

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121318\
 Data File : VL032988.D
 Acq On : 13 Dec 2018 18:19
 Operator : SY/AP
 Sample : J6382-01 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 P00131-SG001-181212-01

Manual Integrations
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Quant Time: Dec 14 10:25:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1118608	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3109181	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2940005	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2256170	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.68	45	18175m	1.576	ppbv	
15) Acetone	3.92	43	136278	1.419	ppbv	100
53) Toluene	9.96	91	58576m	0.242	ppbv	

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

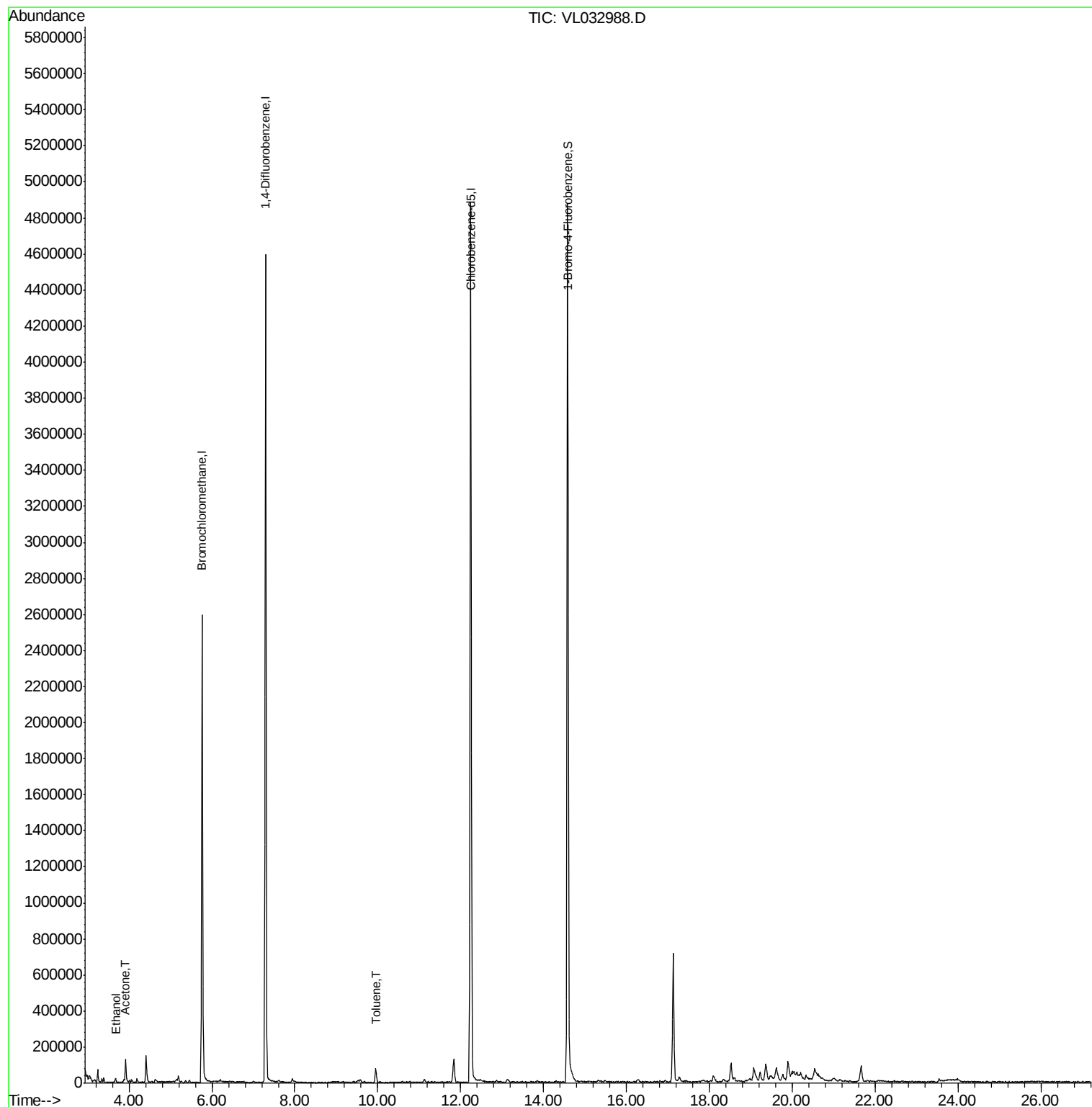
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121318\
Data File : VL032988.D
Acq On : 13 Dec 2018 18:19
Operator : SY/AP
Sample : J6382-01 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

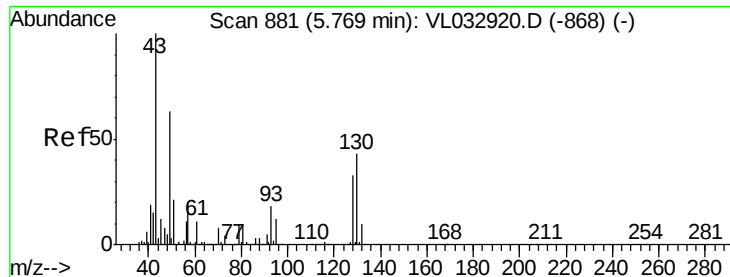
Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01

Quant Time: Dec 14 10:25:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.01 min

Lab File: VL032988.D

Acq: 13 Dec 2018 18:19

Instrument :

MSVOA_L

ClientSampleId :

P00131-SG001-181212-01

Tot Ion: 49 Resp: 1118608

Ion Ratio Lower Upper

49 100

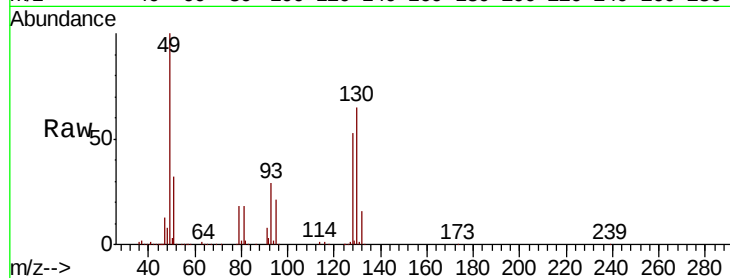
128 52.3 26.3 78.8

130 66.9 33.9 101.7

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

800000

600000

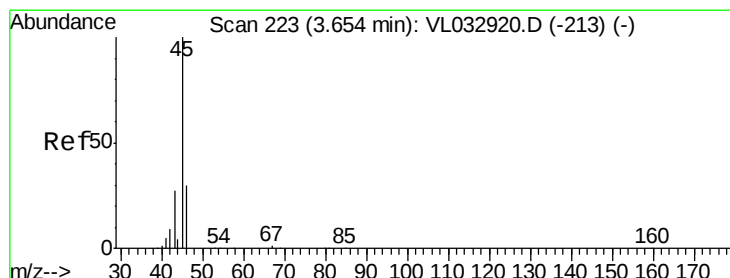
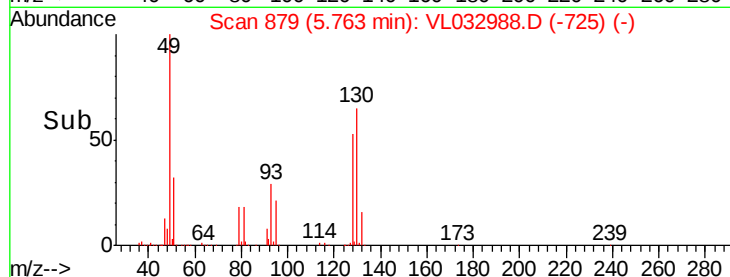
400000

200000

0

5.70 5.75 5.80 5.85

Time-->



#13

Ethanol

Concen: 1.576 ppbv m

RT: 3.68 min Scan# 230

Delta R.T. 0.02 min

Lab File: VL032988.D

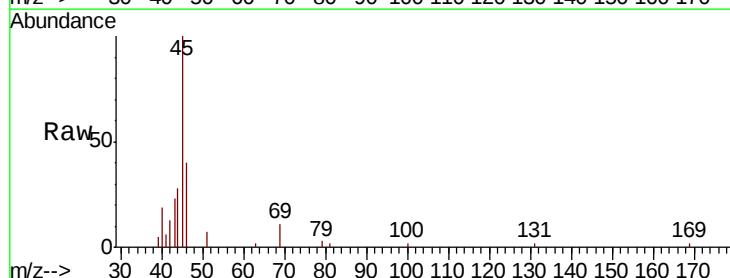
Acq: 13 Dec 2018 18:19

Tgt Ion: 45 Resp: 18175

Ion Ratio Lower Upper

45 100

46 0.0 13.8 55.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

10000

8000

6000

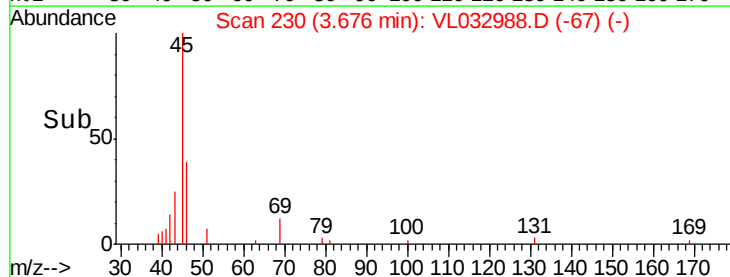
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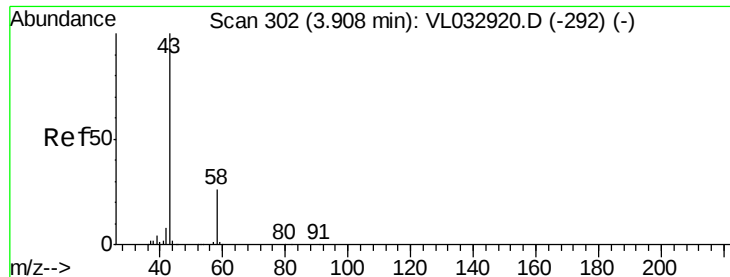
2000

0

3.60 3.65 3.70 3.75

Time-->





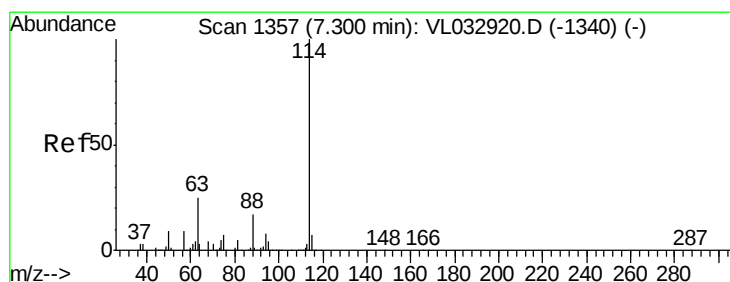
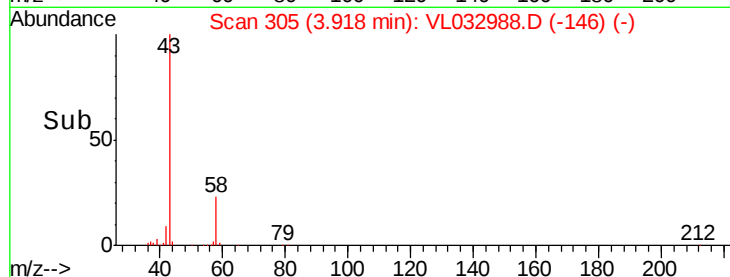
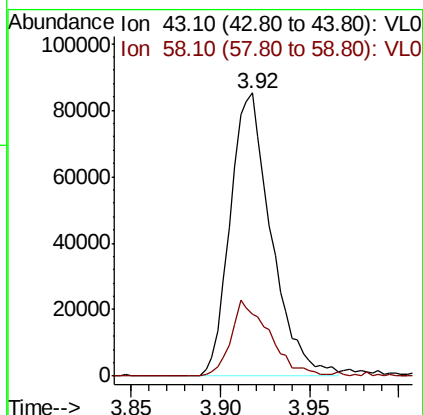
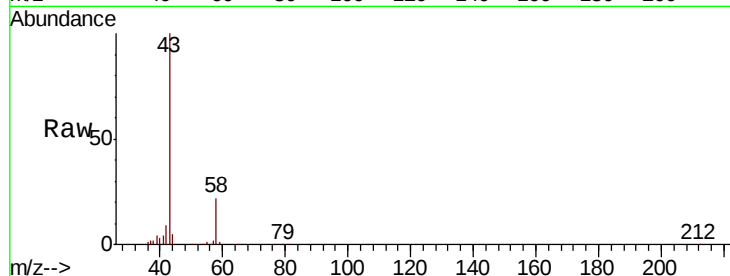
#15
Acetone
Concen: 1.419 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01

Tot Ion: 43 Resp: 136278
Ion Ratio Lower Upper
43 100
58 25.5 20.6 30.8

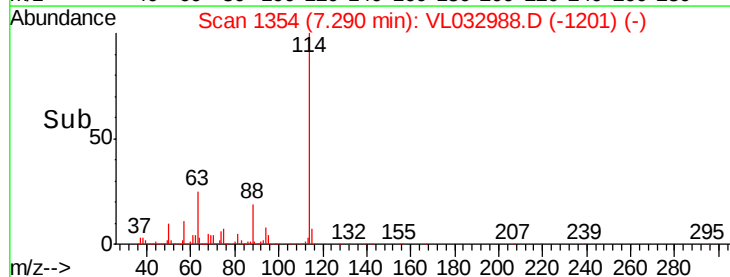
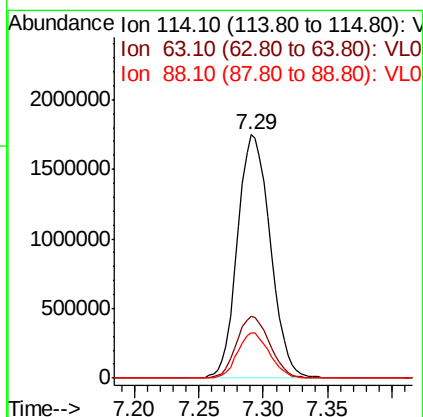
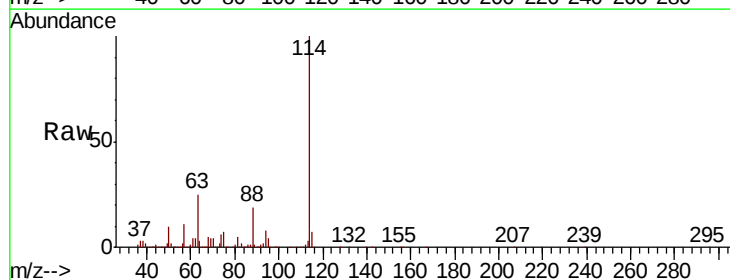
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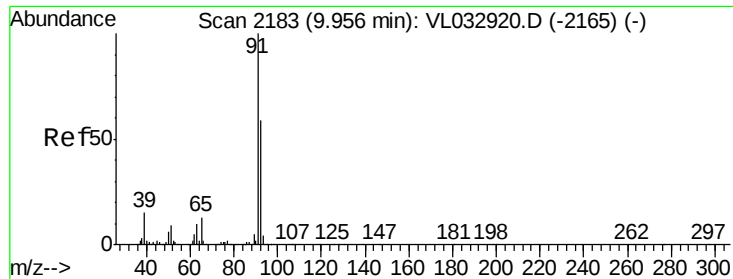
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Tgt Ion: 114 Resp: 3109181
Ion Ratio Lower Upper
114 100
63 25.6 20.1 30.1
88 18.2 14.2 21.4





#53

Toluene

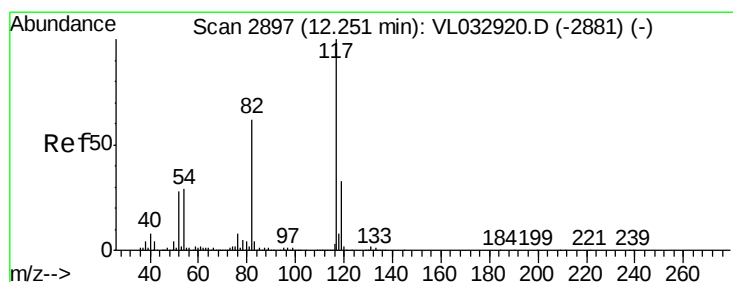
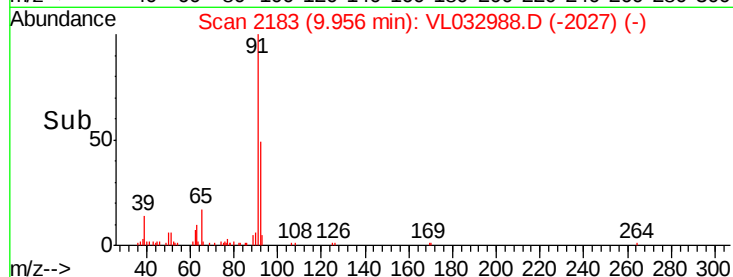
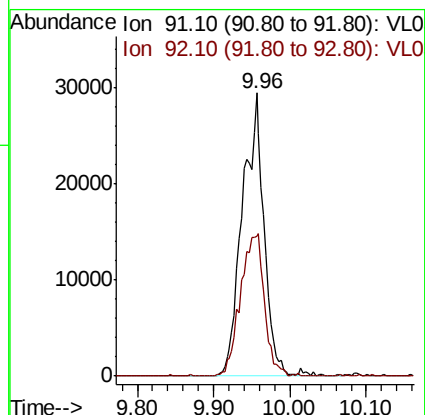
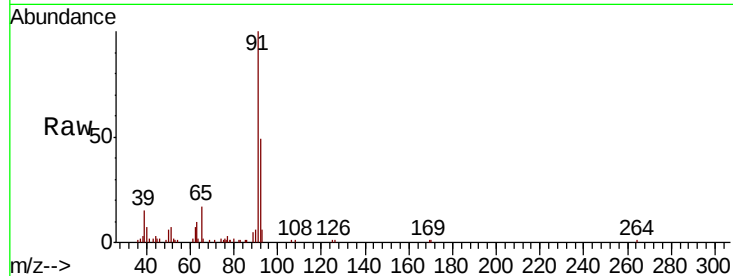
Concen: 0.242 ppbv m
RT: 9.96 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01

Tot Ion: 91 Resp: 58576
Ion Ratio Lower Upper
91 100
92 0.0 47.4 71.0#

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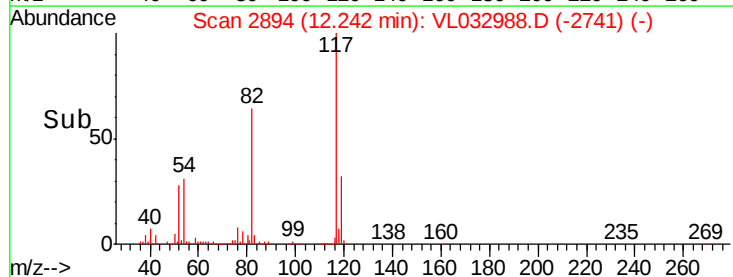
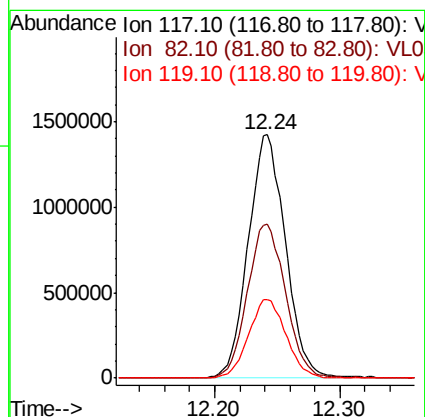
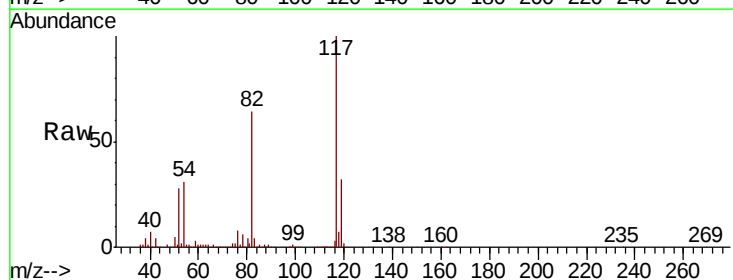


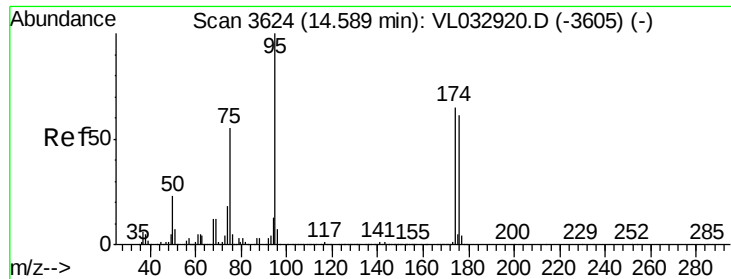
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Tgt Ion: 117 Resp: 2940005
Ion Ratio Lower Upper
117 100
82 65.1 47.8 71.8
119 32.7 43.1 64.7#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.387 ppbv
 RT: 14.58 min Scan# 3621
 Delta R.T. -0.01 min
 Lab File: VL032988.D
 Acq: 13 Dec 2018 18:19

Instrument :
 MSVOA_L
 ClientSampleId :
 P00131-SG001-181212-01

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.6	51.4	77.0
175	4.6	3.8	5.6

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