

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\
 Data File : VL033291.D
 Acq On : 12 Mar 2019 20:19
 Operator : SY/AP
 Sample : K1805-05DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-OA-1DL

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 5:06:18 AM

Quant Time: Mar 13 09:18:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 13 09:18:03 2019
 QLast Update : Wed Mar 13 07:17:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	800869	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1776305	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1798245	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1432627	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.91	43	65438m	0.533	ppbv	
20) Methylene Chloride	4.41	84	13965	0.342	ppbv	93

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

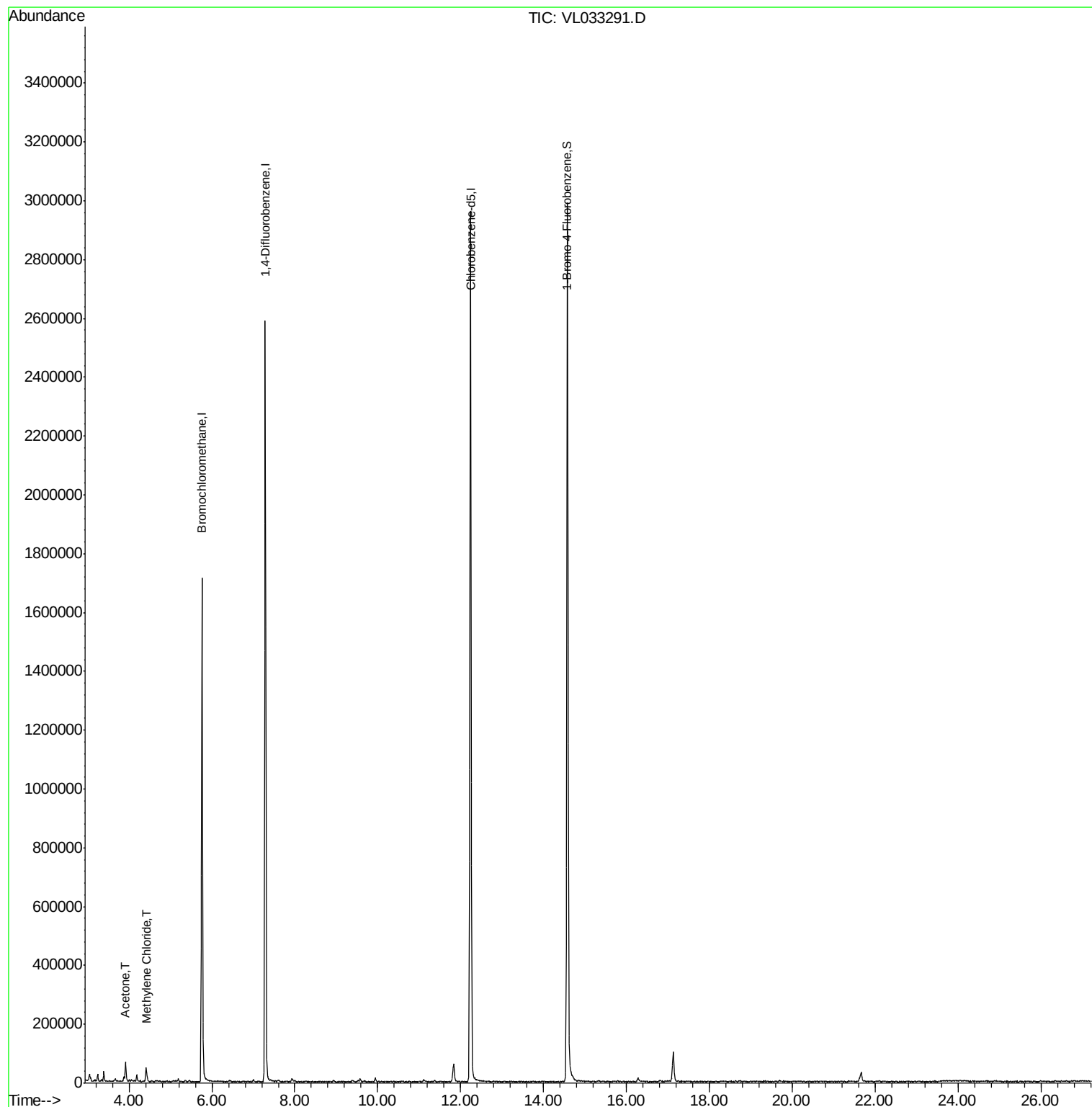
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL031219\
Data File : VL033291.D
Acq On : 12 Mar 2019 20:19
Operator : SY/AP
Sample : K1805-05DL 10X
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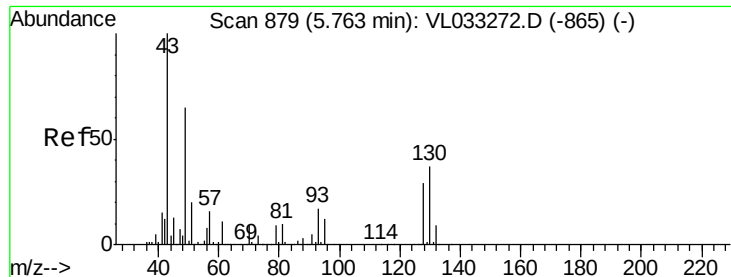
Instrument :
MSVOA_L
ClientSampleId :
ST-OA-1DL

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Quant Time: Mar 13 09:18:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar
QLast Update : Wed Mar 13 07:17:55 2019
Response via : Initial Calibration





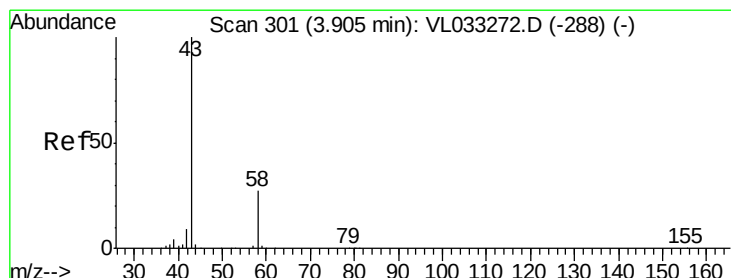
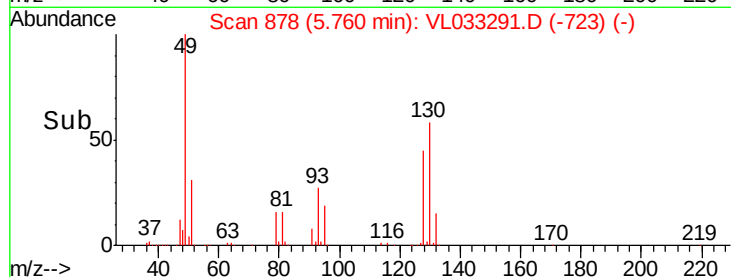
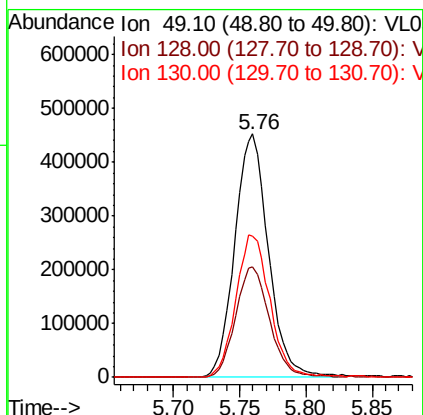
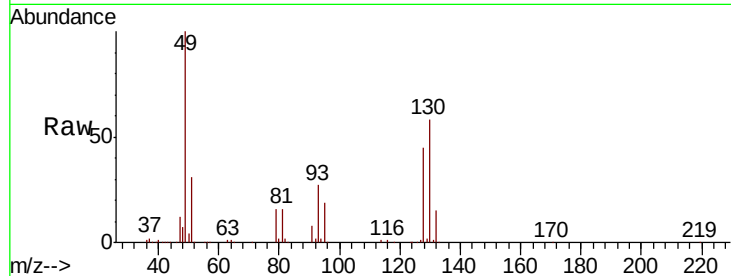
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033291.D
Acq: 12 Mar 2019 20:19

Instrument :
MSVOA_L
ClientSampleId :
ST-OA-1DL

Tgt Ion	Ratio	Lower	Upper
49	100		
128	46.3	23.3	69.9
130	59.6	30.0	90.1

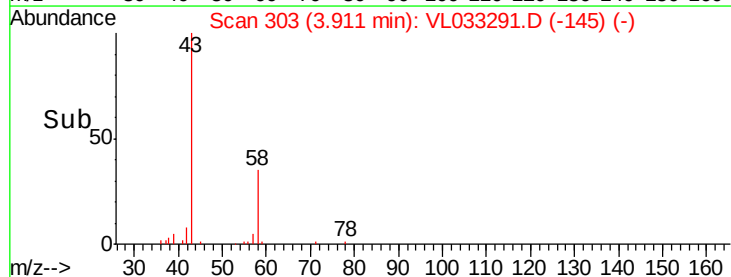
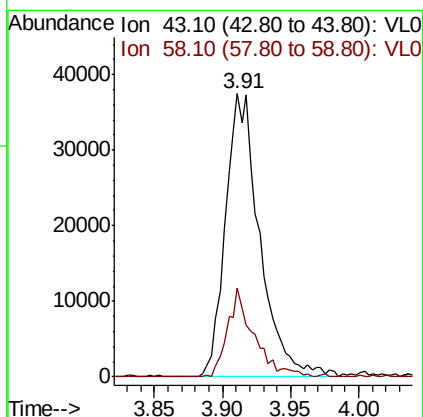
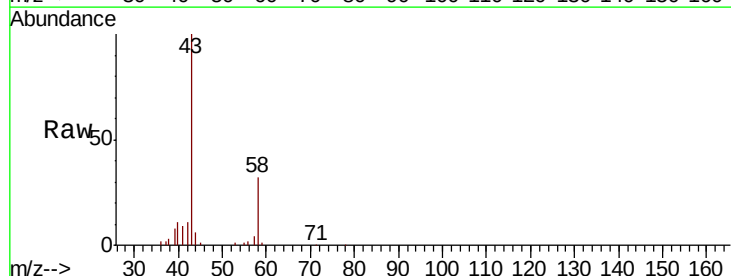
Manual Integrations
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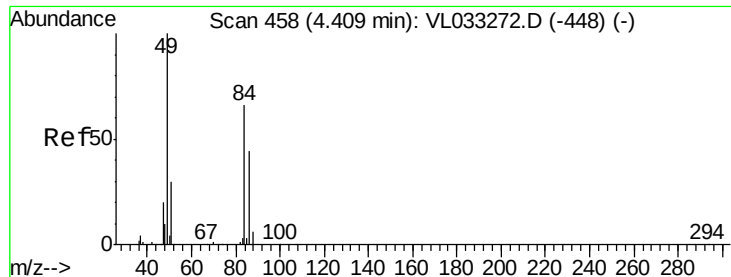
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#15
Acetone
Concen: 0.533 ppbv m
RT: 3.91 min Scan# 303
Delta R.T. 0.01 min
Lab File: VL033291.D
Acq: 12 Mar 2019 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.2	21.1	31.7





#20

Methylene Chloride

Concen: 0.342 ppbv

RT: 4.41 min Scan# 457

Delta R.T. -0.00 min

Lab File: VL033291.D

Acq: 12 Mar 2019 20:19

Instrument :

MSVOA_L

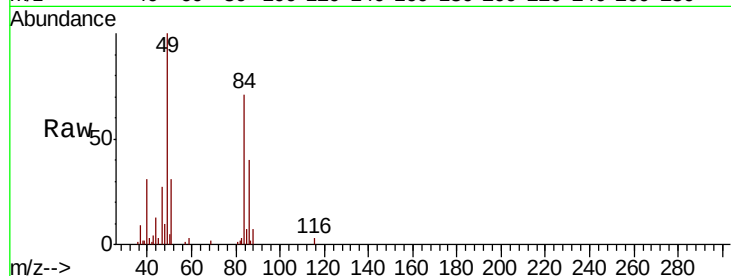
ClientSampleId :

ST-OA-1DL

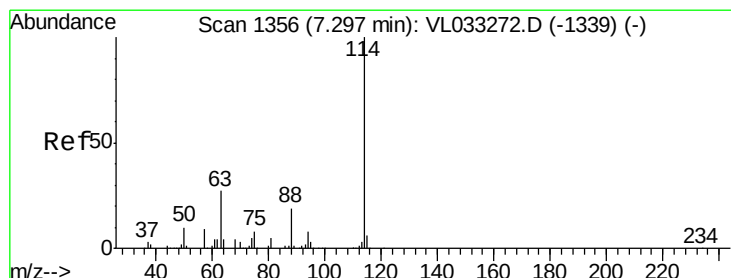
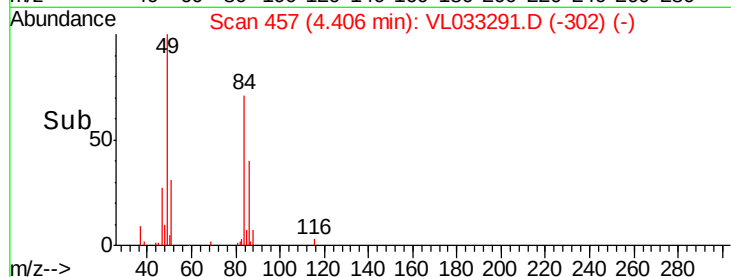
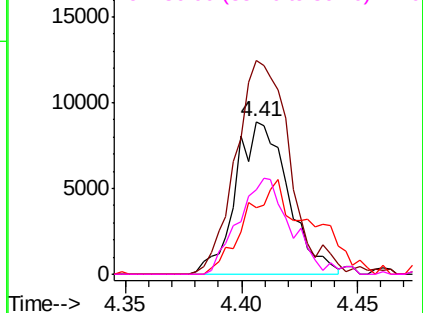
Tgt Ion:	84	Resp:	13965
Ion	Ratio	Lower	Upper
84	100		
49	140.2	120.3	180.5
51	44.0	36.2	54.4
86	59.0	52.5	78.7

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Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

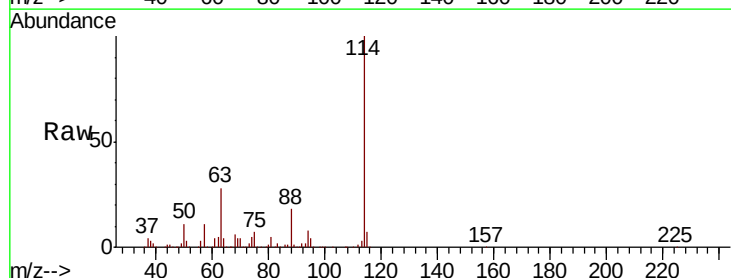
RT: 7.29 min Scan# 1353

Delta R.T. -0.01 min

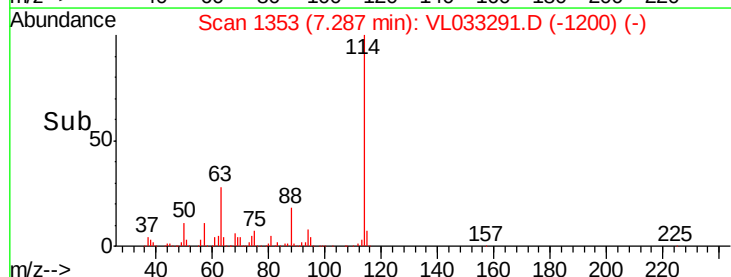
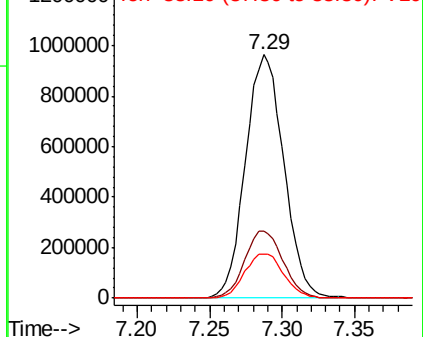
Lab File: VL033291.D

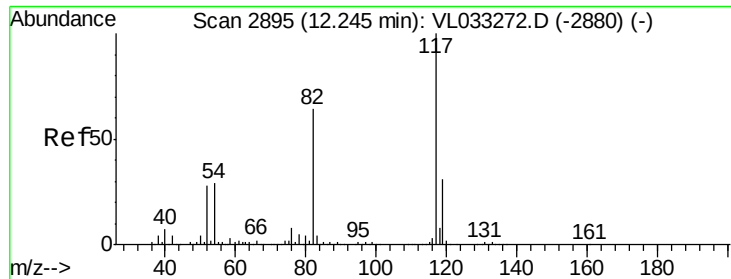
Acq: 12 Mar 2019 20:19

Tgt Ion:	114	Resp:	1776305
Ion	Ratio	Lower	Upper
114	100		
63	27.7	21.5	32.3
88	18.8	14.6	22.0



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: 12.24 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL033291.D

Acq: 12 Mar 2019 20:19

Instrument :

MSVOA_L

ClientSampleID :

ST-OA-1DL

Tgt Ion: 117 Resp: 1798245

Ion Ratio Lower Upper

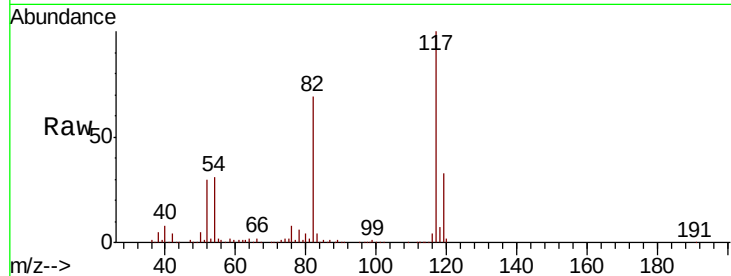
117 100

82 68.4 51.1 76.7

119 32.4 43.6 65.4#

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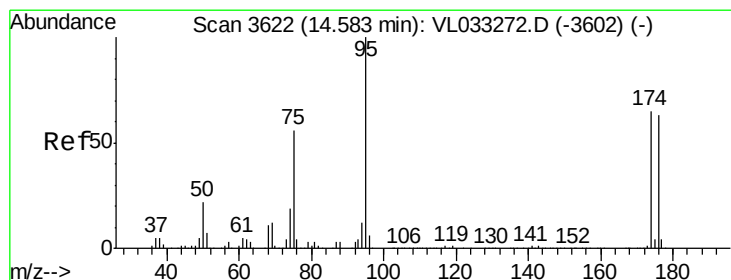
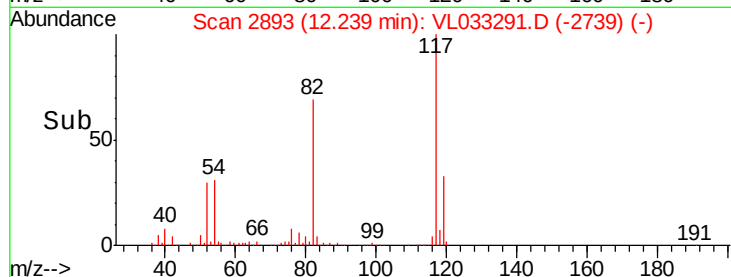
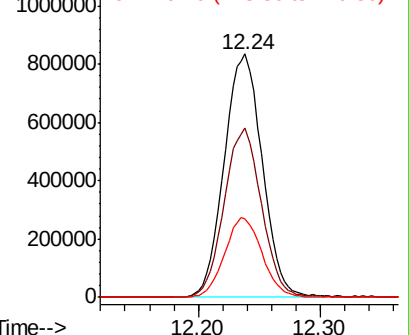
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.317 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.01 min

Lab File: VL033291.D

Acq: 12 Mar 2019 20:19

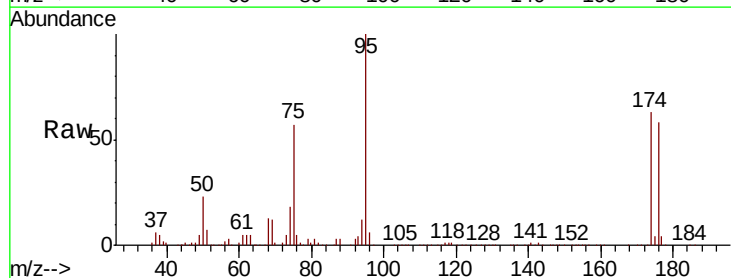
Tgt Ion: 95 Resp: 1432627

Ion Ratio Lower Upper

95 100

174 64.3 51.7 77.5

175 4.6 3.7 5.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

