

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041019\
 Data File : VL033564.D
 Acq On : 10 Apr 2019 14:35
 Operator : SY/AP
 Sample : VL0410ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0410ABL01

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 1:01:00 PM

Quant Time: Apr 11 03:53:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 2
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1013126	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2502132	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2584459	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	2103392	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%
Target Compounds						
15) Acetone	3.91	43	47639	0.391	ppbv	91
20) Methylene Chloride	4.41	84	19275m	0.373	ppbv	

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

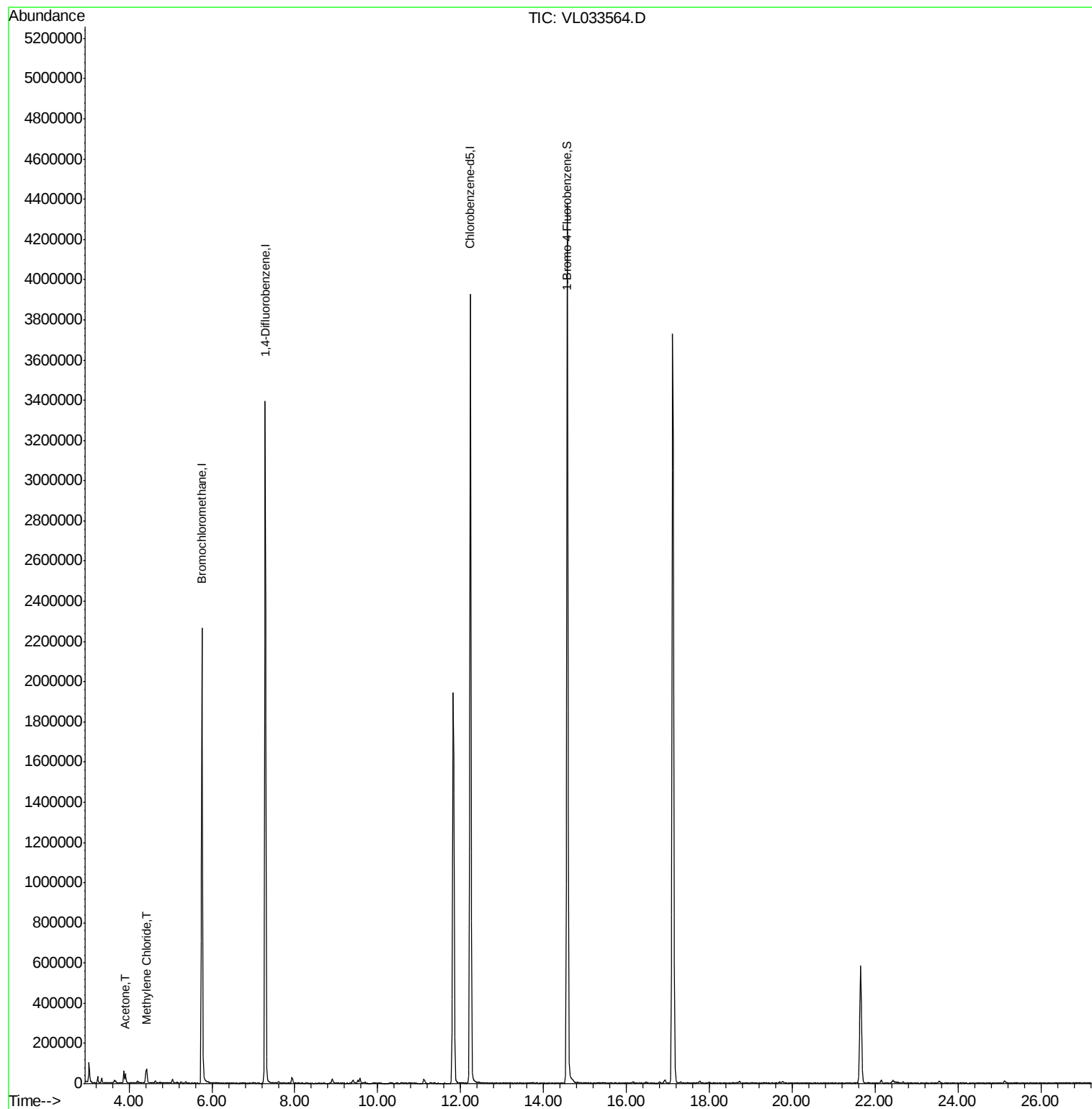
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041019\
Data File : VL033564.D
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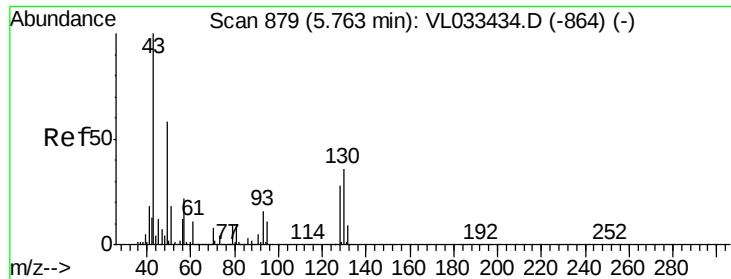
Instrument :
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ClientSampleId :
VL0410ABL01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
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QLast Update : Tue Mar 26 16:00:50 2019
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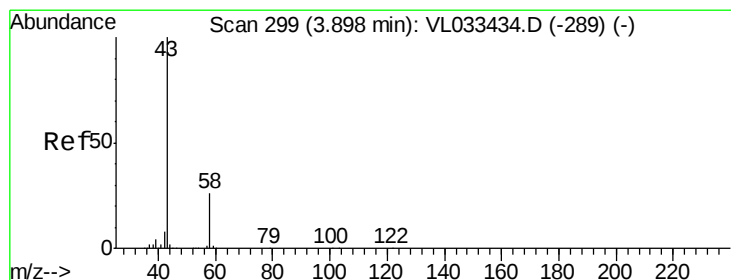
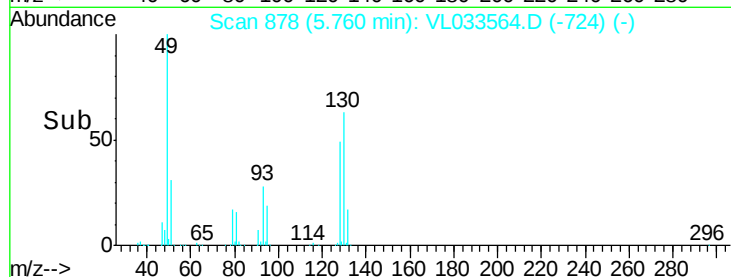
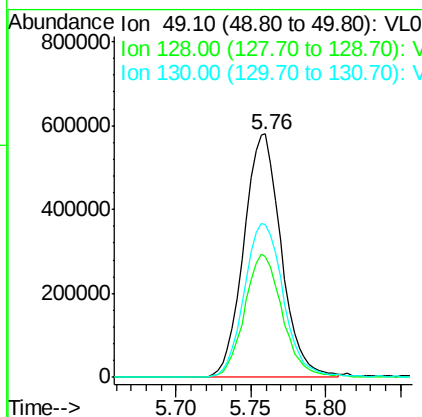
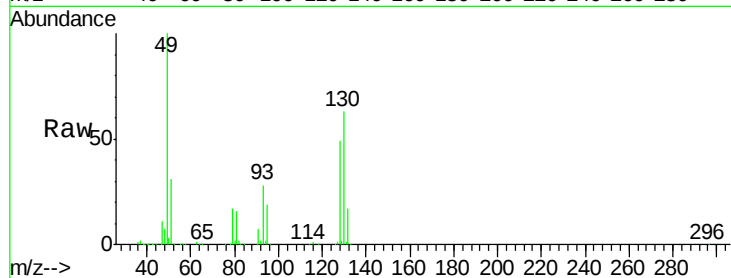
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033564.D
Acq: 10 Apr 2019 14:35

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Tot Ion: 49 Resp: 1013126
Ion Ratio Lower Upper
49 100
128 51.3 24.0 72.0
130 66.7 31.2 93.6

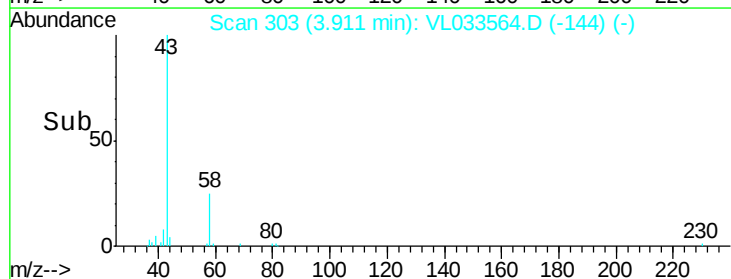
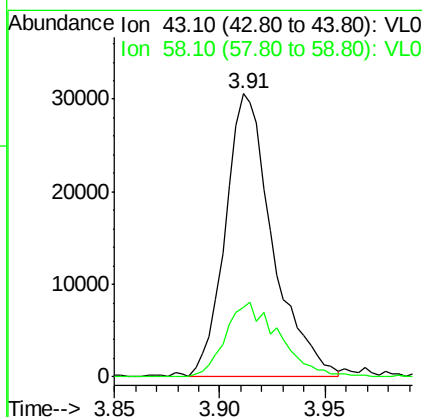
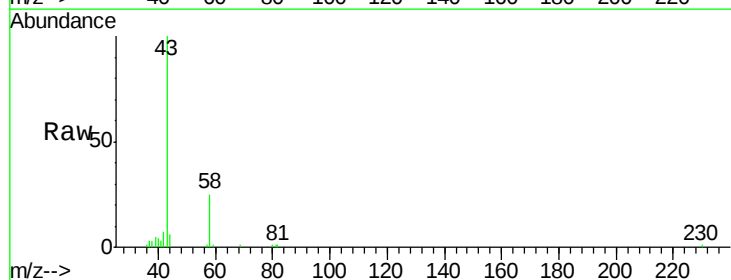
Manual Integrations
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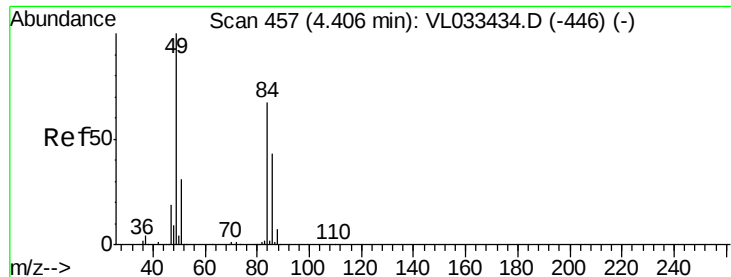
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#15
Acetone
Concen: 0.391 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.01 min
Lab File: VL033564.D
Acq: 10 Apr 2019 14:35

Tgt Ion: 43 Resp: 47639
Ion Ratio Lower Upper
43 100
58 30.0 20.5 30.7





#20

Methylene Chloride

Concen: 0.373 ppbv m

RT: 4.41 min Scan# 459

Delta R.T. 0.01 min

Lab File: VL033564.D

Acq: 10 Apr 2019 14:35

Instrument :

MSVOA_L

ClientSampleID :

VL0410ABL01

Tot Ion: 84 Resp: 19275

Ion Ratio Lower Upper

84 100

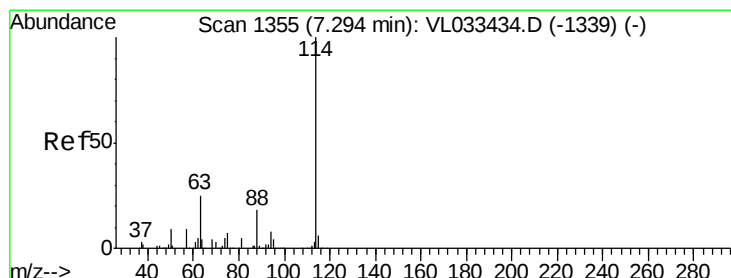
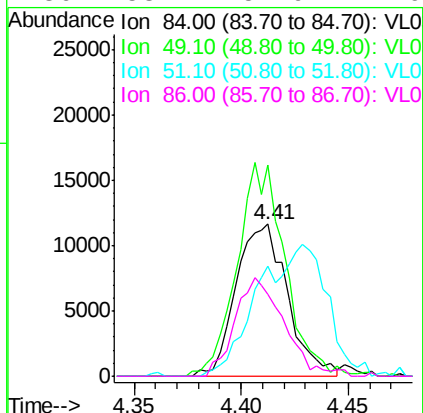
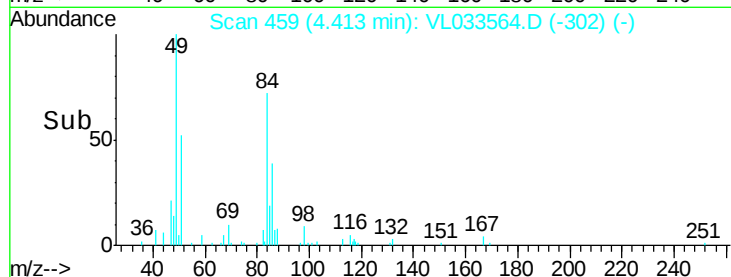
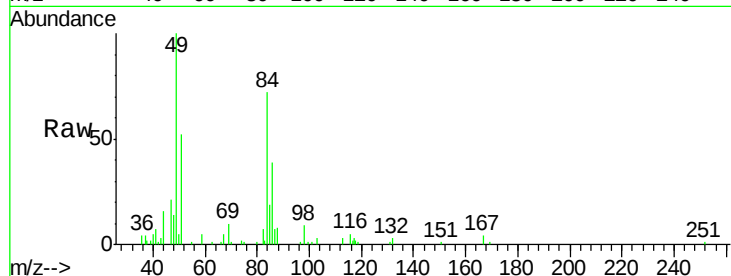
49 139.2 120.0 180.0

51 72.6 36.7 55.1#

86 53.7 51.9 77.9

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1353

Delta R.T. -0.01 min

Lab File: VL033564.D

Acq: 10 Apr 2019 14:35

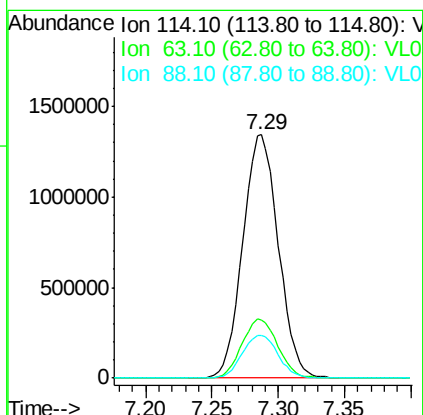
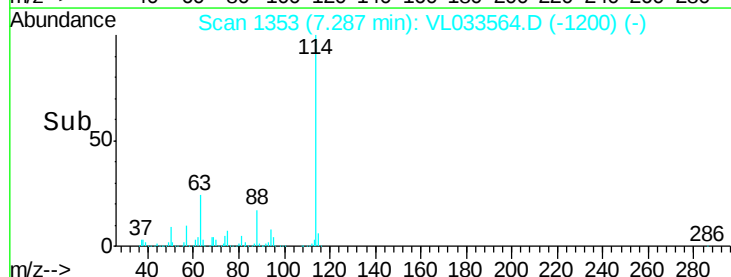
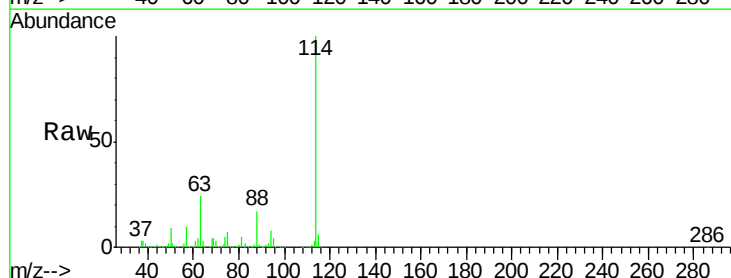
Tgt Ion: 114 Resp: 2502132

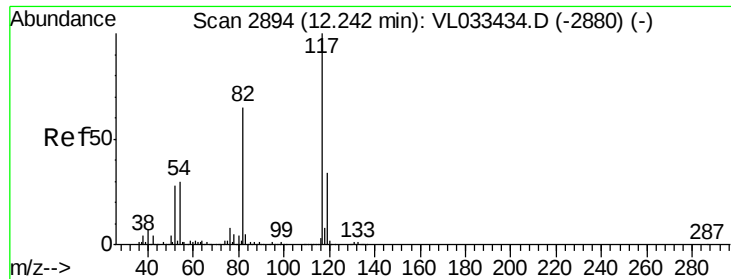
Ion Ratio Lower Upper

114 100

63 24.6 21.5 32.3

88 17.8 14.5 21.7





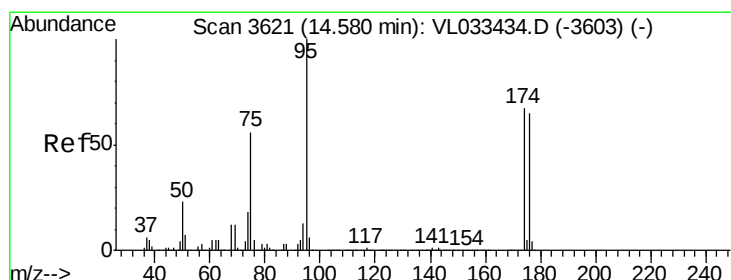
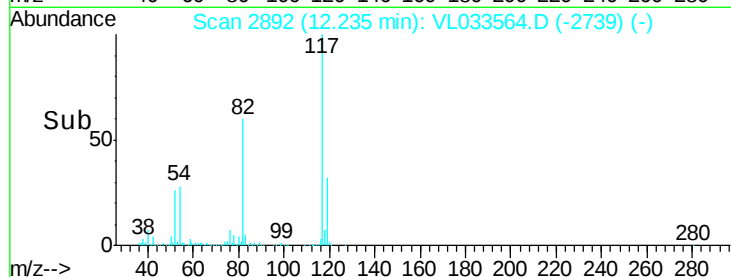
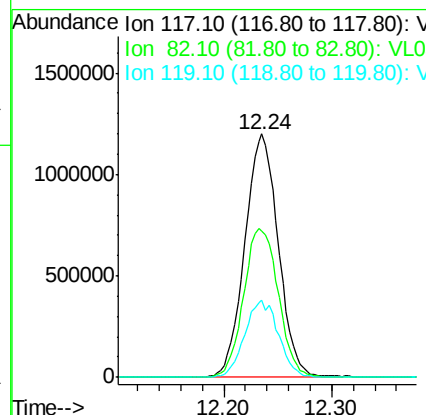
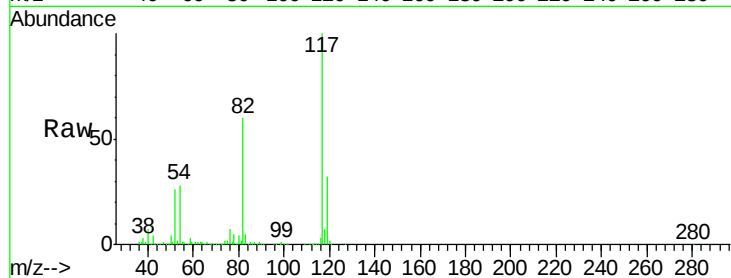
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033564.D
Acq: 10 Apr 2019 14:35

Instrument :
MSVOA_L
ClientSampleId :
VL0410ABL01

Tot Ion:117 Resp: 2584459
Ion Ratio Lower Upper
117 100
82 64.0 51.5 77.3
119 32.3 25.5 38.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.381 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033564.D
Acq: 10 Apr 2019 14:35

Tgt Ion: 95 Resp: 2103392
Ion Ratio Lower Upper
95 100
174 69.5 52.9 79.3
175 5.2 3.8 5.6

