

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020420\
 Data File : VL034588.D
 Acq On : 4 Feb 2020 20:32
 Operator : SY/AP
 Sample : L1357-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Manual Integrations
 APPROVED

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 2/5/2020 2:50:44 PM

Quant Time: Feb 05 06:54:10 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 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	5.67	49	969094	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1974335	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2032366	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1739951	10.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	12191m	0.998	ppbv	
15) Acetone	3.84	43	52280	0.367	ppbv	92

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

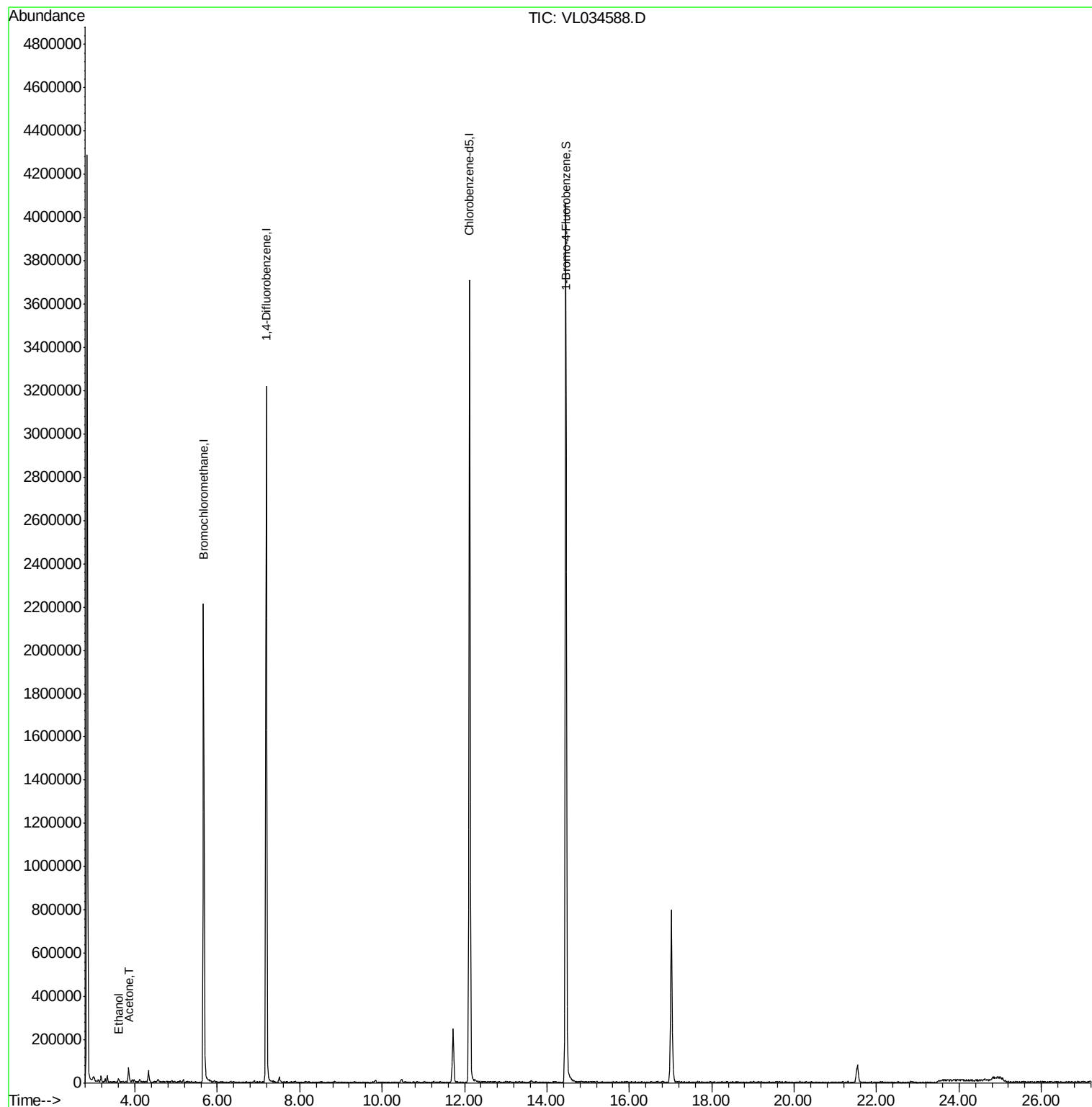
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL020420\
Data File : VL034588.D
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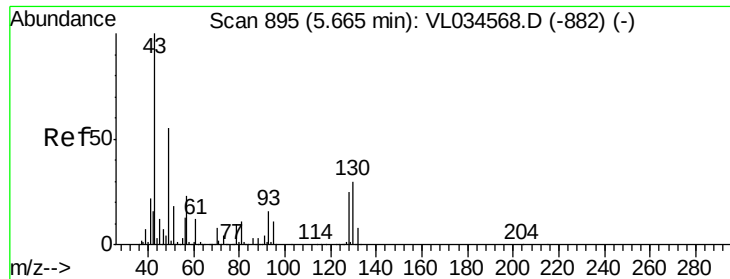
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Manual Integrations
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Quant Time: Feb 05 06:54:10 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: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL034588.D

Acq: 4 Feb 2020 20:32

Instrument :

MSVOA_L

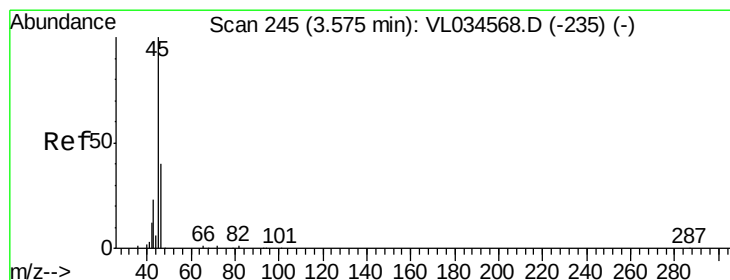
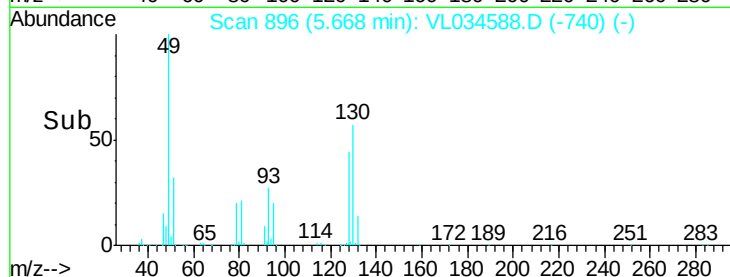
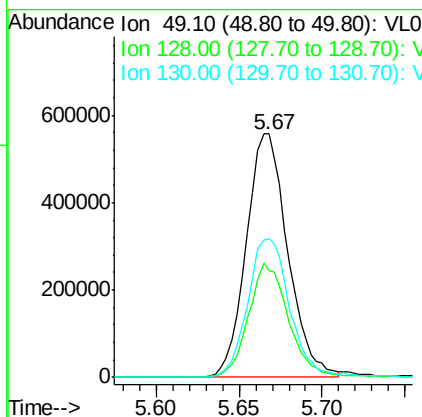
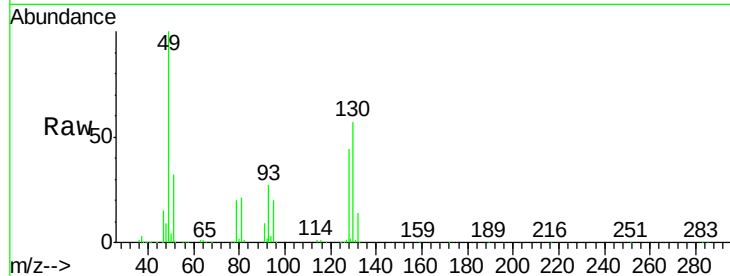
ClientSampleId :

AA-1DL

Tot Ion:	49	Resp:	969094
Ion	Ratio	Lower	Upper
49	100		
128	45.7	22.7	68.1
130	58.2	28.6	85.8

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#13

Ethanol

Concen: 0.998 ppbv m

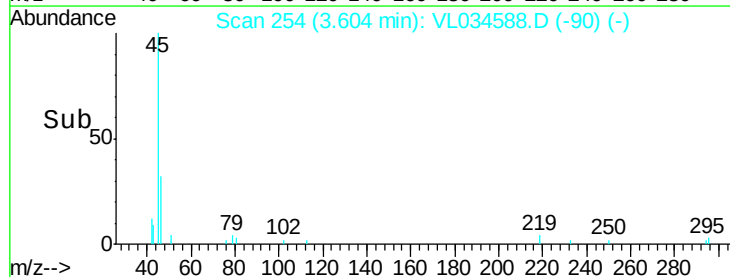
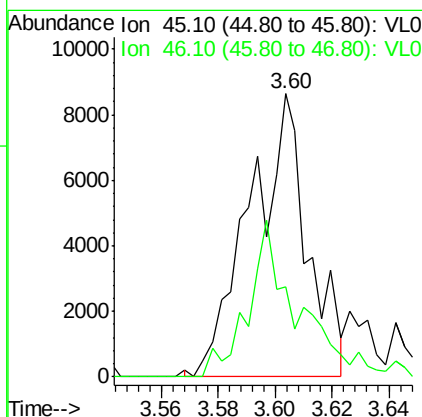
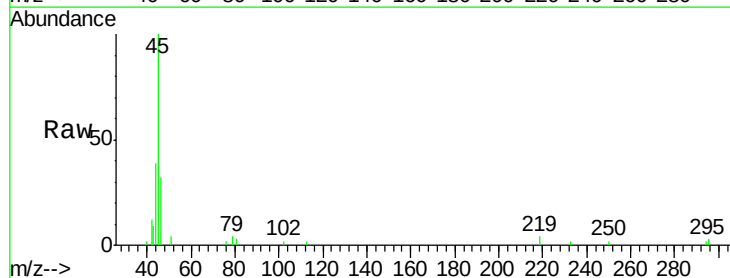
RT: 3.60 min Scan# 254

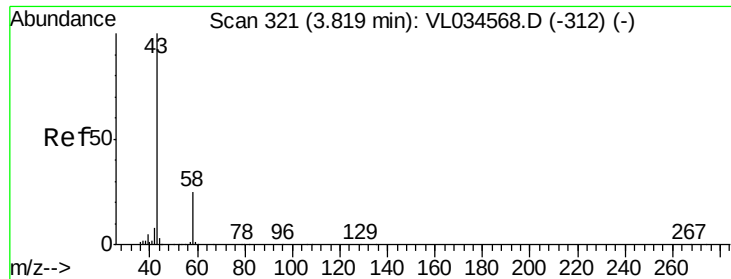
Delta R.T. 0.03 min

Lab File: VL034588.D

Acq: 4 Feb 2020 20:32

Tgt Ion:	45	Resp:	12191
Ion	Ratio	Lower	Upper
45	100		
46	48.1	14.8	59.2





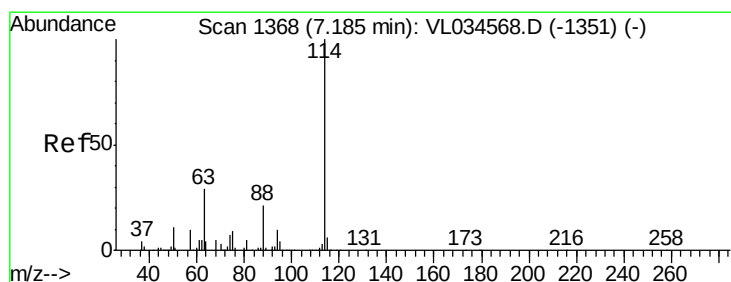
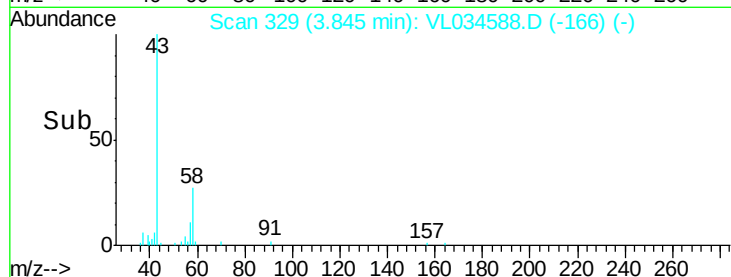
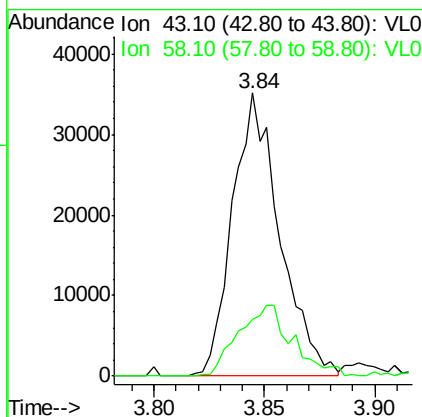
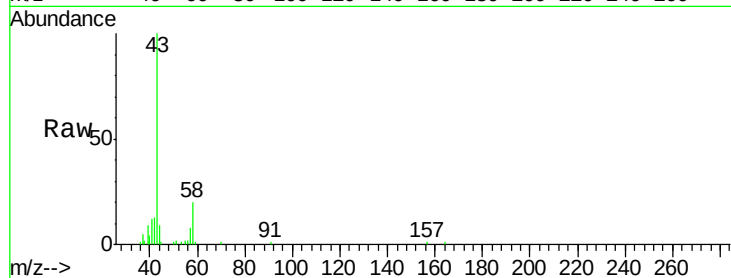
#15
Acetone
Concen: 0.367 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.03 min
Lab File: VL034588.D
Acq: 4 Feb 2020 20:32

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tot Ion	43	Resp	52280
Ion Ratio	100	Lower	Upper
43	100		
58	29.5	20.3	30.5

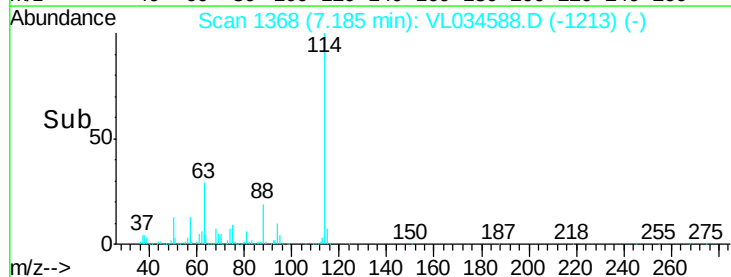
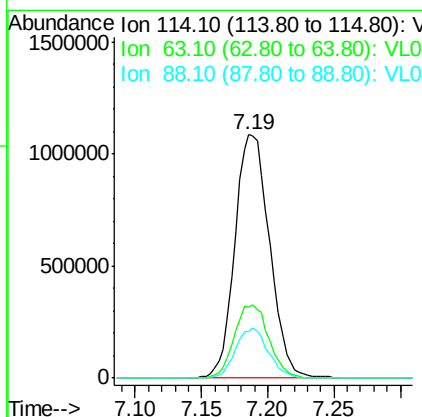
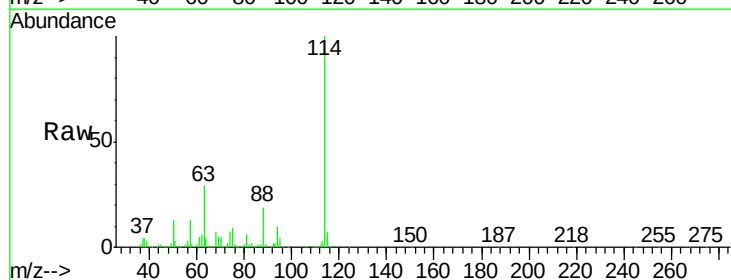
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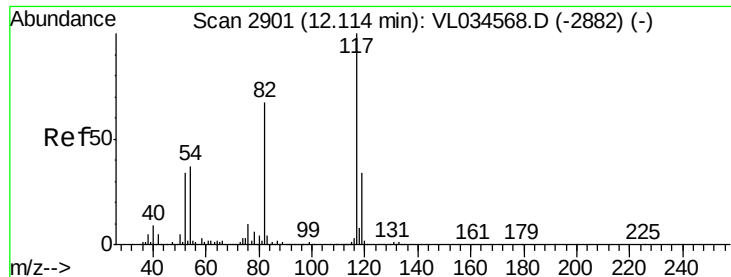
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL034588.D
Acq: 4 Feb 2020 20:32

Tgt Ion	114	Resp	1974335
Ion Ratio	100	Lower	Upper
114	100		
63	30.2	24.1	36.1
88	19.6	15.9	23.9





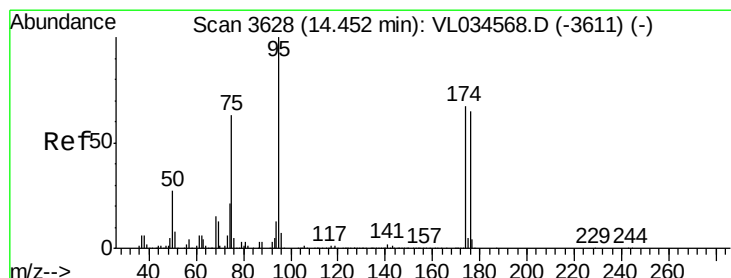
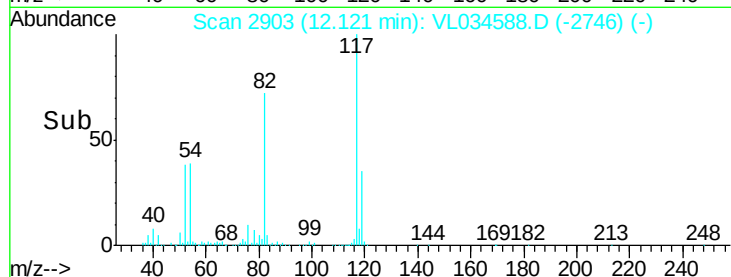
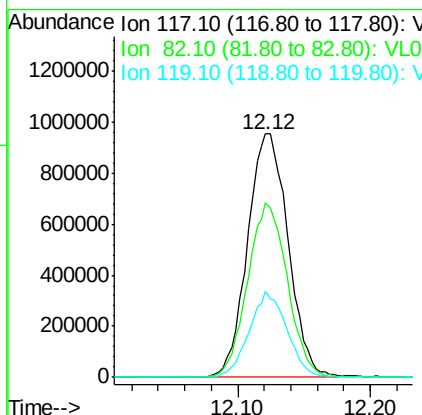
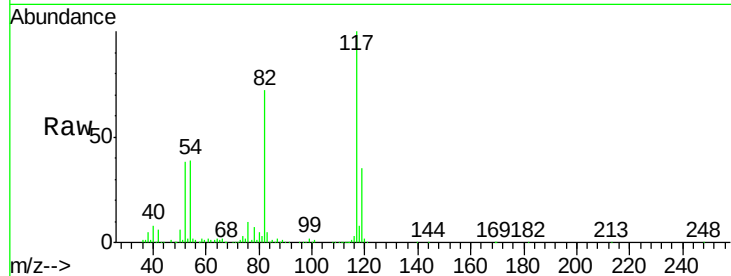
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL034588.D
Acq: 4 Feb 2020 20:32

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	70.8	54.2	81.4
119	33.1	26.1	39.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.130 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.01 min
Lab File: VL034588.D
Acq: 4 Feb 2020 20:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.7	52.3	78.5
175	4.3	3.8	5.6

