

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101419\
 Data File : VL034295.D
 Acq On : 14 Oct 2019 23:58
 Operator : SY/AP
 Sample : OC101119 CAN 10296
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101119 CAN 10296

Manual Integrations
 APPROVED

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 10/16/2019 12:59:41 AM

Quant Time: Oct 15 07:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	948908	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1580233	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1574954	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1424583	10.41	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	33132	0.261	ppbv #	86
20) Methylene Chloride	4.35	84	18626m	0.508	ppbv	
26) Hexane	5.71	57	12290	0.123	ppbv #	41

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

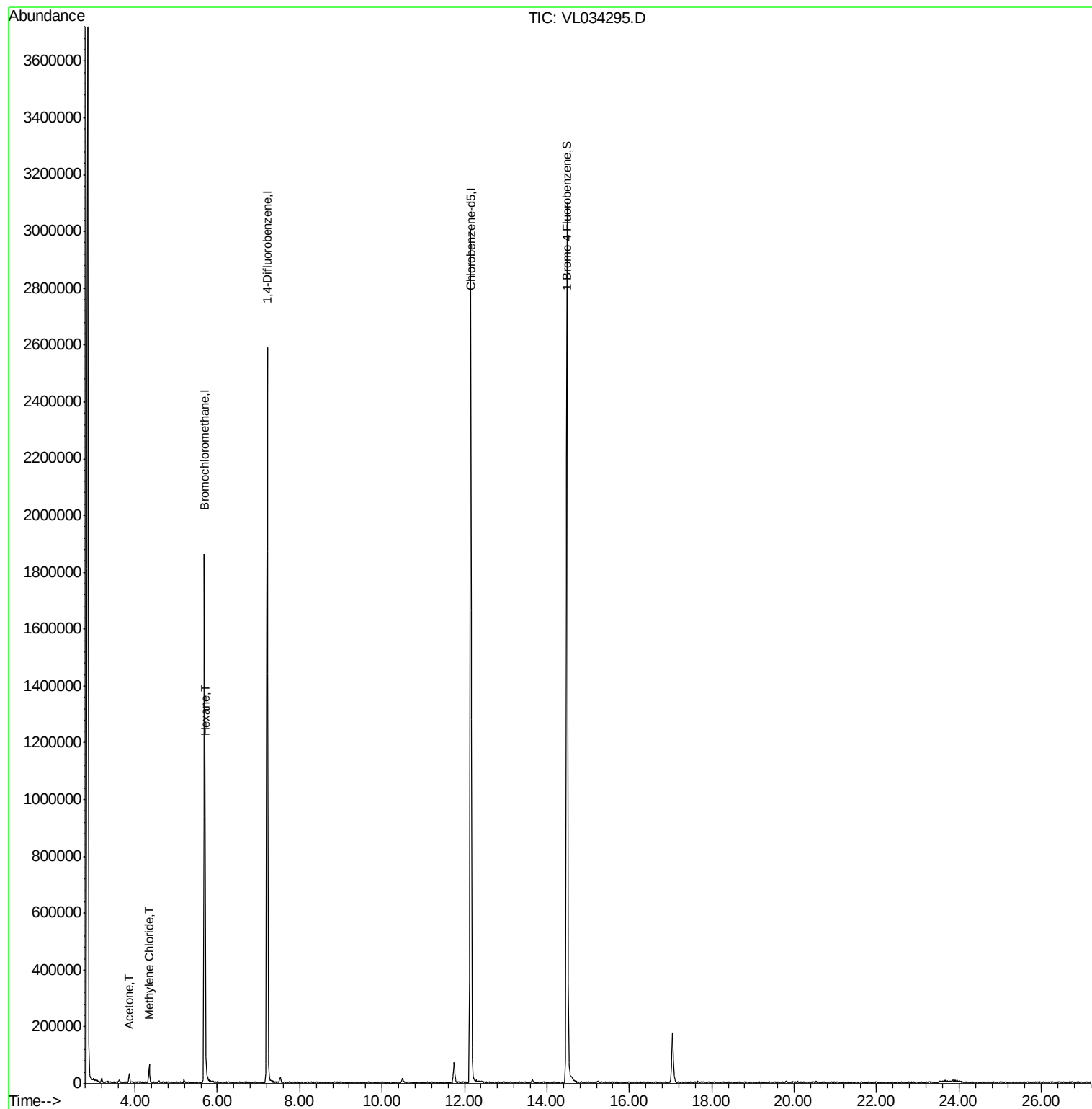
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101419\
Data File : VL034295.D
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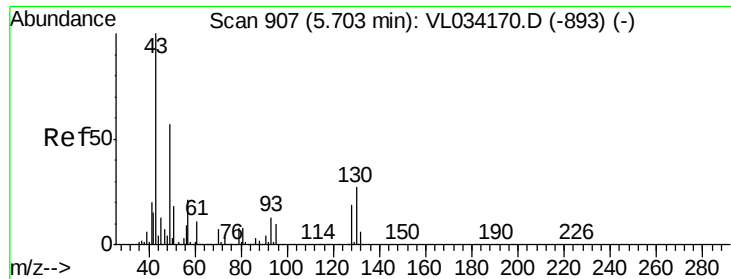
Instrument :
MSVOA_L
ClientSampleId :
QC101119 CAN 10296

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Quant Time: Oct 15 07:44:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.02 min

Lab File: VL034295.D

Acq: 14 Oct 2019 23:58

Instrument :

MSVOA_L

ClientSampleId :

QC101119 CAN 10296

Tot Ion: 49 Resp: 948908

Ion Ratio Lower Upper

49 100

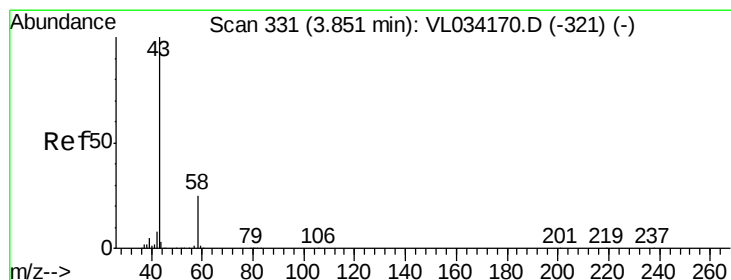
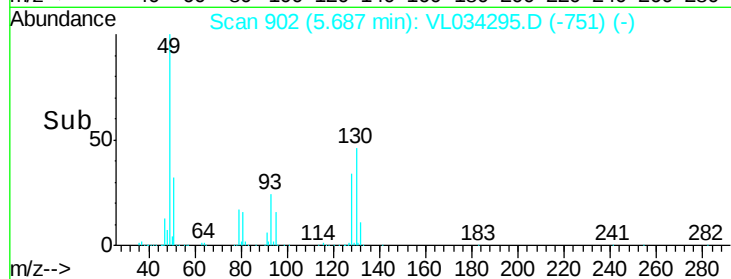
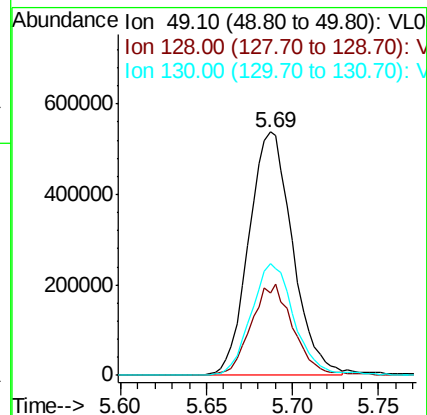
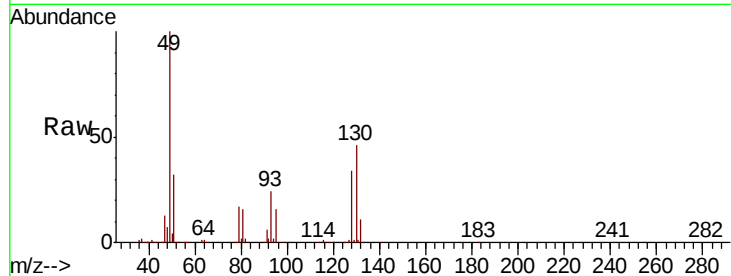
128 36.5 17.6 52.9

130 45.5 22.3 66.9

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#15

Acetone

Concen: 0.261 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL034295.D

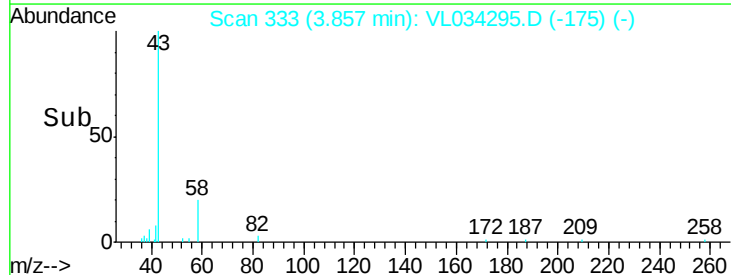
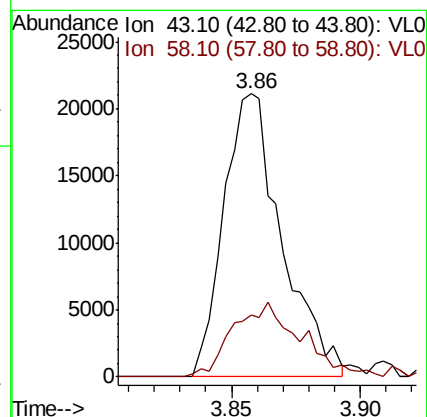
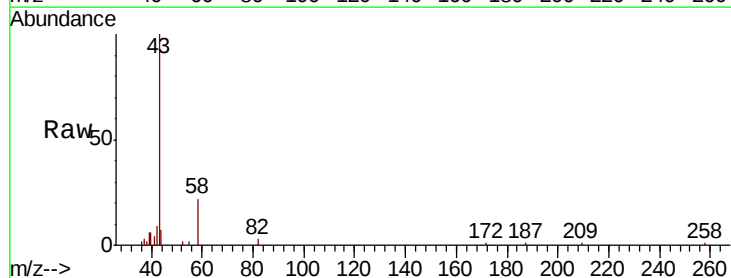
Acq: 14 Oct 2019 23:58

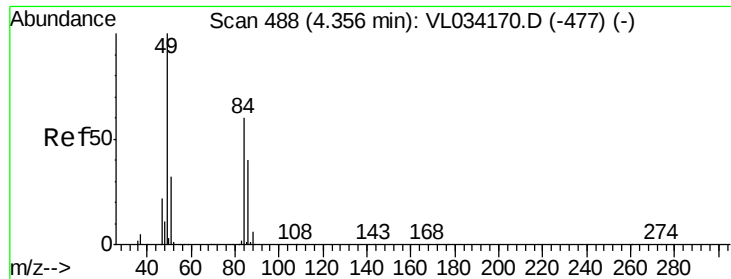
Tgt Ion: 43 Resp: 33132

Ion Ratio Lower Upper

43 100

58 32.8 20.5 30.7#





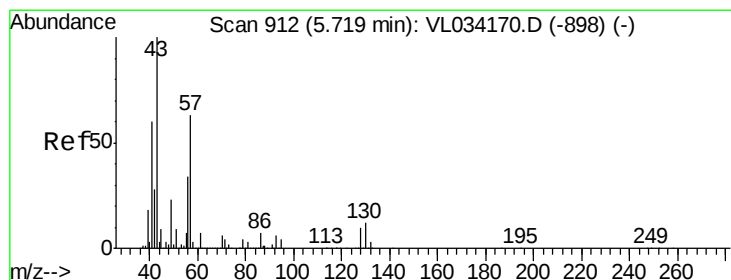
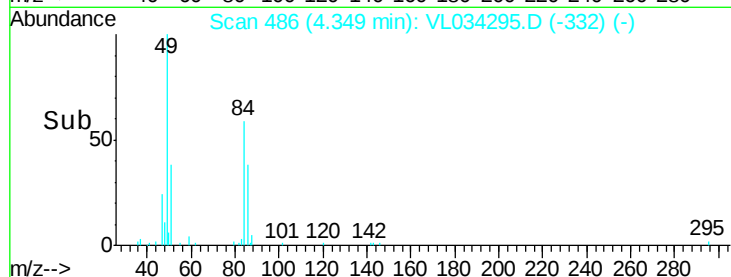
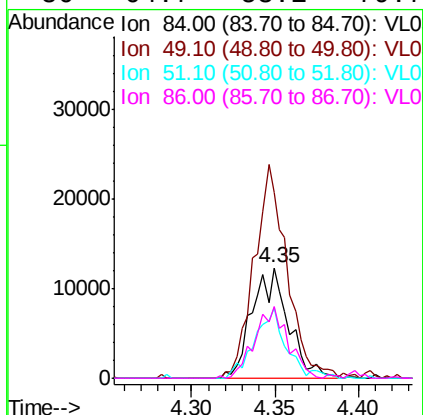
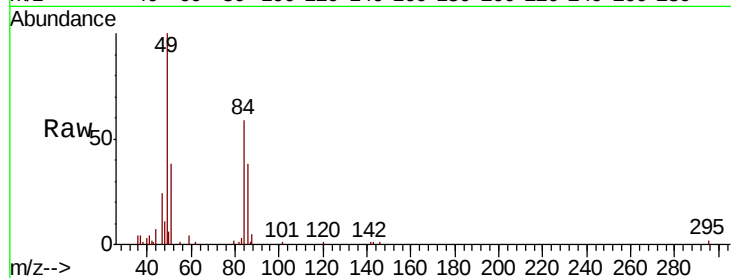
#20
Methvlene Chloride
Concen: 0.508 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034295.D
Acq: 14 Oct 2019 23:58

Instrument :
MSVOA_L
ClientSampleId :
QC101119 CAN 10296

Tot Ion	84	Resp	18626
Ion	Ratio	Lower	Upper
84	100		
49	168.9	133.8	200.8
51	64.1	43.6	65.4
86	64.7	53.1	79.7

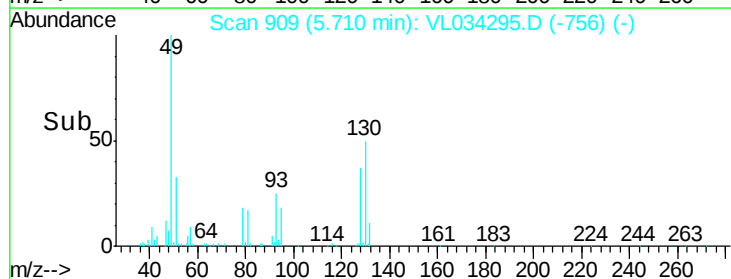
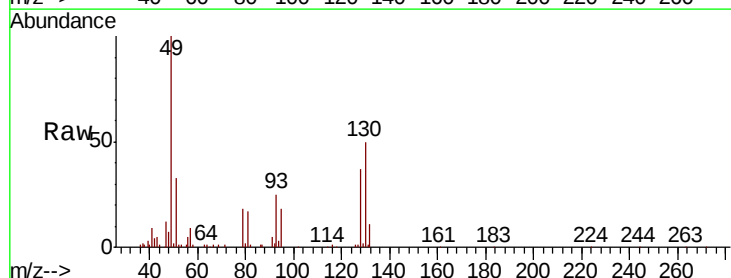
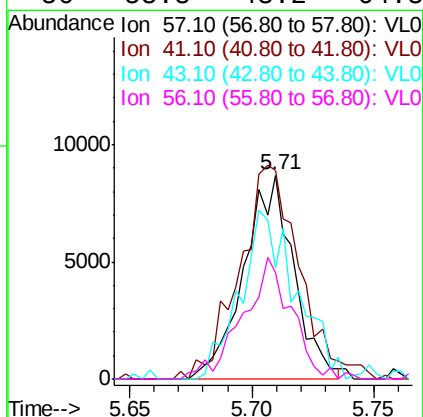
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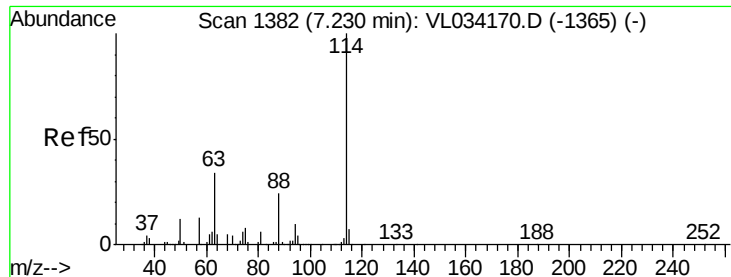
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#26
Hexane
Concen: 0.123 ppbv
RT: 5.71 min Scan# 909
Delta R.T. -0.01 min
Lab File: VL034295.D
Acq: 14 Oct 2019 23:58

Tgt Ion	57	Resp	12290
Ion	Ratio	Lower	Upper
57	100		
41	127.2	78.5	117.7#
43	96.2	189.5	284.3#
56	58.8	43.2	64.8





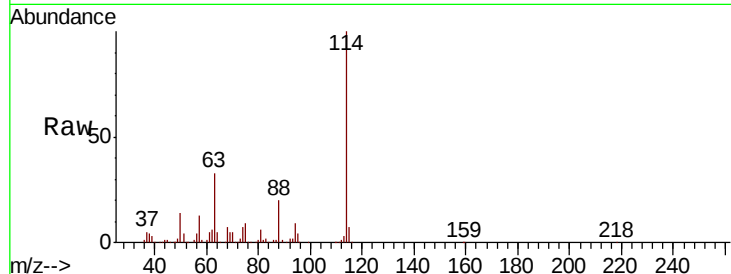
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.02 min
 Lab File: VL034295.D
 Acq: 14 Oct 2019 23:58

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101119 CAN 10296

Tot Ion	Ratio	Lower	Upper
114	100		
63	34.2	27.8	41.6
88	20.8	17.1	25.7

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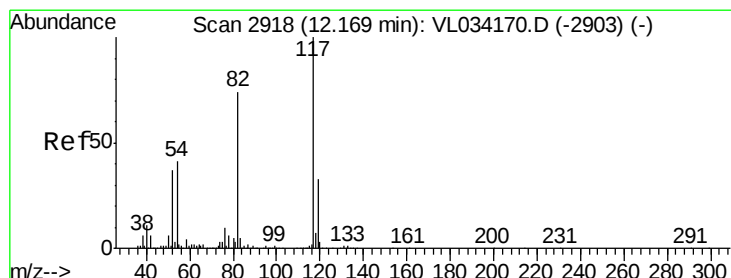
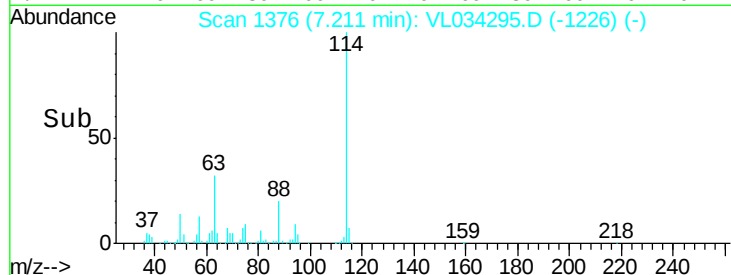
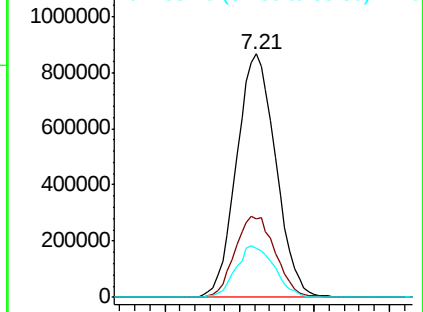


Abundance

Ion 114.10 (113.80 to 114.80): V

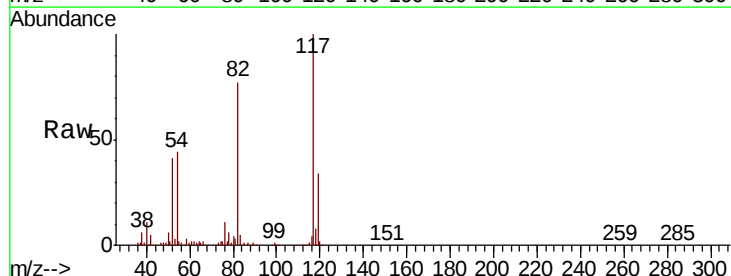
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.15 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: VL034295.D
 Acq: 14 Oct 2019 23:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	78.2	58.2	87.4
119	33.1	23.7	35.5

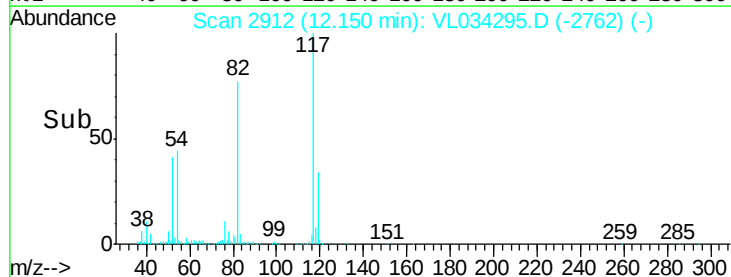
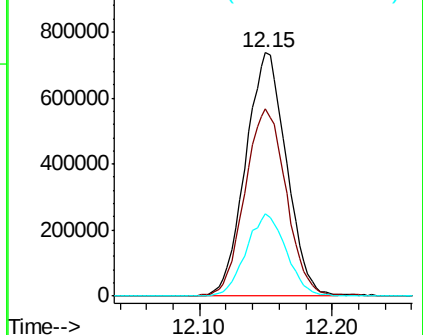


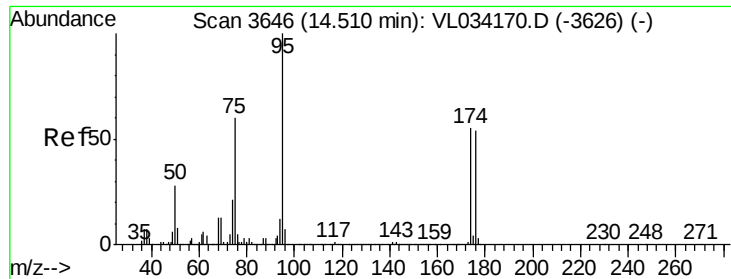
Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.410 ppbv
 RT: 14.49 min Scan# 3639
 Delta R.T. -0.02 min
 Lab File: VL034295.D
 Acq: 14 Oct 2019 23:58

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101119 CAN 10296

Tot Ion: 95 Resp: 1424583
 Ion Ratio Lower Upper
 95 100
 174 54.3 45.1 67.7
 175 3.7 3.3 4.9

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