

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030620\
 Data File : VL034820.D
 Acq On : 6 Mar 2020 17:55
 Operator : SY/AP
 Sample : VL0306ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0306ABL01

Manual Integrations
 APPROVED

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 3/9/2020 9:20:27 AM

Quant Time: Mar 07 04:24:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	873375	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	1991922	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.12	117	1945585	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1530790	9.44	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.40%
Target Compounds						
15) Acetone	3.85	43	18629m	0.178	ppbv	Ovalue
20) Methylene Chloride	4.32	84	5227	0.140	ppbv	# 86

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

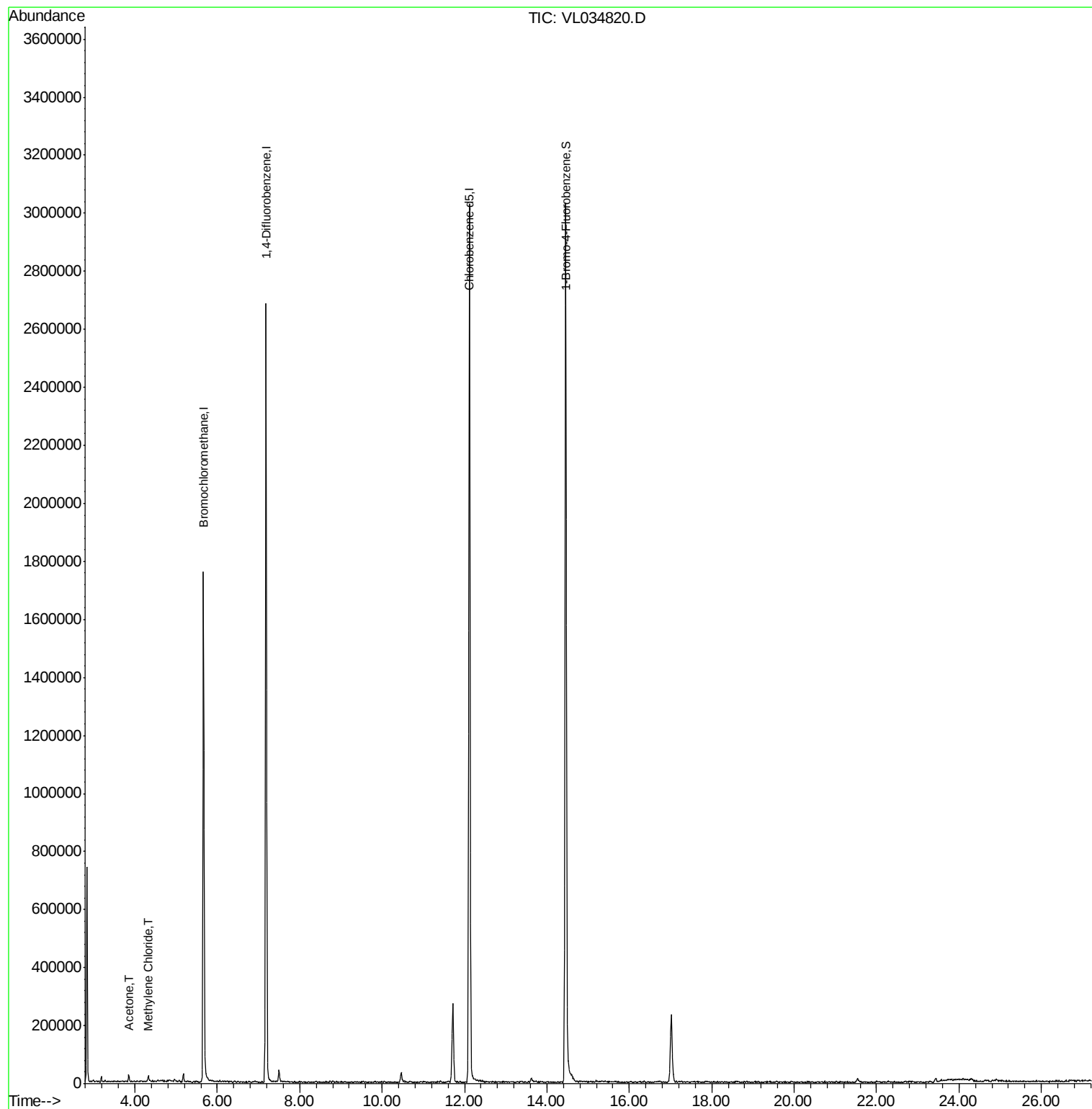
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030620\
Data File : VL034820.D
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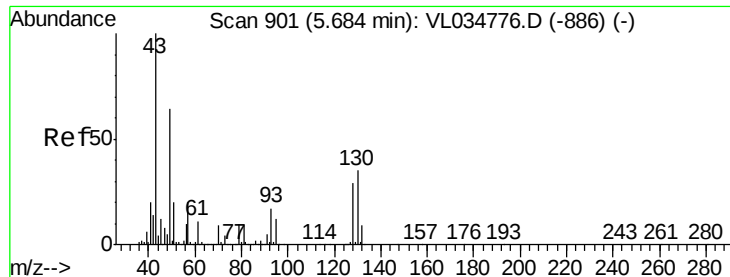
Instrument :
MSVOA_L
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QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration





#1

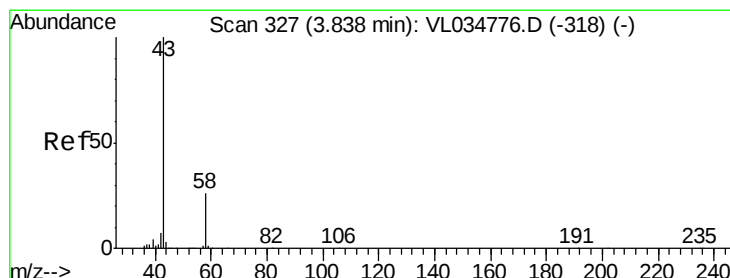
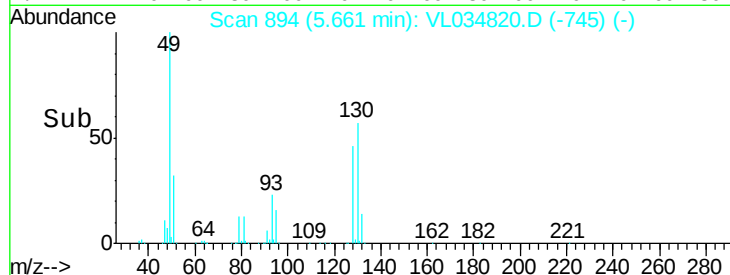
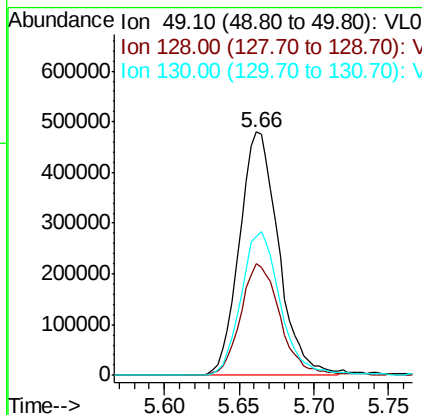
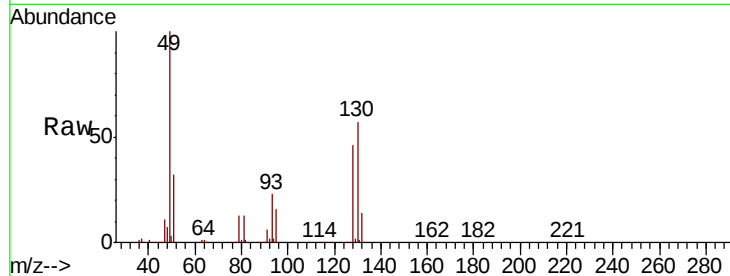
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: VL034820.D
 Acq: 6 Mar 2020 17:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0306ABL01

Tot Ion	Ratio	Lower	Upper
49	100		
128	46.9	21.6	64.6
130	59.6	27.4	82.2

Manual Integrations
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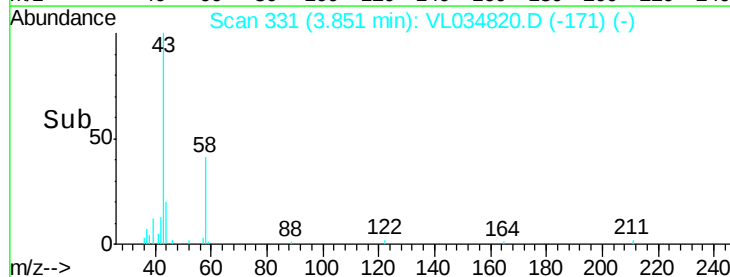
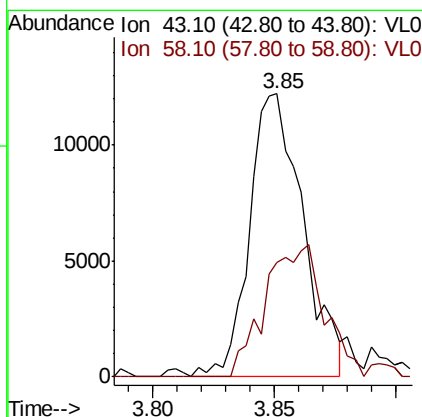
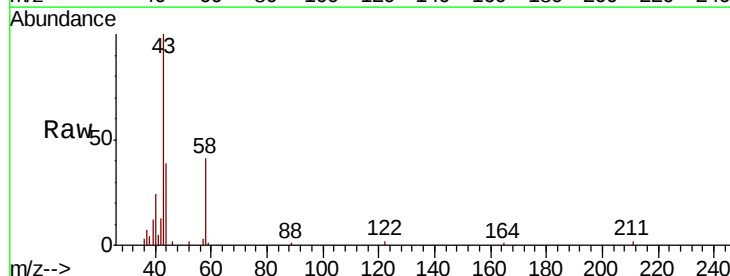
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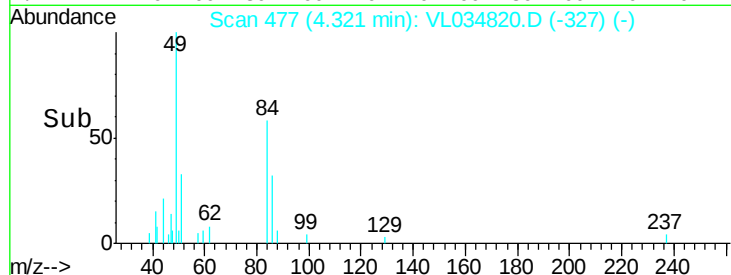
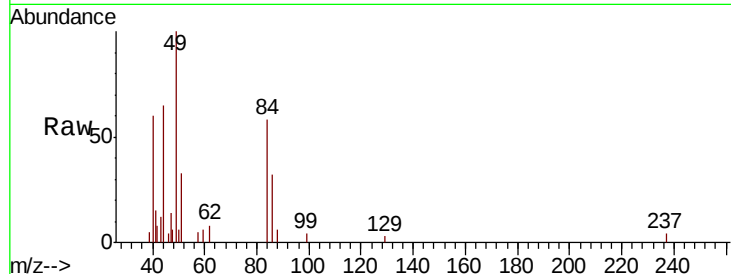
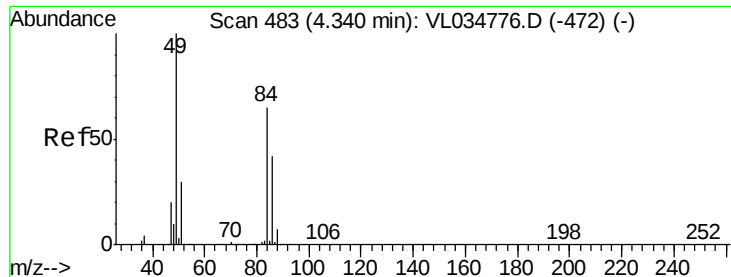


#15

Acetone
 Concen: 0.178 ppbv m
 RT: 3.85 min Scan# 331
 Delta R.T. 0.01 min
 Lab File: VL034820.D
 Acq: 6 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.0	31.6#





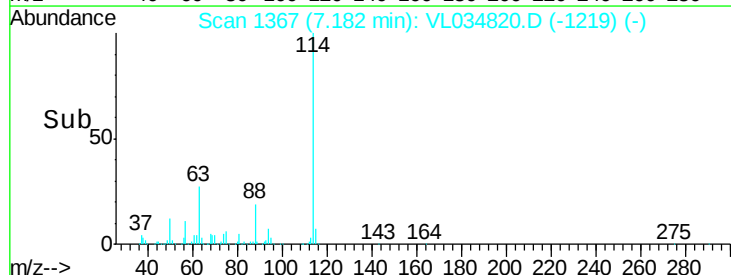
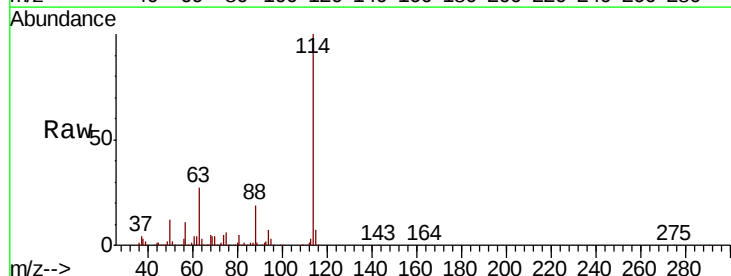
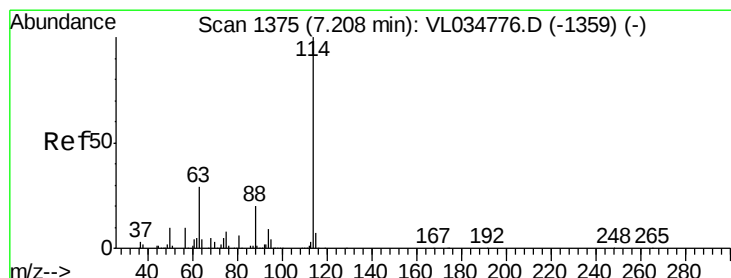
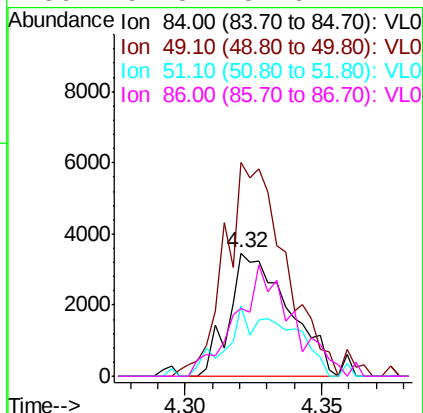
#20
Methvlene Chloride
Concen: 0.140 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL034820.D
Acq: 6 Mar 2020 17:55

Tot Ion:	84	Resp:	5227
Ion	Ratio	Lower	Upper
84	100		
49	173.1	123.2	184.8
51	56.9	37.4	56.2#
86	54.8	51.6	77.4

Instrument :
MSVOA_L
ClientSampleId :
VL0306ABL01

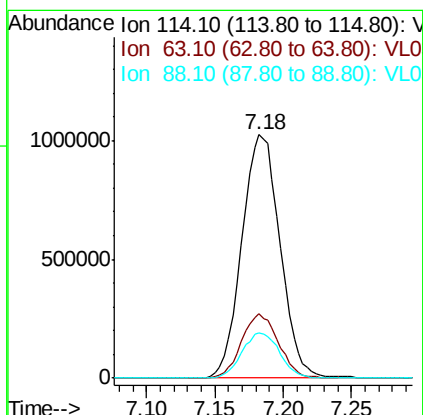
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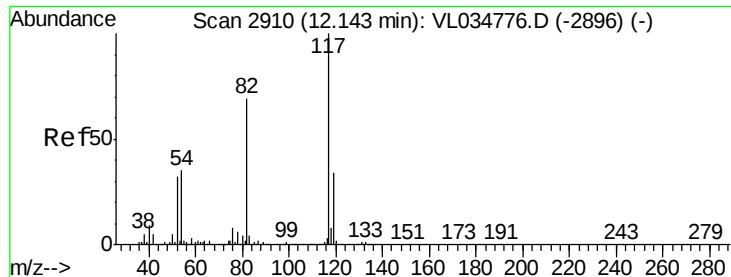
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.03 min
Lab File: VL034820.D
Acq: 6 Mar 2020 17:55

Tgt Ion:	114	Resp:	1991922
Ion	Ratio	Lower	Upper
114	100		
63	25.8	23.6	35.4
88	18.5	15.8	23.8





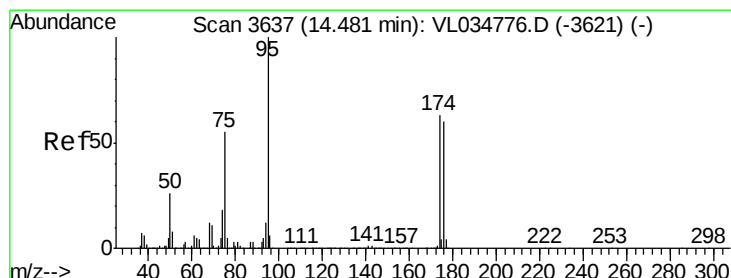
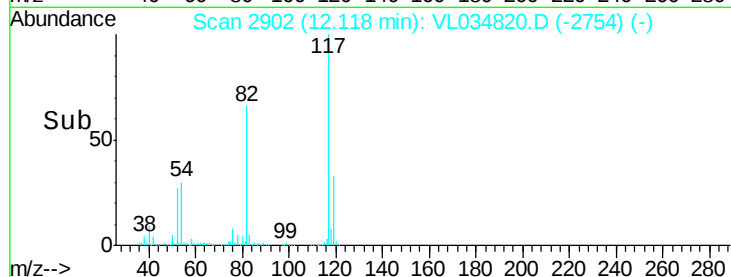
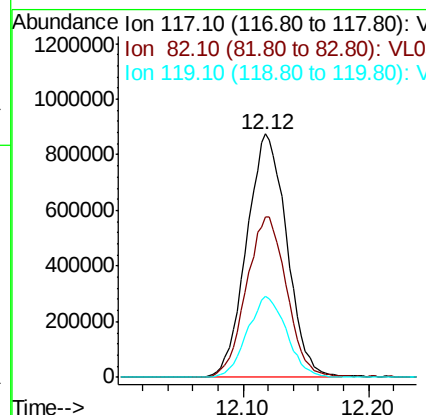
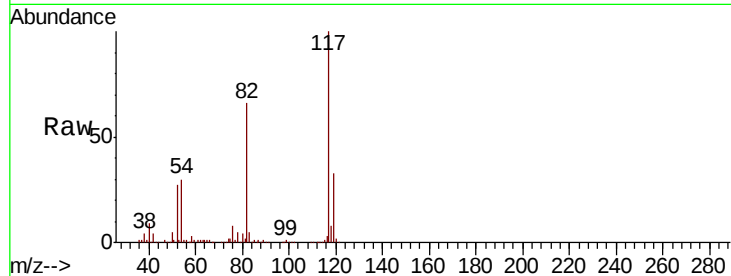
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL034820.D
Acq: 6 Mar 2020 17:55

Instrument :
MSVOA_L
ClientSampleId :
VL0306ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.8	53.9	80.9
119	32.6	25.0	37.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.436 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL034820.D
Acq: 6 Mar 2020 17:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.6	50.6	76.0
175	5.7	3.8	5.6#

