

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL011619\
 Data File : VL033088.D
 Acq On : 16 Jan 2019 11:10
 Operator : SY/AP
 Sample : VL0116ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0116ABL01

Manual Integrations
 APPROVED

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 1/17/2019 3:15:52 PM

Quant Time: Jan 17 09:17:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jan 0
 QLast Update : Fri Jan 04 16:09:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1049410	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2610139	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2517518	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1834747	9.51	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.93	43	24340m	0.168	ppbv	
20) Methylene Chloride	4.42	84	15039	0.248	ppbv #	80

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

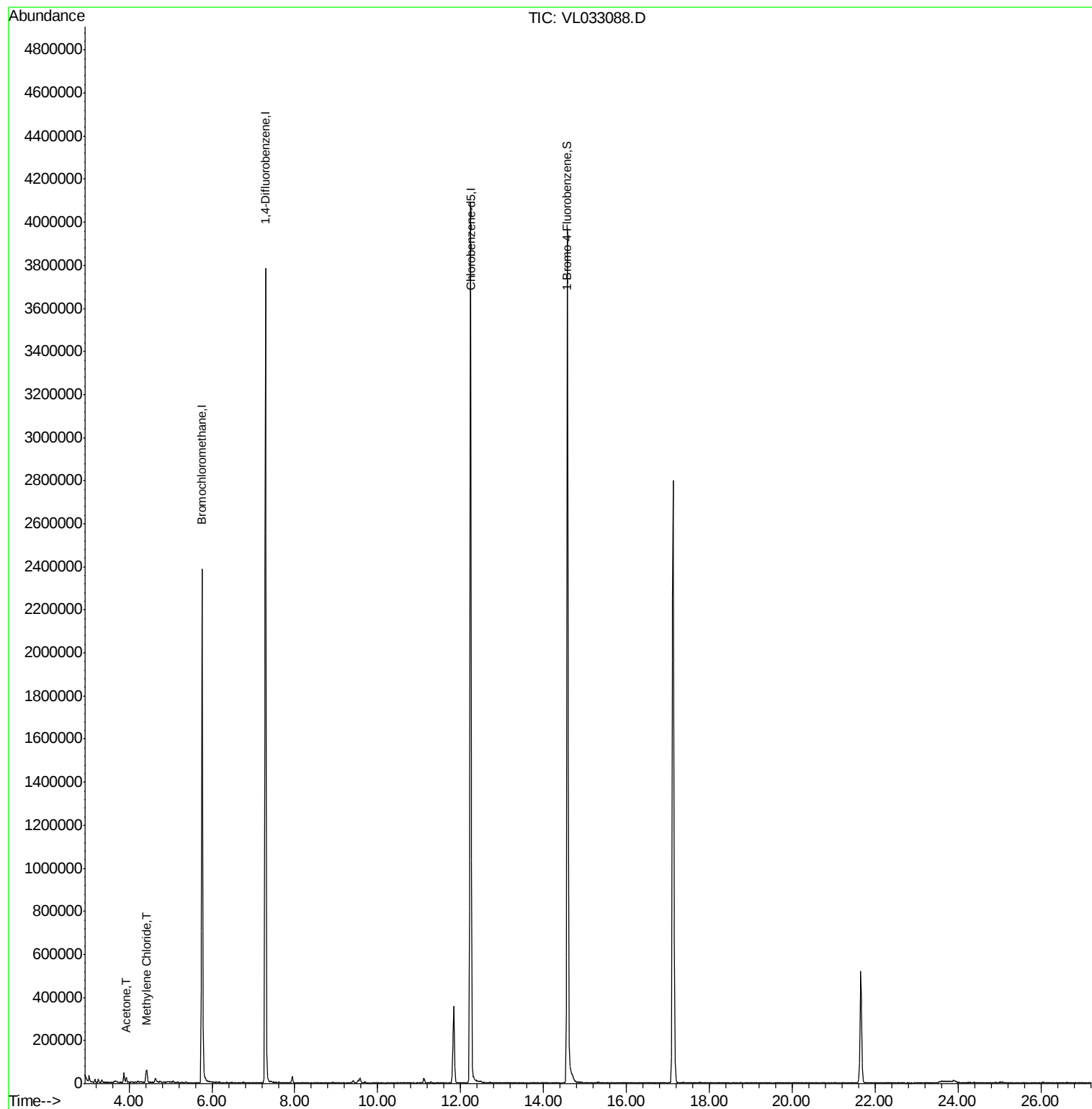
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL011619\
Data File : VL033088.D
Acq On : 16 Jan 2019 11:10
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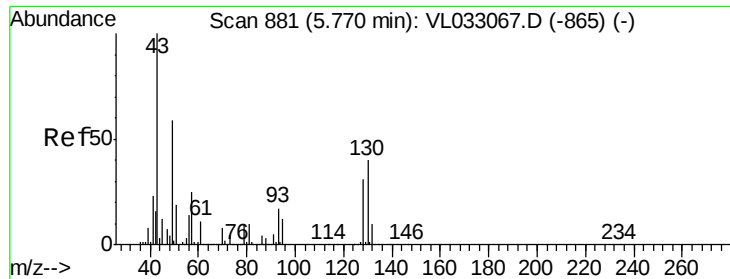
Instrument :
MSVOA_L
ClientSampleId :
VL0116ABL01

Manual Integrations
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1/17/2019 3:15:52 PM

Quant Time: Jan 17 09:17:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033088.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_L

ClientSampleId :

VL0116ABL01

Tot Ion: 49 Resp: 1049410

Ion Ratio Lower Upper

49 100

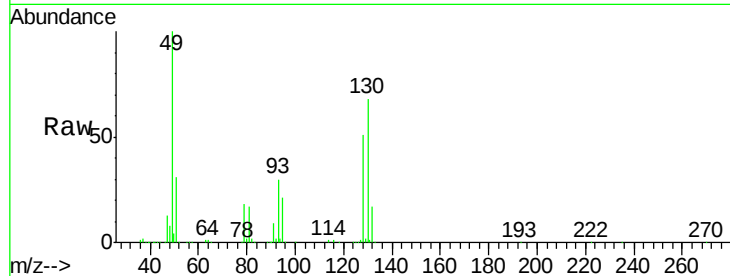
128 52.8 26.2 78.5

130 67.9 33.6 100.6

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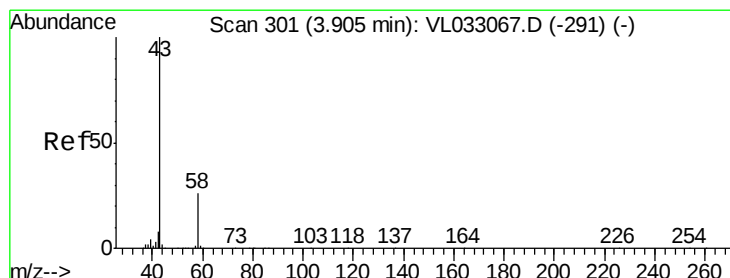
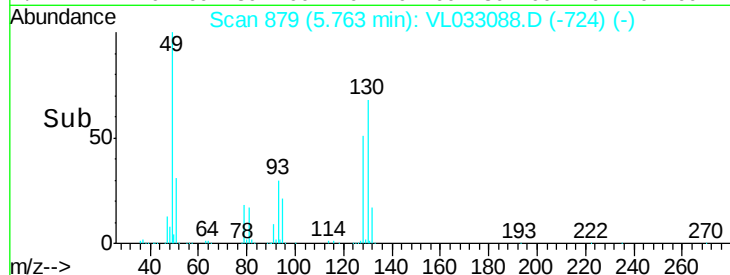
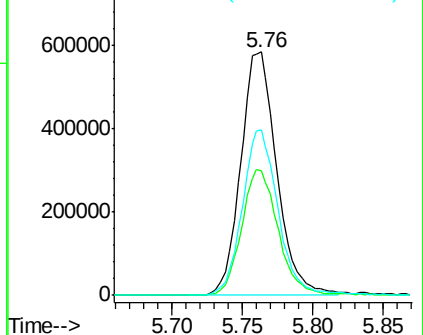
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.168 ppbv m

RT: 3.93 min Scan# 310

Delta R.T. 0.03 min

Lab File: VL033088.D

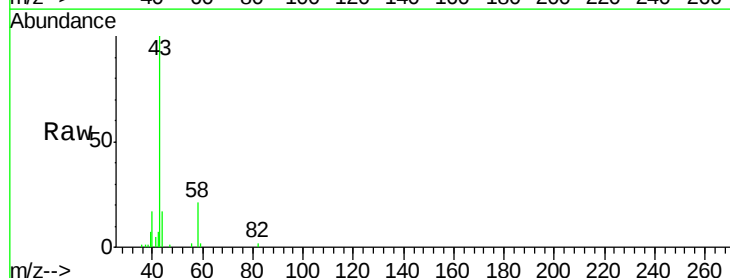
Acq: 16 Jan 2019 11:10

Tgt Ion: 43 Resp: 24340

Ion Ratio Lower Upper

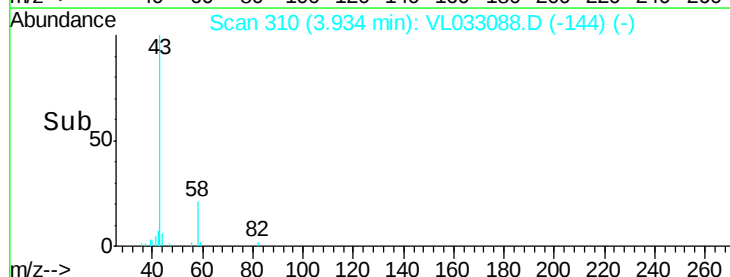
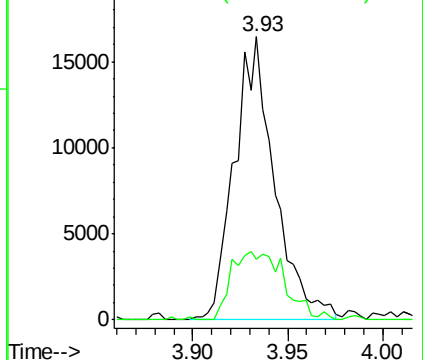
43 100

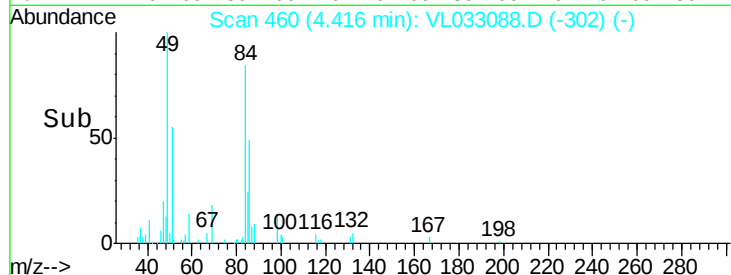
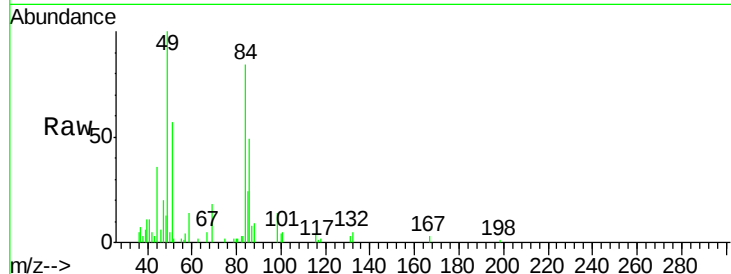
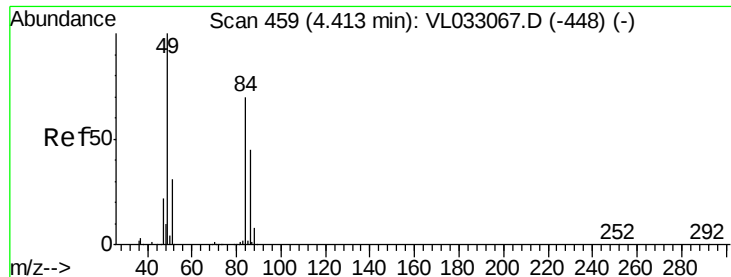
58 32.2 21.1 31.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





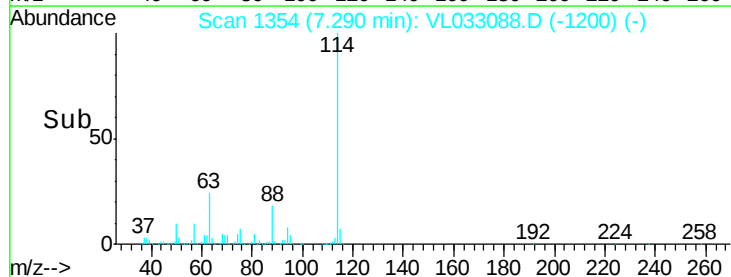
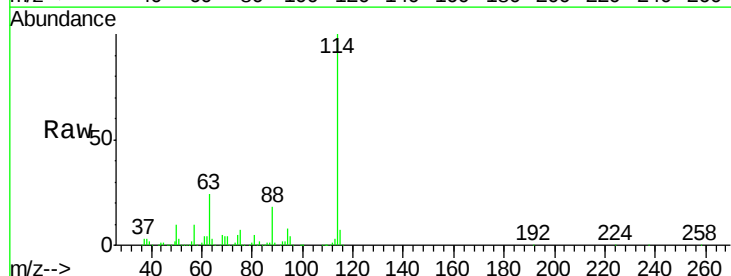
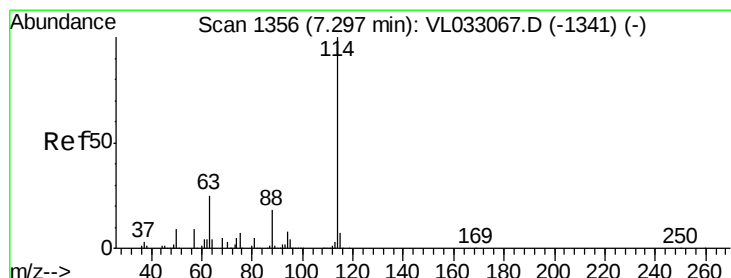
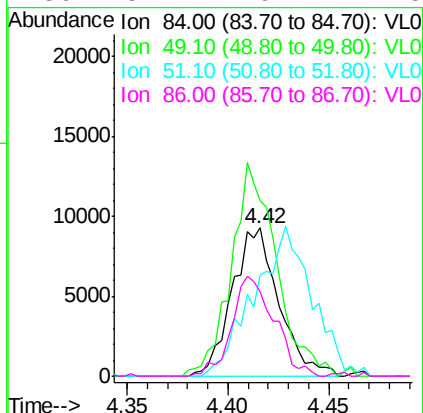
#20
Methvlene Chloride
Concen: 0.248 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.01 min
Lab File: VL033088.D
Acq: 16 Jan 2019 11:10

Tot Ion	Ratio	Lower	Upper
84	100		
49	118.4	115.8	173.6
51	67.9	35.7	53.5
86	57.4	49.7	74.5

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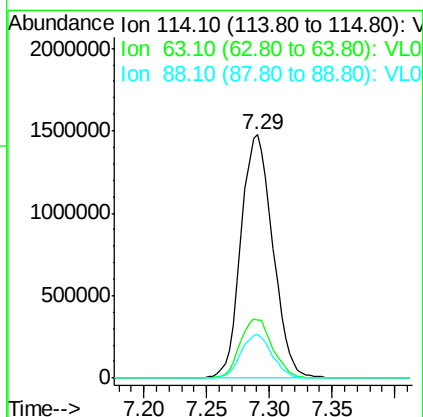
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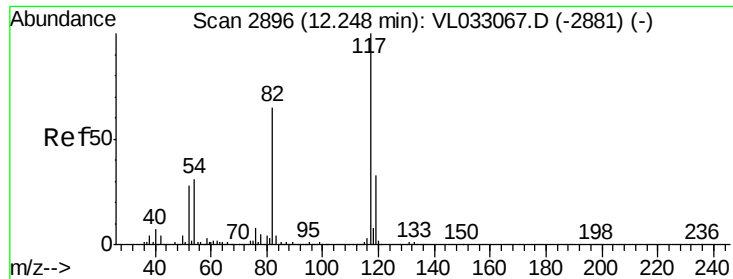
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033088.D
Acq: 16 Jan 2019 11:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.1	30.1
88	17.7	14.0	21.0





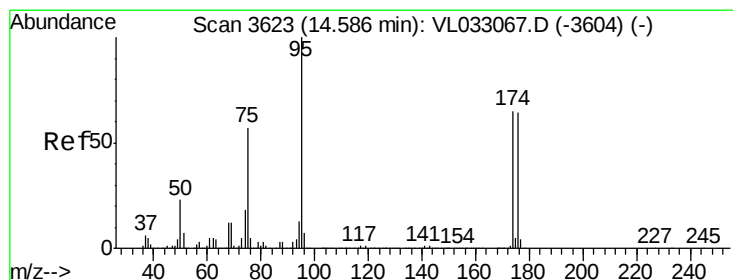
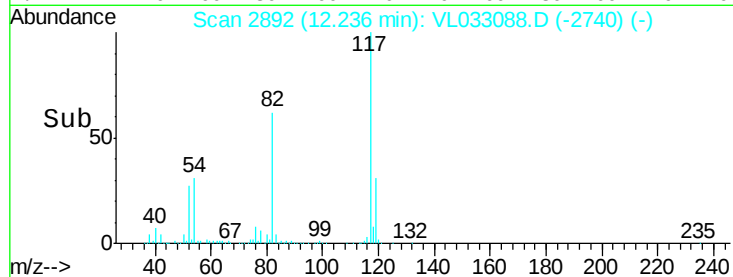
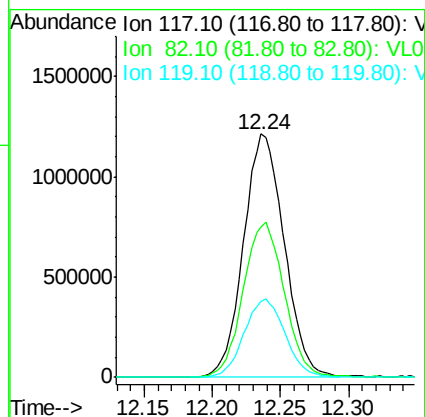
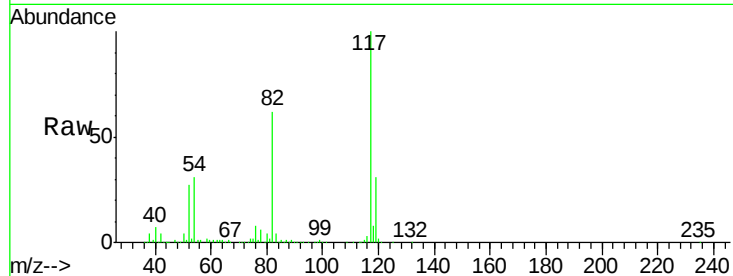
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033088.D
Acq: 16 Jan 2019 11:10

Instrument :
MSVOA_L
ClientSampleId :
VL0116ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.0	48.9	73.3
119	32.6	24.6	37.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.507 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033088.D
Acq: 16 Jan 2019 11:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.4	51.9	77.9
175	4.8	3.9	5.9

