

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082018\
 Data File : VL032419.D
 Acq On : 21 Aug 2018 11:33
 Operator : SY/AP
 Sample : J4576-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 10:50:42 AM

Quant Time: Aug 21 11:59:48 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	5.81	49	1736766	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3377602	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3315927	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.63	95	2517124	9.95	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.08	41	24430m	0.35	ppbv	
13) Ethanol	3.69	45	590149	33.37	ppbv	98
15) Acetone	3.95	43	420552	2.55	ppbv	99
17) tert-Butyl alcohol	4.42	59	10895	0.39	ppbv #	94
19) Isopropyl Alcohol	4.08	45	47176	0.42	ppbv #	82
34) 2-Butanone	5.39	43	37084m	0.16	ppbv	

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

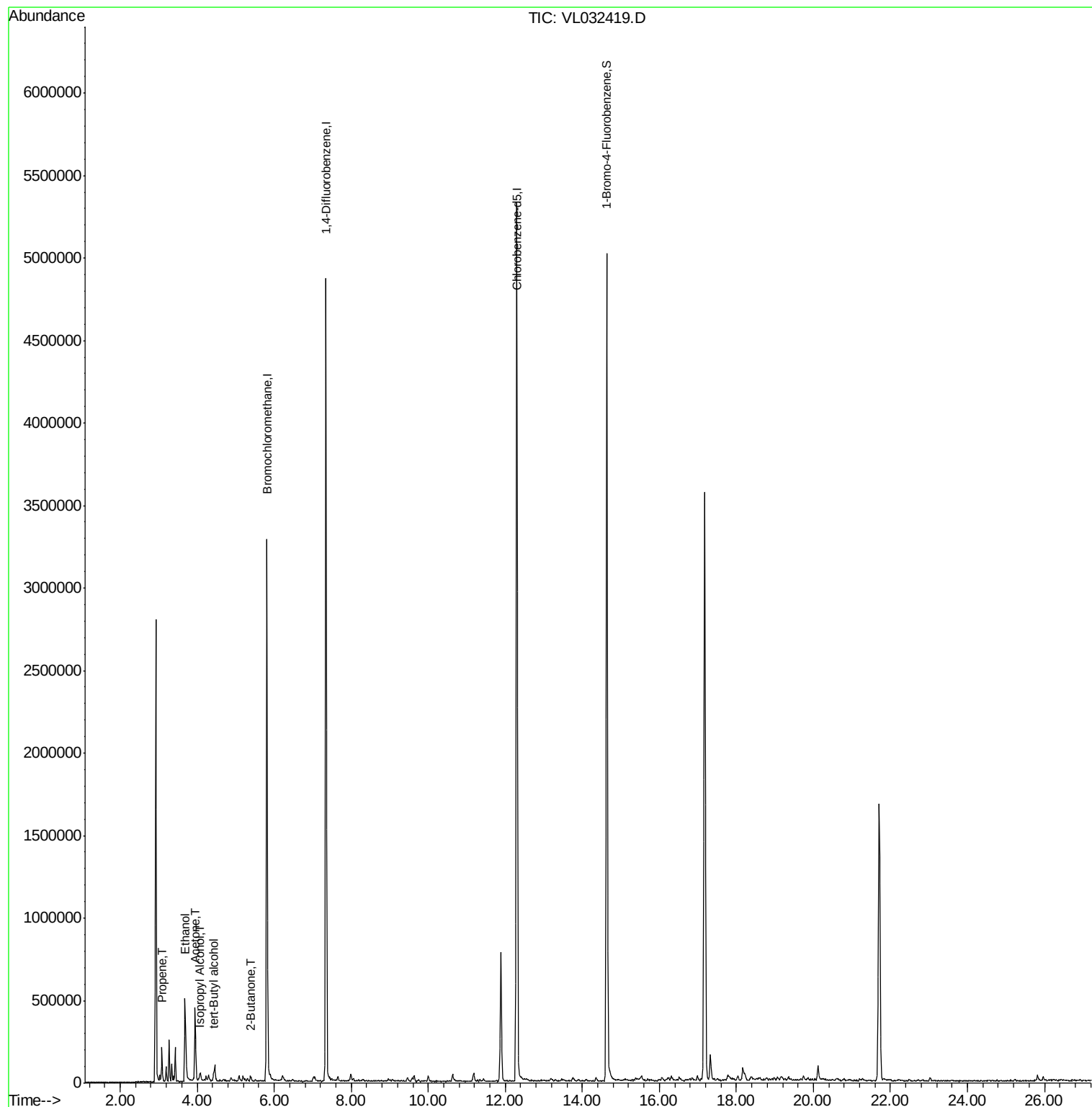
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL082018\
Data File : VL032419.D
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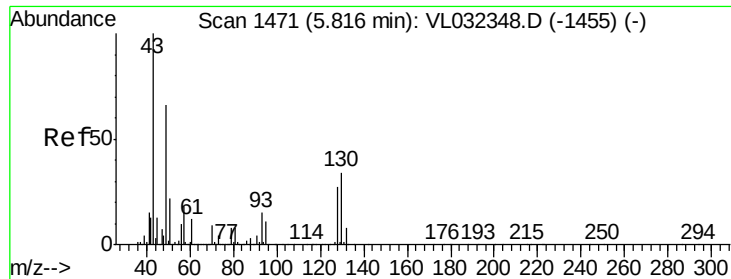
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.81 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VL032419.D

Acq: 21 Aug 2018 11:33

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tot Ion: 49 Resp: 1736766

Ion Ratio Lower Upper

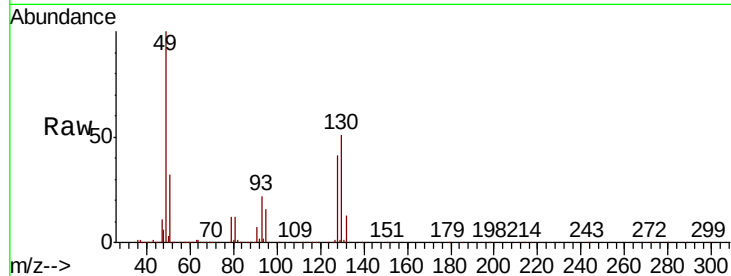
49 100

128 41.0 20.5 61.6

130 52.1 26.2 78.5

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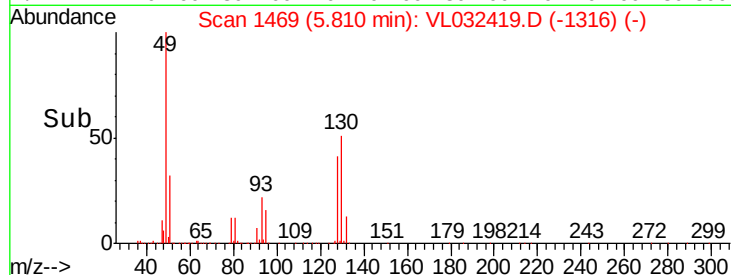


Abundance Ion 49.10 (48.80 to 49.80): VL0

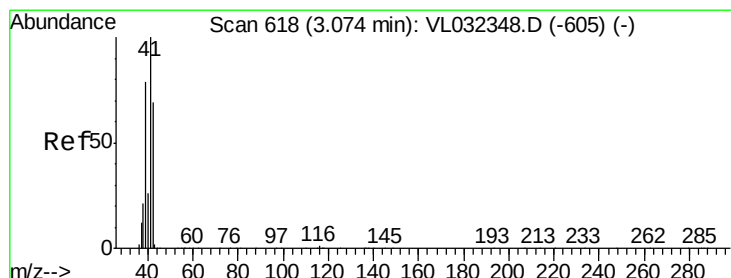
Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



Time-->



#9

Propene

Concen: 0.35 ppbv m

RT: 3.08 min Scan# 621

Delta R.T. 0.01 min

Lab File: VL032419.D

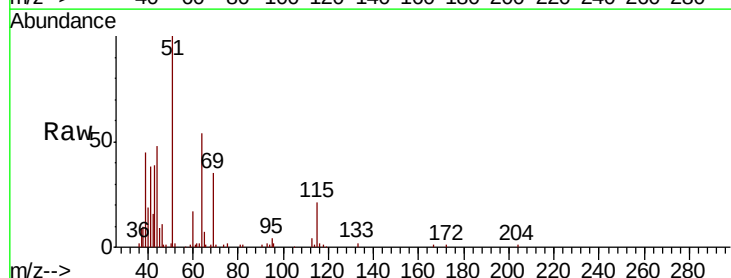
Acq: 21 Aug 2018 11:33

Tgt Ion: 41 Resp: 24430

Ion Ratio Lower Upper

41 100

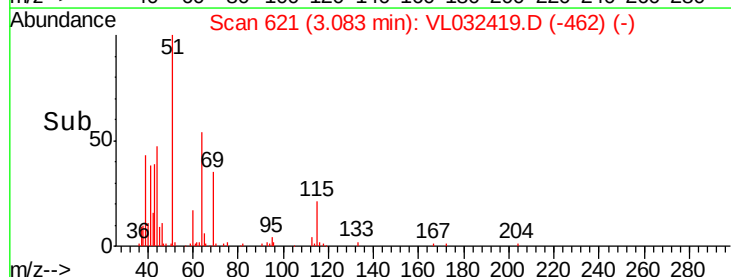
42 185.9 55.9 83.9#



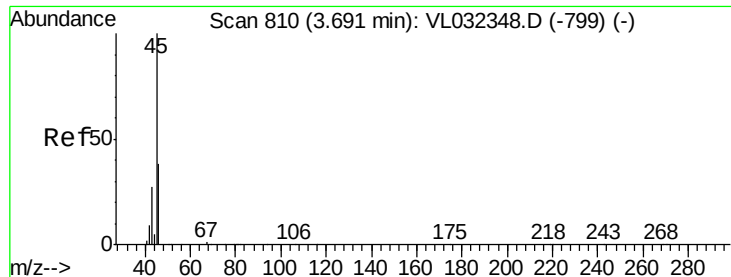
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Time-->



Time-->



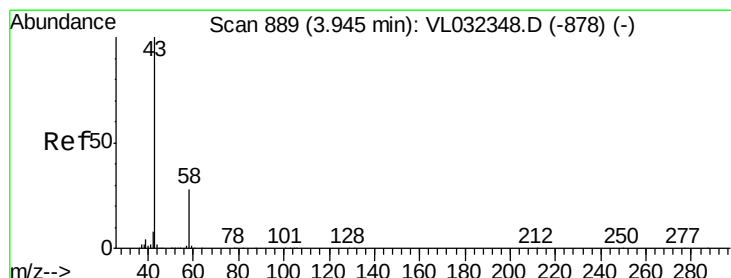
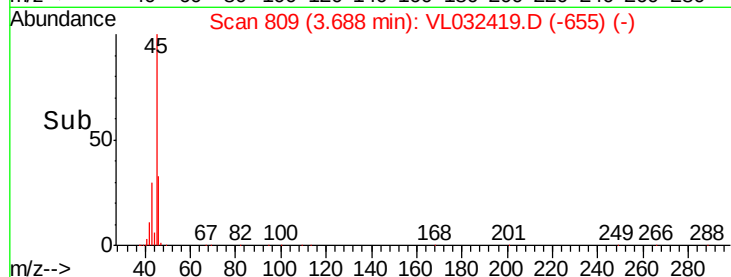
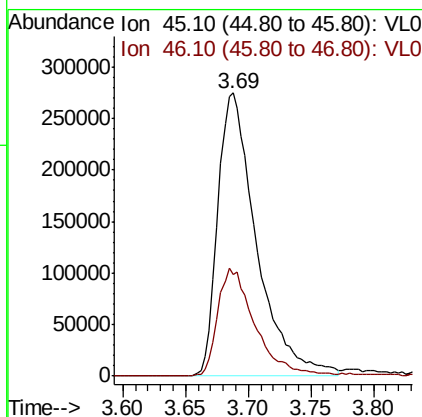
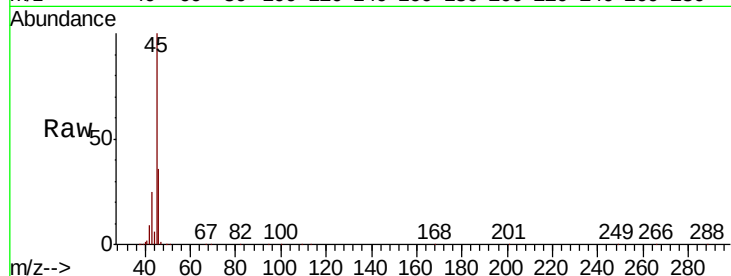
#13
Ethanol
Concen: 33.37 ppbv
RT: 3.69 min Scan# 809
Delta R.T. -0.00 min
Lab File: VL032419.D
Acq: 21 Aug 2018 11:33

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tot Ion	45	Resp	590149
Ion Ratio	100	Lower	Upper
46	37.8	15.6	62.4

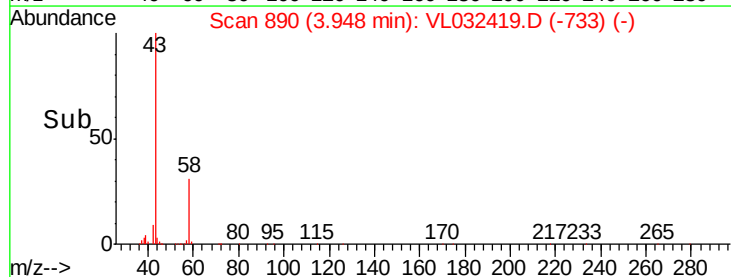
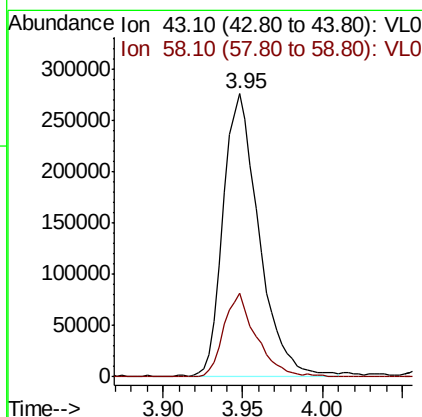
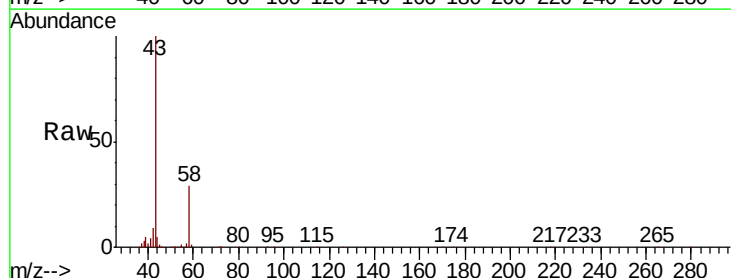
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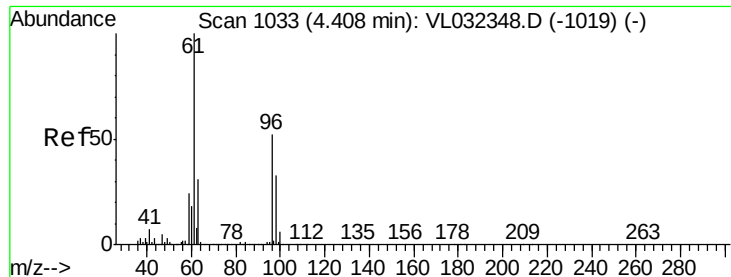
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#15
Acetone
Concen: 2.55 ppbv
RT: 3.95 min Scan# 890
Delta R.T. 0.00 min
Lab File: VL032419.D
Acq: 21 Aug 2018 11:33

Tgt Ion	43	Resp	420552
Ion Ratio	100	Lower	Upper
58	27.3	22.4	33.6





#17

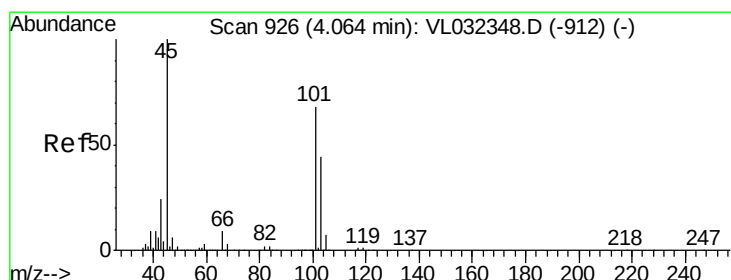
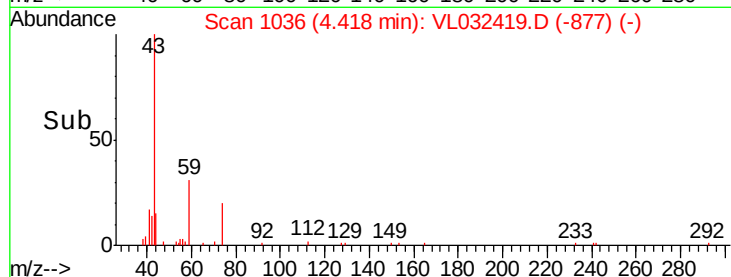
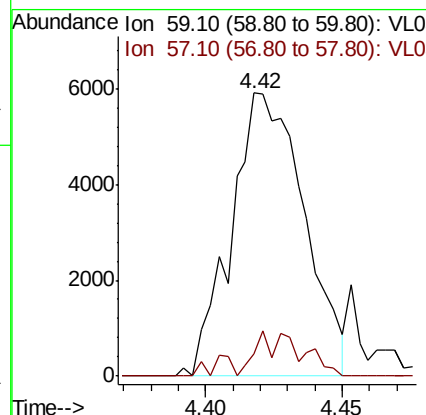
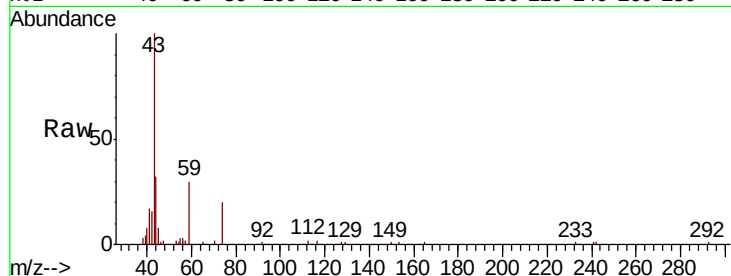
tert-Butyl alcohol
Concen: 0.39 ppbv
RT: 4.42 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VL032419.D
Acq: 21 Aug 2018 11:33

Instrument :
MSVOA_L
ClientSampled :
IA1DL

Tot Ion: 59 Resp: 10895
Ion Ratio Lower Upper
59 100
57 11.6 7.6 11.4#

Manual Integrations
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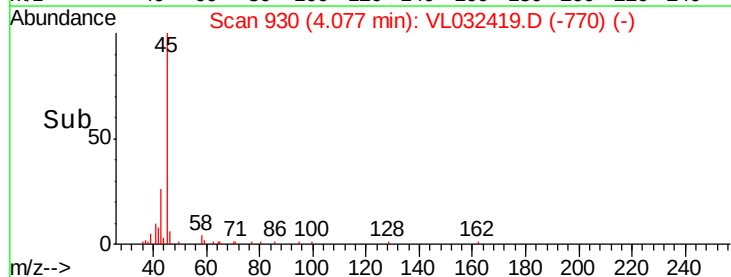
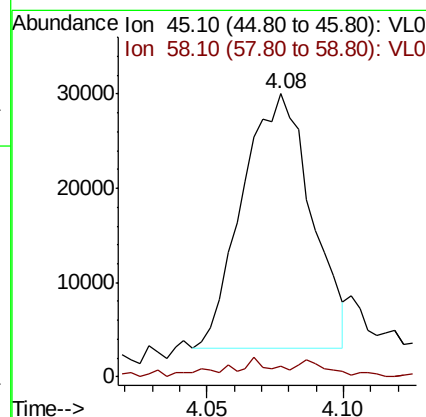
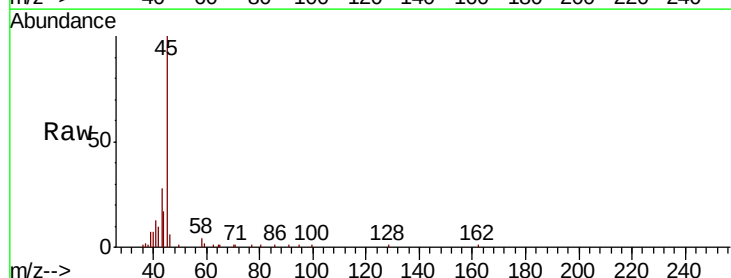
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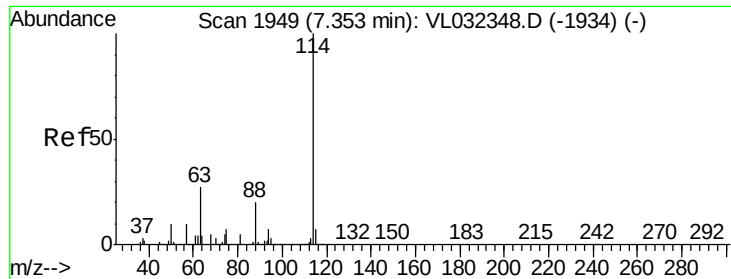


#19

Isopropyl Alcohol
Concen: 0.42 ppbv
RT: 4.08 min Scan# 930
Delta R.T. 0.01 min
Lab File: VL032419.D
Acq: 21 Aug 2018 11:33

Tgt Ion: 45 Resp: 47176
Ion Ratio Lower Upper
45 100
58 8.2 1.4 2.0#





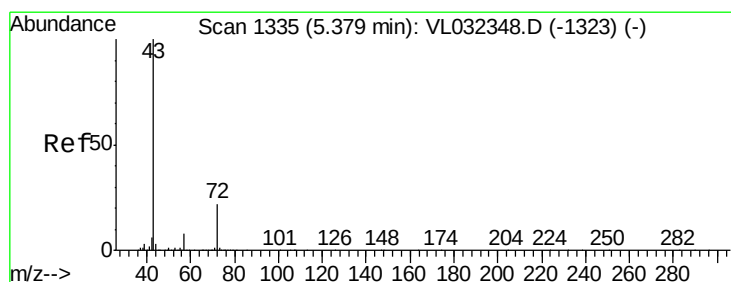
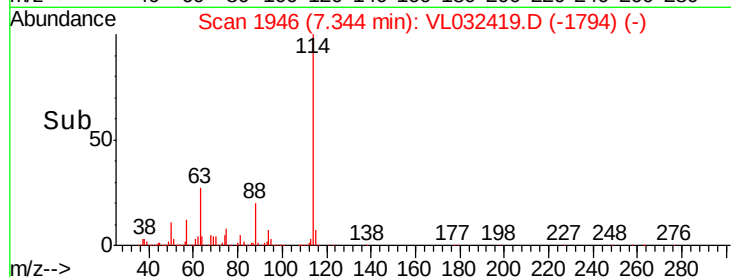
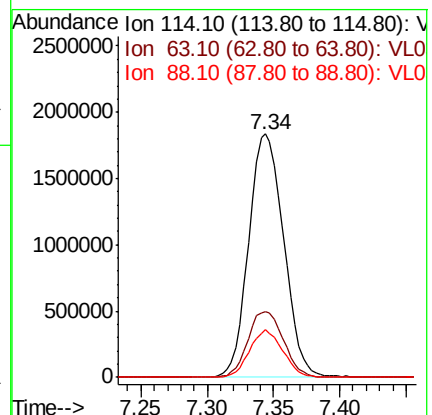
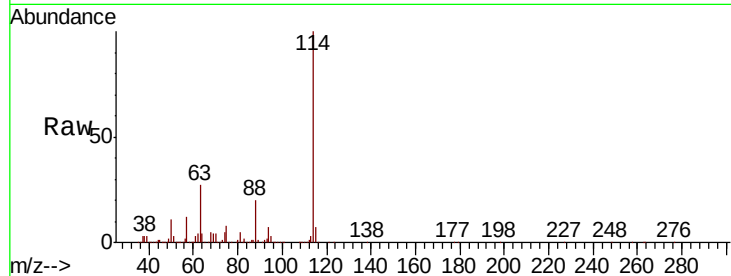
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.34 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: VL032419.D
 Acq: 21 Aug 2018 11:33

Instrument :
 MSVOA_L
 ClientSampleID :
 IA1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.0	33.0
88	18.7	15.3	22.9

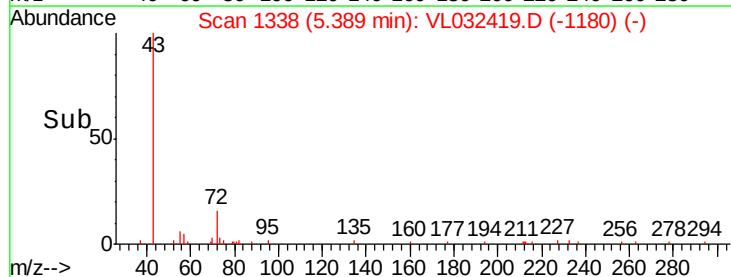
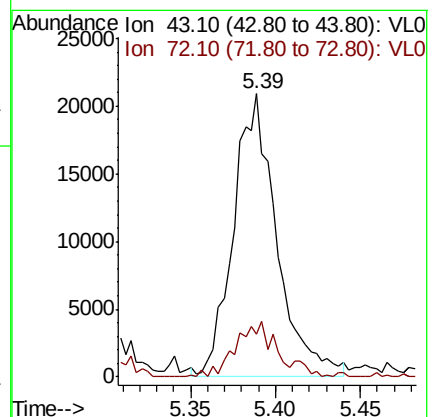
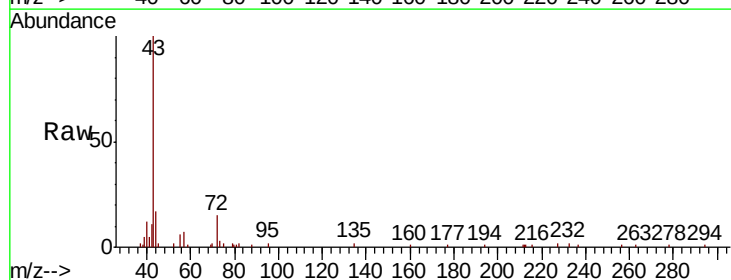
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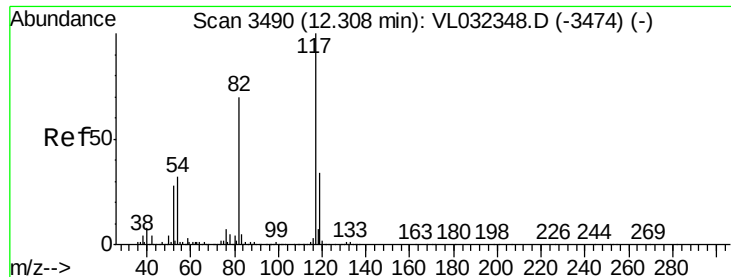
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#34
 2-Butanone
 Concen: 0.16 ppbv m
 RT: 5.39 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: VL032419.D
 Acq: 21 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.9	26.9#





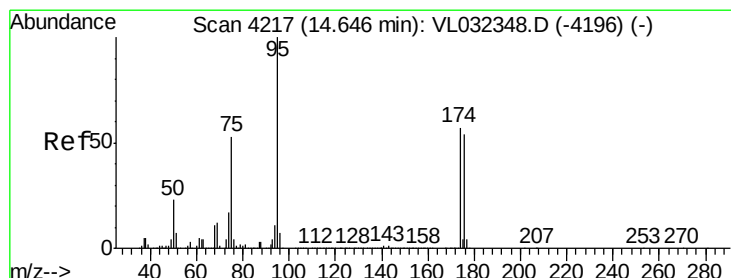
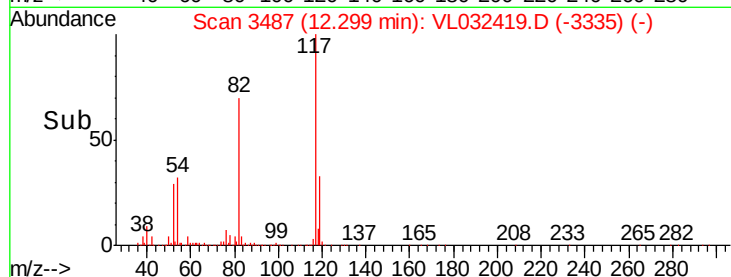
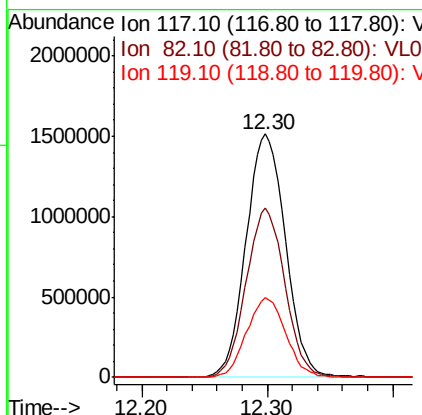
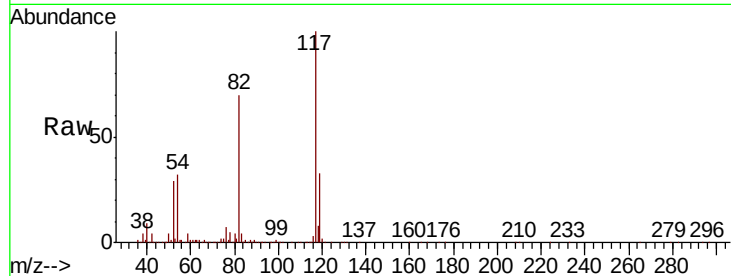
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3487
Delta R.T. -0.01 min
Lab File: VL032419.D
Acq: 21 Aug 2018 11:33

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.5	55.1	82.7
119	32.5	46.0	69.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.95 ppbv
RT: 14.63 min Scan# 4213
Delta R.T. -0.01 min
Lab File: VL032419.D
Acq: 21 Aug 2018 11:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.8	46.2	69.4
175	4.1	3.4	5.0

