

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
 Data File : VL034644.D
 Acq On : 19 Feb 2020 4:12
 Operator : SY/AP
 Sample : L1532-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 L-IADL

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 3:26:46 PM

Quant Time: Feb 20 16:44:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1007701	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2114445	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2104437	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1754918	9.87	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	48257m	3.800	ppbv	
15) Acetone	3.82	43	988414	6.674	ppbv	98

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

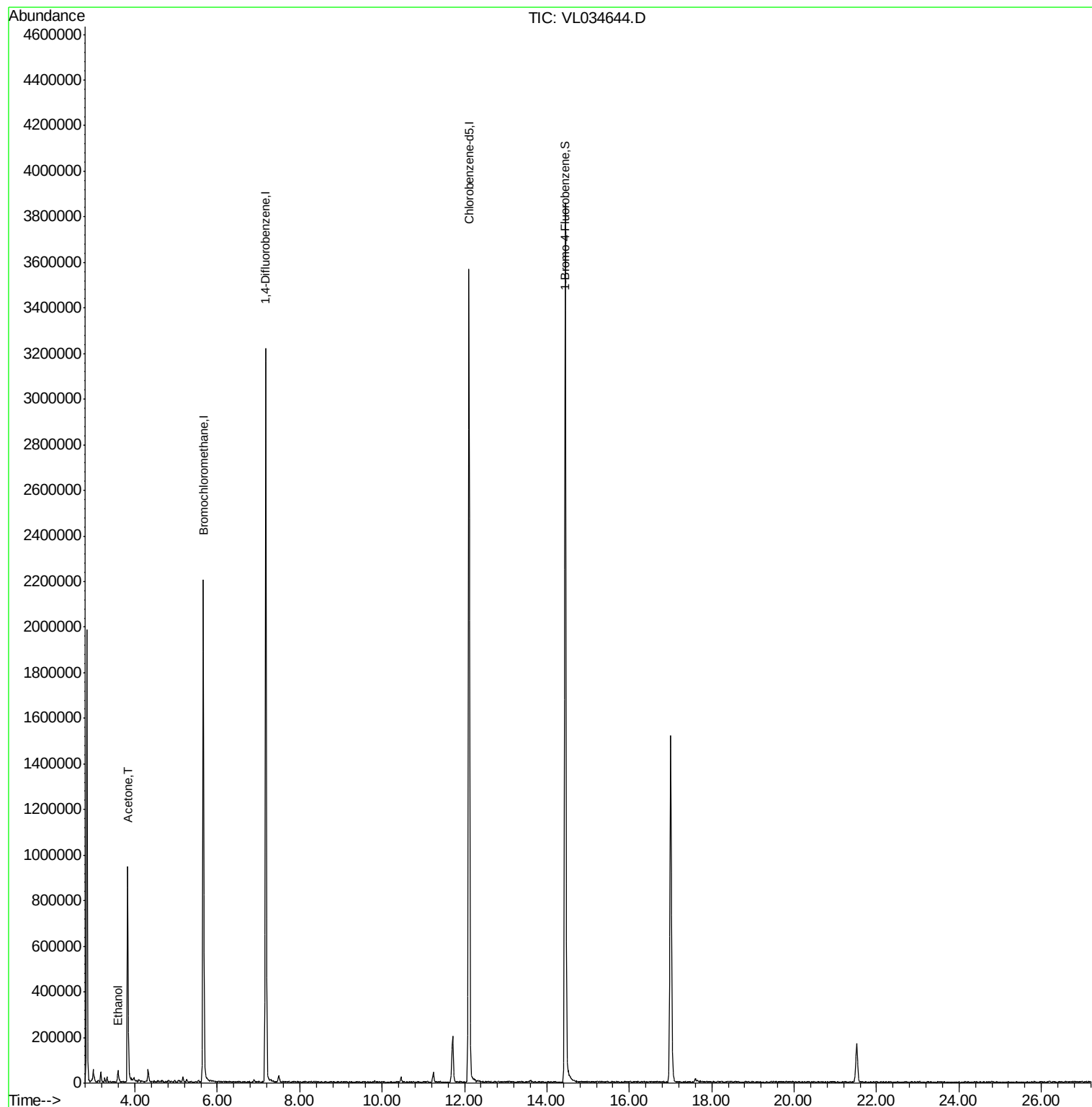
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021820\
Data File : VL034644.D
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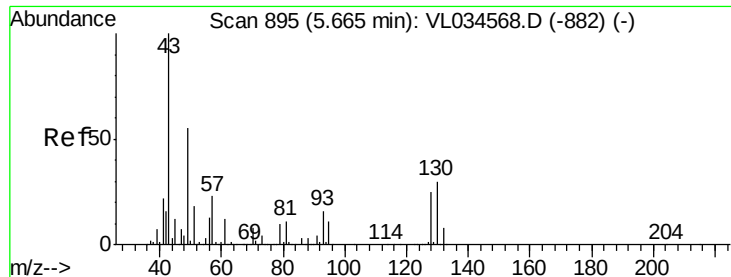
Instrument :
MSVOA_L
ClientSampleId :
L-IADL

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Quant Time: Feb 20 16:44:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





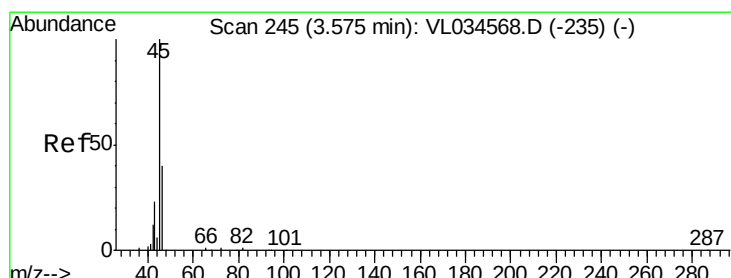
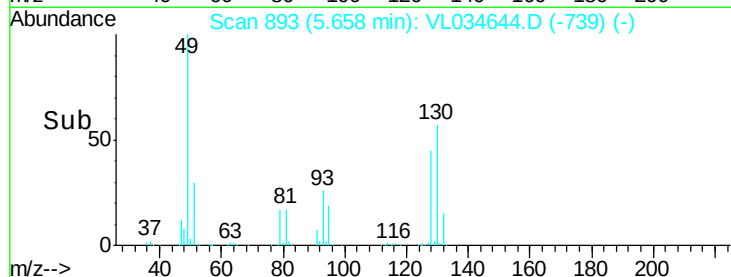
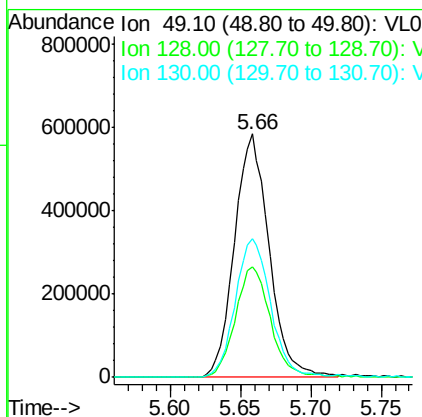
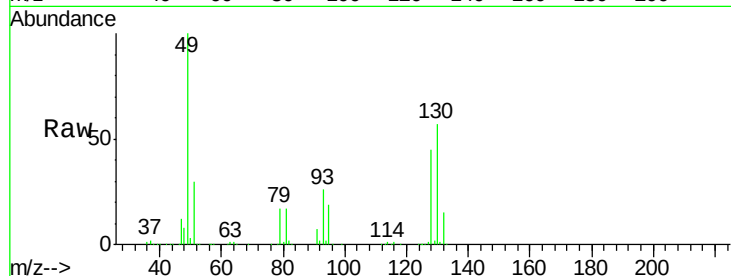
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL034644.D
Acq: 19 Feb 2020 4:12

Instrument :
MSVOA_L
ClientSampled :
L-IADL

Tot Ion: 49 Resp: 1007701
Ion Ratio Lower Upper
49 100
128 46.8 22.7 68.1
130 58.7 28.6 85.8

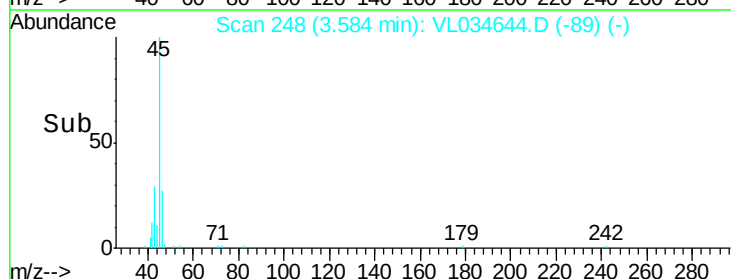
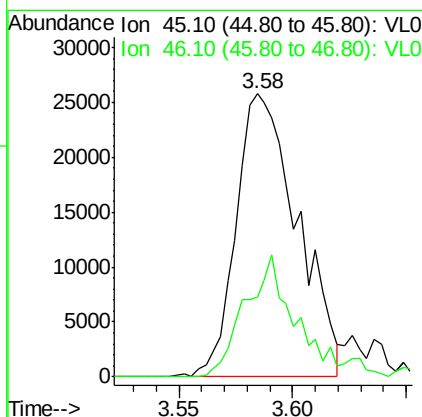
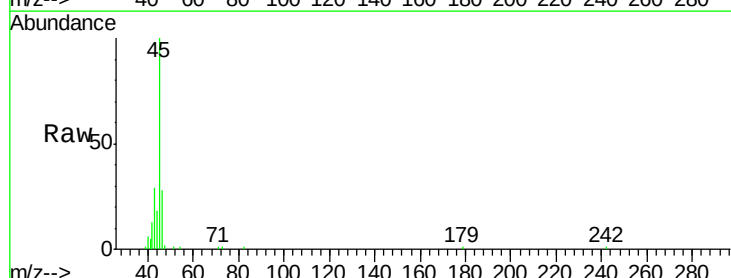
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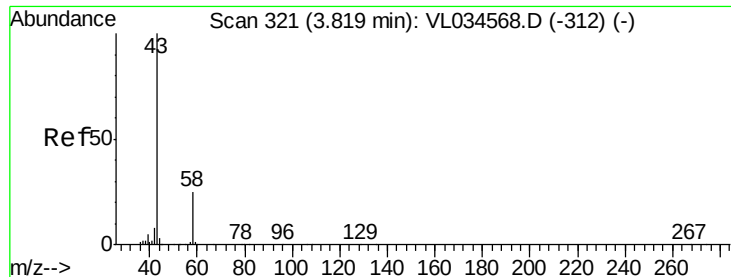
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#13
Ethanol
Concen: 3.800 ppbv m
RT: 3.58 min Scan# 248
Delta R.T. 0.01 min
Lab File: VL034644.D
Acq: 19 Feb 2020 4:12

Tgt Ion: 45 Resp: 48257
Ion Ratio Lower Upper
45 100
46 38.3 14.8 59.2





#15

Acetone

Concen: 6.674 ppbv

RT: 3.82 min Scan# 322

Delta R.T. 0.00 min

Lab File: VL034644.D

Acq: 19 Feb 2020 4:12

Instrument :

MSVOA_L

ClientSampleId :

L-IADL

Tot Ion: 43 Resp: 988414

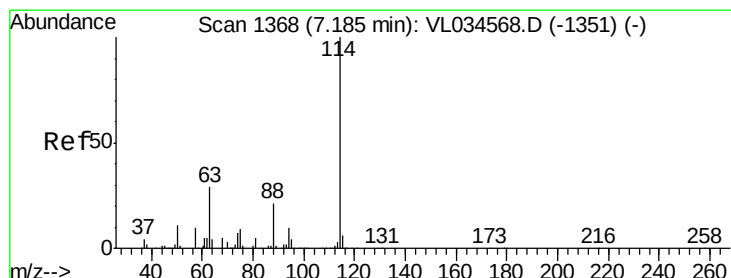
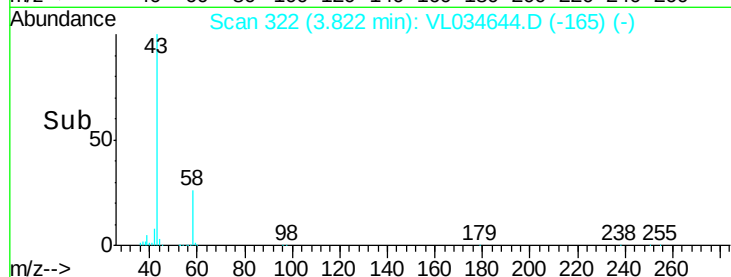
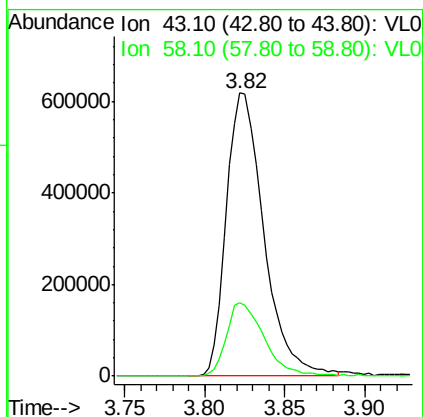
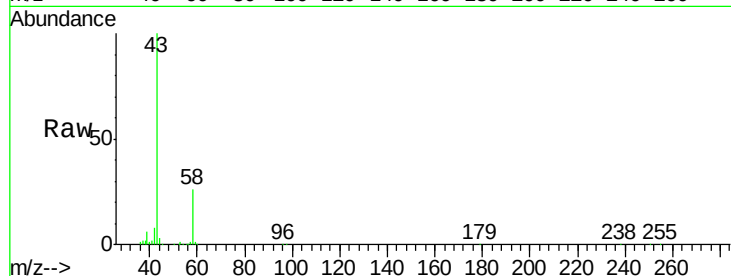
Ion Ratio Lower Upper

43 100

58 26.4 20.3 30.5

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VL034644.D

Acq: 19 Feb 2020 4:12

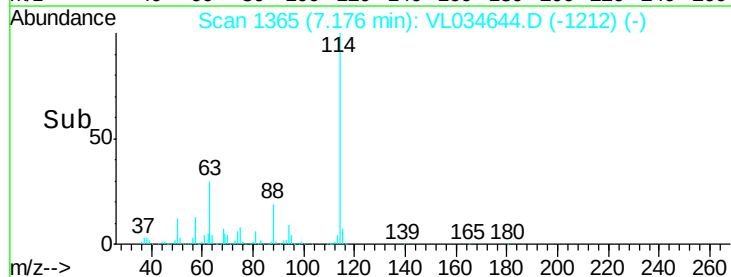
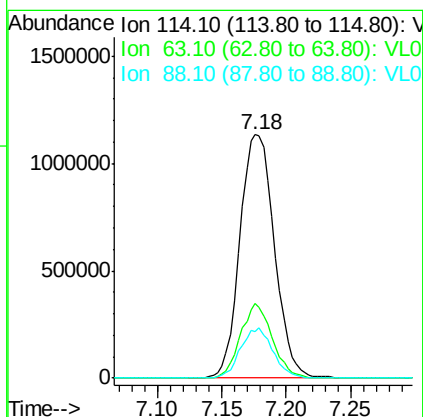
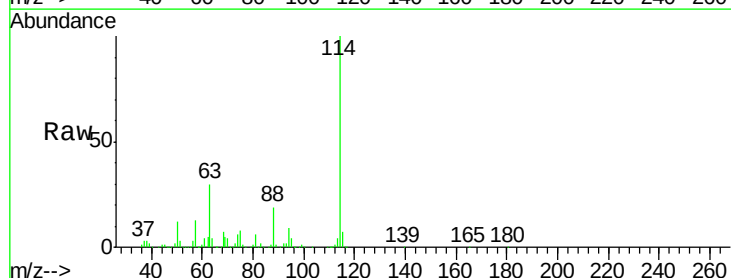
Tgt Ion: 114 Resp: 2114445

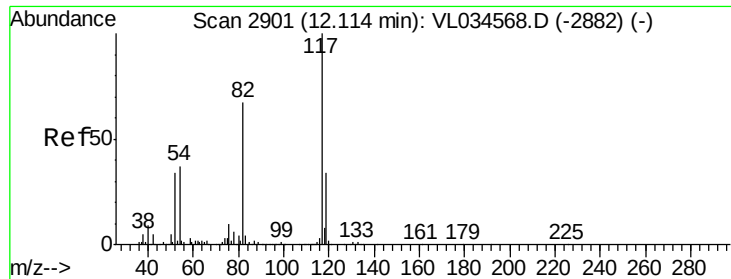
Ion Ratio Lower Upper

114 100

63 28.4 24.1 36.1

88 19.3 15.9 23.9





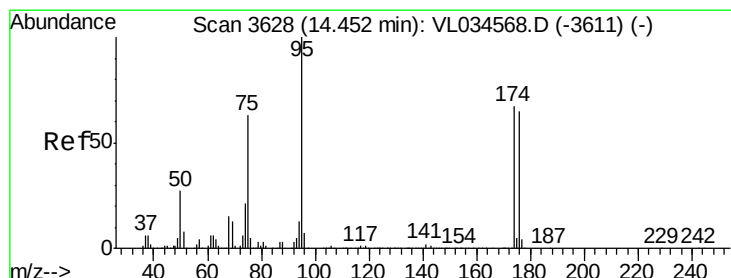
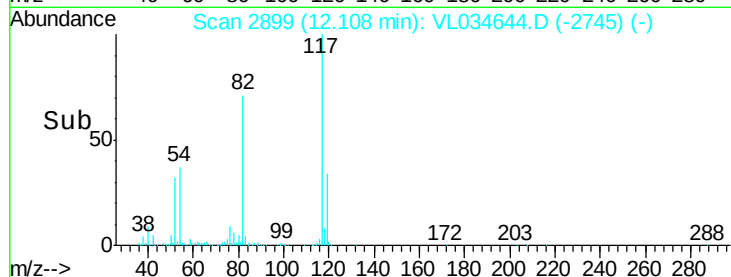
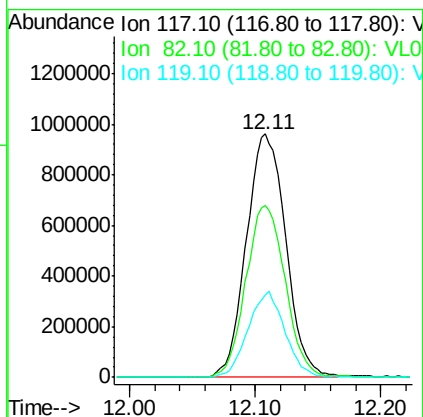
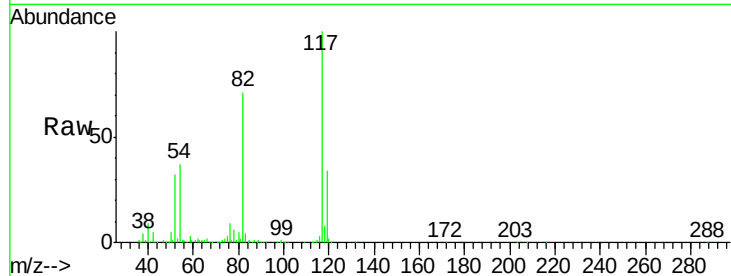
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL034644.D
Acq: 19 Feb 2020 4:12

Instrument :
MSVOA_L
ClientSampleId :
L-IADL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.6	54.2	81.4
119	33.3	26.1	39.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.867 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.01 min
Lab File: VL034644.D
Acq: 19 Feb 2020 4:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.1	52.3	78.5
175	4.8	3.8	5.6

