

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081618\
 Data File : VL032388.D
 Acq On : 16 Aug 2018 22:23
 Operator : SY/AP
 Sample : J4457-06DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG05-MIVIDL

Manual Integrations
 APPROVED

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Quant Time: Aug 22 16:37:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 15 14:58:02 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1831944	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3491372	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.31	117	3356281	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2598739	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.07	41	141606	1.95	ppbv	94
13) Ethanol	3.70	45	17496m	0.94	ppbv	
15) Acetone	3.94	43	5913071	33.97	ppbv	100
19) Isopropyl Alcohol	4.07	45	5267648	44.94	ppbv #	99
26) Hexane	5.83	57	21861	0.13	ppbv #	39
34) 2-Butanone	5.39	43	55198	0.23	ppbv	95

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

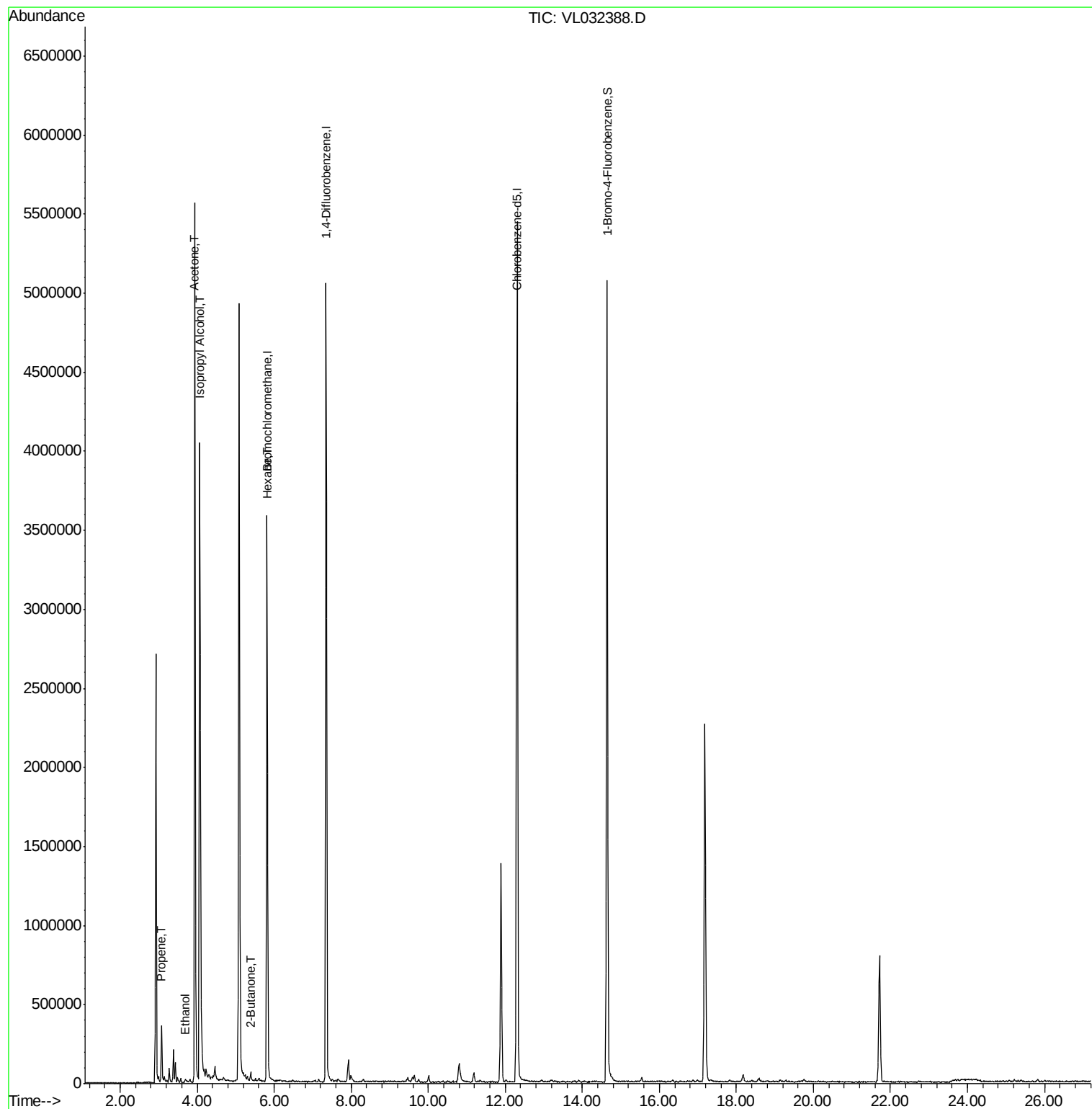
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081618\
Data File : VL032388.D
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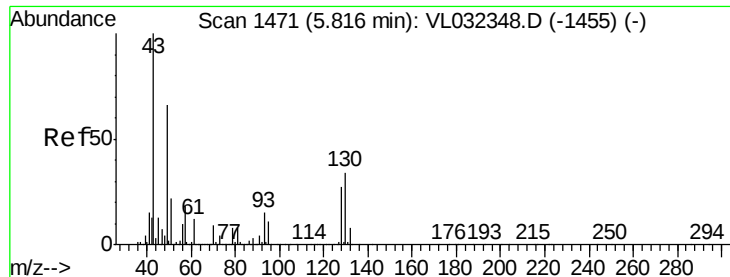
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.82 min Scan# 1471

Delta R.T. 0.00 min

Lab File: VL032388.D

Acq: 16 Aug 2018 22:23

Instrument :

MSVOA_L

ClientSampleId :

SG05-MIVIDL

Tot Ion: 49 Resp: 1831944

Ion Ratio Lower Upper

49 100

128 40.0 20.5 61.6

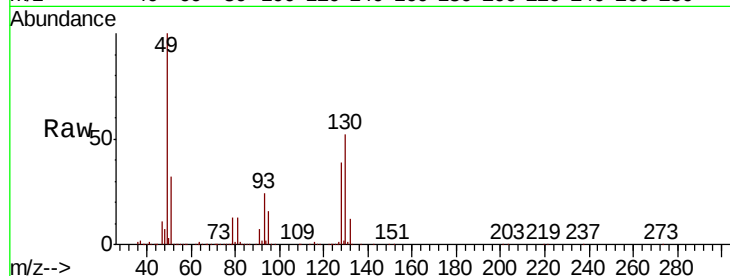
130 51.5 26.2 78.5

Manual Integrations

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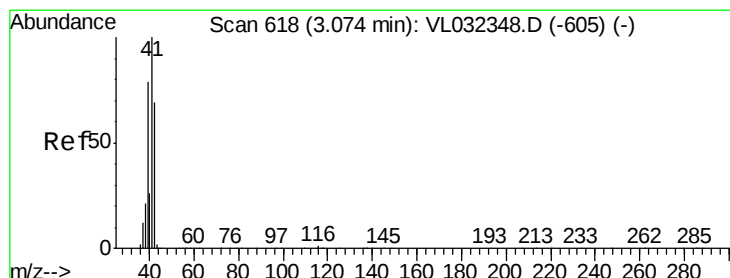
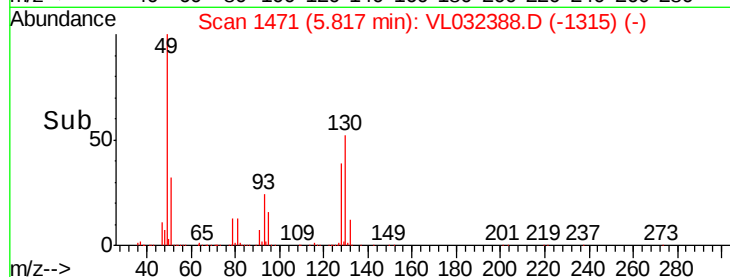
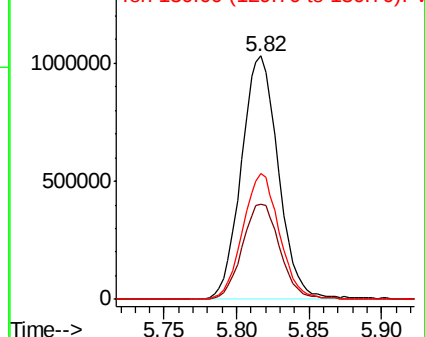
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 1.95 ppbv

RT: 3.07 min Scan# 618

Delta R.T. 0.00 min

Lab File: VL032388.D

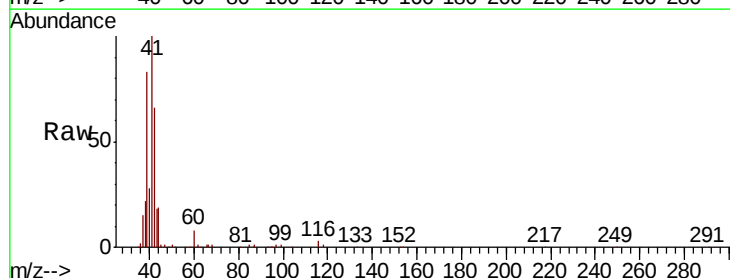
Acq: 16 Aug 2018 22:23

Tgt Ion: 41 Resp: 141606

Ion Ratio Lower Upper

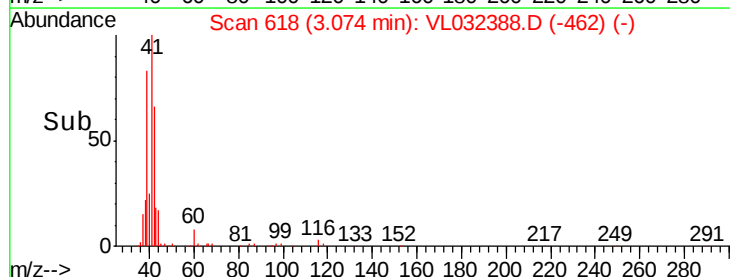
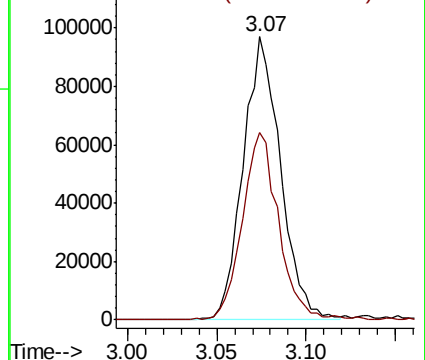
41 100

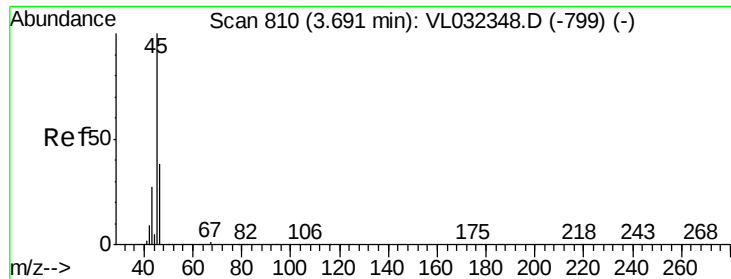
42 64.9 55.9 83.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





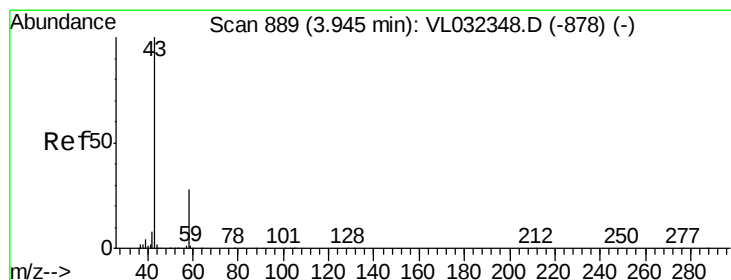
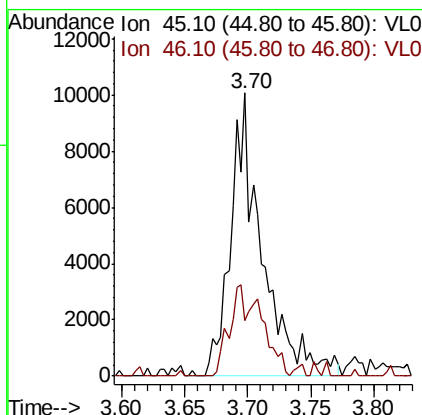
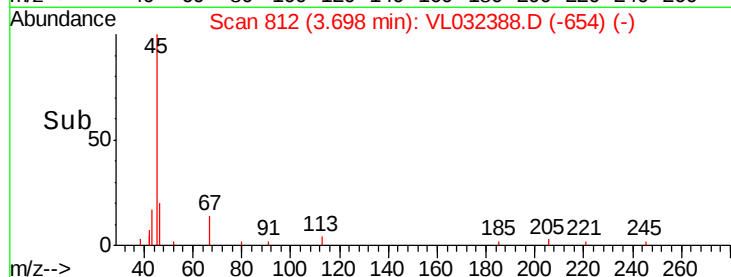
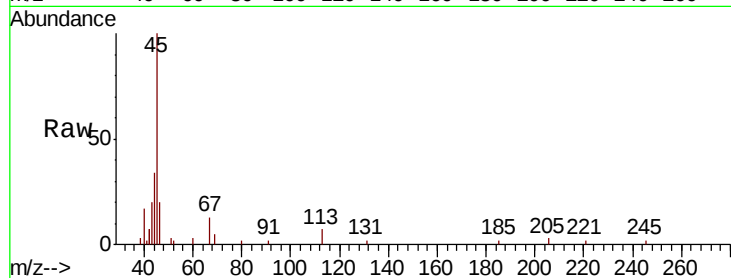
#13
Ethanol
Concen: 0.94 ppbv m
RT: 3.70 min Scan# 812
Delta R.T. 0.01 min
Lab File: VL032388.D
Acq: 16 Aug 2018 22:23

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVIDL

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.6	62.4#

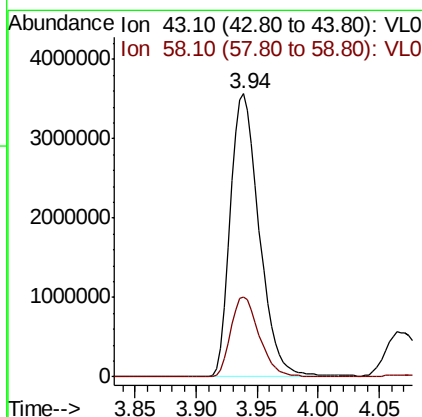
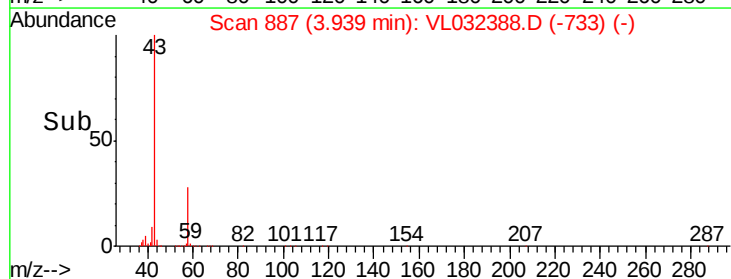
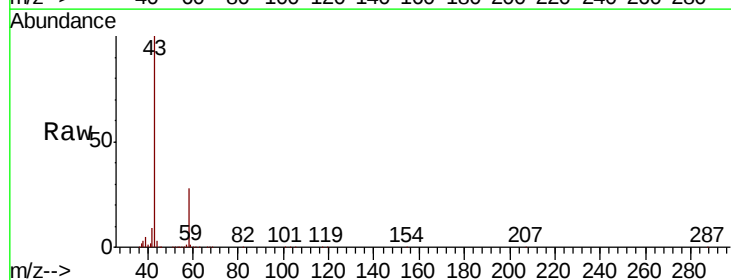
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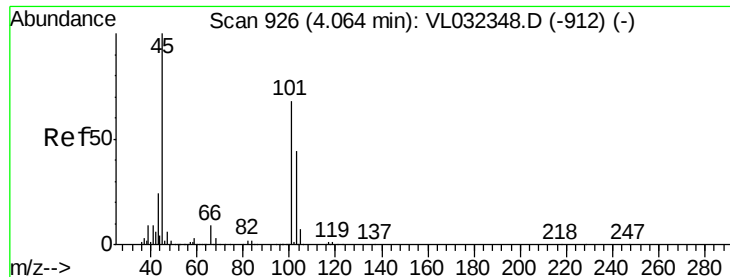
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#15
Acetone
Concen: 33.97 ppbv
RT: 3.94 min Scan# 887
Delta R.T. -0.01 min
Lab File: VL032388.D
Acq: 16 Aug 2018 22:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.4	33.6





#19

Isopropyl Alcohol

Concen: 44.94 ppbv

RT: 4.07 min Scan# 927

Delta R.T. 0.00 min

Lab File: VL032388.D

Acq: 16 Aug 2018 22:23

Instrument :

MSVOA_L

ClientSampled :

SG05-MIVIDL

Tot Ion: 45 Resp: 5267648

Ion Ratio Lower Upper

45 100

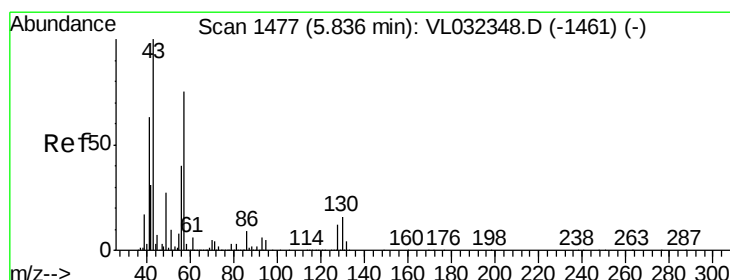
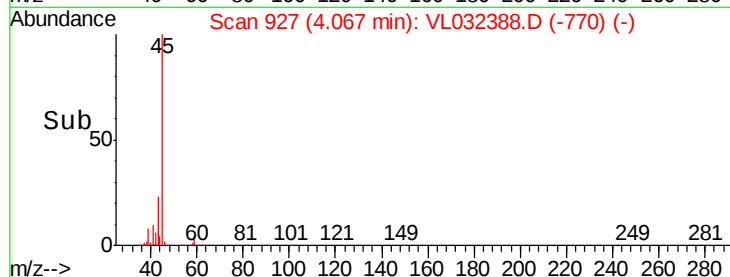
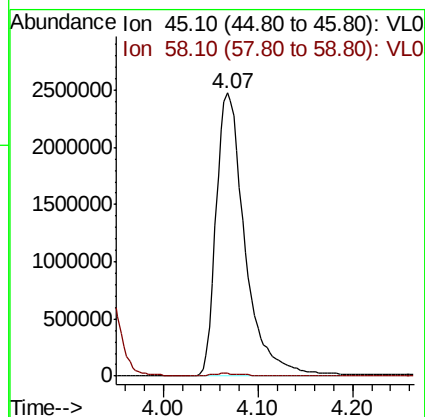
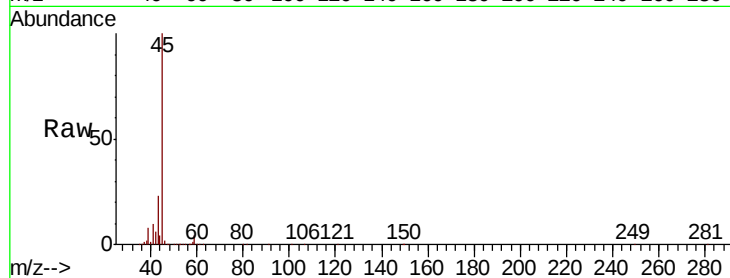
58 1.3 1.4 2.0#

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#26

Hexane

Concen: 0.13 ppbv

RT: 5.83 min Scan# 1475

Delta R.T. -0.01 min

Lab File: VL032388.D

Acq: 16 Aug 2018 22:23

Tgt Ion: 57 Resp: 21861

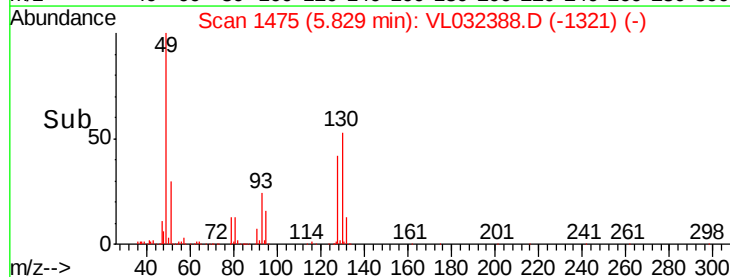
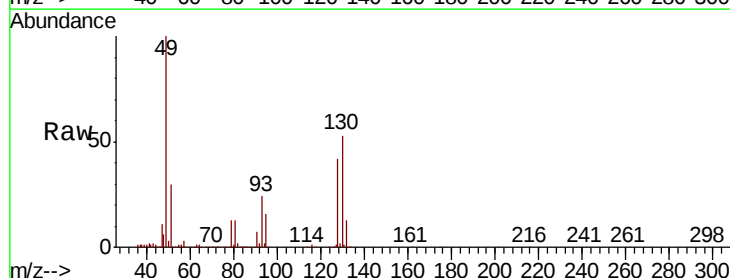
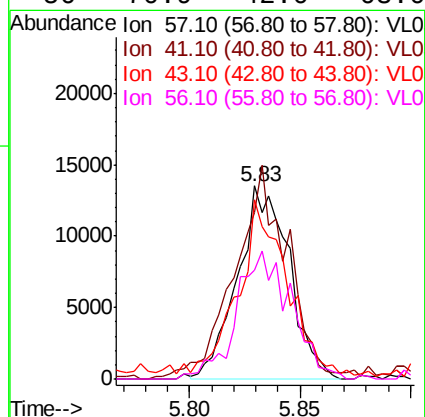
Ion Ratio Lower Upper

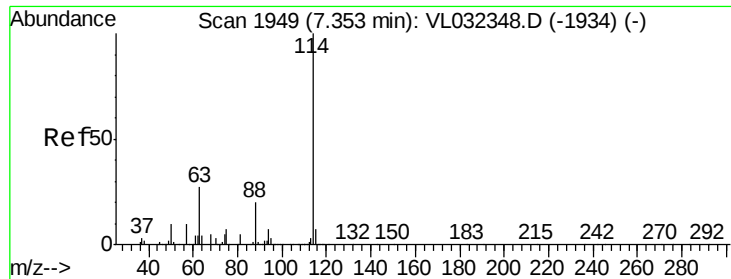
57 100

41 115.5 68.0 102.0#

43 90.6 175.3 262.9#

56 70.9 42.0 63.0#





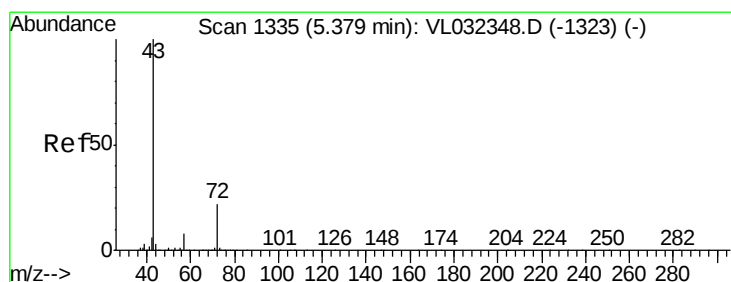
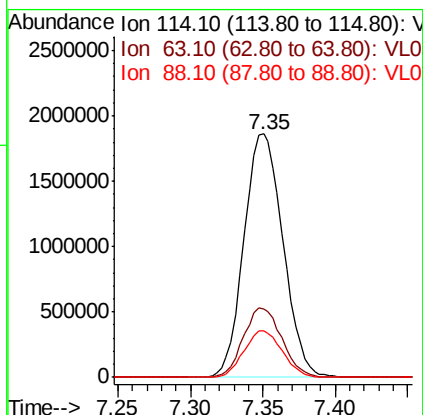
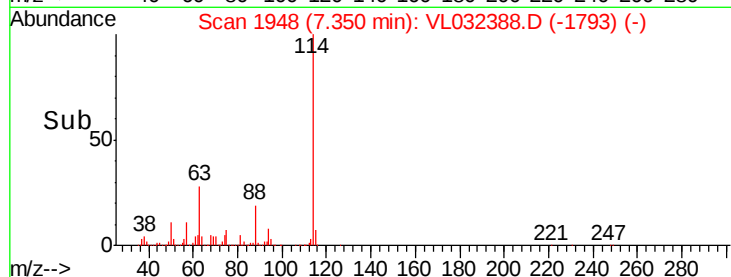
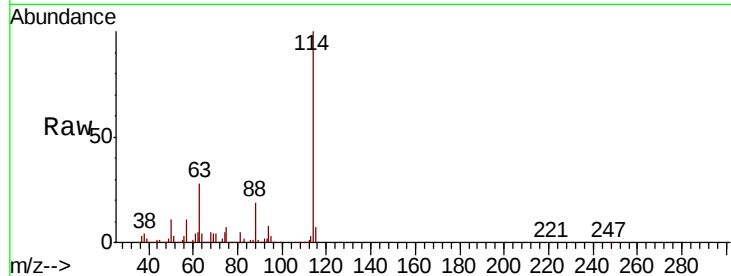
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.35 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: VL032388.D
 Acq: 16 Aug 2018 22:23

Instrument :
 MSVOA_L
 ClientSampleID :
 SG05-MIVIDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.0	33.0
88	19.0	15.3	22.9

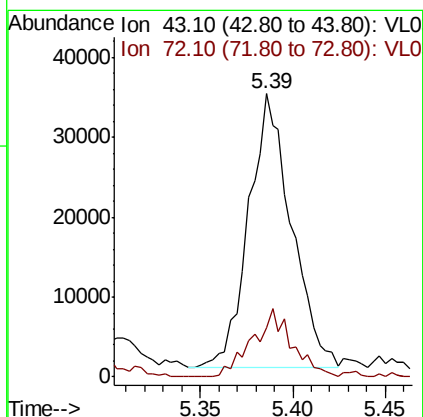
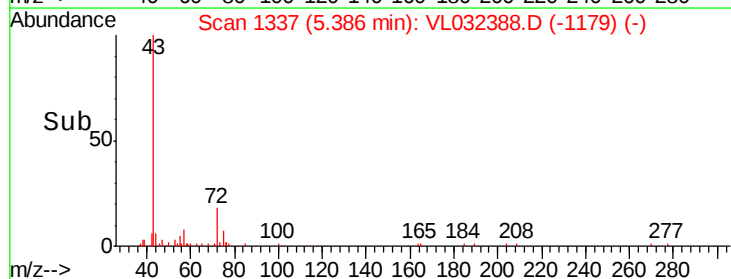
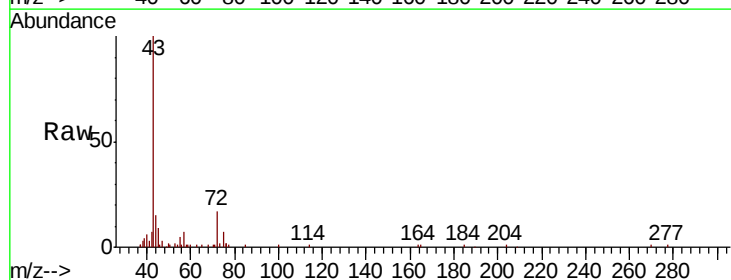
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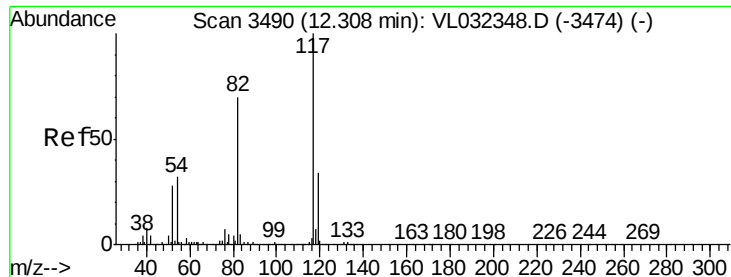
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#34
 2-Butanone
 Concen: 0.23 ppbv
 RT: 5.39 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: VL032388.D
 Acq: 16 Aug 2018 22:23

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.6	17.9	26.9





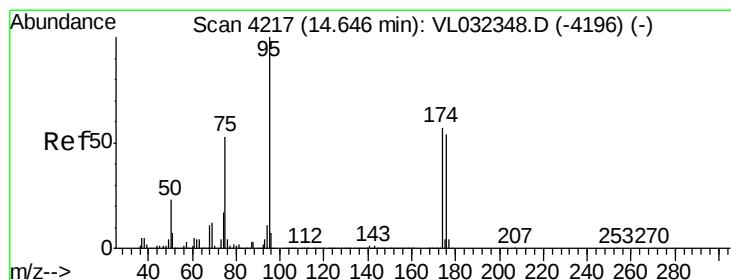
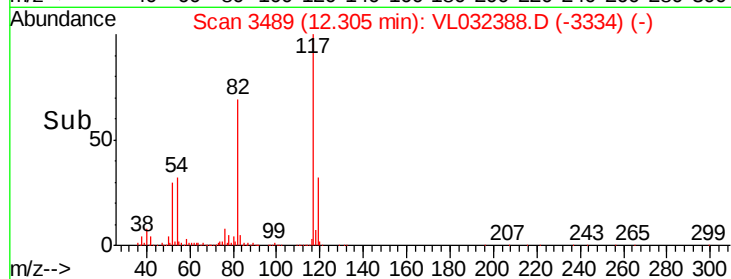
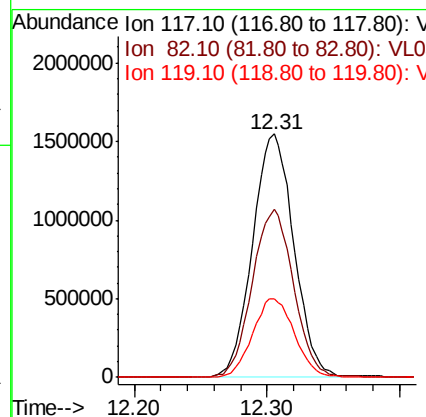
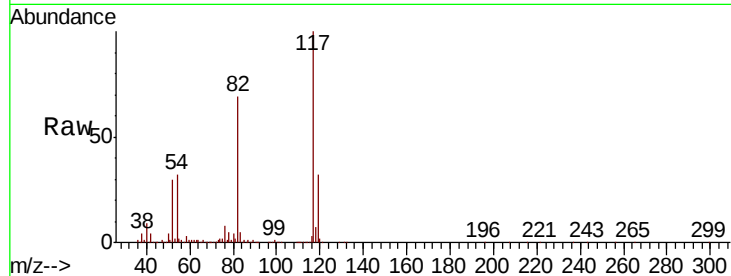
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.31 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VL032388.D
Acq: 16 Aug 2018 22:23

Instrument :
MSVOA_L
ClientSampleId :
SG05-MIVIDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.8	55.1	82.7
119	33.0	46.0	69.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.15 ppbv
RT: 14.64 min Scan# 4216
Delta R.T. -0.00 min
Lab File: VL032388.D
Acq: 16 Aug 2018 22:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	55.7	46.2	69.4
175	4.0	3.4	5.0

