

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034267.D
 Acq On : 9 Oct 2019 3:09
 Operator : SY/AP
 Sample : K5243-03DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

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 10/11/2019 5:08:06 PM

Quant Time: Oct 09 06:41:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1146493	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1923034	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1858664	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1671958	10.35	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	51216	0.302	ppbv	94
9) Propene	3.00	41	38566m	0.581	ppbv	
13) Ethanol	3.59	45	794656	49.480	ppbv	95
15) Acetone	3.84	43	667674	4.345	ppbv	98
19) Isopropyl Alcohol	3.97	45	641626	6.790	ppbv #	98
30) Cyclohexane	7.17	84	21327m	0.244	ppbv	

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

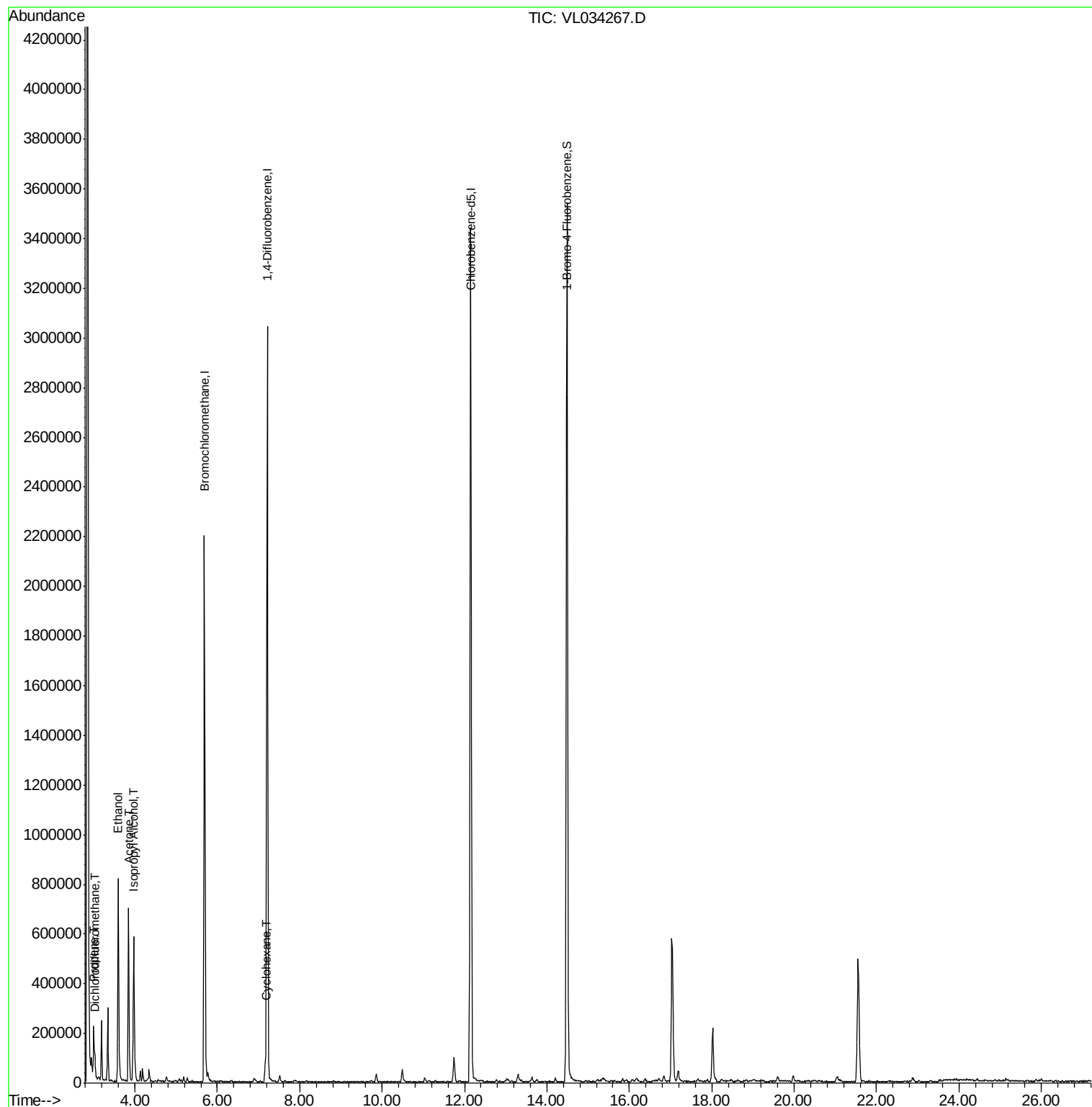
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
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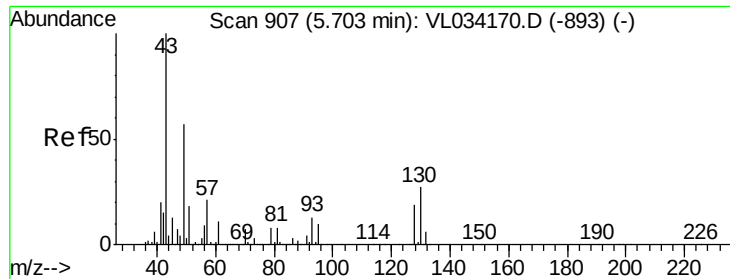
Instrument :
MSVOA_L
ClientSampled :
IA2DL

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Quant Time: Oct 09 06:41:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.02 min

Lab File: VL034267.D

Acq: 9 Oct 2019 3:09

Instrument :

MSVOA_L

ClientSampled :

IA2DL

Tgt Ion: 49 Resp: 1146493

Ion Ratio Lower Upper

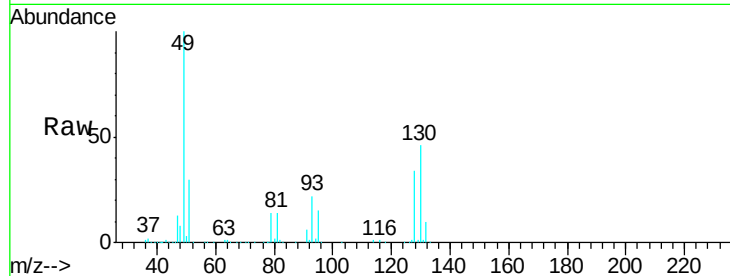
49 100

128 34.8 17.6 52.9

130 45.7 22.3 66.9

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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

5.69

800000

600000

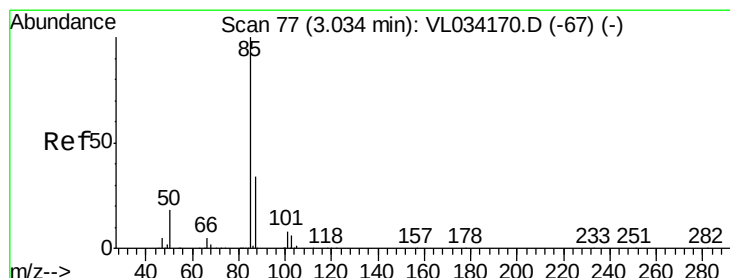
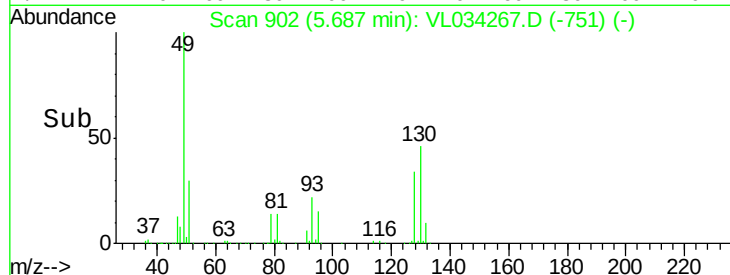
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 0.302 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.00 min

Lab File: VL034267.D

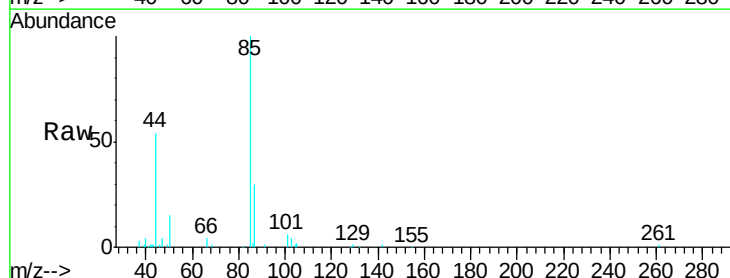
Acq: 9 Oct 2019 3:09

Tgt Ion: 85 Resp: 51216

Ion Ratio Lower Upper

85 100

87 30.5 27.2 40.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.03

50000

40000

30000

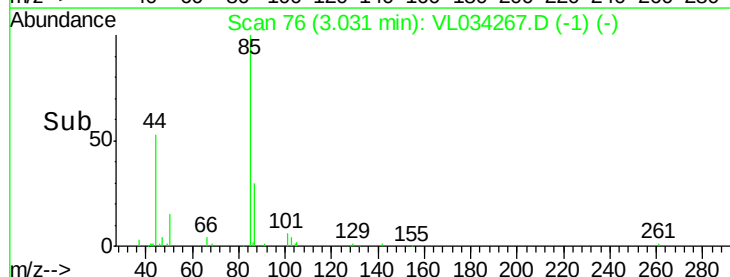
20000

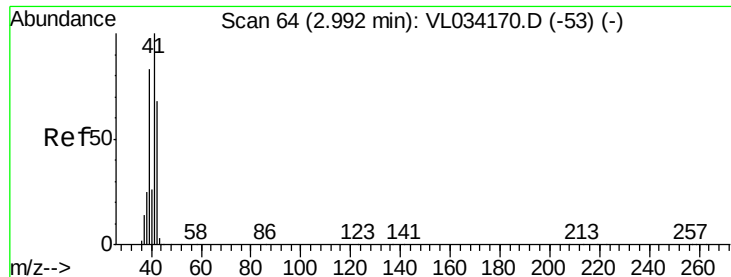
10000

0

3.00 3.05

Time-->





#9

Propene

Concen: 0.581 ppbv m

RT: 3.00 min Scan# 66

Delta R.T. 0.01 min

Lab File: VL034267.D

Acq: 9 Oct 2019 3:09

Instrument :

MSVOA_L

ClientSampleId :

IA2DL

Tgt Ion: 41 Resp: 38566

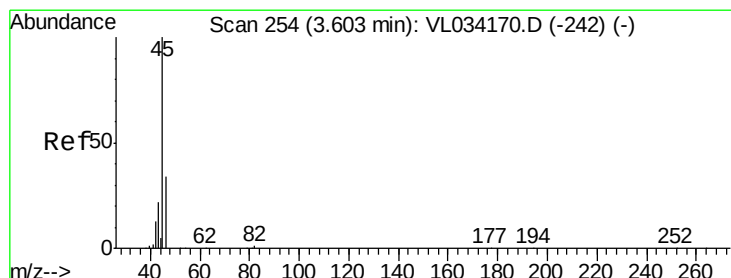
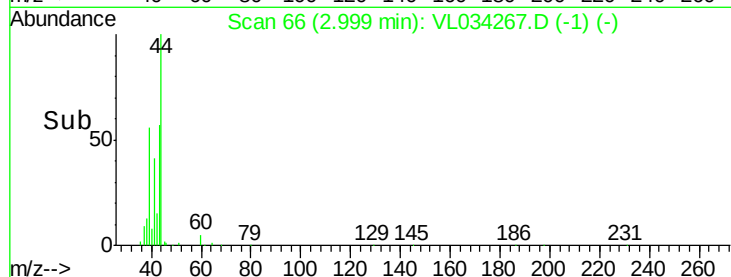
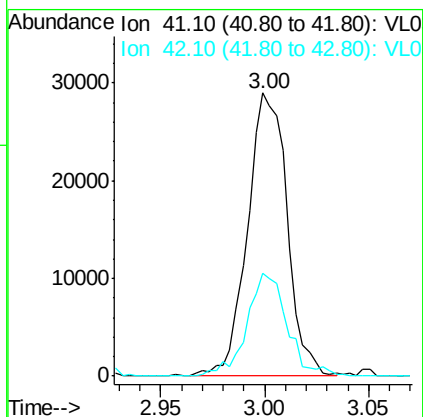
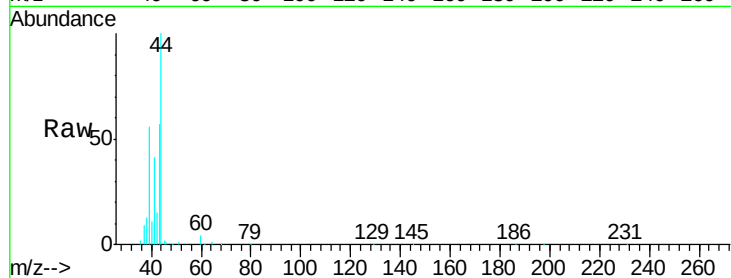
Ion Ratio Lower Upper

41 100

42 107.0 55.8 83.6#

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#13

Ethanol

Concen: 49.480 ppbv

RT: 3.59 min Scan# 251

Delta R.T. -0.01 min

Lab File: VL034267.D

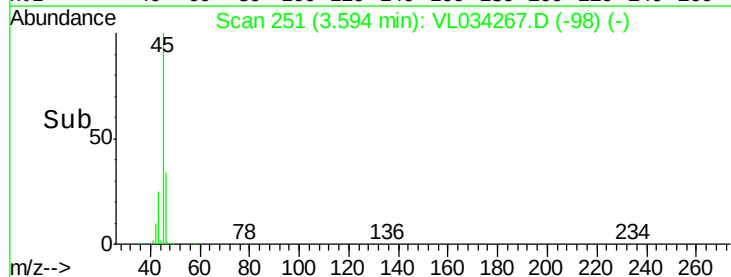
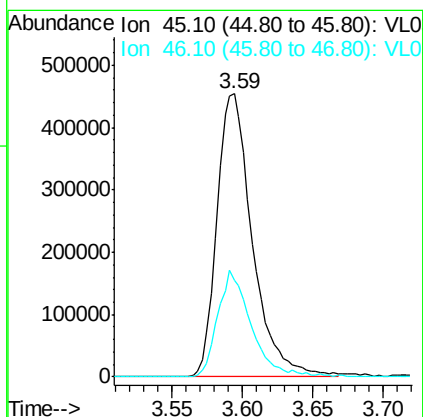
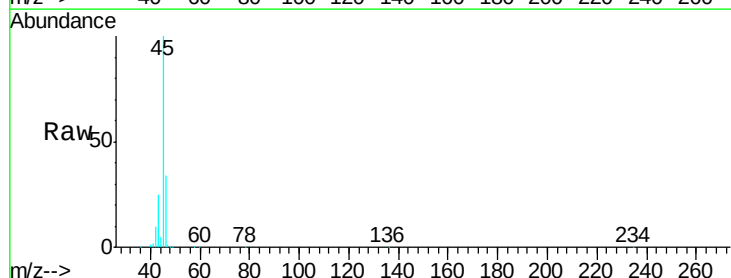
Acq: 9 Oct 2019 3:09

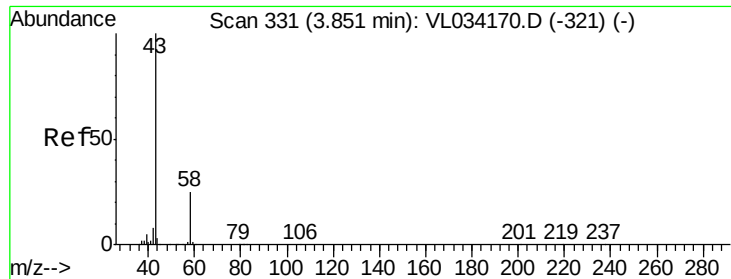
Tgt Ion: 45 Resp: 794656

Ion Ratio Lower Upper

45 100

46 35.8 15.5 61.9





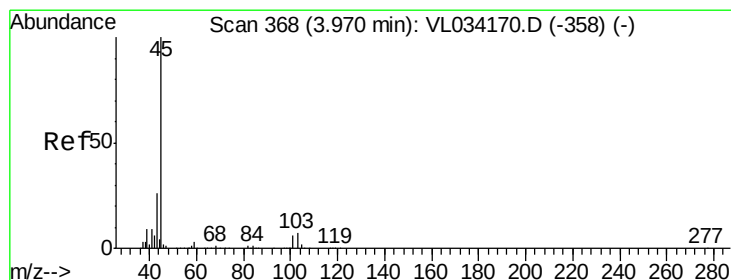
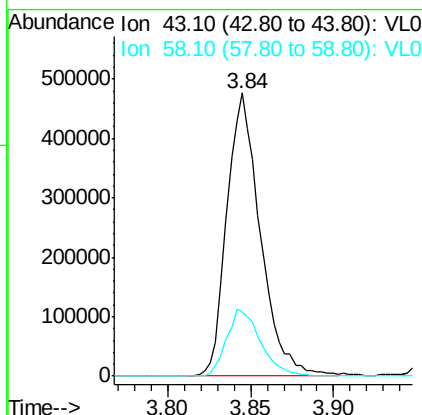
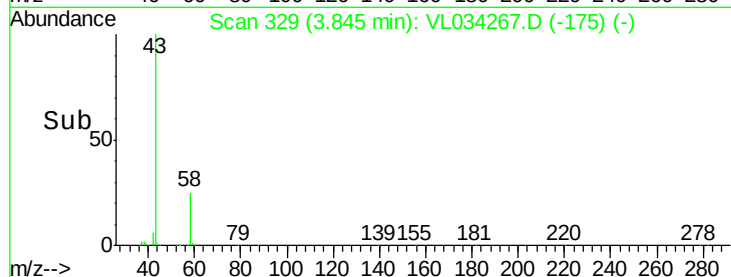
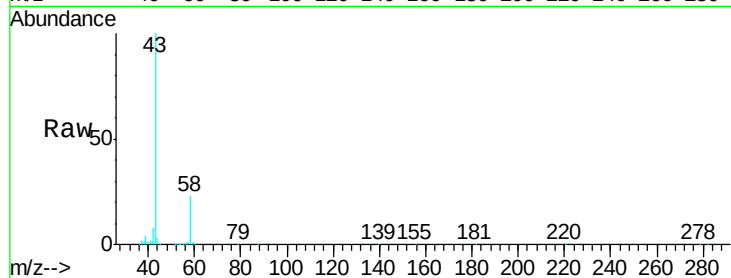
#15
Acetone
Concen: 4.345 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL034267.D
Acq: 9 Oct 2019 3:09

Instrument :
MSVOA_L
ClientSampled :
IA2DL

Tgt Ion: 43 Resp: 667674
Ion Ratio Lower Upper
43 100
58 24.4 20.5 30.7

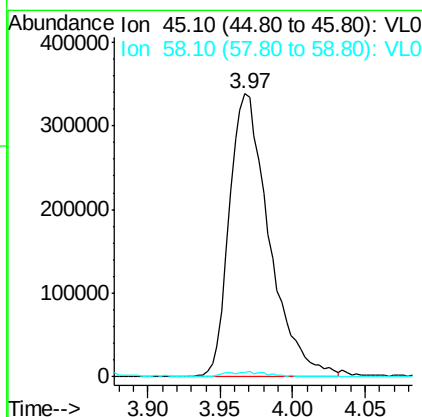
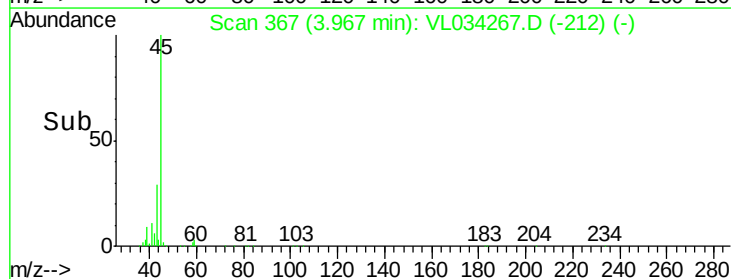
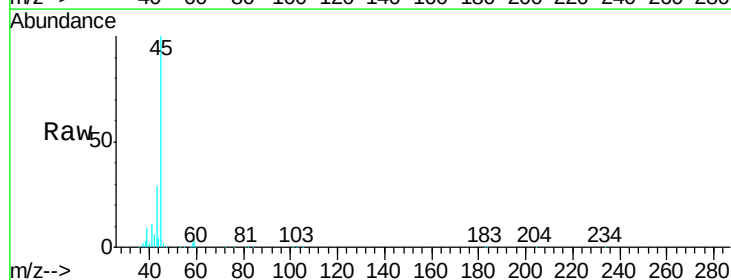
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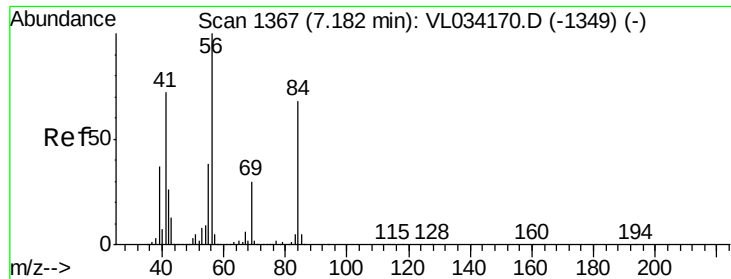
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#19
Isopropyl Alcohol
Concen: 6.790 ppbv
RT: 3.97 min Scan# 367
Delta R.T. -0.00 min
Lab File: VL034267.D
Acq: 9 Oct 2019 3:09

Tgt Ion: 45 Resp: 641626
Ion Ratio Lower Upper
45 100
58 2.3 1.4 2.0#





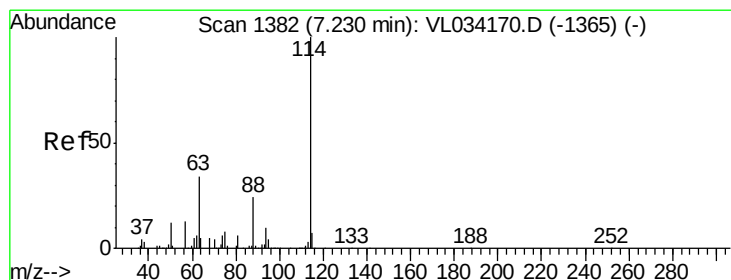
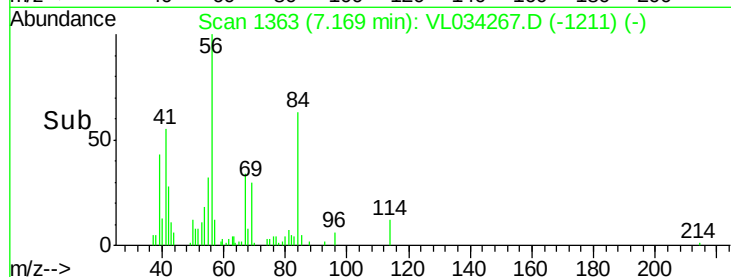
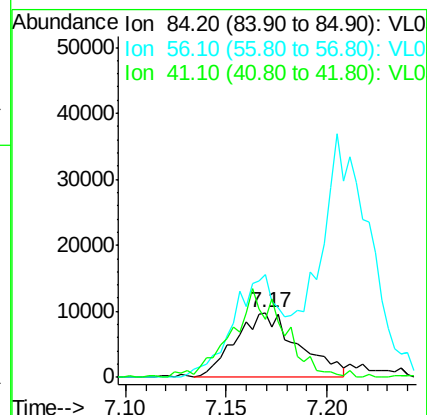
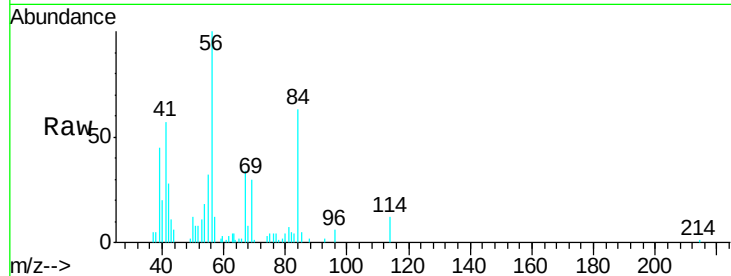
#30
Cyclohexane
Concen: 0.244 ppbv m
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL034267.D
Acq: 9 Oct 2019 3:09

Instrument :
MSVOA_L
ClientSampleID :
IA2DL

Tgt Ion	Ratio	Lower	Upper
84	100		
56	132.1	126.2	189.2
41	114.1	85.8	128.8

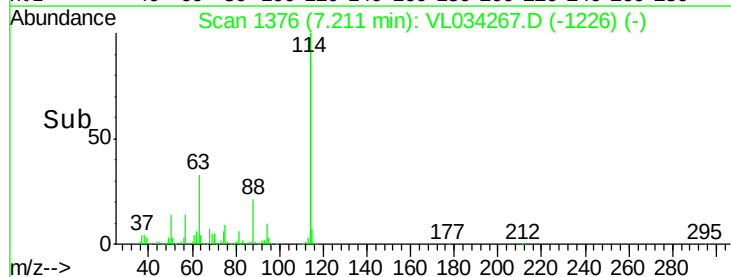
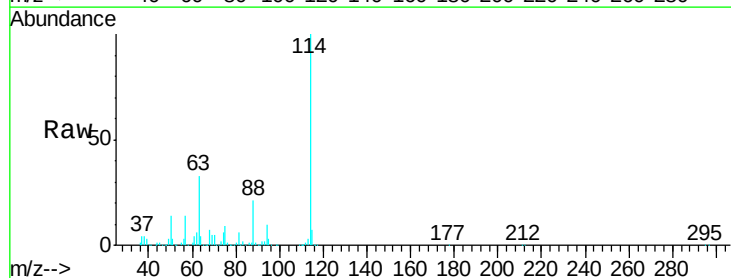
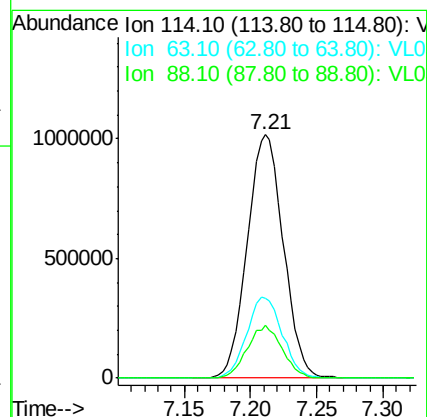
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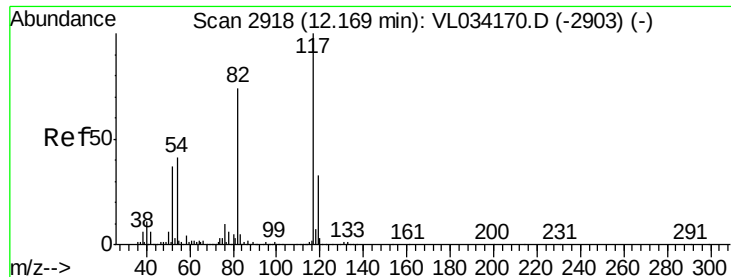
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1376
Delta R.T. -0.02 min
Lab File: VL034267.D
Acq: 9 Oct 2019 3:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	32.8	27.8	41.6
88	20.9	17.1	25.7





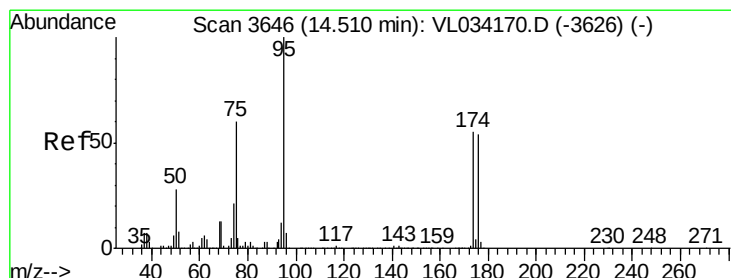
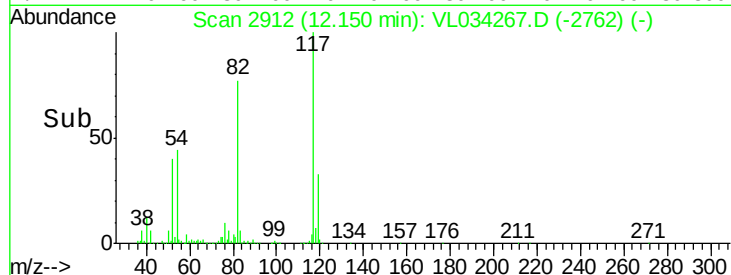
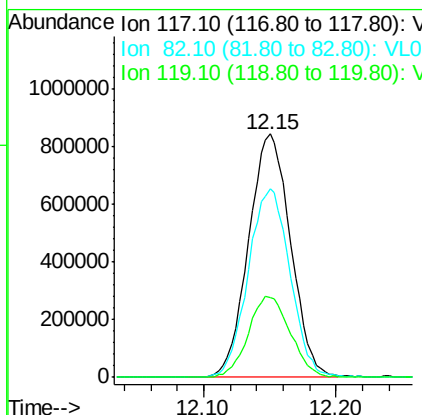
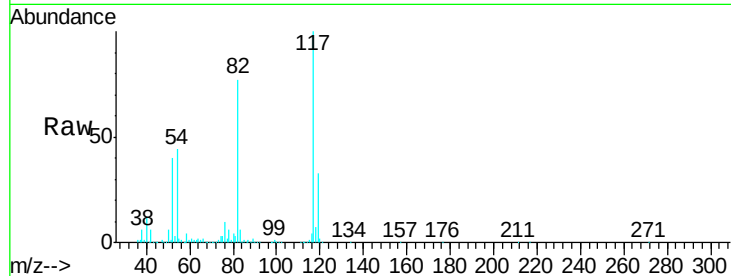
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
Lab File: VL034267.D
Acq: 9 Oct 2019 3:09

Instrument :
MSVOA_L
ClientSampleID :
IA2DL

Tgt Ion: 117 Resp: 1858664
Ion Ratio Lower Upper
117 100
82 77.6 58.2 87.4
119 33.3 23.7 35.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.352 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. -0.03 min
Lab File: VL034267.D
Acq: 9 Oct 2019 3:09

Tgt Ion: 95 Resp: 1671958
Ion Ratio Lower Upper
95 100
174 54.9 45.1 67.7
175 3.9 3.3 4.9

