

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031620\
 Data File : VL034886.D
 Acq On : 16 Mar 2020 12:01
 Operator : SY/AP
 Sample : VL0316ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0316ABL01

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 12:15:38 PM

Quant Time: Mar 17 04:43:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	923220	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1976989	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	1977427	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1602953	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	30004m	0.251	ppbv	
20) Methylene Chloride	4.31	84	10011	0.265	ppbv #	84

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

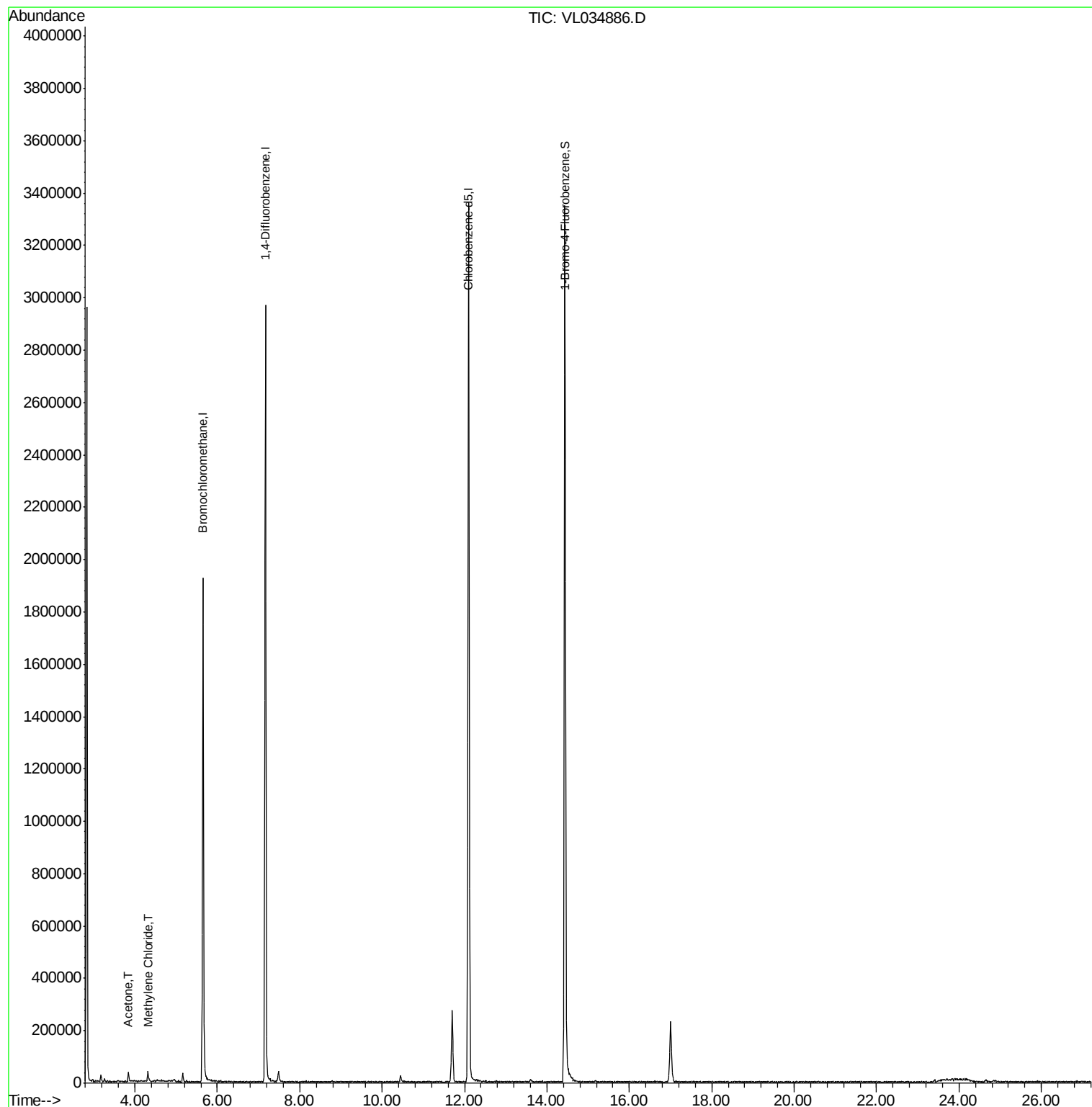
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Data File : VL034886.D
Acq On : 16 Mar 2020 12:01
Operator : SY/AP
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Misc : 400ml/MSVOA L
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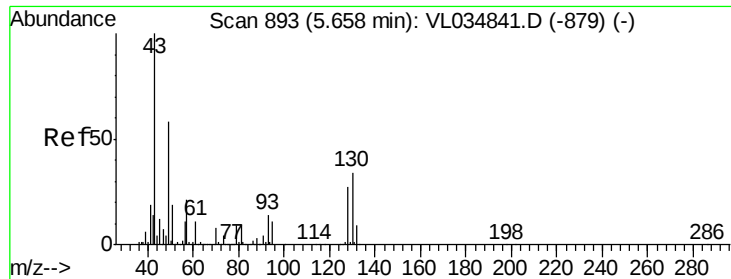
Instrument :
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VL0316ABL01

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Quant Time: Mar 17 04:43:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL034886.D

Acq: 16 Mar 2020 12:01

Instrument :

MSVOA_L

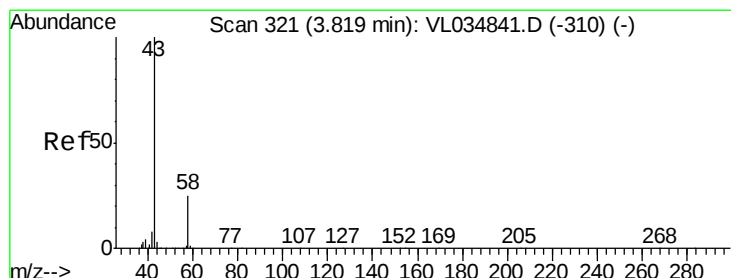
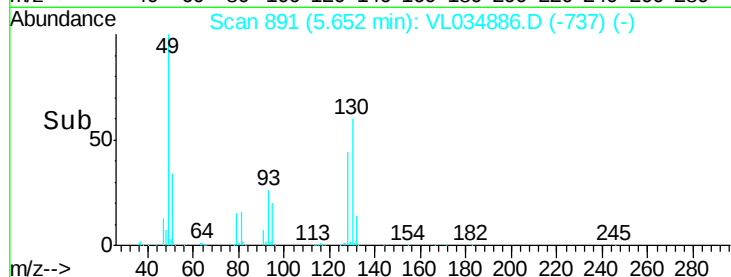
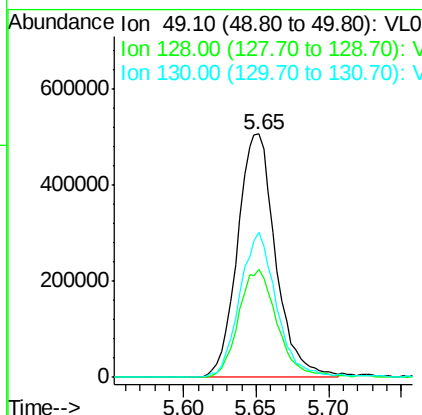
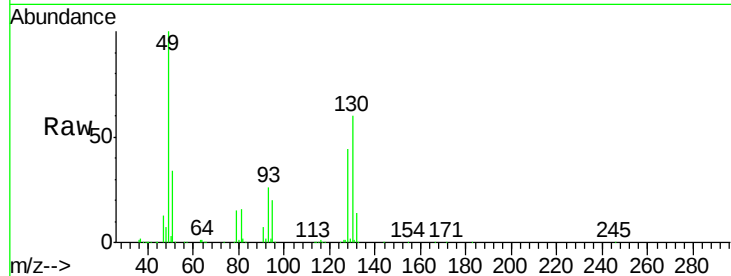
ClientSampleId :

VL0316ABL01

Tot Ion:	49	Resp:	923220
Ion	Ratio	Lower	Upper
49	100		
128	45.8	23.4	70.3
130	57.9	30.0	90.0

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#15

Acetone

Concen: 0.251 ppbv m

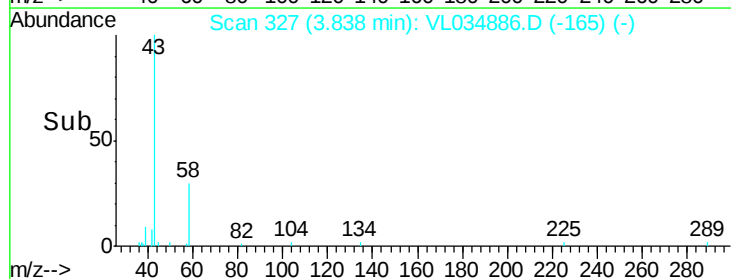
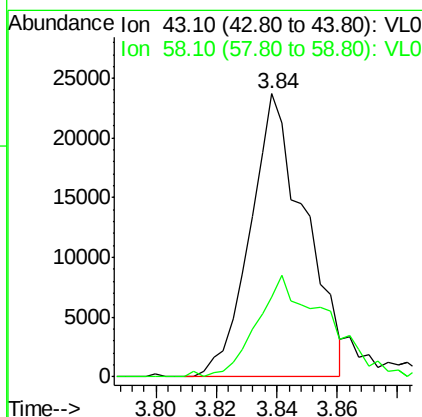
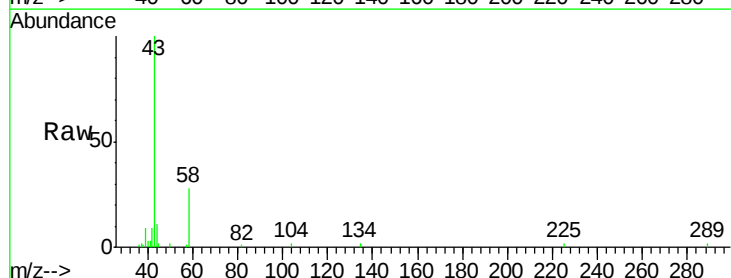
RT: 3.84 min Scan# 327

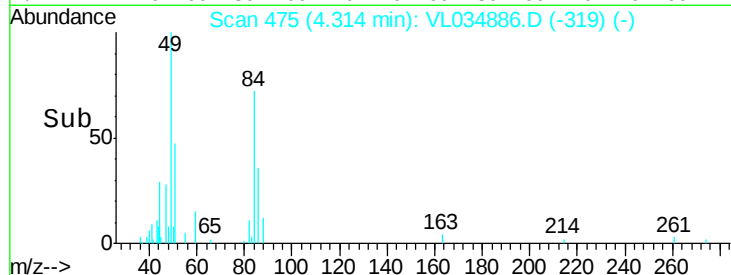
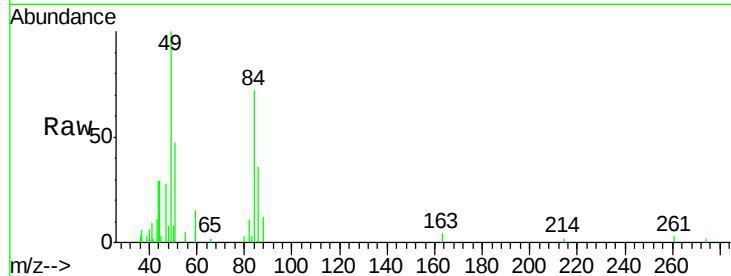
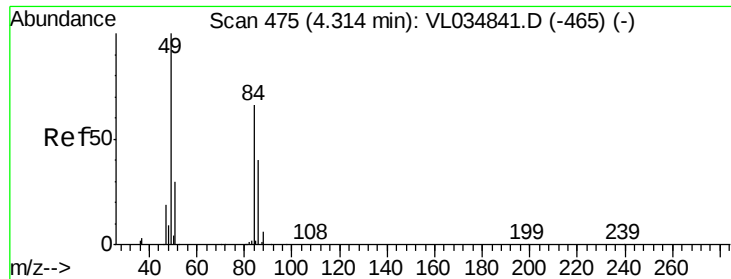
Delta R.T. 0.02 min

Lab File: VL034886.D

Acq: 16 Mar 2020 12:01

Tgt Ion:	43	Resp:	30004
Ion	Ratio	Lower	Upper
43	100		
58	48.0	21.0	31.6#





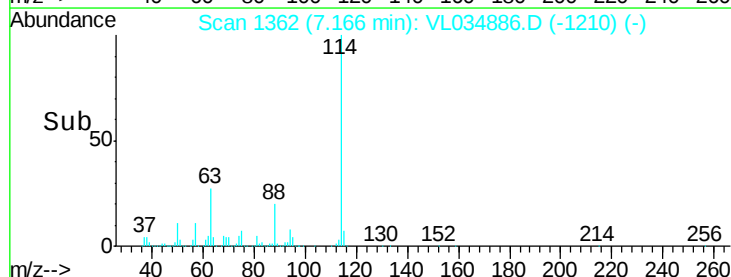
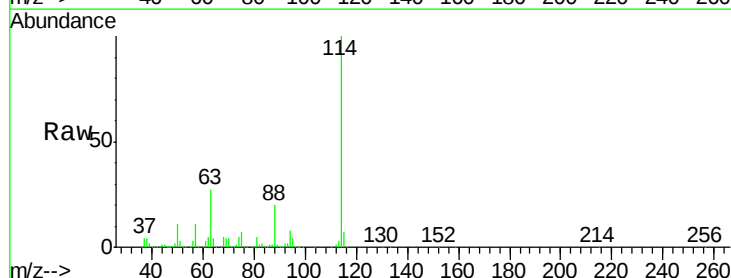
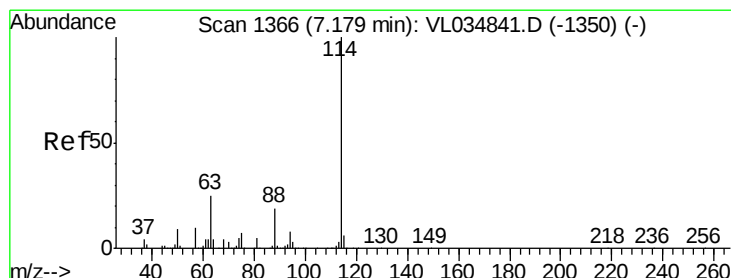
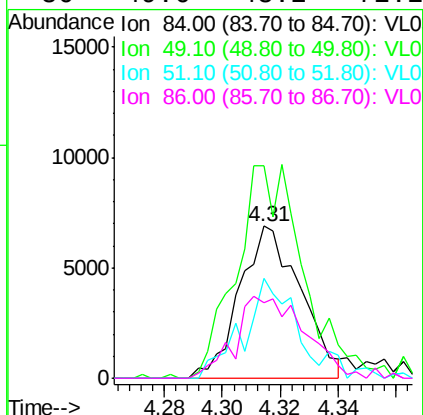
#20
Methylene Chloride
Concen: 0.265 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL034886.D
Acq: 16 Mar 2020 12:01

Tot Ion:	84	Resp:	10011
Ion	Ratio	Lower	Upper
84	100		
49	136.3	121.5	182.3
51	65.6	36.6	55.0#
86	49.6	48.2	72.2

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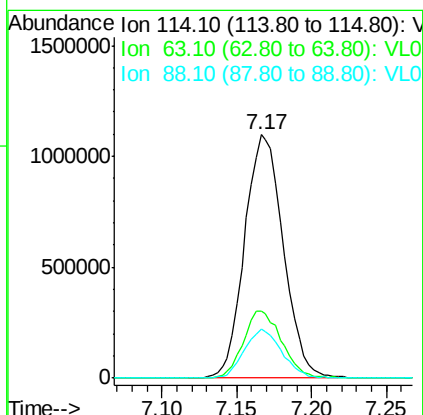
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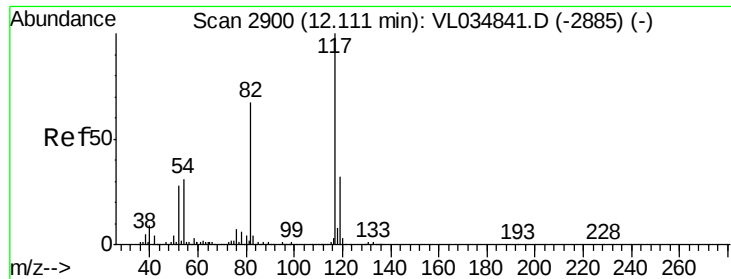
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL034886.D
Acq: 16 Mar 2020 12:01

Tgt Ion:	114	Resp:	1976989
Ion	Ratio	Lower	Upper
114	100		
63	27.7	20.6	31.0
88	19.5	15.0	22.6





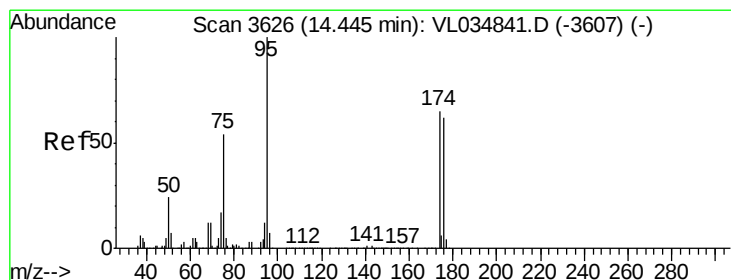
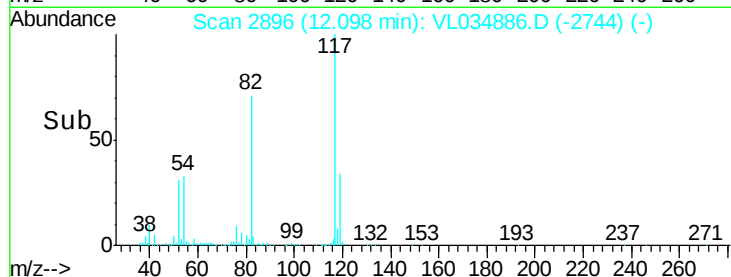
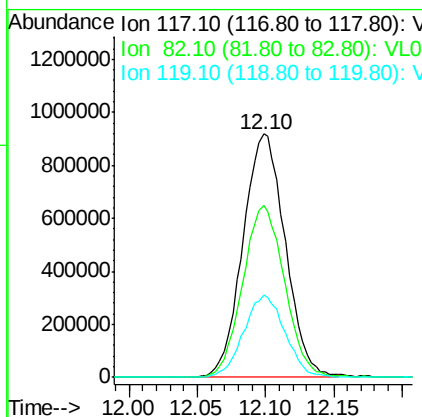
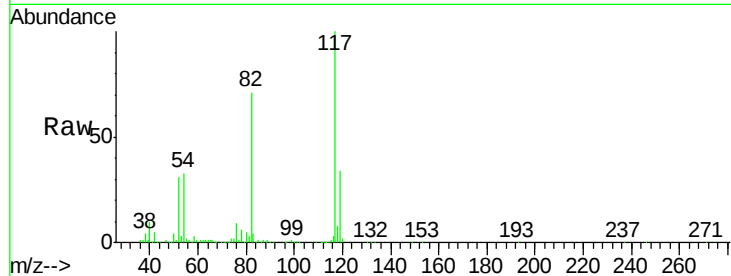
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL034886.D
Acq: 16 Mar 2020 12:01

Instrument :
MSVOA_L
ClientSampleId :
VL0316ABL01

Tot Ion:117 Resp: 1977427
Ion Ratio Lower Upper
117 100
82 70.2 51.1 76.7
119 33.1 27.3 40.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.394 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL034886.D
Acq: 16 Mar 2020 12:01

Tgt Ion: 95 Resp: 1602953
Ion Ratio Lower Upper
95 100
174 64.9 55.2 82.8
175 4.8 4.3 6.5

