

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111919\
 Data File : VL034398.D
 Acq On : 20 Nov 2019 3:27
 Operator : SY/AP
 Sample : K5924-03DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL2

Manual Integrations
 APPROVED

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 11/20/2019 3:54:28 PM

Quant Time: Nov 20 06:19:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 20 13:43:16 2019
 QLast Update : Wed Nov 20 03:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	913819	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1764423	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1773195	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1527663	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%
Target Compounds						
13) Ethanol	3.62	45	2487m	0.168	ppbv	Ovalue
15) Acetone	3.85	43	25607	0.196	ppbv #	81

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

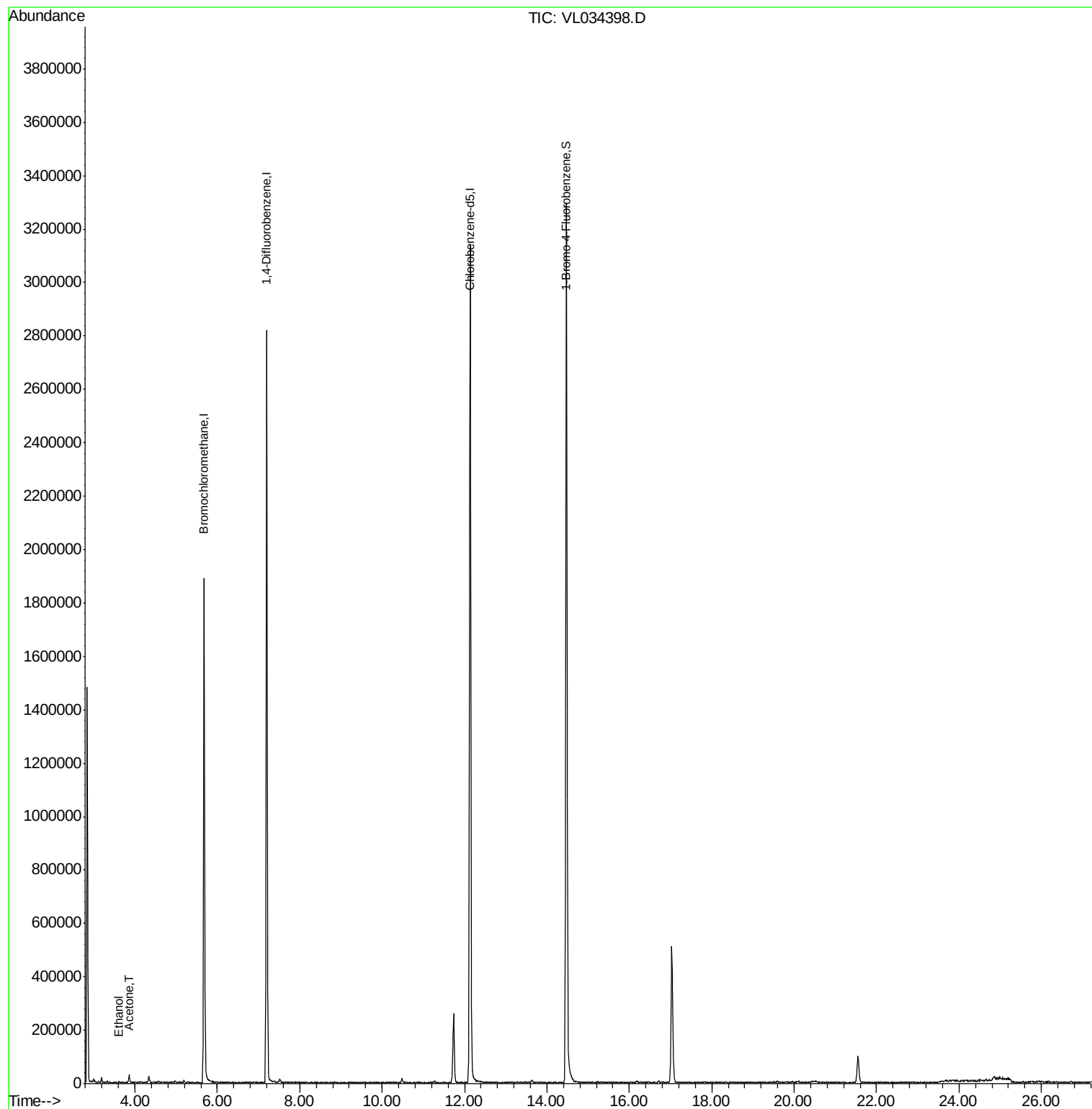
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111919\
Data File : VL034398.D
Acq On : 20 Nov 2019 3:27
Operator : SY/AP
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Misc : 400ml/MSVOA L
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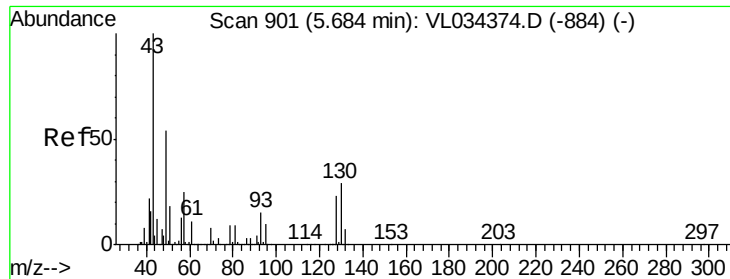
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Nov 20 06:19:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 20 03:30:54 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

Lab File: VL034398.D

Acq: 20 Nov 2019 3:27

Instrument :

MSVOA_L

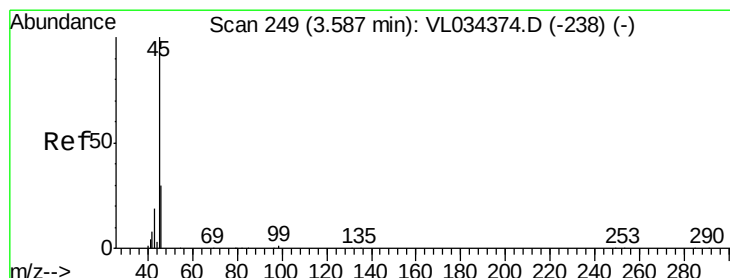
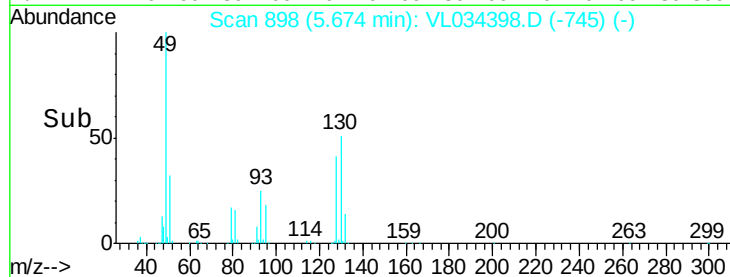
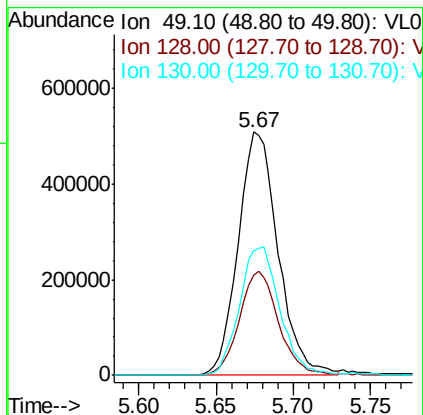
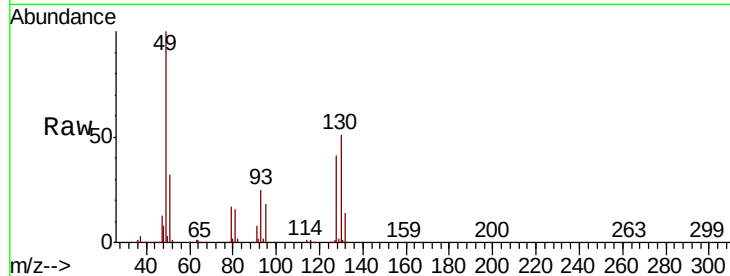
ClientSampleId :

QA1DL2

Tot Ion:	49	Resp:	913819
Ion	Ratio	Lower	Upper
49	100		
128	42.4	21.8	65.3
130	54.5	28.0	84.0

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#13

Ethanol

Concen: 0.168 ppbv m

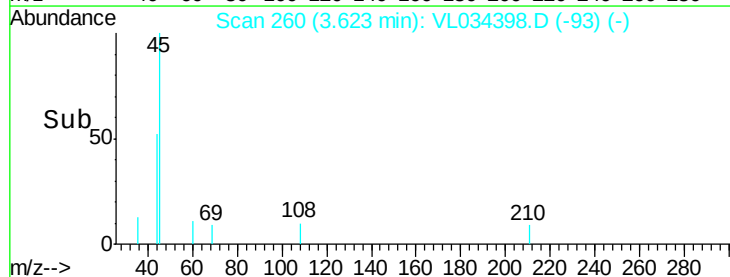
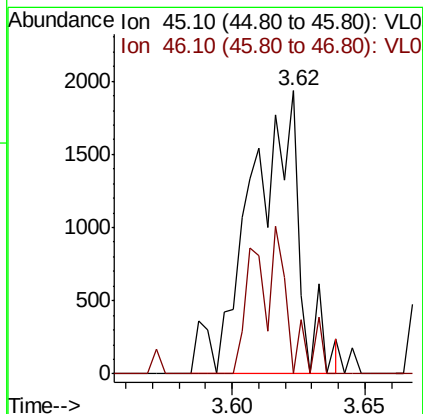
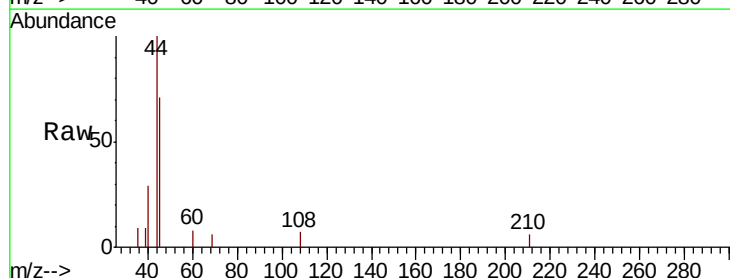
RT: 3.62 min Scan# 260

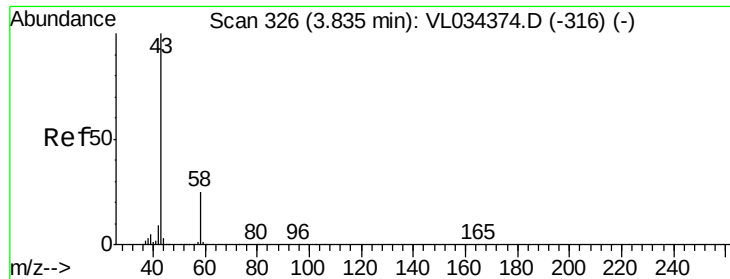
Delta R.T. 0.04 min

Lab File: VL034398.D

Acq: 20 Nov 2019 3:27

Tgt Ion:	45	Resp:	2487
Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.4#





#15

Acetone

Concen: 0.196 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.02 min

Lab File: VL034398.D

Acq: 20 Nov 2019 3:27

Instrument :

MSVOA_L

ClientSampleId :

QA1DL2

Tot Ion: 43 Resp: 25607

Ion Ratio Lower Upper

43 100

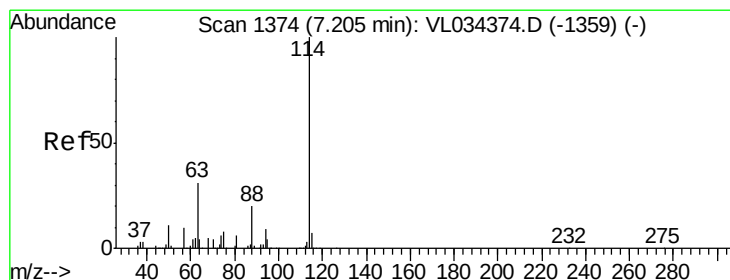
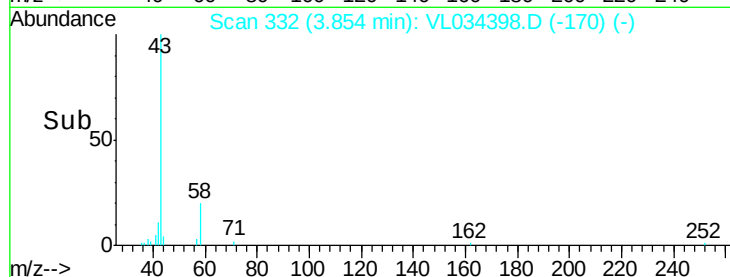
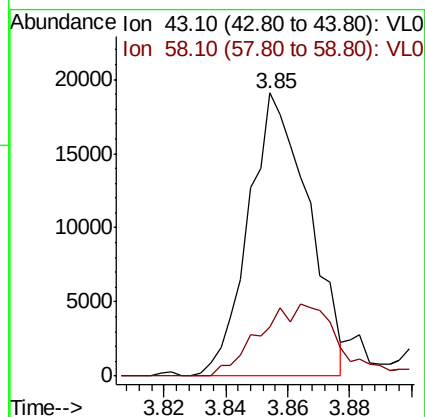
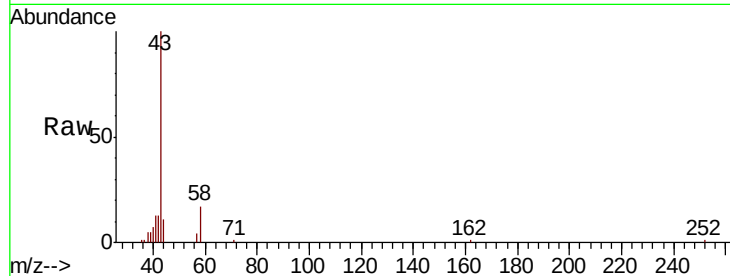
58 34.8 20.2 30.4#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1372

Delta R.T. -0.01 min

Lab File: VL034398.D

Acq: 20 Nov 2019 3:27

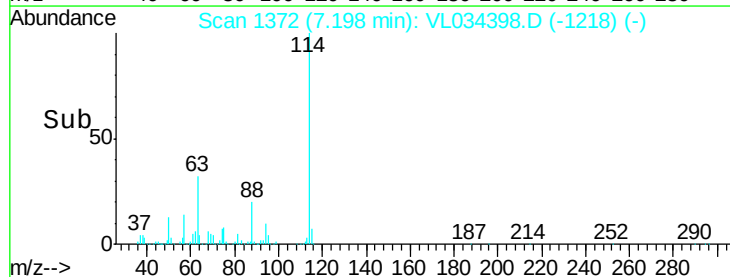
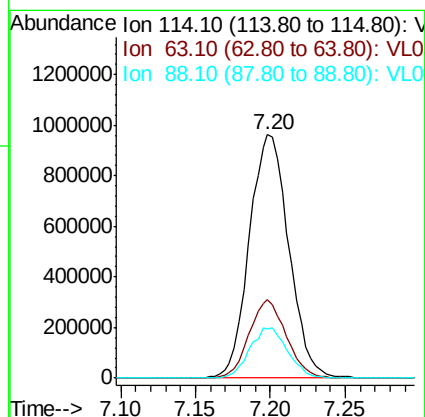
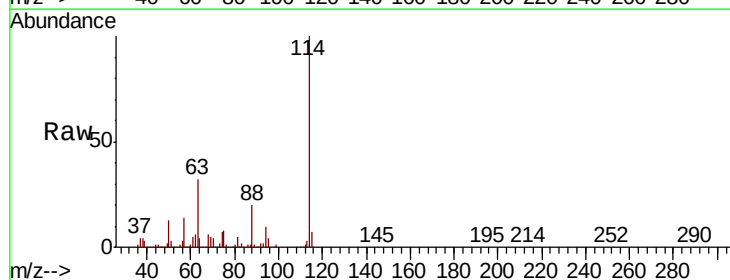
Tgt Ion: 114 Resp: 1764423

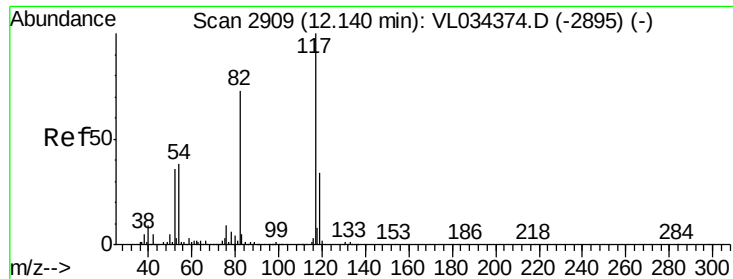
Ion Ratio Lower Upper

114 100

63 30.5 24.2 36.4

88 19.9 15.9 23.9





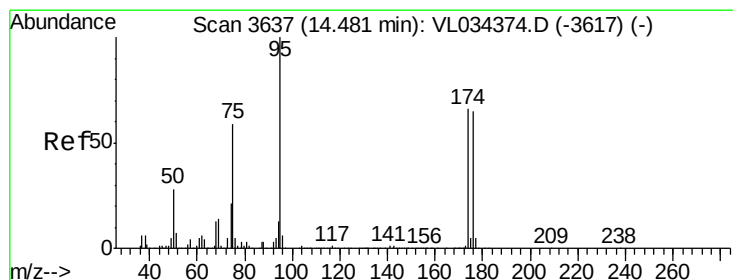
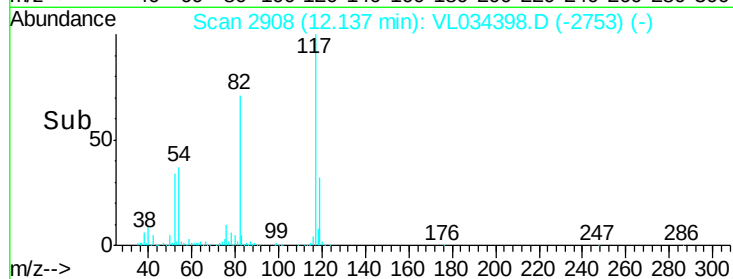
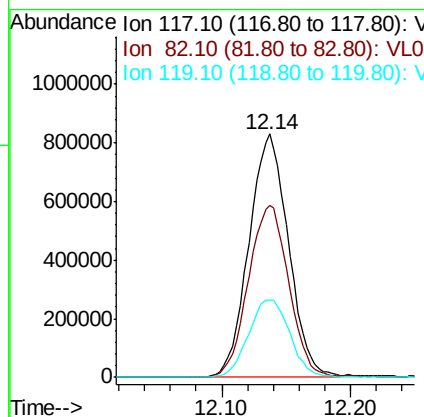
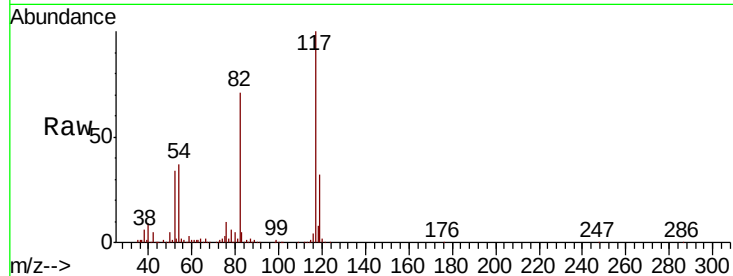
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VL034398.D
Acq: 20 Nov 2019 3:27

Instrument :
MSVOA_L
ClientSampleId :
QA1DL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	73.2	57.5	86.3
119	33.6	25.4	38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.241 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034398.D
Acq: 20 Nov 2019 3:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.2	78.2
175	4.7	3.8	5.8

