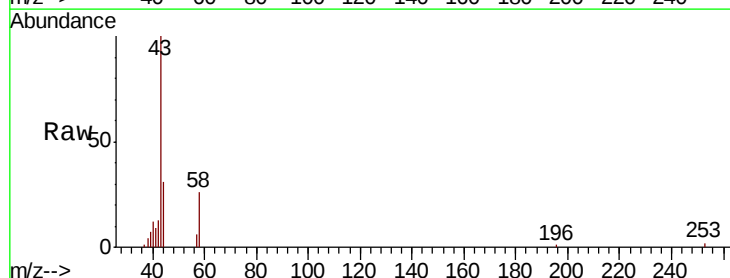
RT: 3.84 min Scan# 329

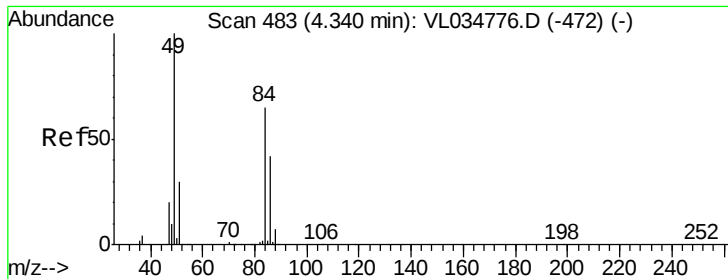
Delta R.T. 0.01 min

Lab File: VL034838.D

Acq: 7 Mar 2020 9:45

Tgt Ion:	43	Resp:	18115
Ion	Ratio	Lower	Upper
43	100		
58	39.4	21.0	31.6#





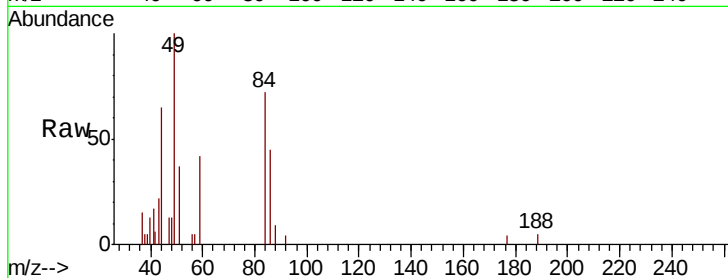
#20
Methvlene Chloride
Concen: 0.150 ppbv m
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL034838.D
Acq: 7 Mar 2020 9:45

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

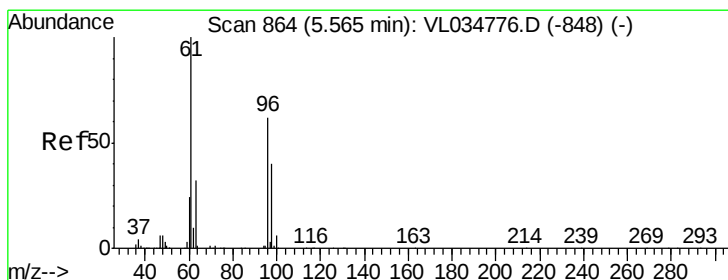
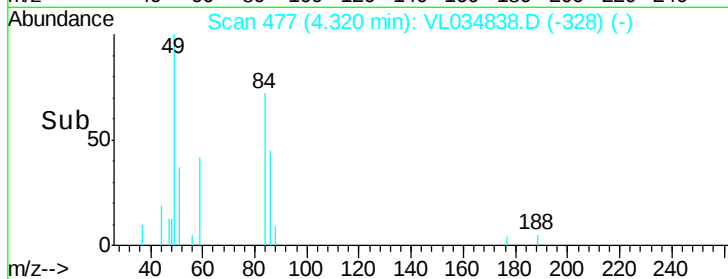
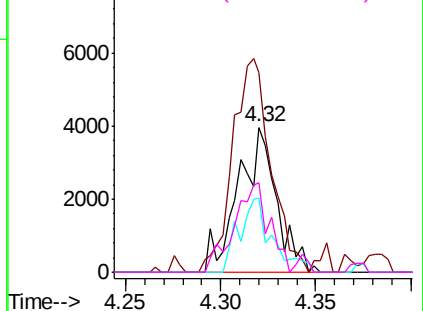
Tot Ion:	84	Resp:	5548
Ion	Ratio	Lower	Upper
84	100		
49	138.0	123.2	184.8
51	50.9	37.4	56.2
86	61.7	51.6	77.4

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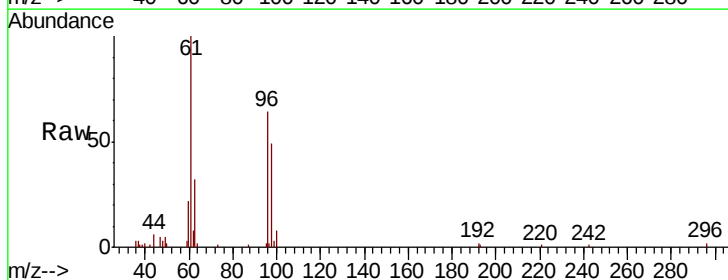


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

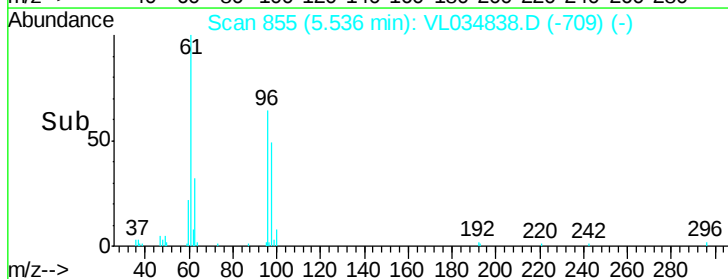
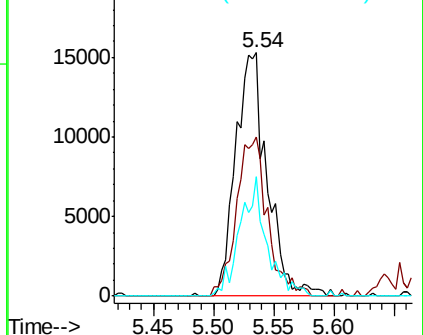


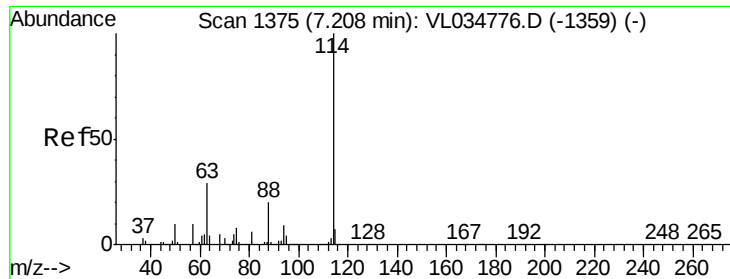
#31
cis-1,2-Dichloroethene
Concen: 0.348 ppbv m
RT: 5.54 min Scan# 855
Delta R.T. -0.03 min
Lab File: VL034838.D
Acq: 7 Mar 2020 9:45

Tgt Ion:	61	Resp:	27866
Ion	Ratio	Lower	Upper
61	100		
96	63.6	49.7	74.5
98	49.3	31.9	47.9#



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0





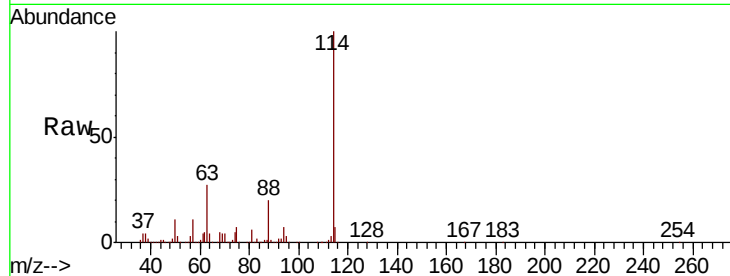
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.04 min
 Lab File: VL034838.D
 Acq: 7 Mar 2020 9:45

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.9	23.6	35.4
88	18.7	15.8	23.8

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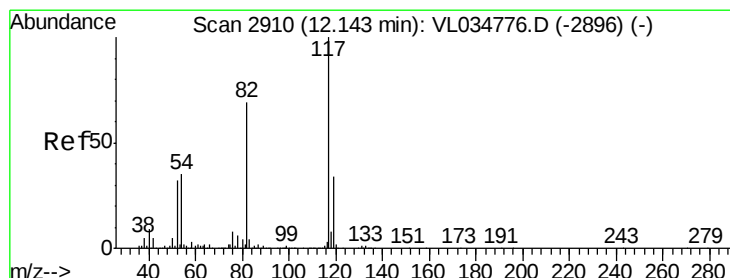
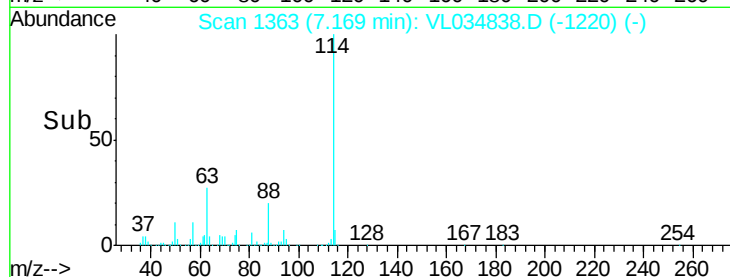
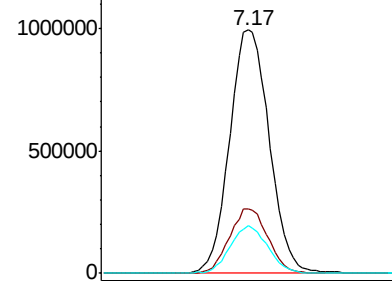
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Abundance Ion 114.10 (113.80 to 114.80): V

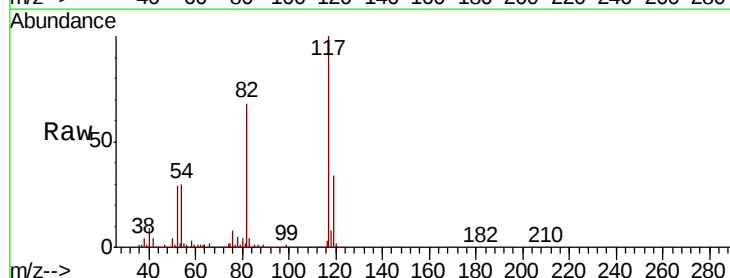
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. -0.04 min
 Lab File: VL034838.D
 Acq: 7 Mar 2020 9:45

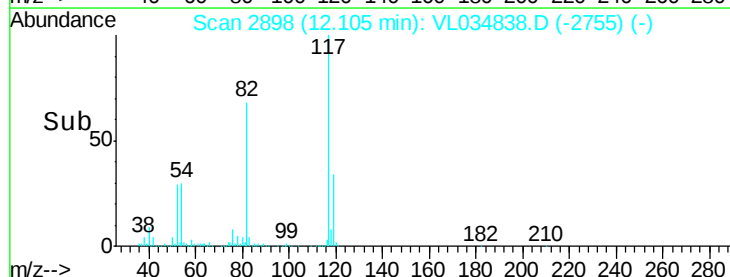
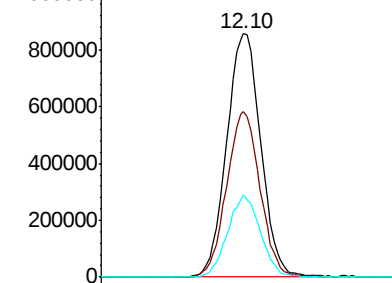
Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.8	53.9	80.9
119	32.7	25.0	37.4

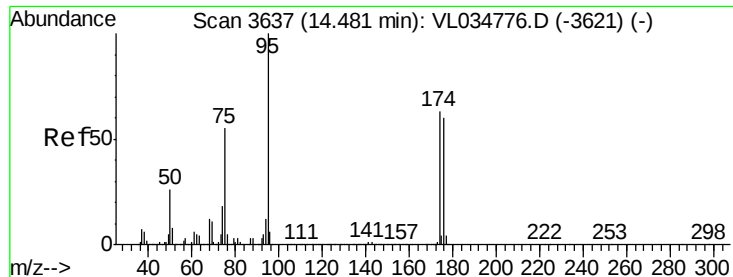


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.435 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. -0.04 min
 Lab File: VL034838.D
 Acq: 7 Mar 2020 9:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.2	50.6	76.0
175	5.3	3.8	5.6

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