

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034488.D
 Acq On : 10 Dec 2019 8:47
 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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 12/11/2019 2:13:26 PM

Quant Time: Dec 10 17:36:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane			5.67	49	884292	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene			7.19	114	1751772	10.00	ppbv	-0.01
55) Chlorobenzene-d5			12.13	117	1753231	10.00	ppbv	0.00
System Monitoring Compounds								
68) 1-Bromo-4-Fluorobenzene			14.47	95	1521350	10.31	ppbv	-0.01
Spiked Amount		10.000	Range	65 - 135		Recovery	=	103.10%
Target Compounds								
5) Vinyl Chloride			3.23	62	2818m	0.046	ppbv	Ovalue
15) Acetone			3.85	43	17753	0.140	ppbv	92

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

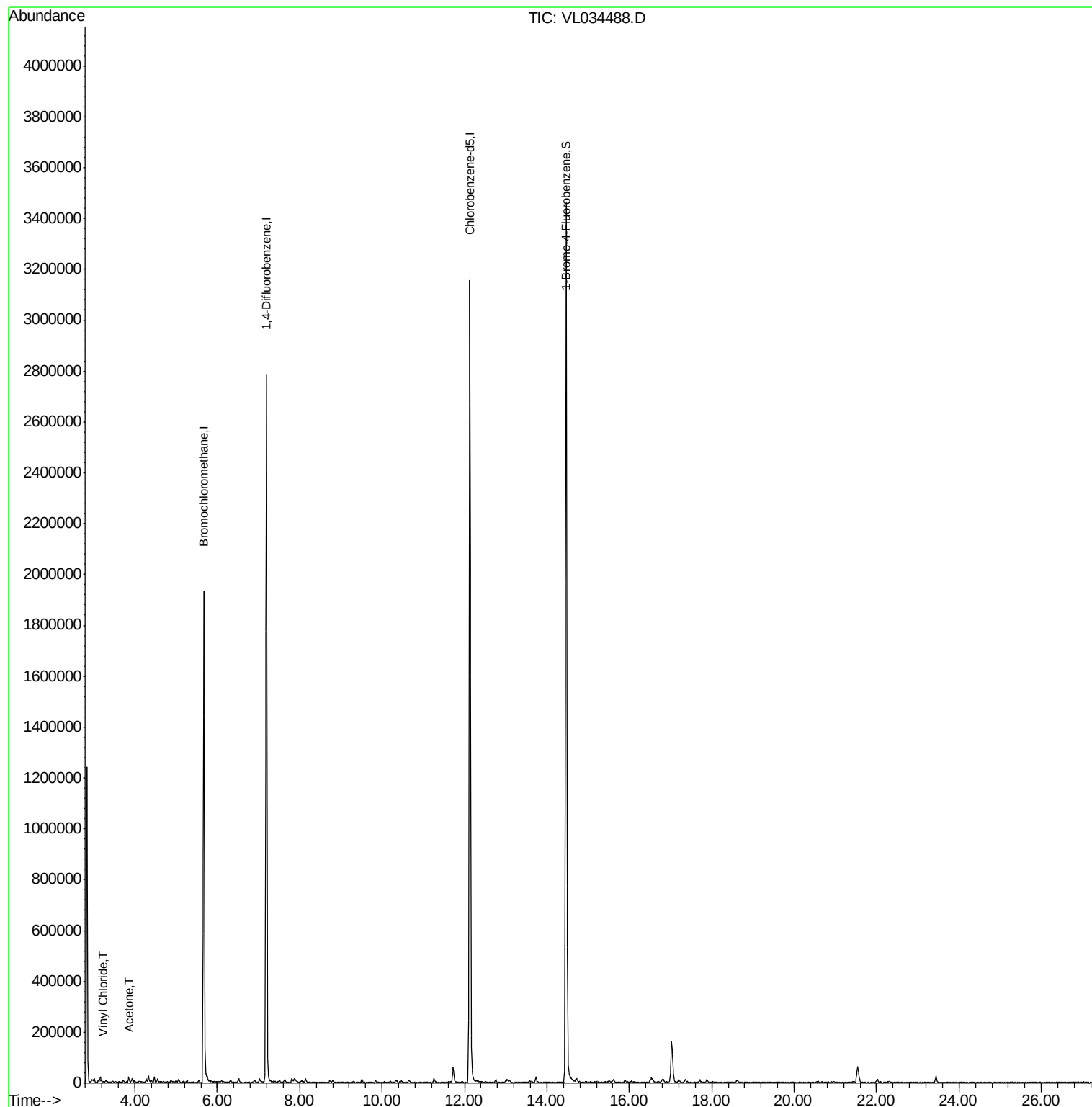
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120919\
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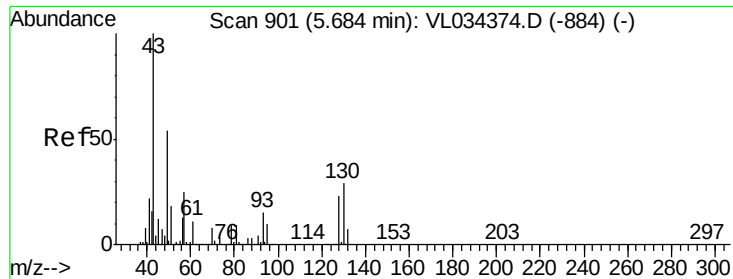
Instrument :
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Quant Time: Dec 10 17:36:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.02 min

Lab File: VL034488.D

Acq: 10 Dec 2019 8:47

Instrument :

MSVOA_L

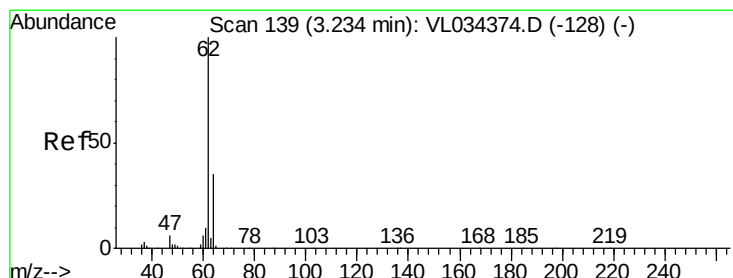
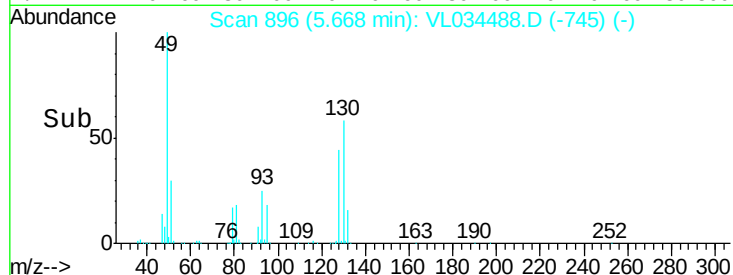
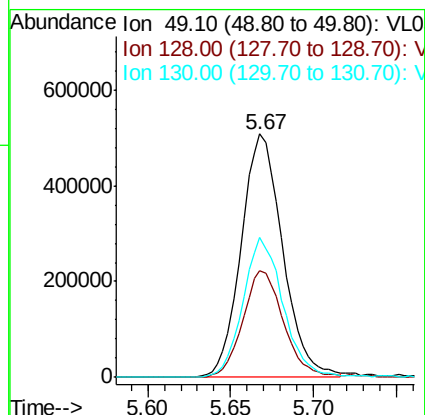
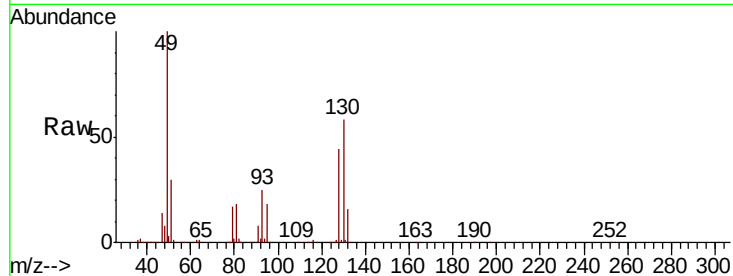
ClientSampled :

VIBLK

Tot Ion:	49	Resp:	884292
Ion	Ratio	Lower	Upper
49	100		
128	44.0	21.8	65.3
130	55.9	28.0	84.0

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#5

Vinyl Chloride

Concen: 0.046 ppbv m

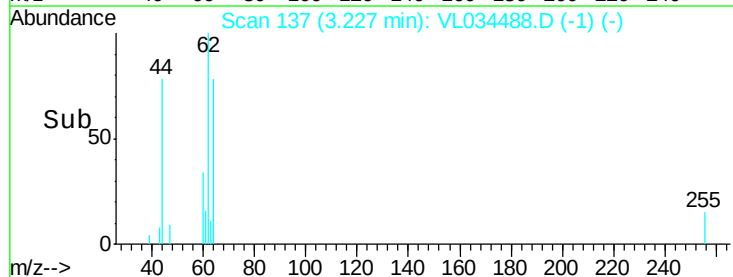
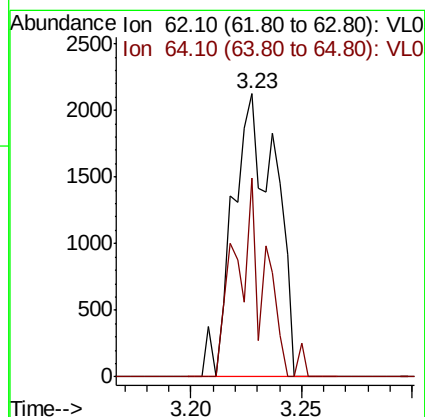
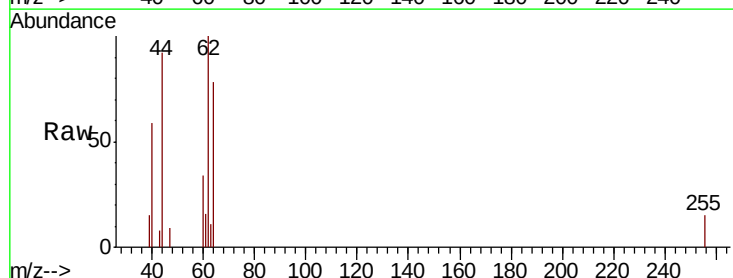
RT: 3.23 min Scan# 137

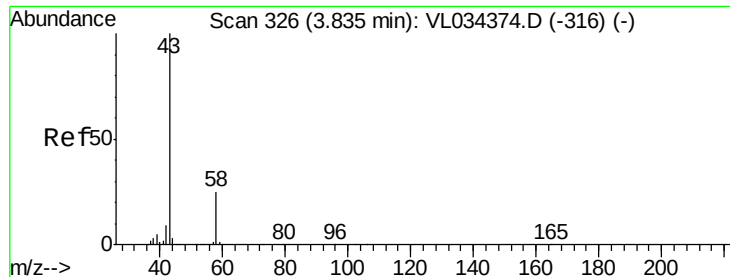
Delta R.T. -0.01 min

Lab File: VL034488.D

Acq: 10 Dec 2019 8:47

Tgt Ion:	62	Resp:	2818
Ion	Ratio	Lower	Upper
62	100		
64	78.0	28.4	42.6#





#15

Acetone

Concen: 0.140 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.02 min

Lab File: VL034488.D

Acq: 10 Dec 2019 8:47

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 43 Resp: 17753

Ion Ratio Lower Upper

43 100

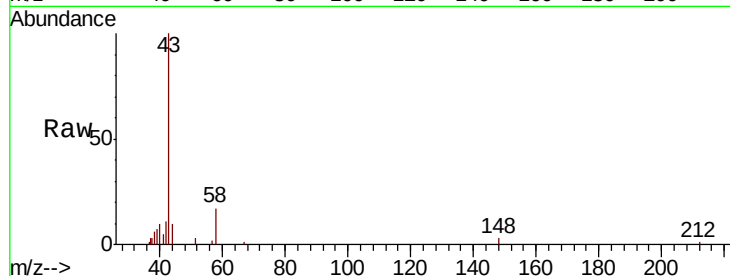
58 29.2 20.2 30.4

Manual Integrations

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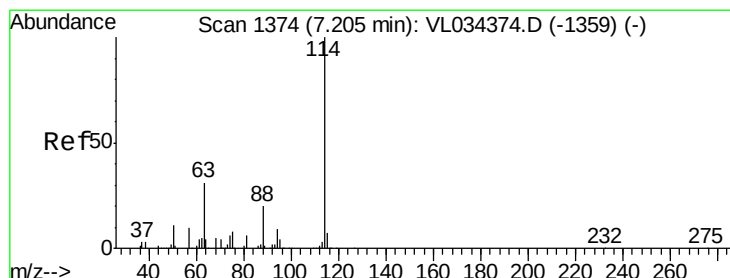
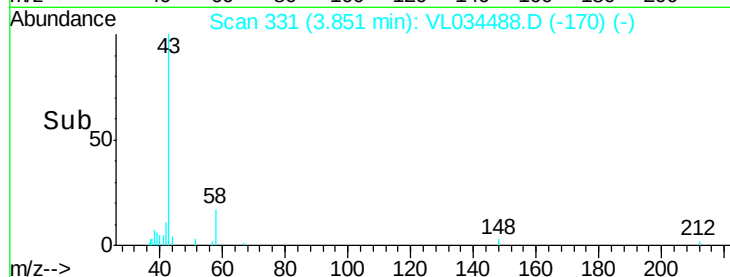
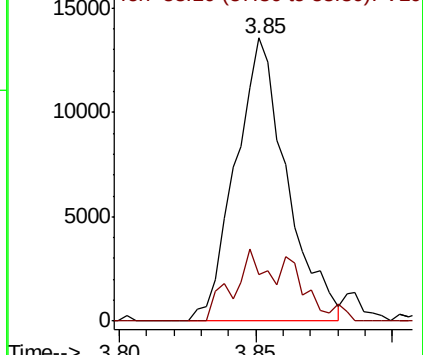
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. -0.01 min

Lab File: VL034488.D

Acq: 10 Dec 2019 8:47

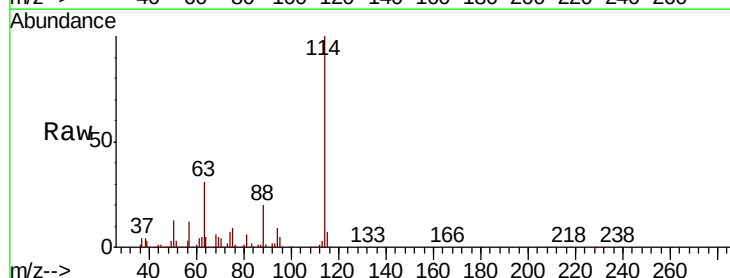
Tgt Ion: 114 Resp: 1751772

Ion Ratio Lower Upper

114 100

63 30.2 24.2 36.4

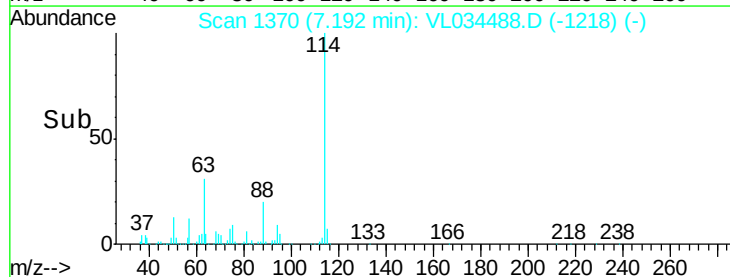
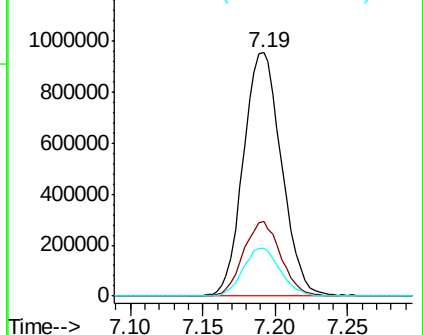
88 19.3 15.9 23.9

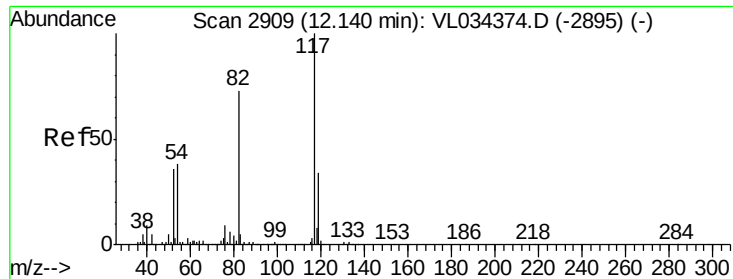


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





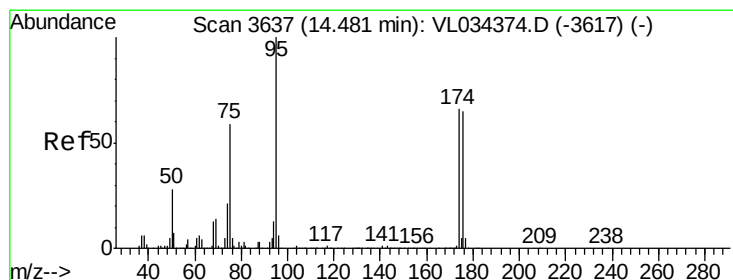
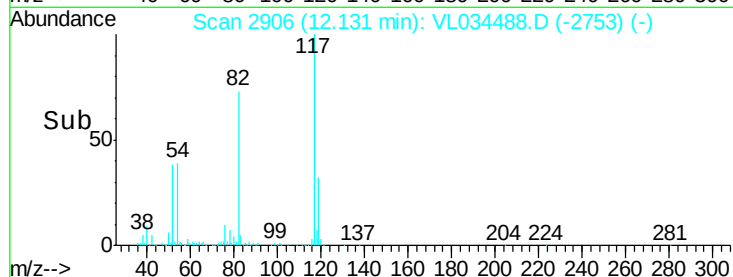
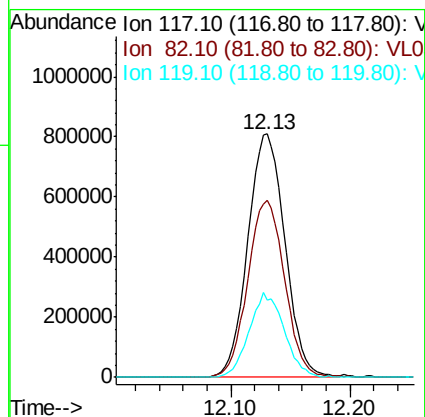
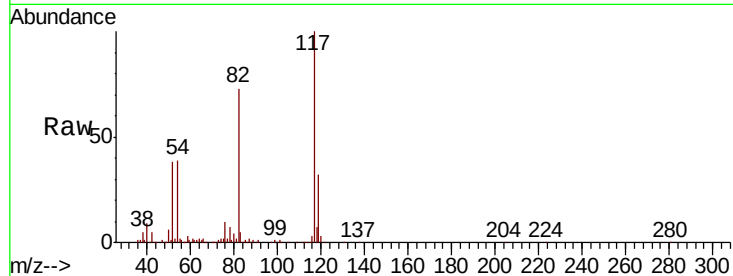
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.01 min
Lab File: VL034488.D
Acq: 10 Dec 2019 8:47

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	72.6	57.5	86.3
119	33.0	25.4	38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.315 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. -0.01 min
Lab File: VL034488.D
Acq: 10 Dec 2019 8:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.2	52.2	78.2
175	4.7	3.8	5.8

