

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121719\
 Data File : VL034506.D
 Acq On : 17 Dec 2019 23:50
 Operator : SY/AP
 Sample : K6319-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-OA1DL

Manual Integrations
 APPROVED

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 12/19/2019 3:48:11 PM

Quant Time: Dec 18 05:35:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane			5.67	49	931360	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene			7.19	114	1813865	10.00	ppbv	-0.01
55) Chlorobenzene-d5			12.13	117	1821039	10.00	ppbv	-0.01
System Monitoring Compounds								
68) 1-Bromo-4-Fluorobenzene			14.47	95	1540770	10.06	ppbv	-0.01
Spiked Amount		10.000	Range	65 - 135	Recovery	=	100.60%	
Target Compounds								
13) Ethanol			3.60	45	12364m	0.860	ppbv	Ovalue
15) Acetone			3.85	43	40461	0.303	ppbv	92

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

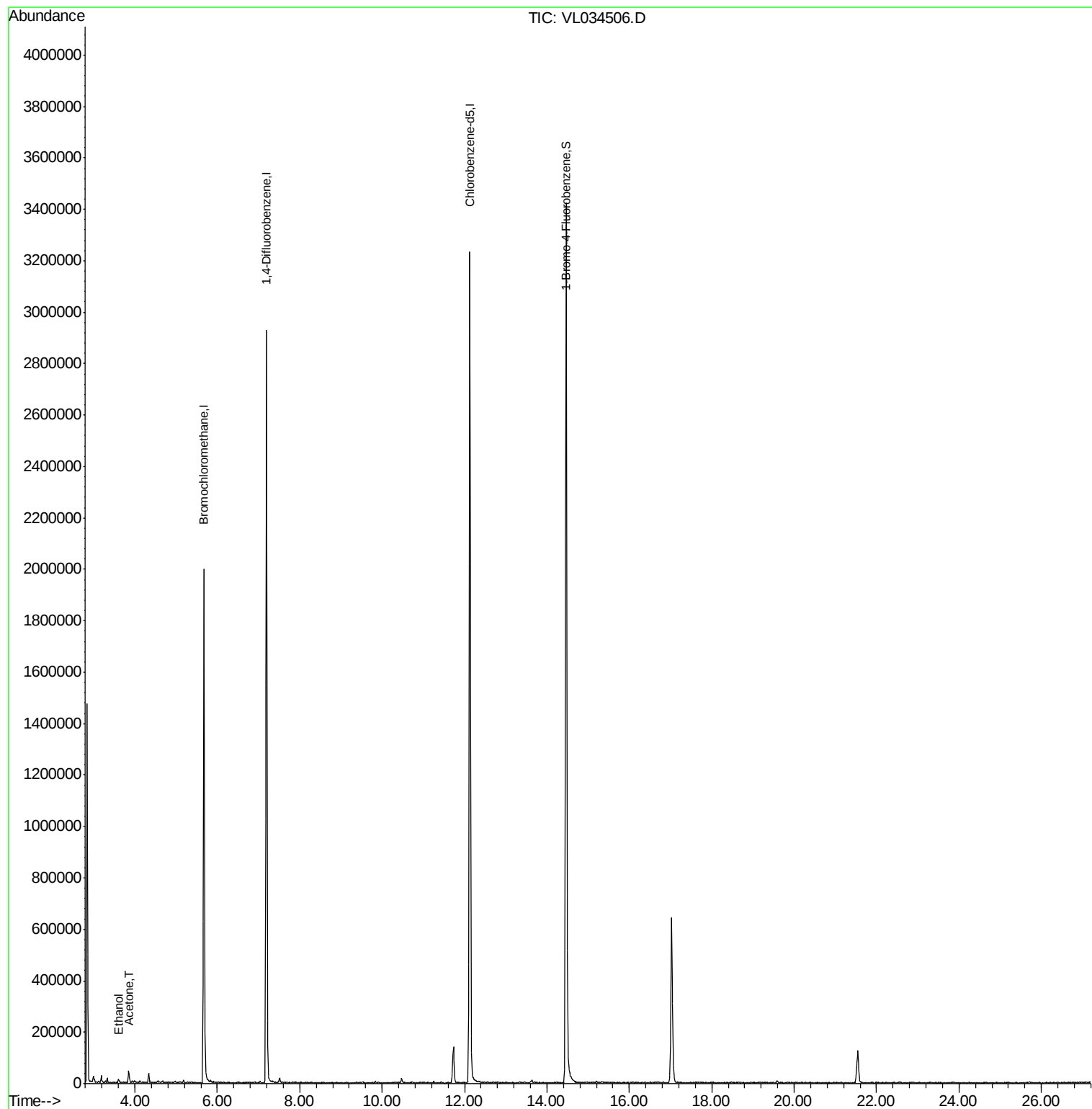
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Data File : VL034506.D
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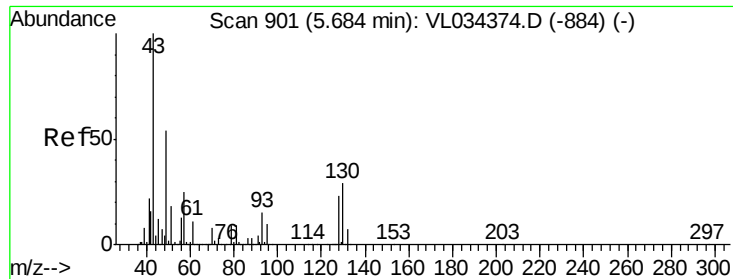
Instrument :
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Quant Time: Dec 18 05:35:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL034506.D

Acq: 17 Dec 2019 23:50

Instrument :

MSVOA_L

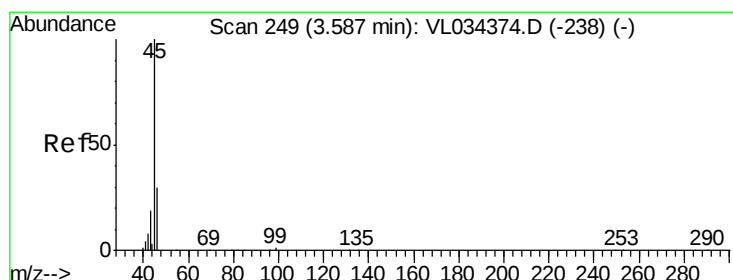
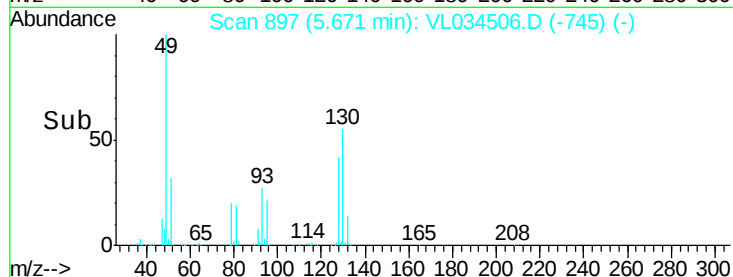
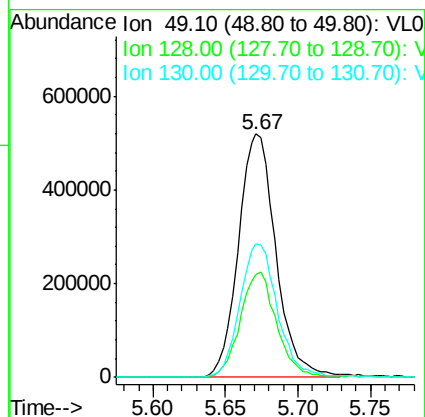
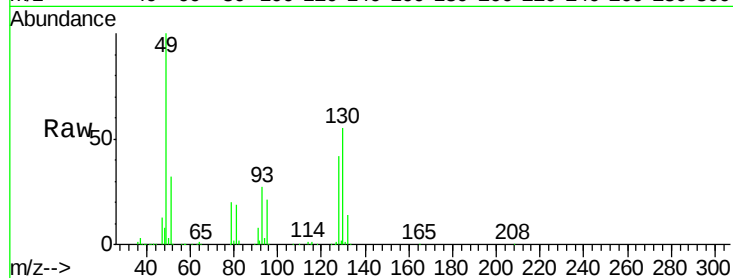
ClientSampleId :

LIHA-OA1DL

Tot Ion:	49	Resp:	931360
Ion	Ratio	Lower	Upper
49	100		
128	42.7	21.8	65.3
130	55.7	28.0	84.0

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#13

Ethanol

Concen: 0.860 ppbv m

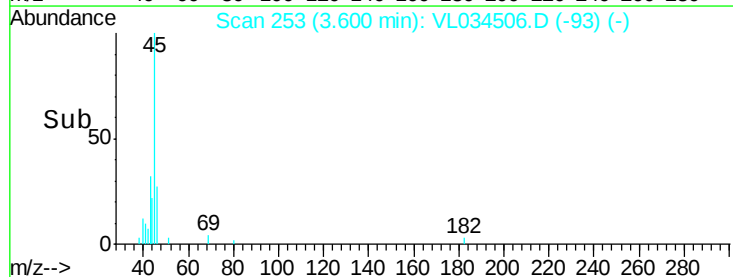
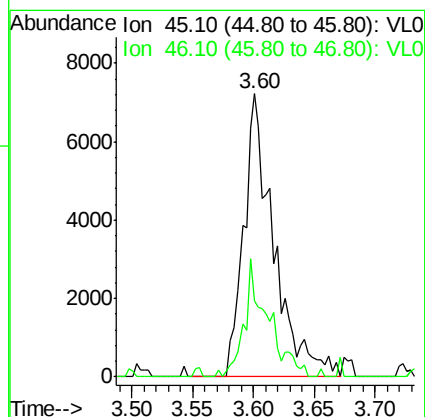
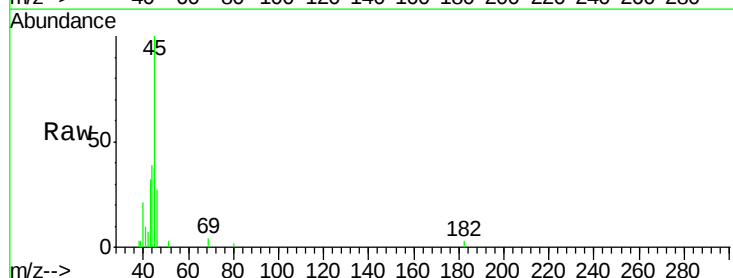
RT: 3.60 min Scan# 253

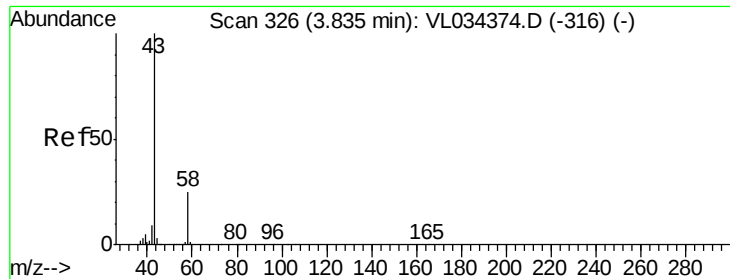
Delta R.T. 0.01 min

Lab File: VL034506.D

Acq: 17 Dec 2019 23:50

Tgt Ion:	45	Resp:	12364
Ion	Ratio	Lower	Upper
45	100		
46	33.9	13.8	55.4





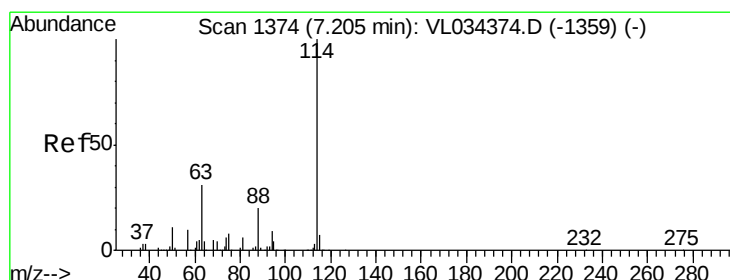
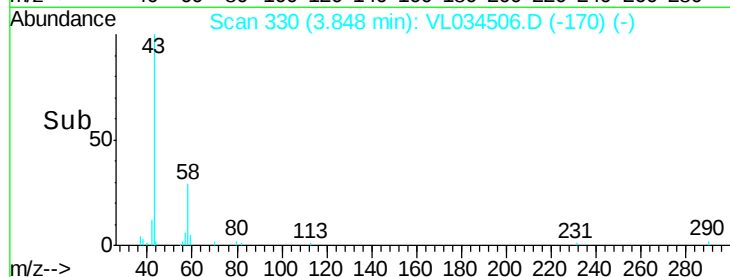
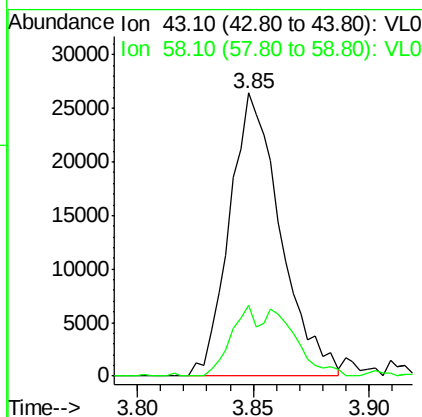
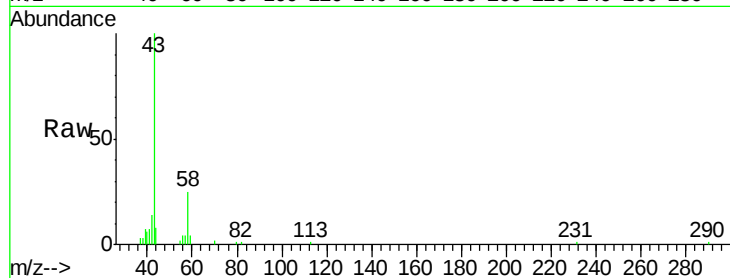
#15
Acetone
Concen: 0.303 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL034506.D
Acq: 17 Dec 2019 23:50

Instrument :
MSVOA_L
ClientSampleId :
LIHA-OA1DL

Tot Ion: 43 Resp: 40461
Ion Ratio Lower Upper
43 100
58 29.5 20.2 30.4

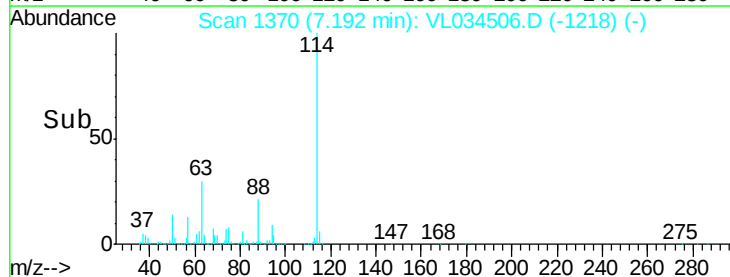
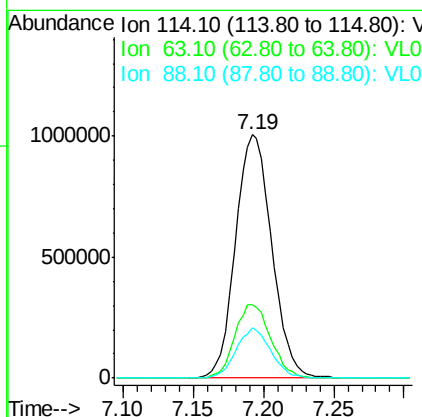
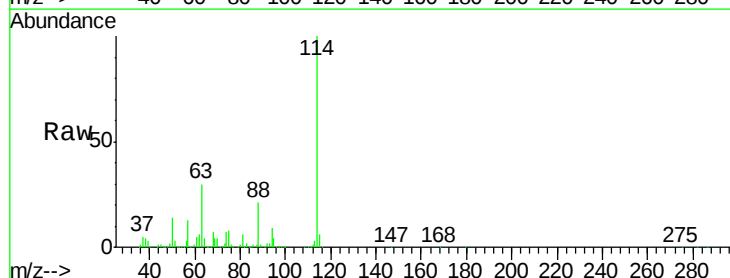
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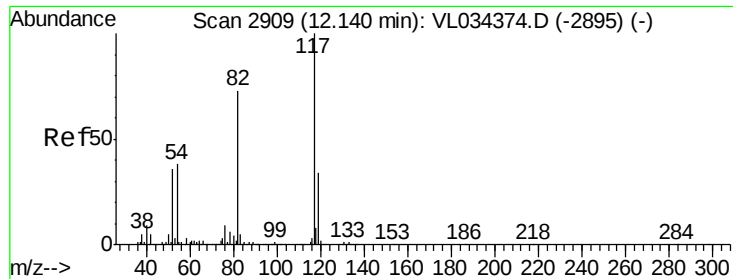
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VL034506.D
Acq: 17 Dec 2019 23:50

Tgt Ion: 114 Resp: 1813865
Ion Ratio Lower Upper
114 100
63 30.1 24.2 36.4
88 19.6 15.9 23.9





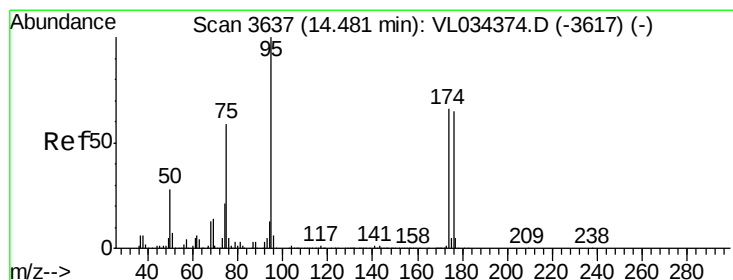
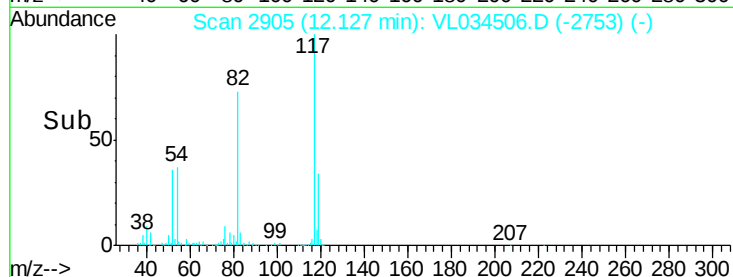
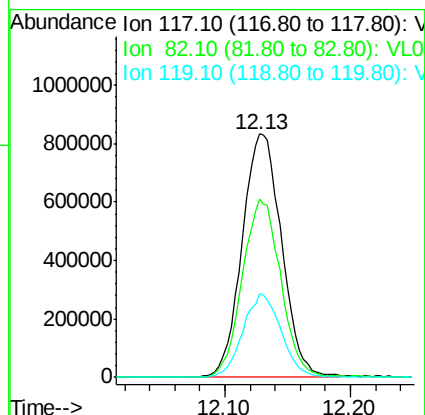
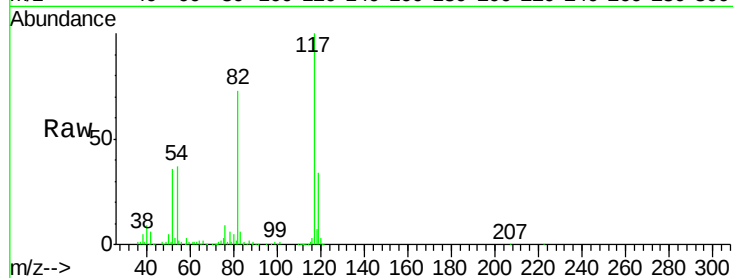
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL034506.D
Acq: 17 Dec 2019 23:50

Instrument :
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ClientSampleId :
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Tot Ion:117 Resp: 1821039
Ion Ratio Lower Upper
117 100
82 71.8 57.5 86.3
119 33.3 25.4 38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.057 ppbv
RT: 14.47 min Scan# 3633
Delta R.T. -0.01 min
Lab File: VL034506.D
Acq: 17 Dec 2019 23:50

Tgt Ion: 95 Resp: 1540770
Ion Ratio Lower Upper
95 100
174 65.0 52.2 78.2
175 4.5 3.8 5.8

