

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\
 Data File : VL034351.D
 Acq On : 24 Oct 2019 18:12
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 9:43:35 AM

Quant Time: Oct 25 02:49:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 1
 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	1004006	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2217146	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	2181825	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1723984	9.33	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.34	84	30928	0.596	ppbv #	92
52) Tetrachloroethene	11.28	164	31914m	0.383	ppbv	

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

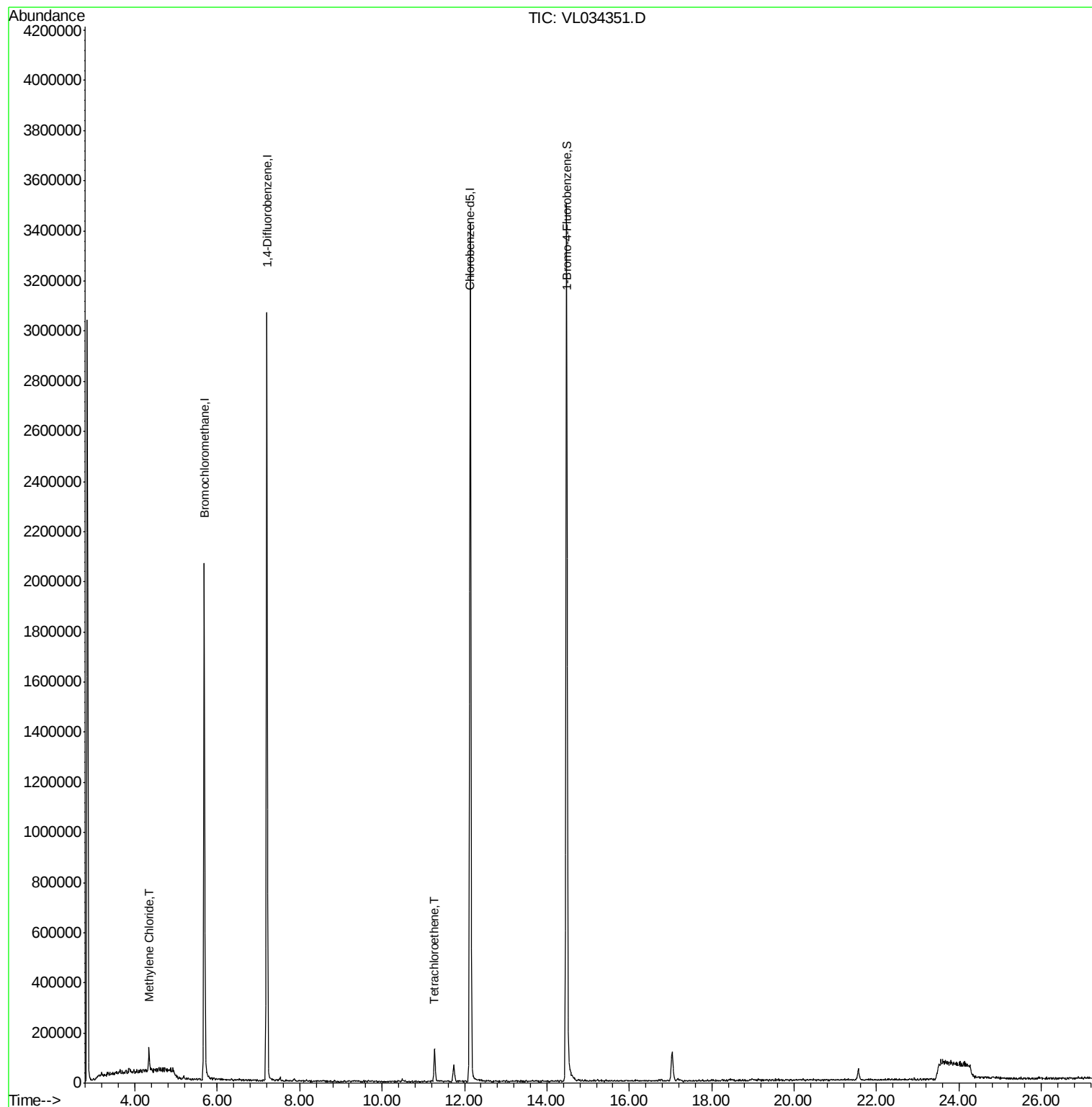
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Data File : VL034351.D
Acq On : 24 Oct 2019 18:12
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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

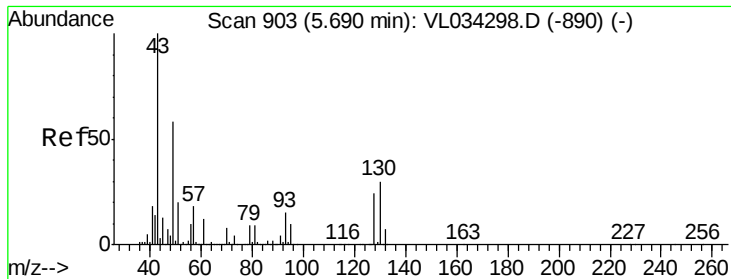
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
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Quant Time: Oct 25 02:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL034351.D

Acq: 24 Oct 2019 18:12

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 49 Resp: 1004006

Ion Ratio Lower Upper

49 100

128 45.9 20.6 61.8

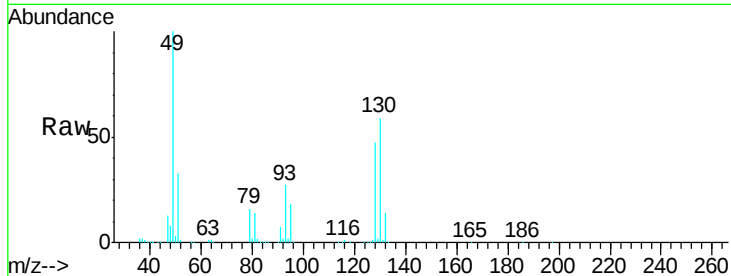
130 59.1 26.2 78.5

Manual Integrations

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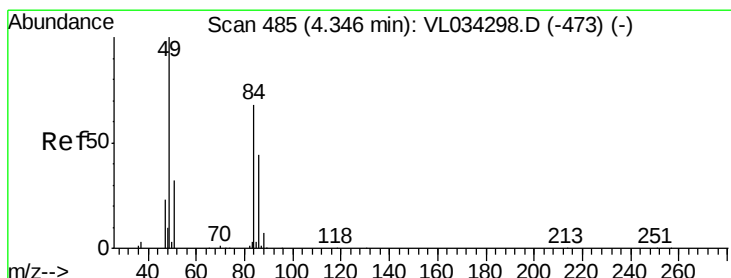
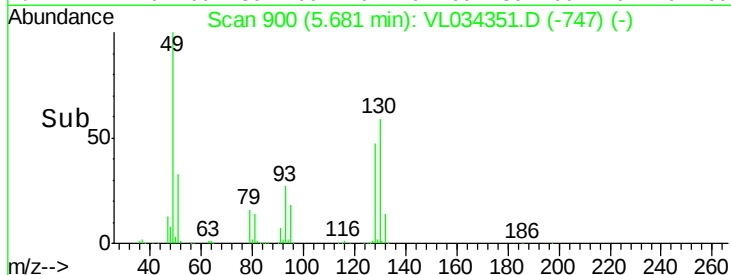
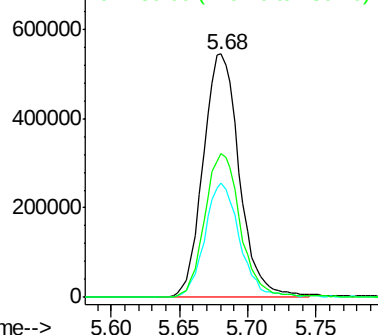
10/28/2019 9:43:35 AM



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



#20

Methylene Chloride

Concen: 0.596 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL034351.D

Acq: 24 Oct 2019 18:12

Tgt Ion: 84 Resp: 30928

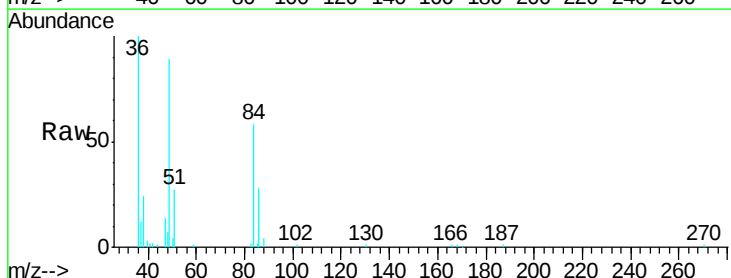
Ion Ratio Lower Upper

84 100

49 151.8 118.5 177.7

51 46.5 38.8 58.2

86 47.1 51.7 77.5#

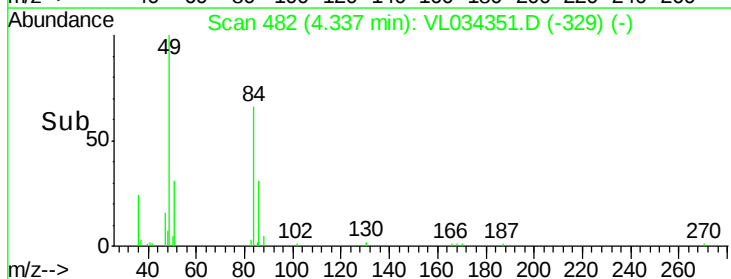
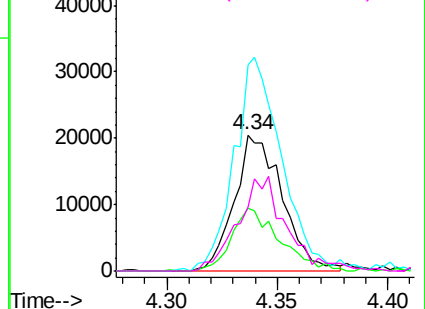


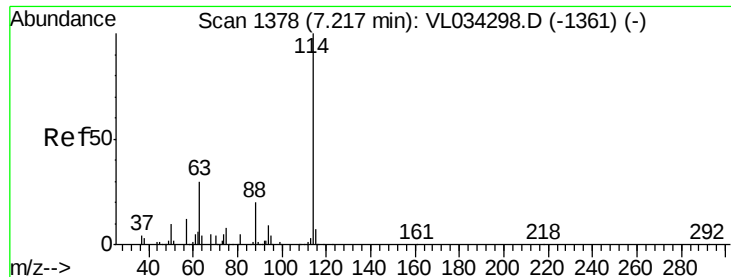
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





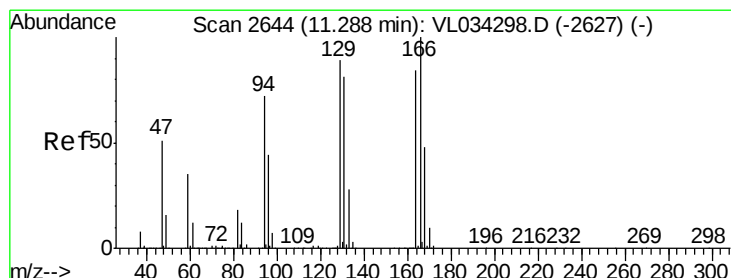
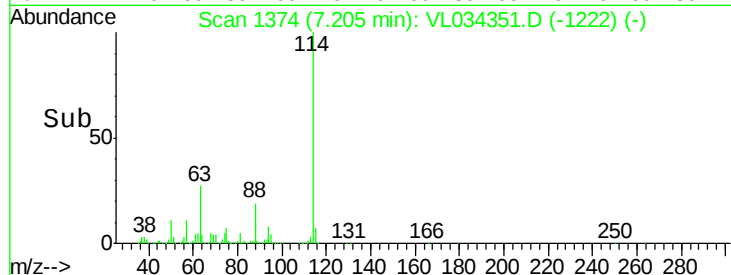
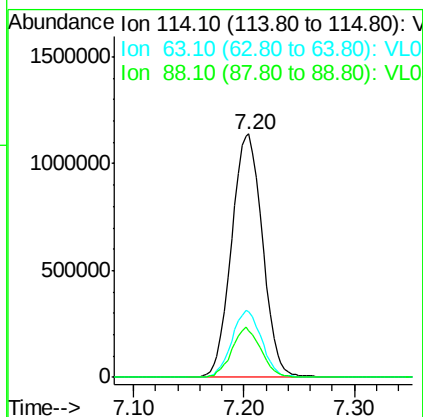
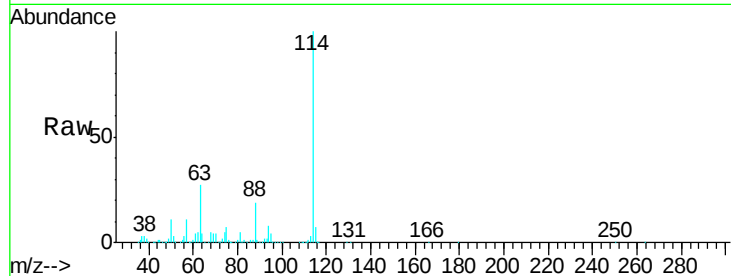
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: VL034351.D
 Acq: 24 Oct 2019 18:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.8	25.2	37.8
88	19.3	16.0	24.0

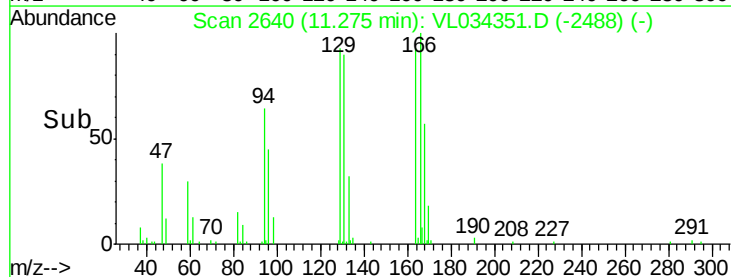
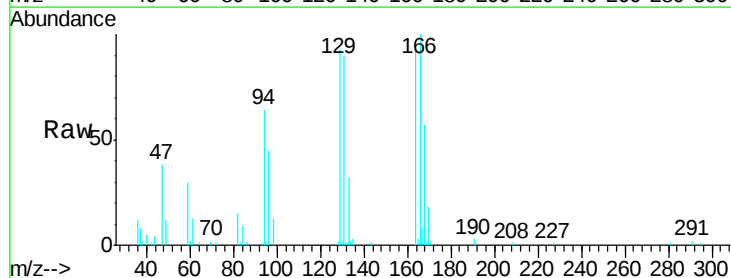
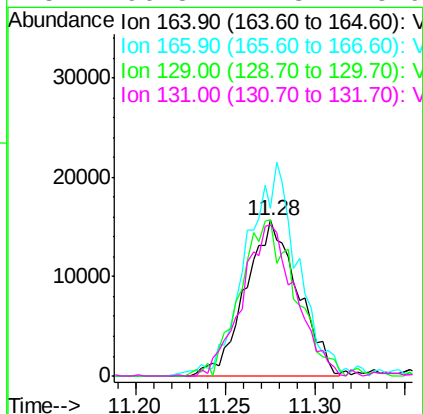
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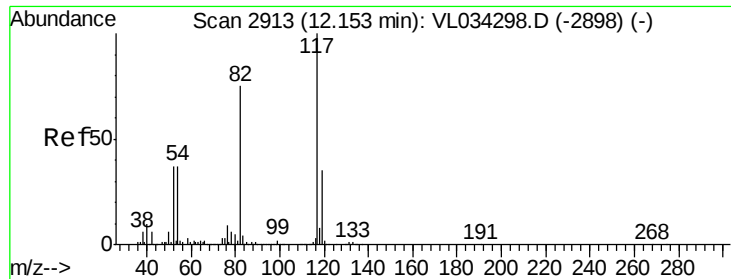
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#52
 Tetrachloroethene
 Concen: 0.383 ppbv m
 RT: 11.28 min Scan# 2640
 Delta R.T. -0.01 min
 Lab File: VL034351.D
 Acq: 24 Oct 2019 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	107.4	95.3	142.9
129	99.9	84.5	126.7
131	96.8	77.3	115.9





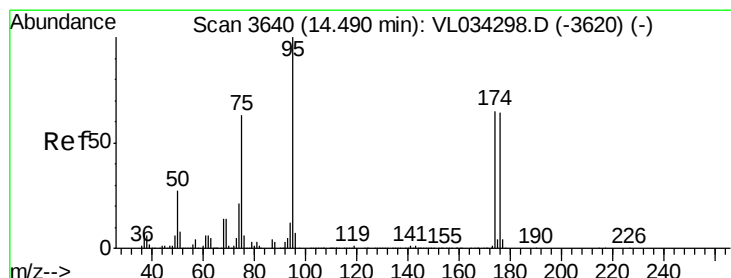
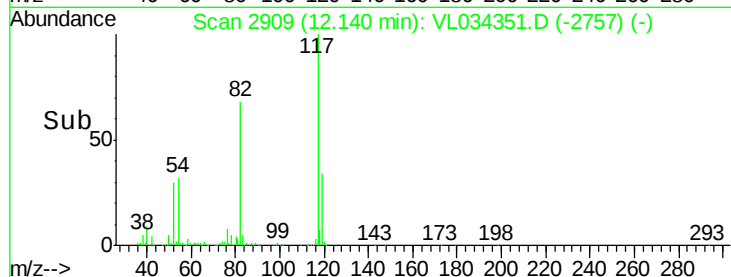
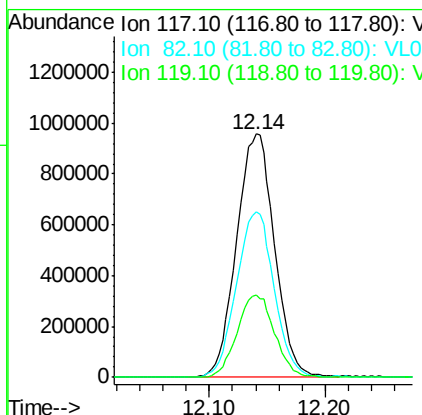
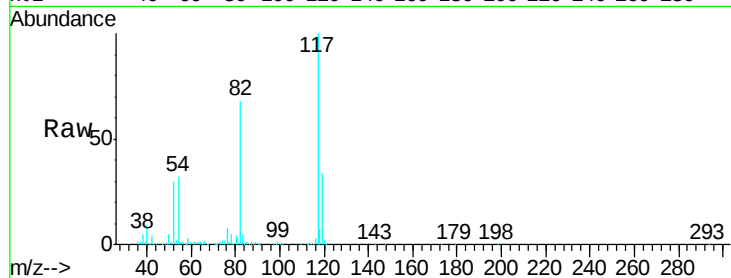
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL034351.D
Acq: 24 Oct 2019 18:12

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 117 Resp: 2181825
Ion Ratio Lower Upper
117 100
82 68.0 55.5 83.3
119 33.4 26.5 39.7

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.330 ppbv
RT: 14.48 min Scan# 3636
Delta R.T. -0.01 min
Lab File: VL034351.D
Acq: 24 Oct 2019 18:12

Tgt Ion: 95 Resp: 1723984
Ion Ratio Lower Upper
95 100
174 71.7 52.6 78.8
175 5.2 3.8 5.6

