

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010220\
 Data File : VL034544.D
 Acq On : 2 Jan 2020 12:44
 Operator : SY/AP
 Sample : VL0102ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0102ABL01

Manual Integrations
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 1/3/2020 11:37:45 AM

Quant Time: Jan 03 05:31:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 3
 QLast Update : Mon Dec 30 14:58:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	907602	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1814872	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1784195	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1482032	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%
Target Compounds						
15) Acetone	3.85	43	30016	0.227	ppbv	Ovalue # 68
20) Methylene Chloride	4.34	84	10028m	0.192	ppbv	

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

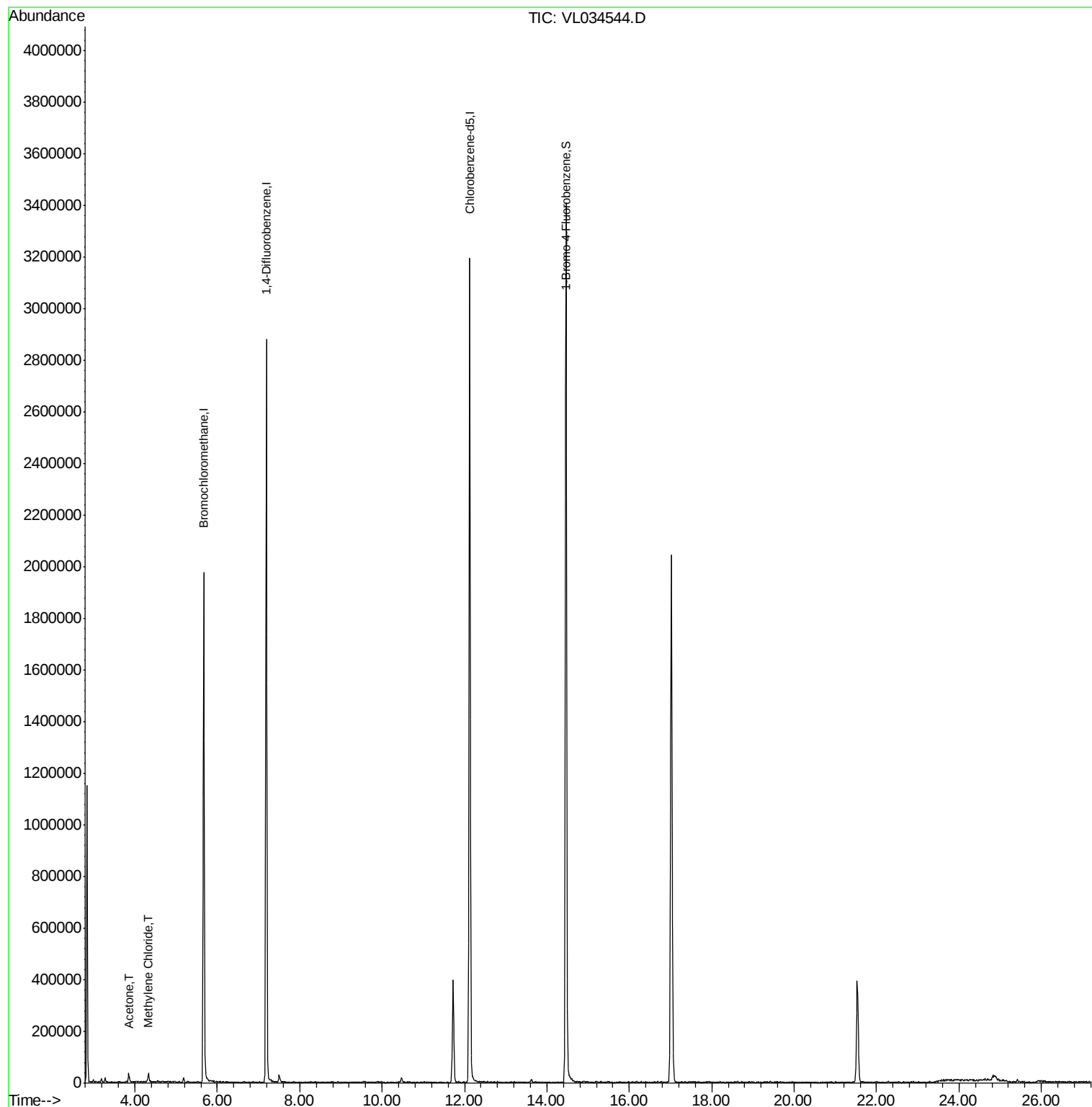
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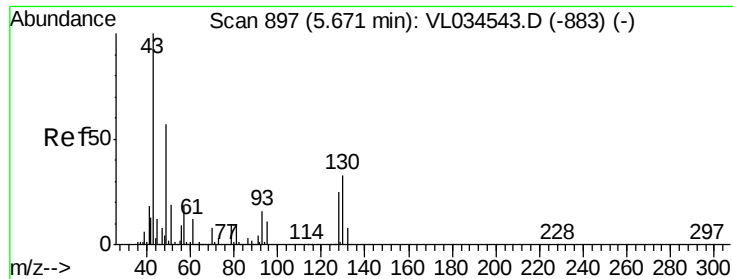
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
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QLast Update : Mon Dec 30 14:58:50 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL034544.D

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Instrument :

MSVOA_L

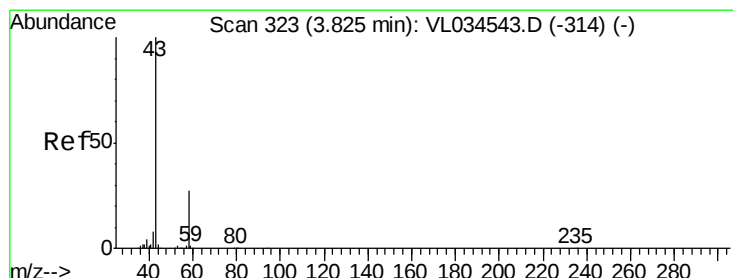
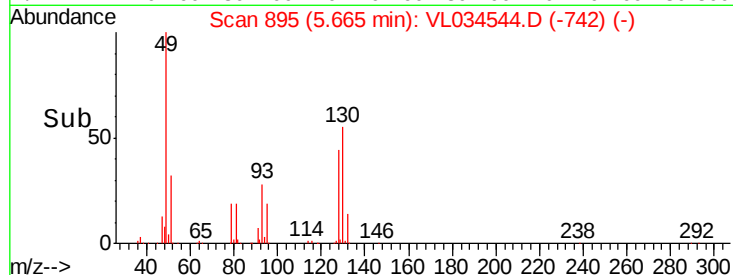
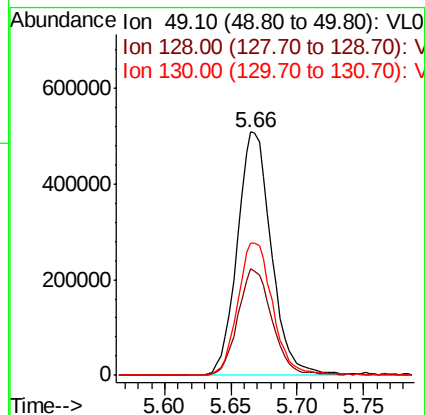
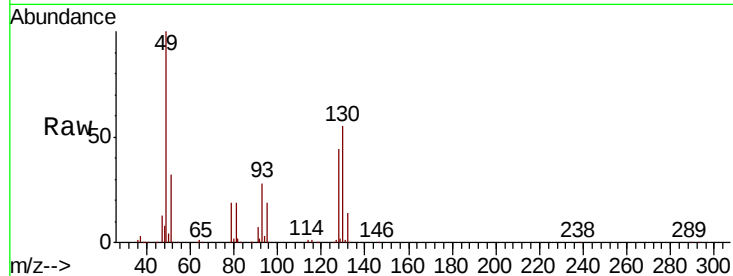
ClientSampleId :

VL0102ABL01

Tot Ion:	49	Resp:	907602
Ion	Ratio	Lower	Upper
49	100		
128	44.2	22.4	67.2
130	56.8	28.3	85.0

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#15

Acetone

Concen: 0.227 ppbv

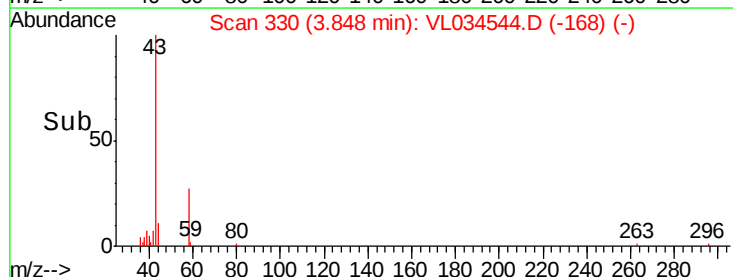
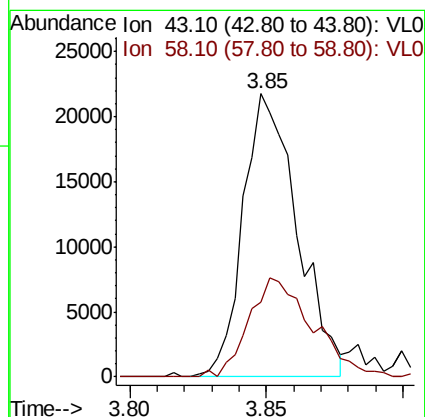
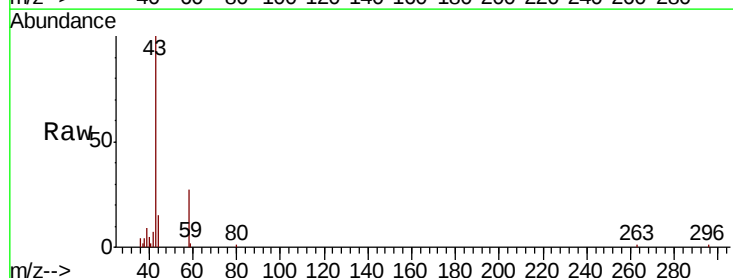
RT: 3.85 min Scan# 330

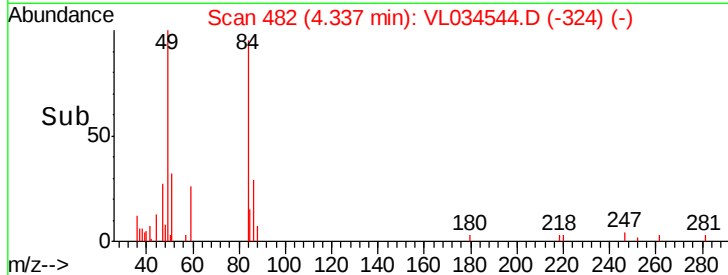
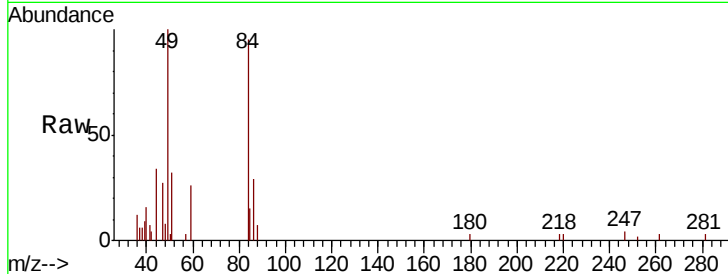
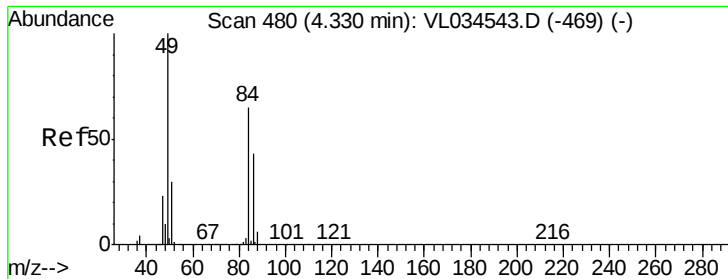
Delta R.T. 0.02 min

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Tgt Ion:	43	Resp:	30016
Ion	Ratio	Lower	Upper
43	100		
58	41.5	20.4	30.6#





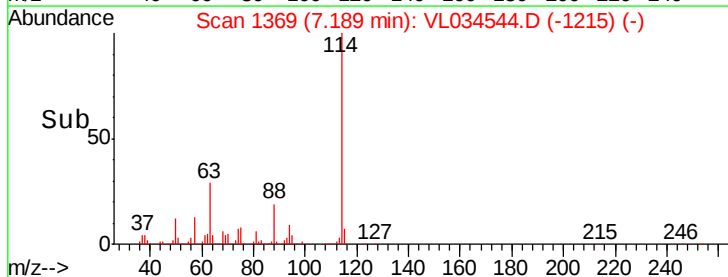
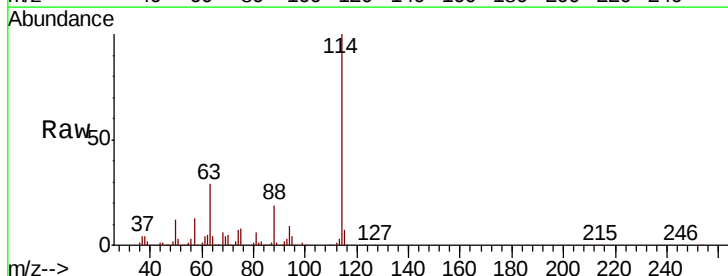
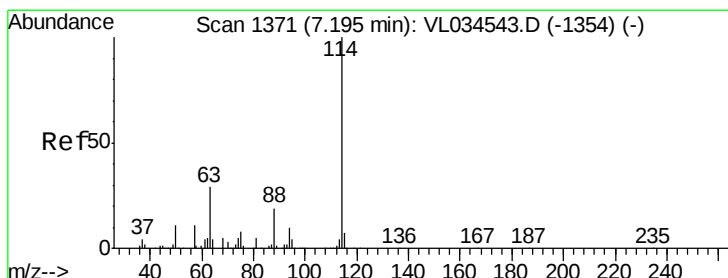
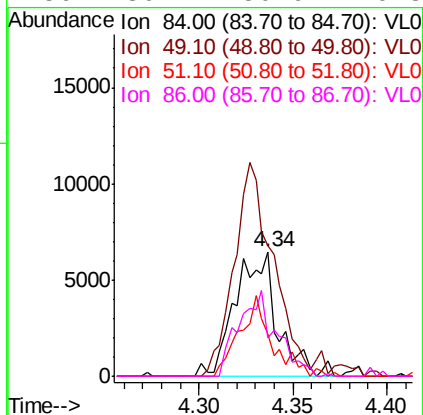
#20
Methvlene Chloride
Concen: 0.192 ppbv m
RT: 4.34 min Scan# 482
Delta R.T. 0.01 min
Lab File: VL034544.D
Acq: 2 Jan 2020 12:44

Tot Ion	Ratio	Lower	Upper
84	100		
49	105.4	124.4	186.6#
51	34.2	37.0	55.6#
86	30.7	50.9	76.3#

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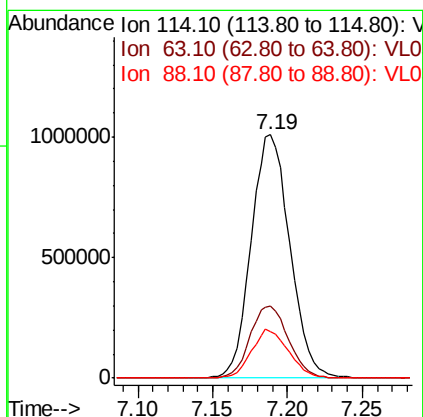
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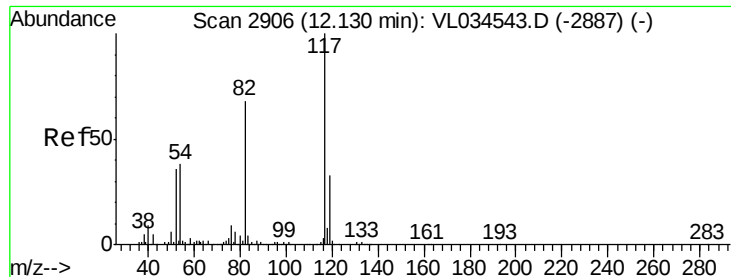
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VL034544.D
Acq: 2 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.7	24.1	36.1
88	19.1	15.7	23.5





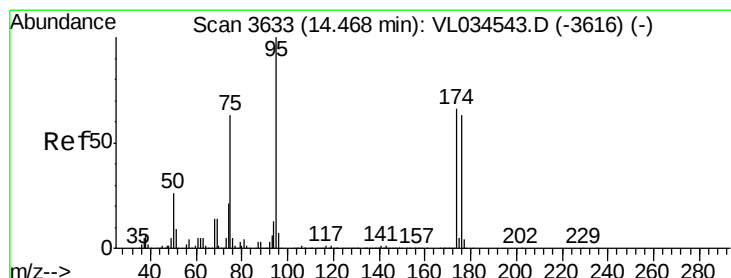
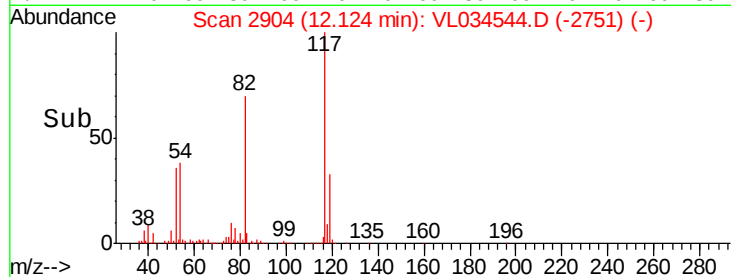
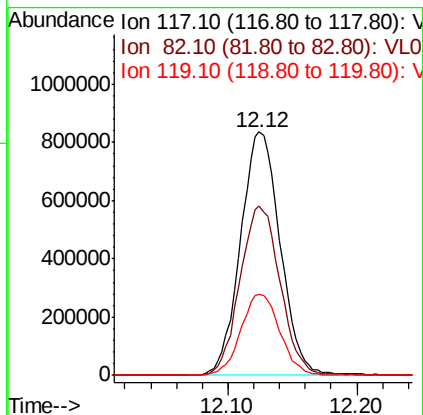
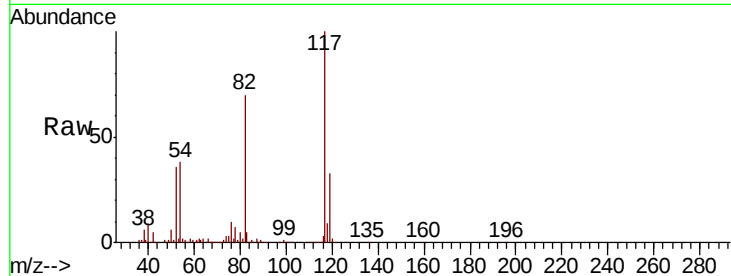
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL034544.D
Acq: 2 Jan 2020 12:44

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	71.2	56.2	84.4
119	33.3	27.1	40.7

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.954 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. -0.01 min
Lab File: VL034544.D
Acq: 2 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.7	52.4	78.6
175	4.5	3.9	5.9

