

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060719\
 Data File : VL033882.D
 Acq On : 7 Jun 2019 7:53
 Operator : SY/AP
 Sample : VL0607ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0607ABL01

Manual Integrations
 APPROVED

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 6/11/2019 9:18:51 AM

Quant Time: Jun 07 10:35:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 06:23:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	960215	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2255552	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2336552	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1847529	9.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.91	43	26969	0.193	ppbv	# 84
20) Methylene Chloride	4.40	84	6968m	0.128	ppbv	

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

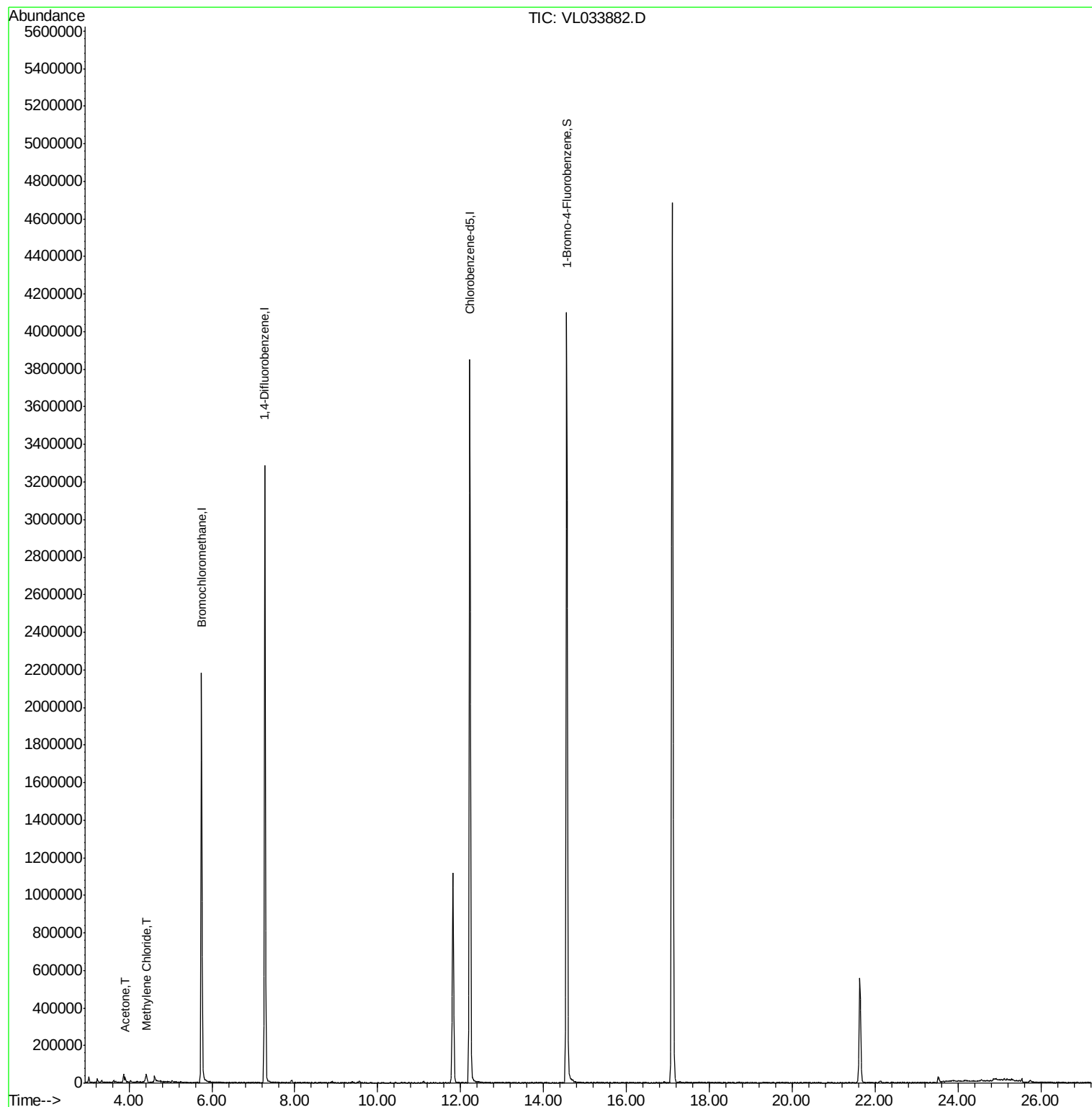
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL060719\
Data File : VL033882.D
Acq On : 7 Jun 2019 7:53
Operator : SY/AP
Sample : VL0607ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

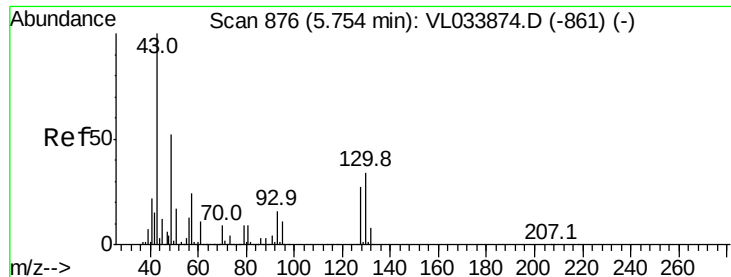
Instrument :
MSVOA_L
ClientSampleId :
VL0607ABL01

Manual Integrations
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Quant Time: Jun 07 10:35:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 07 06:23:16 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 874

Delta R.T. -0.01 min

Lab File: VL033882.D

Acq: 7 Jun 2019 7:53

Instrument :

MSVOA_L

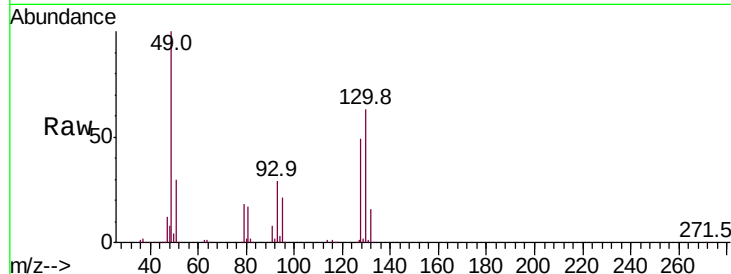
ClientSampleId :

VL0607ABL01

Tot Ion:	49	Resp:	960215
Ion Ratio	Lower	Upper	
49	100		
128	50.0	25.5	76.5
130	64.4	32.5	97.4

Manual Integrations
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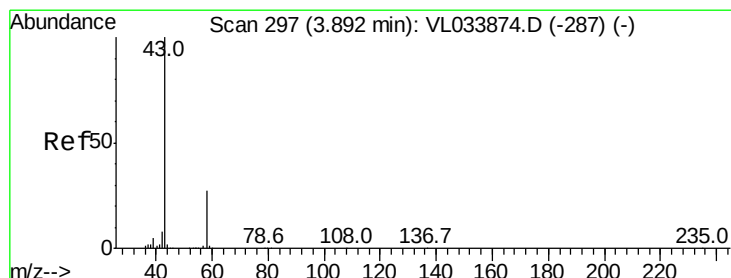
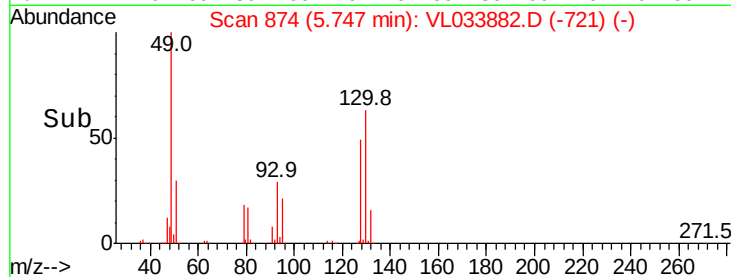
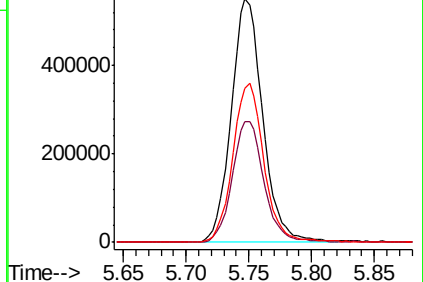
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.193 ppbv

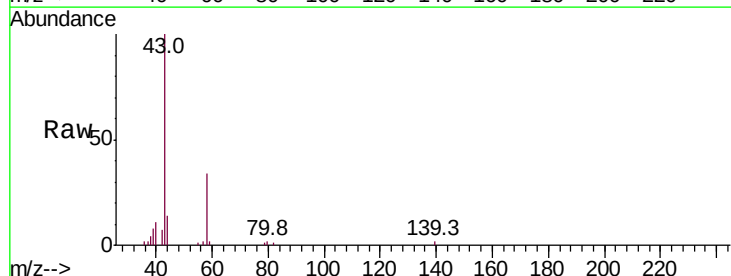
RT: 3.91 min Scan# 302

Delta R.T. 0.02 min

Lab File: VL033882.D

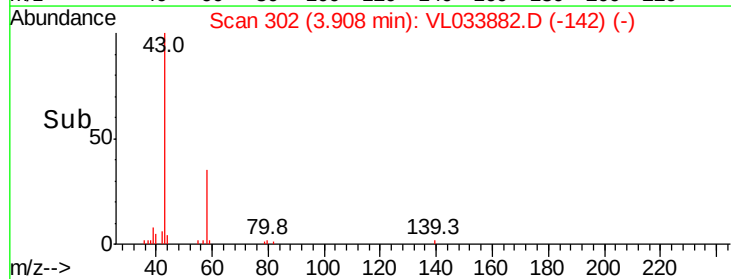
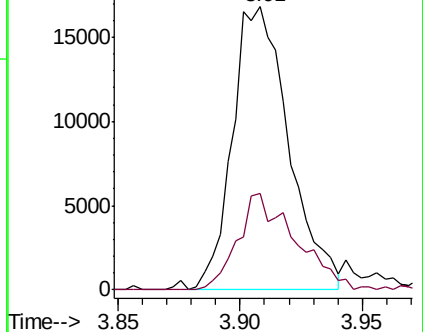
Acq: 7 Jun 2019 7:53

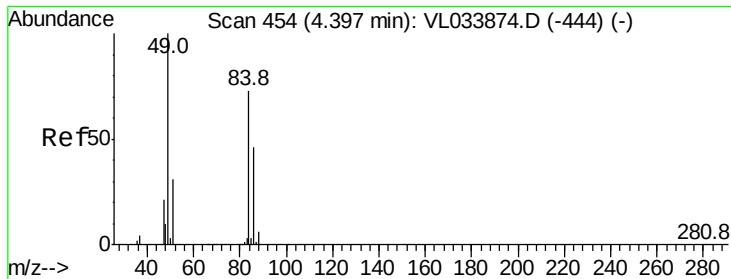
Tgt Ion:	43	Resp:	26969
Ion Ratio	Lower	Upper	
43	100		
58	34.7	21.3	31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





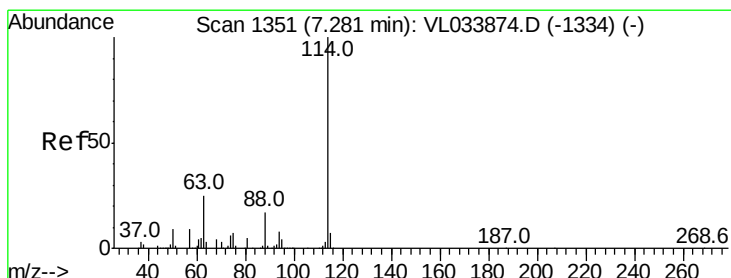
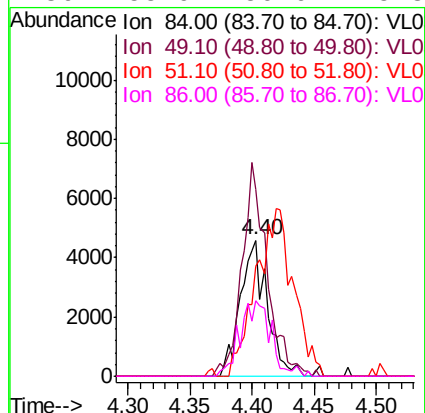
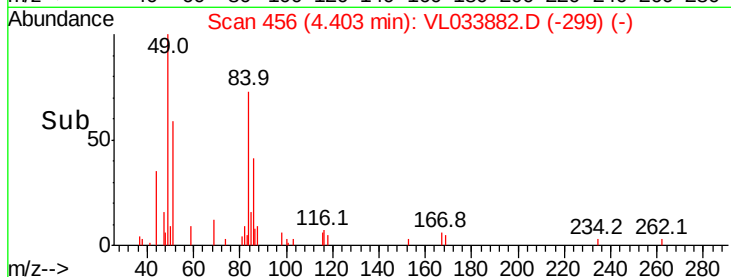
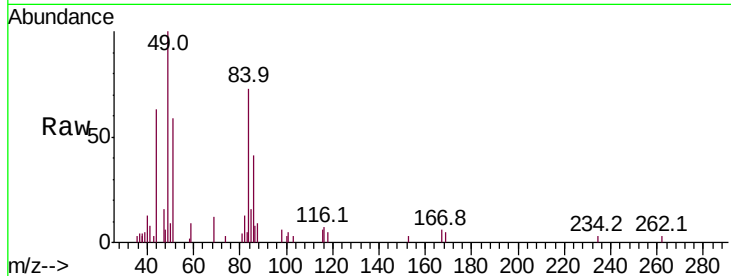
#20
Methylene Chloride
Concen: 0.128 ppbv m
RT: 4.40 min Scan# 456
Delta R.T. 0.01 min
Lab File: VL033882.D
Acq: 7 Jun 2019 7:53

Instrument :
MSVOA_L
ClientSampled :
VL0607ABL01

Tot Ion	Ratio	Lower	Upper
84	100		
49	137.4	110.0	165.0
51	81.3	34.6	51.8#
86	55.9	50.6	75.8

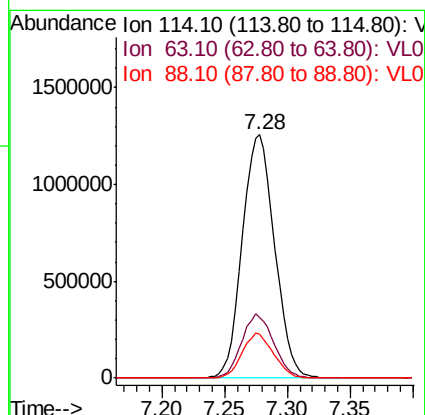
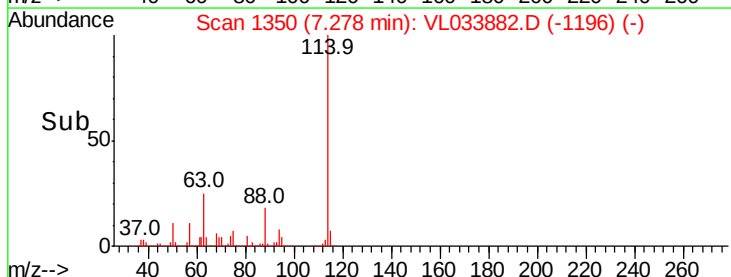
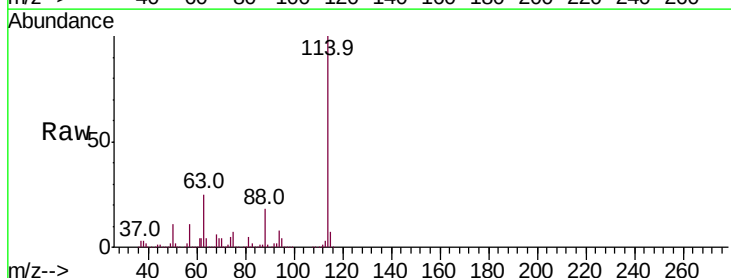
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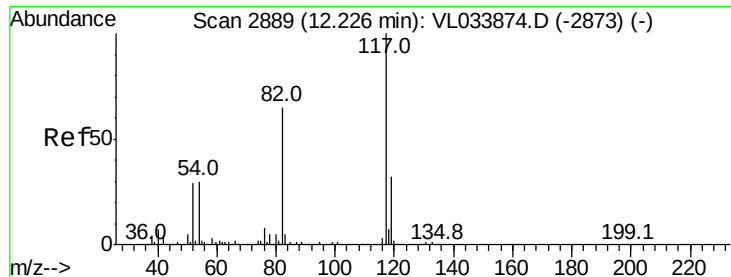
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL033882.D
Acq: 7 Jun 2019 7:53

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.3	21.1	31.7
88	17.9	14.2	21.4





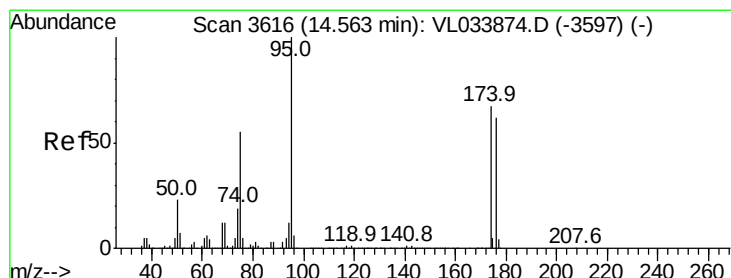
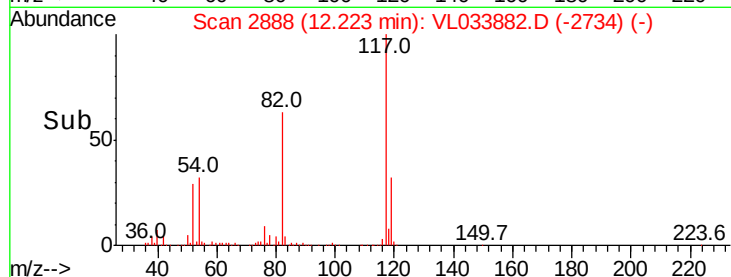
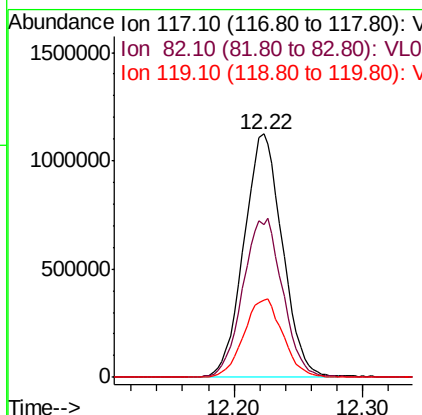
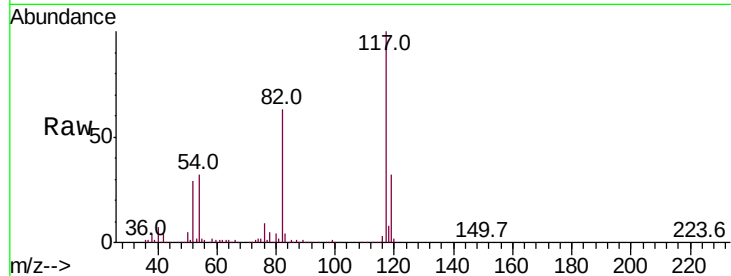
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.22 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL033882.D
Acq: 7 Jun 2019 7:53

Instrument :
MSVOA_L
ClientSampleId :
VL0607ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.9	50.2	75.2
119	32.7	24.8	37.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.626 ppbv
RT: 14.56 min Scan# 3615
Delta R.T. -0.00 min
Lab File: VL033882.D
Acq: 7 Jun 2019 7:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.4	54.0	81.0
175	4.7	3.8	5.8

