

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050219\
 Data File : VL033645.D
 Acq On : 3 May 2019 2:22
 Operator : SY/AP
 Sample : K2628-10DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-10DL

Manual Integrations
 APPROVED

MMDadoda
 5/4/2019 7:19:02 AM

Quant Time: May 03 04:46:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050119AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 03 04:46:12 2019
 QLast Update : Thu May 02 06:29:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	905627	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2118073	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2234326	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1807608	10.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	35902	2.554	ppbv	96
15) Acetone	3.91	43	36780	0.334	ppbv	97
53) Toluene	9.94	91	27958m	0.123	ppbv	

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

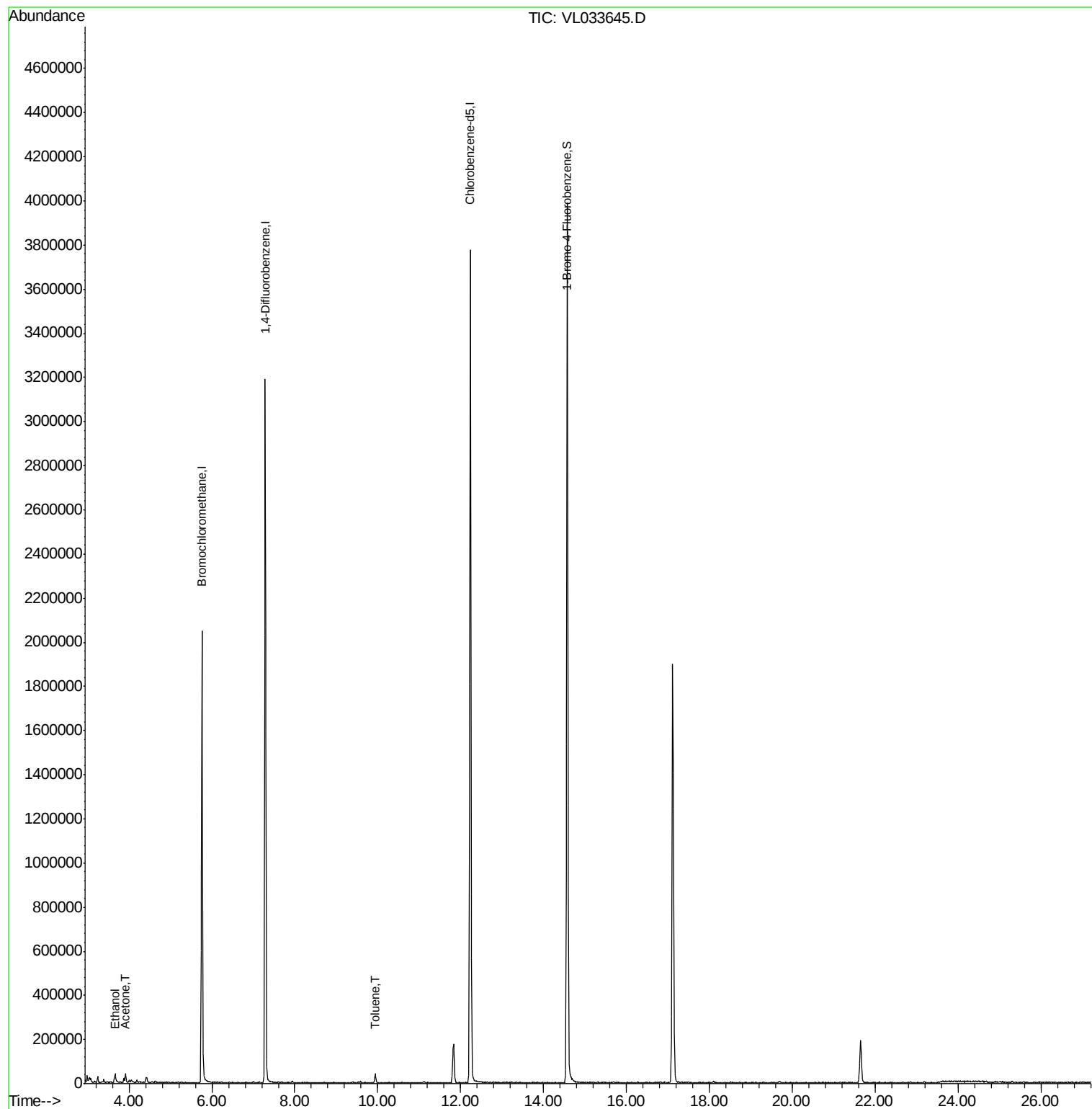
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL050219\
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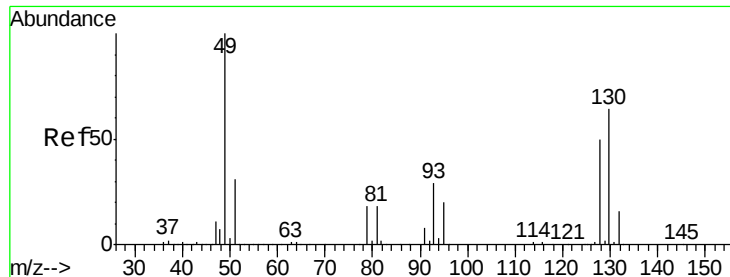
Instrument :
MSVOA_L
ClientSampleId :
A-10DL

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Quant Time: May 03 04:46:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050119AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 02 06:29:02 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. 0.00 min

Lab File: VL033645.D

Acq: 3 May 2019 2:22

Instrument :

MSVOA_L

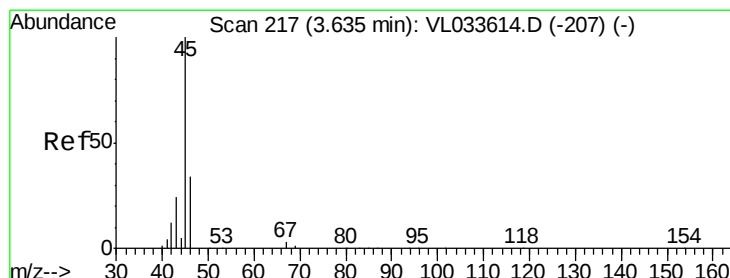
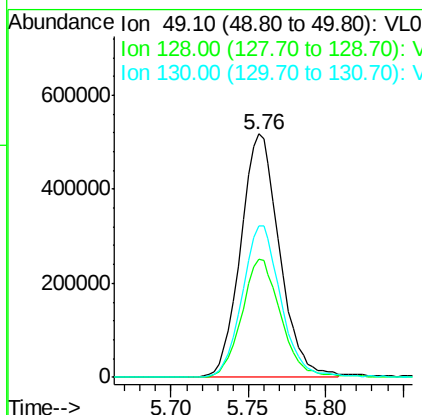
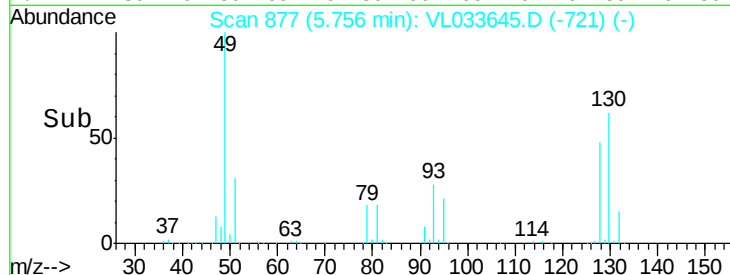
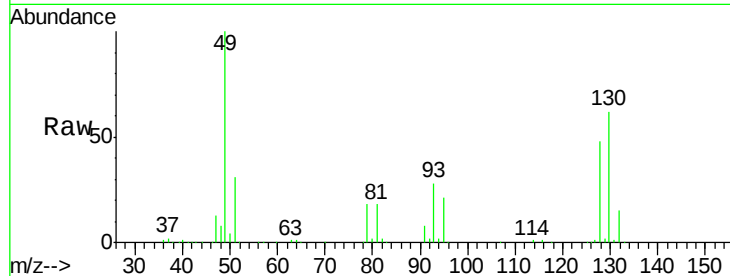
ClientSampleId :

A-10DL

Tot Ion:	49	Resp:	905627
Ion Ratio	Lower	Upper	
49	100		
128	49.0	25.0	75.0
130	62.7	31.9	95.9

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#13

Ethanol

Concen: 2.554 ppbv

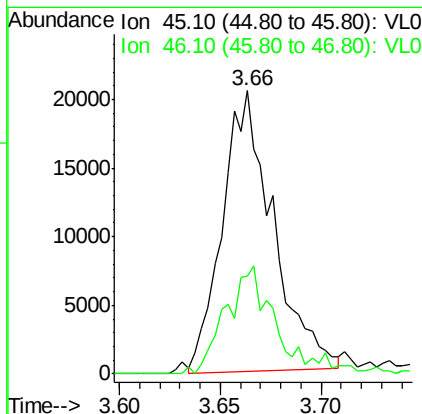
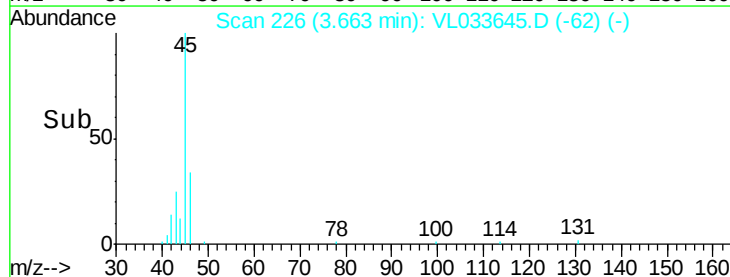
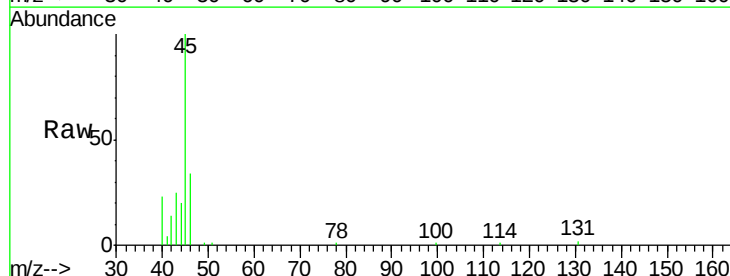
RT: 3.66 min Scan# 226

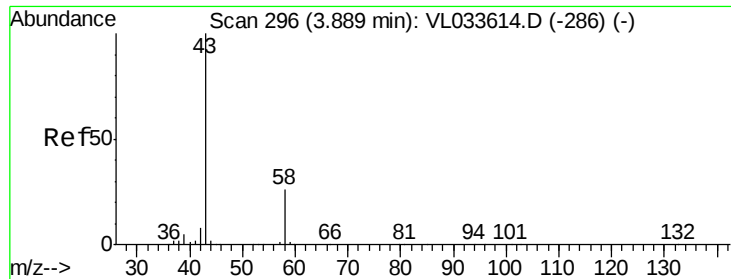
Delta R.T. 0.03 min

Lab File: VL033645.D

Acq: 3 May 2019 2:22

Tgt Ion:	45	Resp:	35902
Ion Ratio	Lower	Upper	
45	100		
46	39.0	14.6	58.2





#15

Acetone

Concen: 0.334 ppbv

RT: 3.91 min Scan# 303

Delta R.T. 0.02 min

Lab File: VL033645.D

Acq: 3 May 2019 2:22

Instrument :

MSVOA_L

ClientSampled :

A-10DL

Tot Ion: 43 Resp: 36780

Ion Ratio Lower Upper

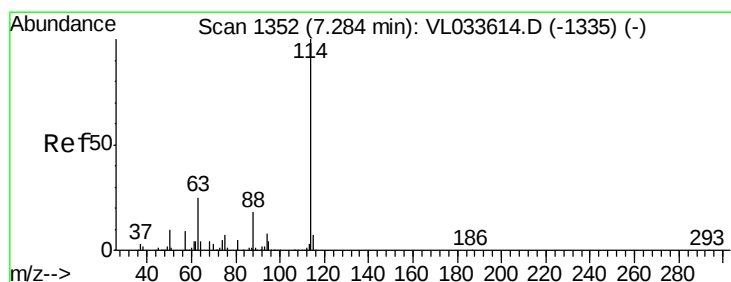
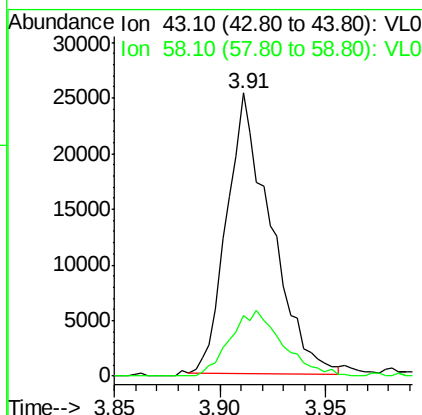
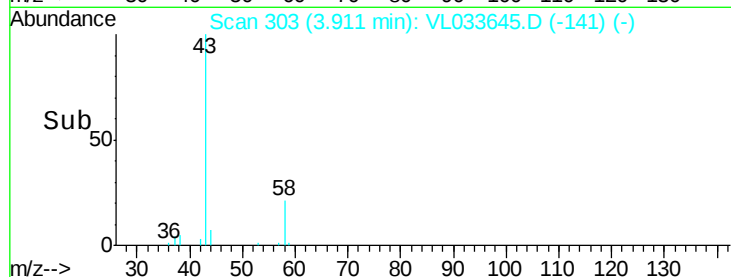
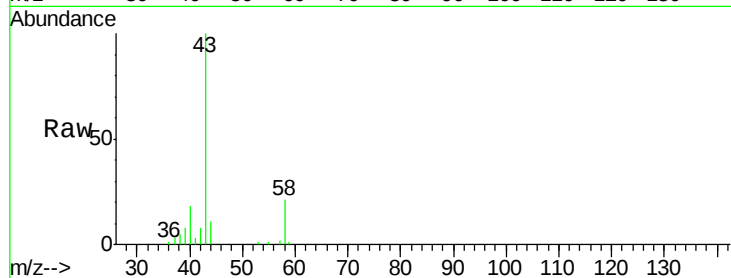
43 100

58 28.0 21.2 31.8

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1353

Delta R.T. 0.00 min

Lab File: VL033645.D

Acq: 3 May 2019 2:22

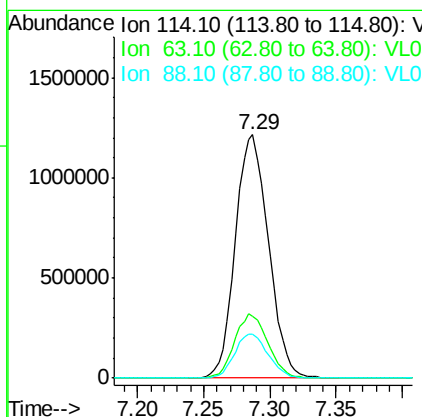
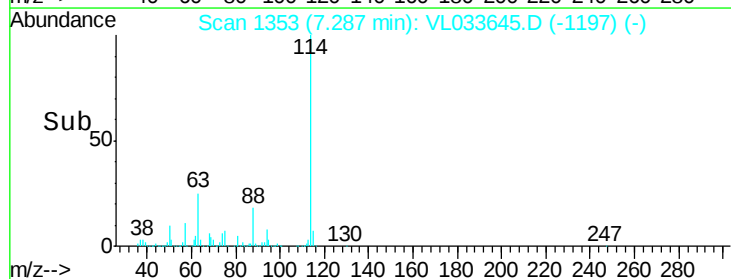
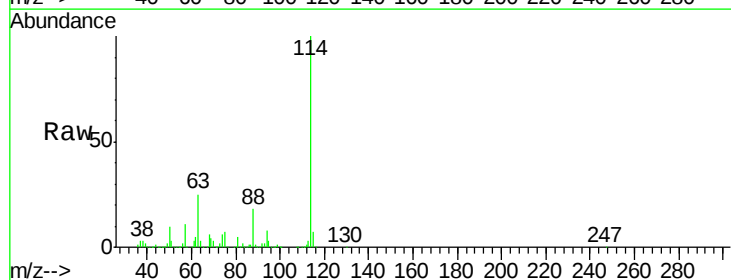
Tgt Ion: 114 Resp: 2118073

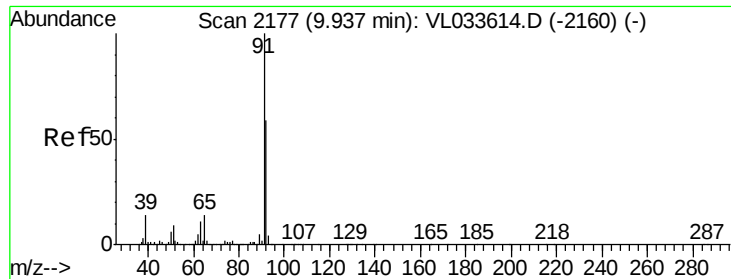
Ion Ratio Lower Upper

114 100

63 26.7 21.1 31.7

88 18.1 14.2 21.4





#53

Toluene

Concen: 0.123 ppbv m

RT: 9.94 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VL033645.D

Acq: 3 May 2019 2:22

Instrument :

MSVOA_L

ClientSampleId :

A-10DL

Tot Ion: 91 Resp: 27958

Ion Ratio Lower Upper

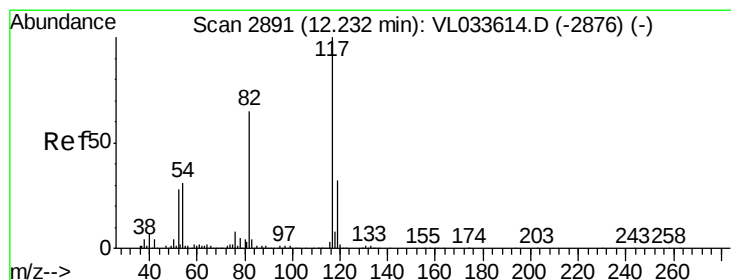
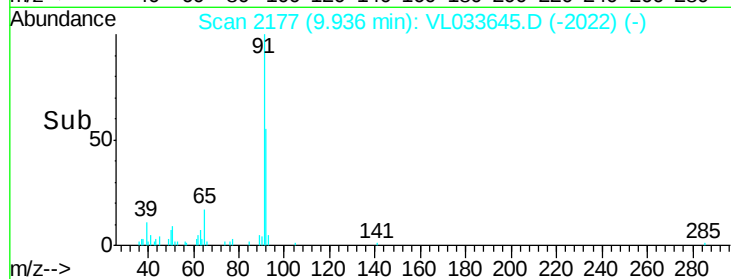
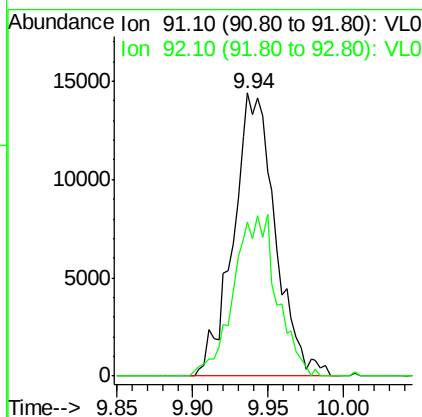
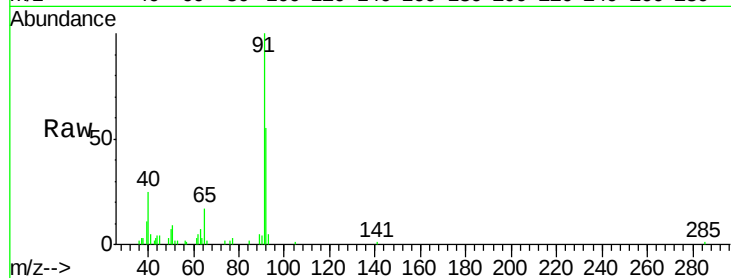
91 100

92 0.0 47.8 71.6#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.23 min Scan# 2891

Delta R.T. -0.00 min

Lab File: VL033645.D

Acq: 3 May 2019 2:22

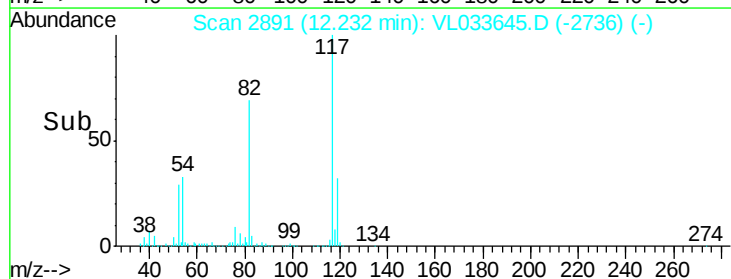
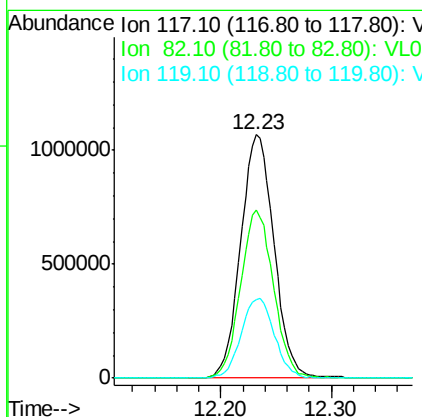
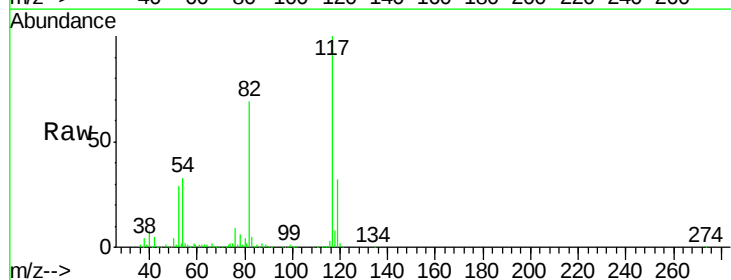
Tgt Ion: 117 Resp: 2234326

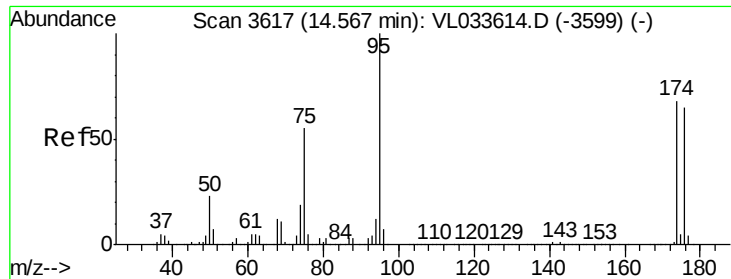
Ion Ratio Lower Upper

117 100

82 68.6 52.6 78.8

119 32.8 28.3 42.5





#68

1-Bromo-4-Fluorobenzene

Concen: 10.627 ppbv

RT: 14.57 min Scan# 3618

Delta R.T. 0.00 min

Lab File: VL033645.D

Acq: 3 May 2019 2:22

Instrument :

MSVOA_L

ClientSampleId :

A-10DL

Tot Ion: 95 Resp: 1807608

Ion Ratio Lower Upper

95 100

174 65.2 53.9 80.9

175 4.7 4.0 6.0

Manual Integrations
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