

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121318\
 Data File : VL032989.D
 Acq On : 13 Dec 2018 18:57
 Operator : SY/AP
 Sample : J6382-01DUP 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
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 12/14/2018 11:19:08 AM

Quant Time: Dec 14 10:26:14 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	1118776	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3050820	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2907348	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2227808	10.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds					Ovalue
9) Propene	3.06	41	5763m	0.172	ppbv
13) Ethanol	3.67	45	19190m	1.664	ppbv
15) Acetone	3.91	43	138490	1.442	ppbv
53) Toluene	9.95	91	68357	0.287	ppbv

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

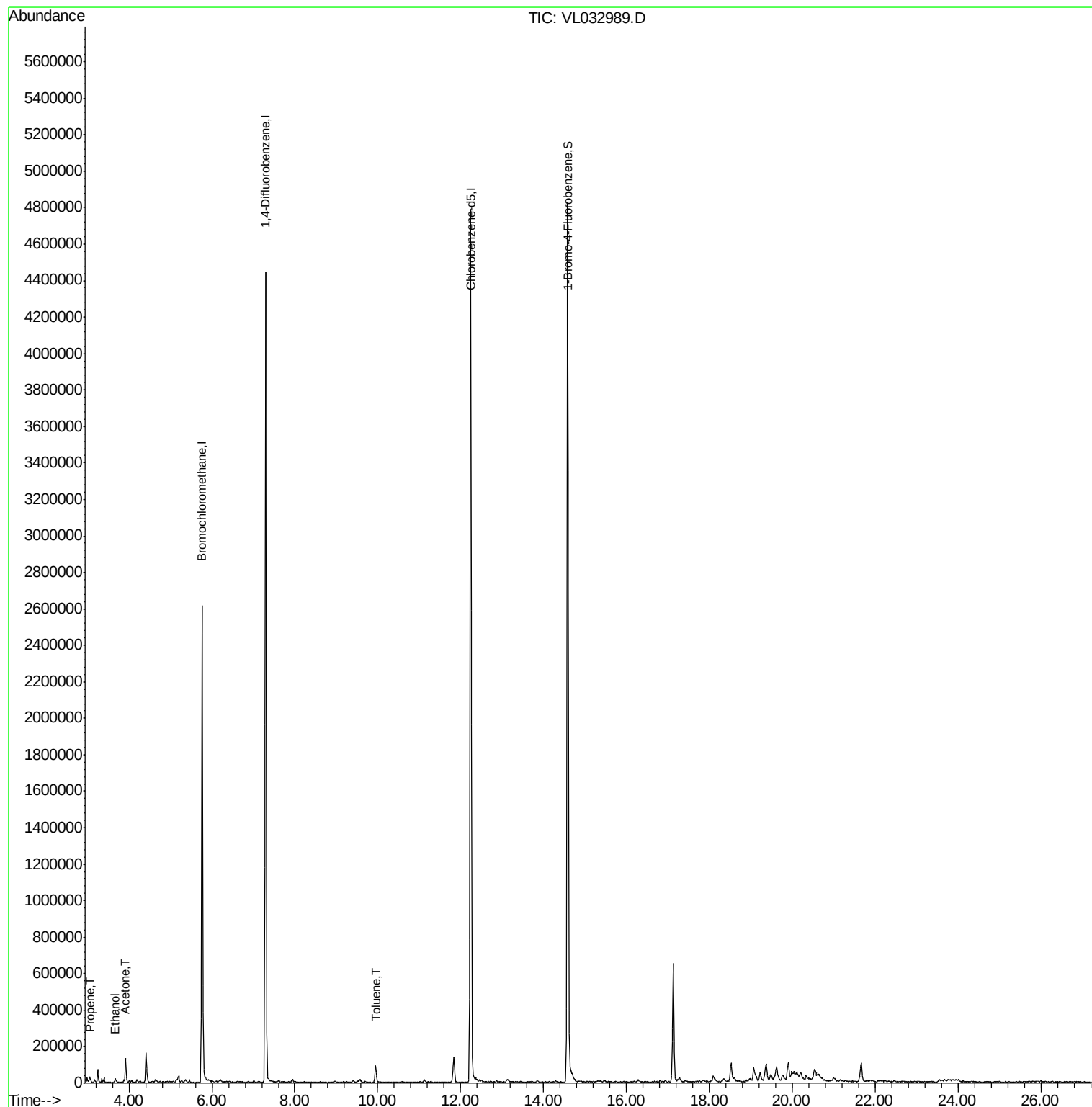
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121318\
Data File : VL032989.D
Acq On : 13 Dec 2018 18:57
Operator : SY/AP
Sample : J6382-01DUP 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

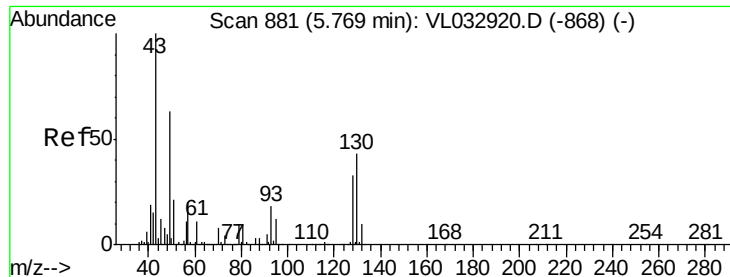
Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01DUP

Quant Time: Dec 14 10:26:14 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: VL032989.D

Acq: 13 Dec 2018 18:57

Instrument :

MSVOA_L

ClientSampleId :

P00131-SG001-181212-01DUP

Tot Ion: 49 Resp: 1118776

Ion Ratio Lower Upper

49 100

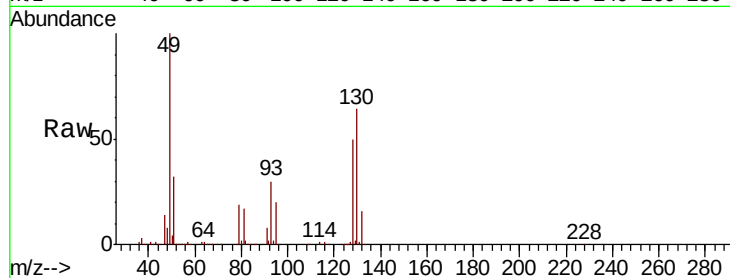
128 51.6 26.3 78.8

130 66.1 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

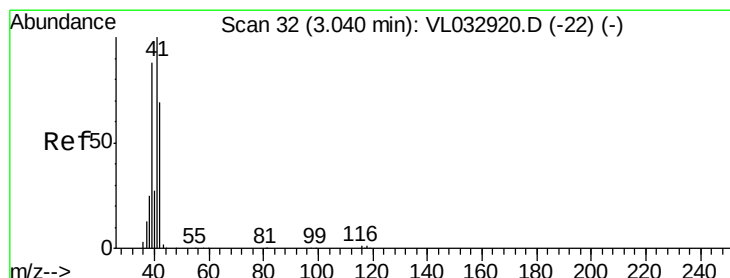
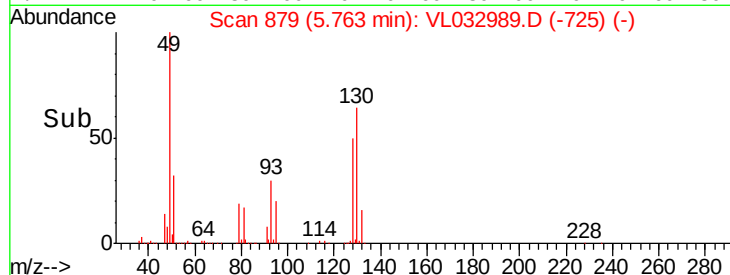
200000

0

5.76

5.70 5.75 5.80 5.85

Time-->



#9

Propene

Concen: 0.172 ppbv m

RT: 3.06 min Scan# 37

Delta R.T. 0.02 min

Lab File: VL032989.D

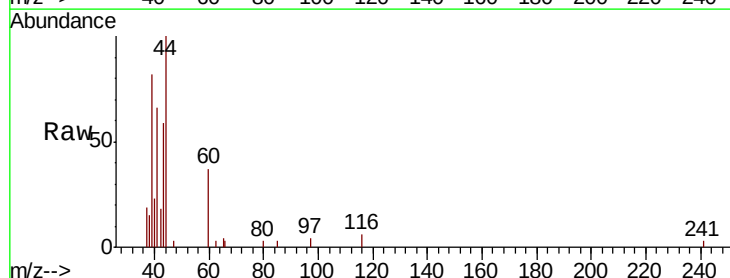
Acq: 13 Dec 2018 18:57

Tgt Ion: 41 Resp: 5763

Ion Ratio Lower Upper

41 100

42 0.0 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

4000

3000

2000

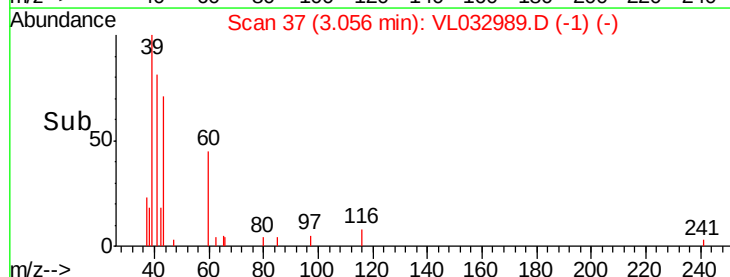
1000

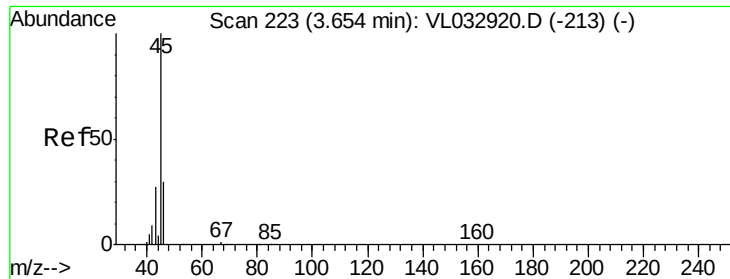
0

3.06

3.00 3.05 3.10

Time-->





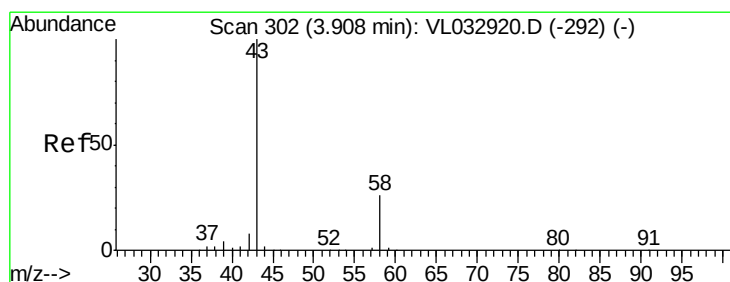
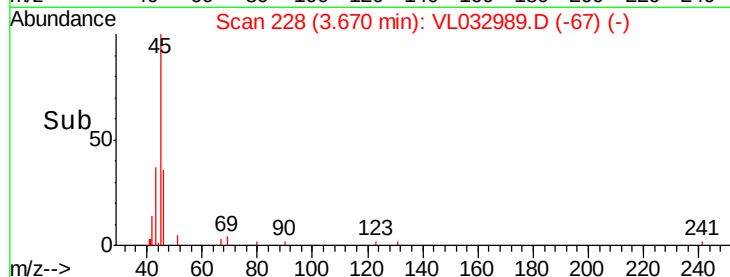
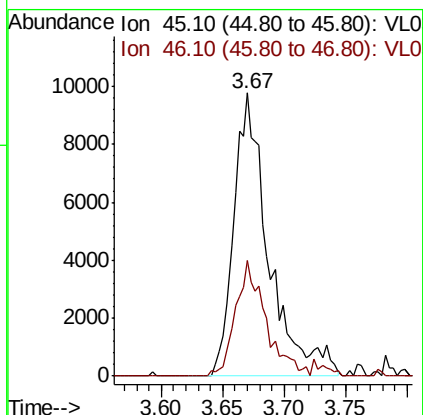
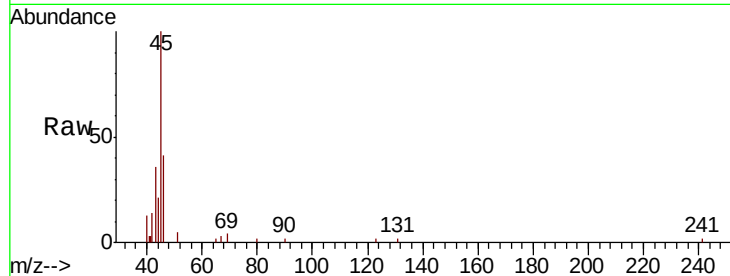
#13
Ethanol
Concen: 1.664 ppbv m
RT: 3.67 min Scan# 228
Delta R.T. 0.02 min
Lab File: VL032989.D
Acq: 13 Dec 2018 18:57

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

Tot Ion: 45 Resp: 19190
Ion Ratio Lower Upper
45 100
46 37.7 13.8 55.4

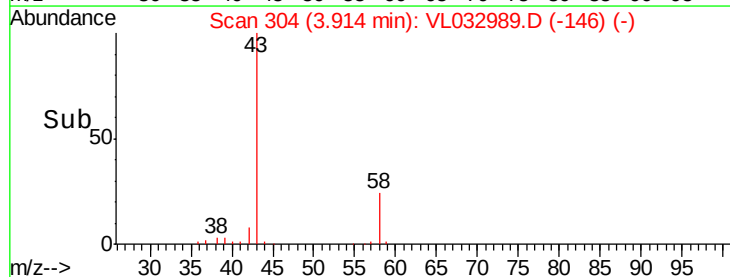
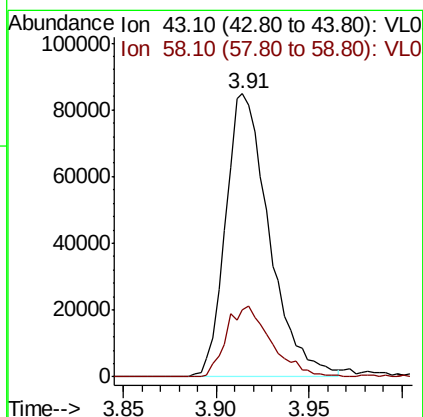
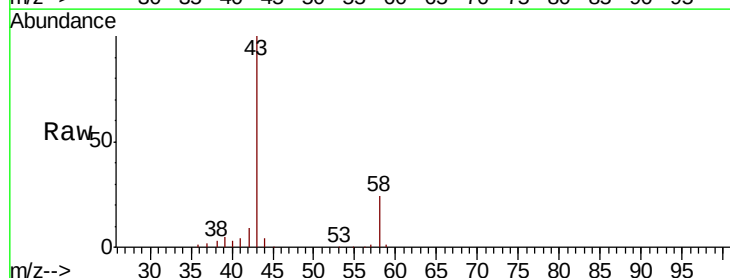
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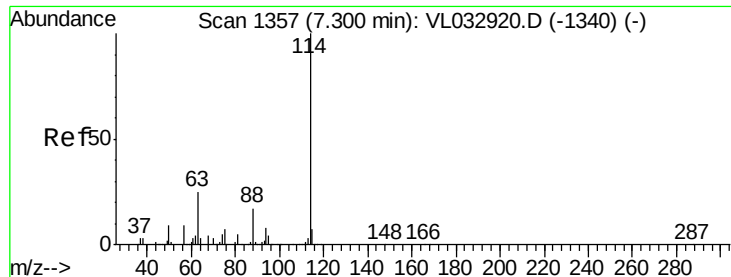
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#15
Acetone
Concen: 1.442 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.01 min
Lab File: VL032989.D
Acq: 13 Dec 2018 18:57

Tgt Ion: 43 Resp: 138490
Ion Ratio Lower Upper
43 100
58 25.7 20.6 30.8





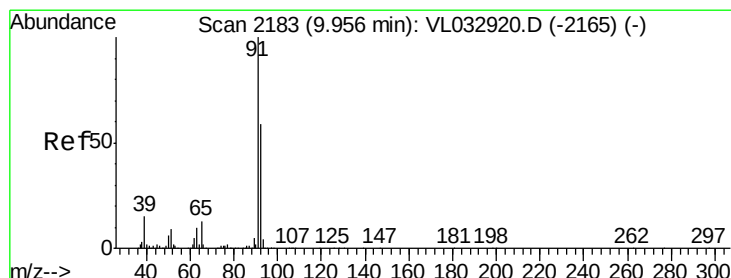
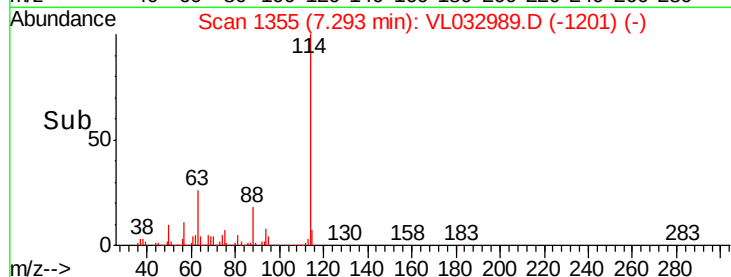
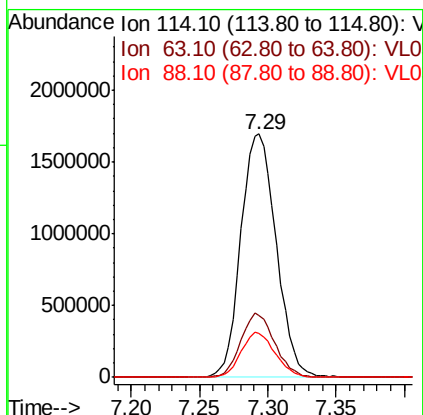
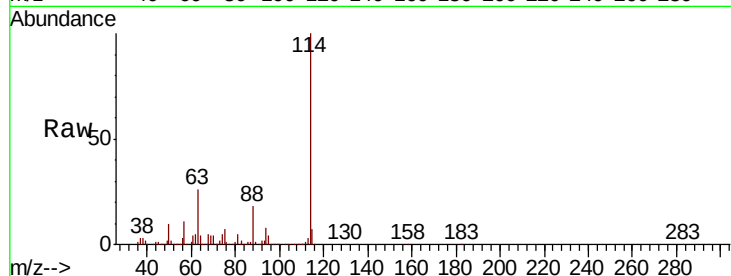
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL032989.D
 Acq: 13 Dec 2018 18:57

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.1	30.1
88	17.8	14.2	21.4

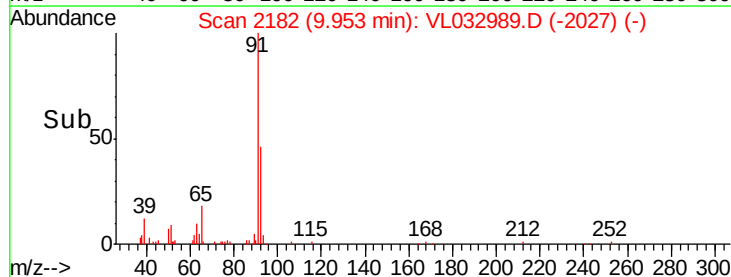
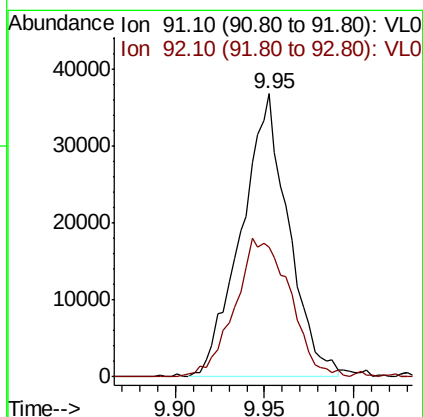
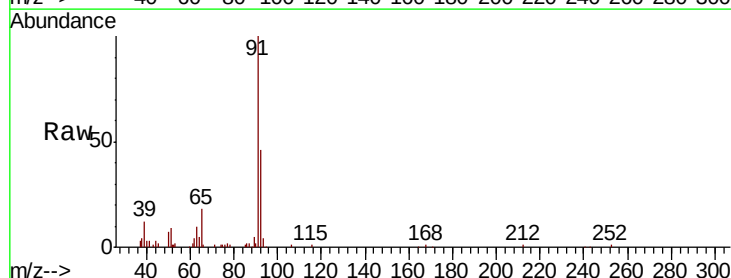
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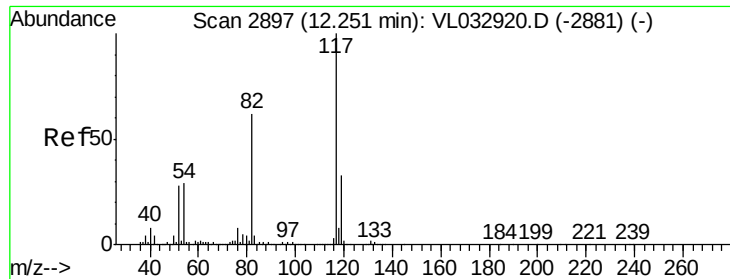
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#53
 Toluene
 Concen: 0.287 ppbv
 RT: 9.95 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: VL032989.D
 Acq: 13 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.4	47.4	71.0





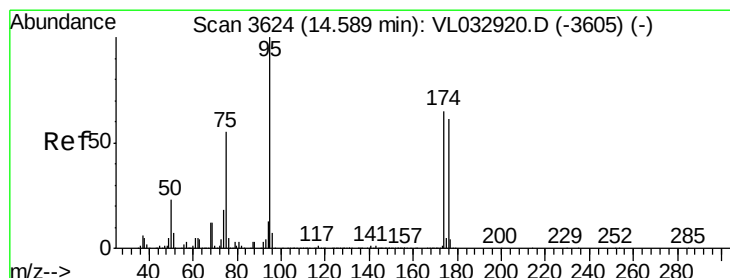
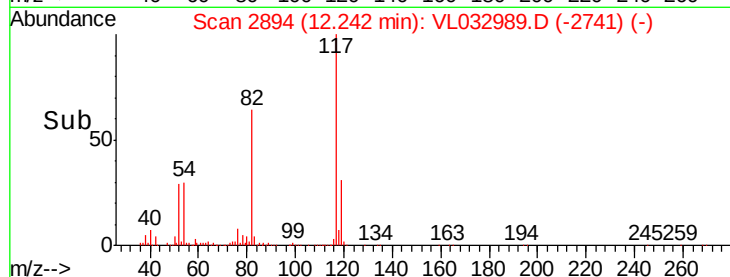
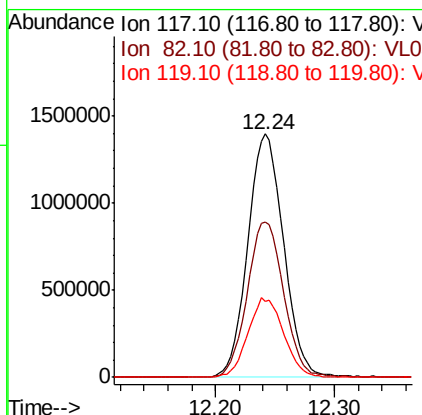
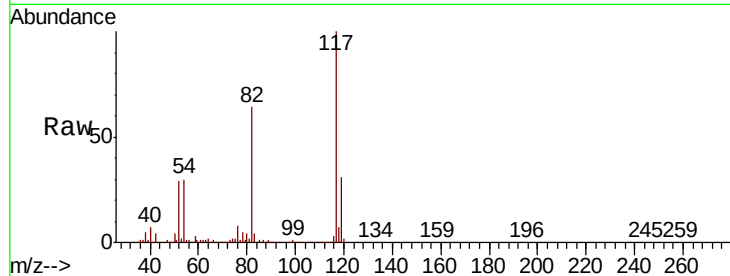
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032989.D
Acq: 13 Dec 2018 18:57

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.1	47.8	71.8
119	32.8	43.1	64.7

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.372 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032989.D
Acq: 13 Dec 2018 18:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.9	51.4	77.0
175	4.7	3.8	5.6

