

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091819\
 Data File : VL034188.D
 Acq On : 18 Sep 2019 18:29
 Operator : SY/AP
 Sample : OC CAN 10281
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10281

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 12:37:18 AM

Quant Time: Sep 19 07:00:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	1170141	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1880206	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	1920167	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1738936	10.42	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	6451m	0.394	ppbv	
15) Acetone	3.86	43	42026	0.268	ppbv	# 83
20) Methylene Chloride	4.35	84	26342m	0.583	ppbv	
26) Hexane	5.72	57	15465m	0.125	ppbv	

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

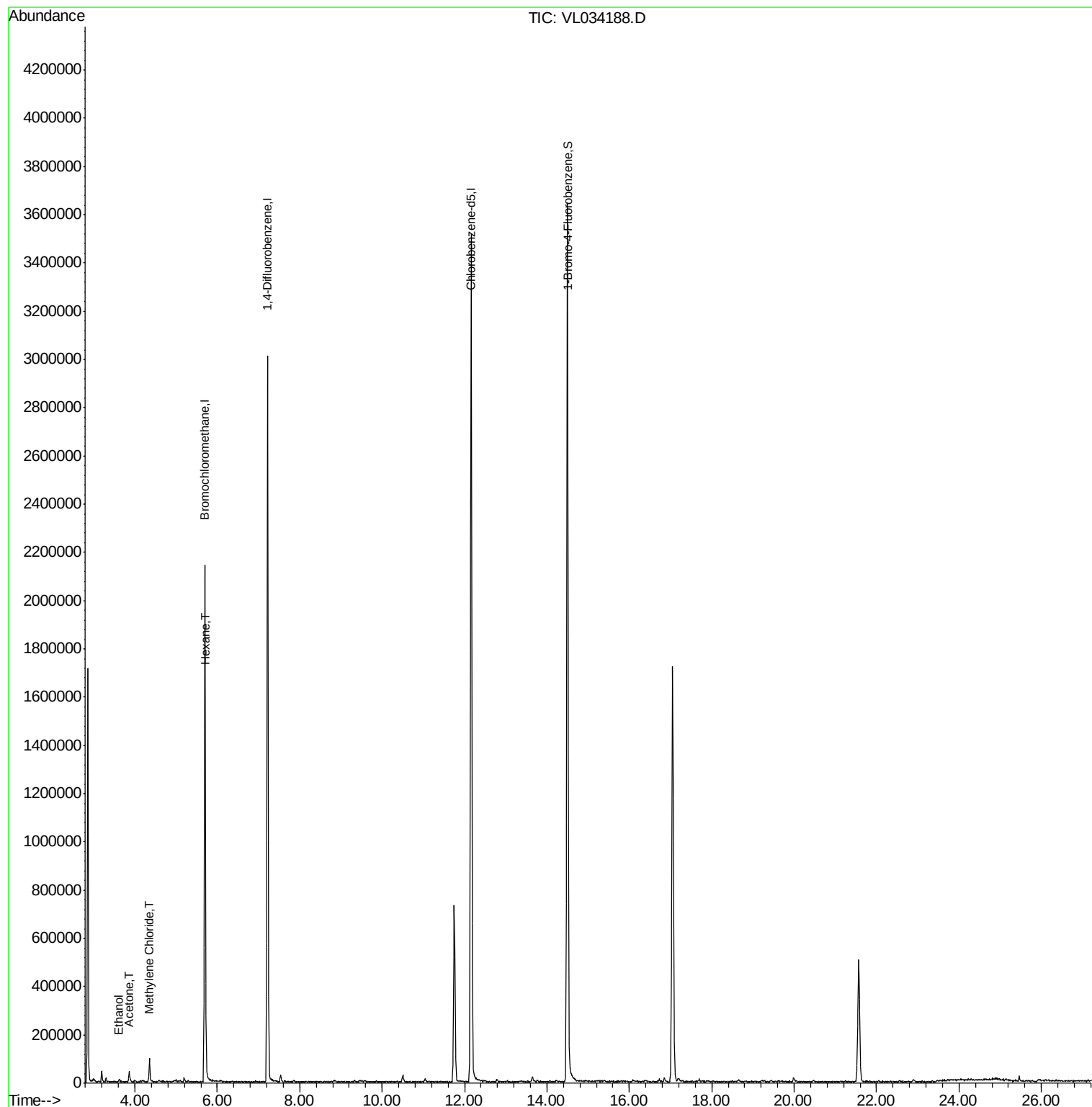
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091819\
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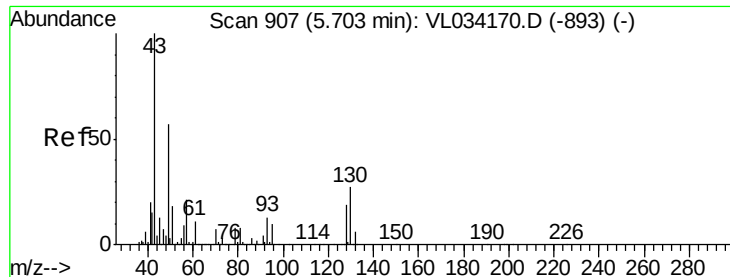
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Sep 19 07:00:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 904

Delta R.T. -0.01 min

Lab File: VL034188.D

Acq: 18 Sep 2019 18:29

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10281

Tot Ion: 49 Resp: 1170141

Ion Ratio Lower Upper

49 100

128 34.1 17.6 52.9

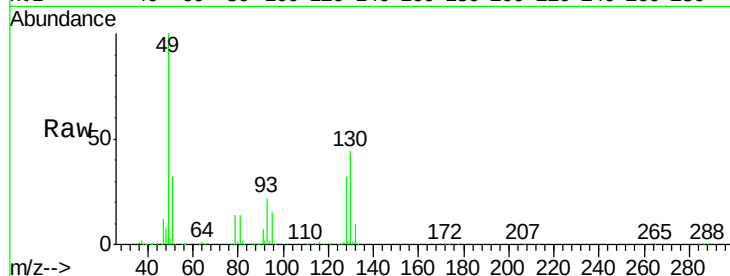
130 43.2 22.3 66.9

Manual Integrations

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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

800000

600000

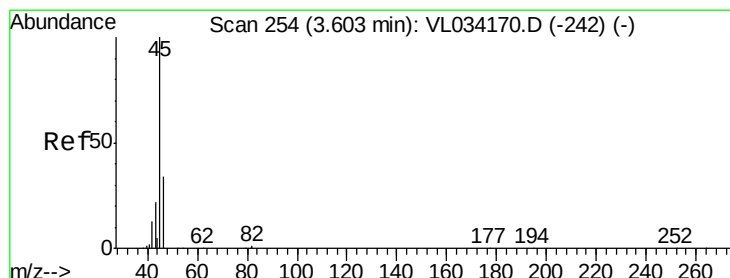
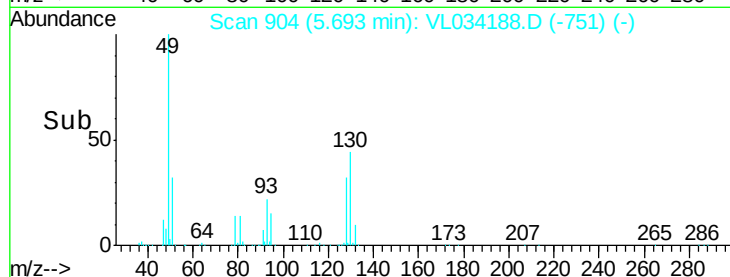
400000

200000

0

5.65 5.70 5.75

Time-->



#13

Ethanol

Concen: 0.394 ppbv m

RT: 3.62 min Scan# 260

Delta R.T. 0.02 min

Lab File: VL034188.D

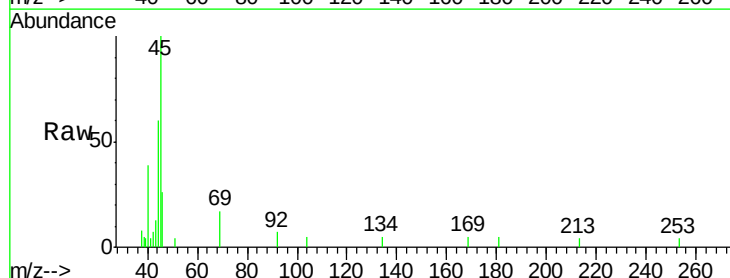
Acq: 18 Sep 2019 18:29

Tgt Ion: 45 Resp: 6451

Ion Ratio Lower Upper

45 100

46 0.0 15.5 61.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

5000

4000

3000

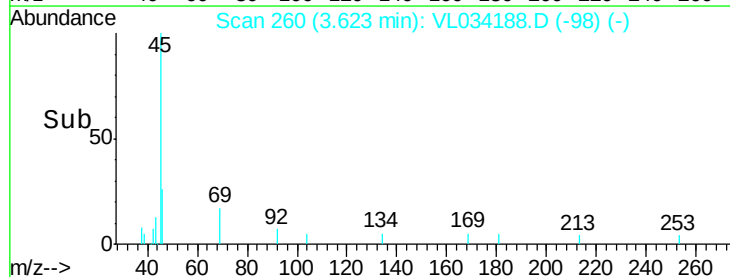
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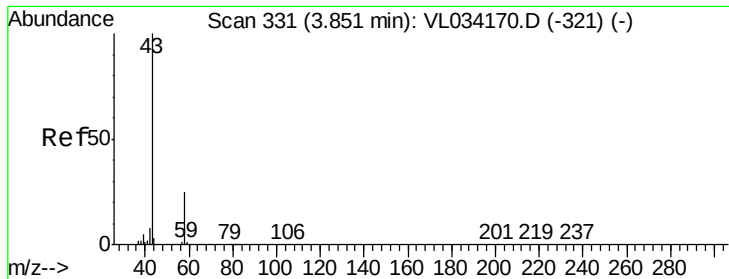
1000

0

3.58 3.60 3.62 3.64

Time-->





#15

Acetone

Concen: 0.268 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL034188.D

Acq: 18 Sep 2019 18:29

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10281

Tot Ion: 43 Resp: 42026

Ion Ratio Lower Upper

43 100

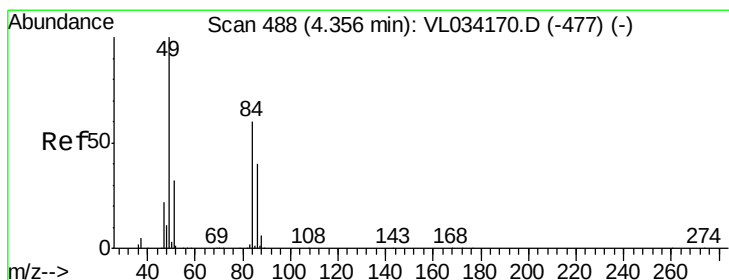
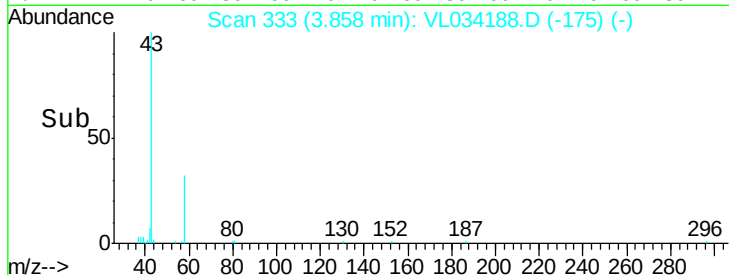
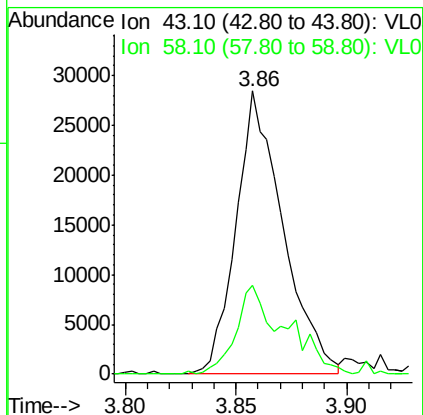
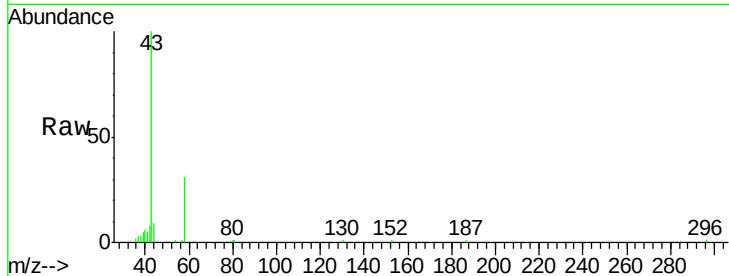
58 34.1 20.5 30.7#

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#20

Methylene Chloride

Concen: 0.583 ppbv m

RT: 4.35 min Scan# 486

Delta R.T. -0.01 min

Lab File: VL034188.D

Acq: 18 Sep 2019 18:29

Tgt Ion: 84 Resp: 26342

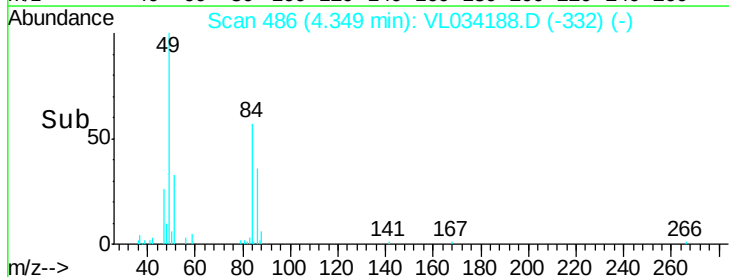
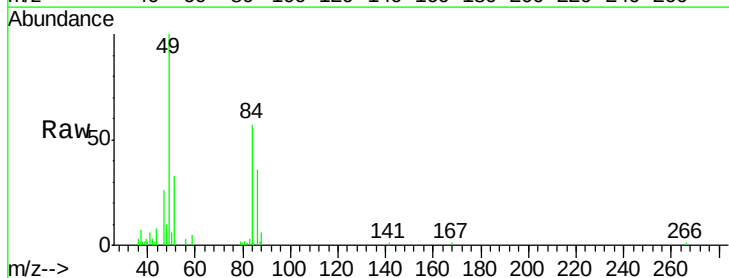
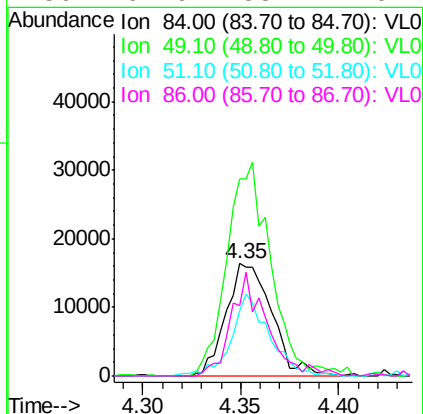
Ion Ratio Lower Upper

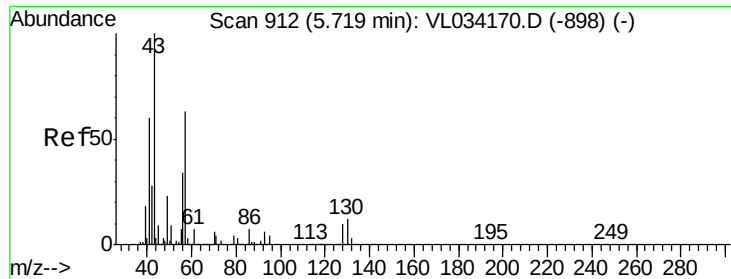
84 100

49 175.2 133.8 200.8

51 57.8 43.6 65.4

86 62.9 53.1 79.7





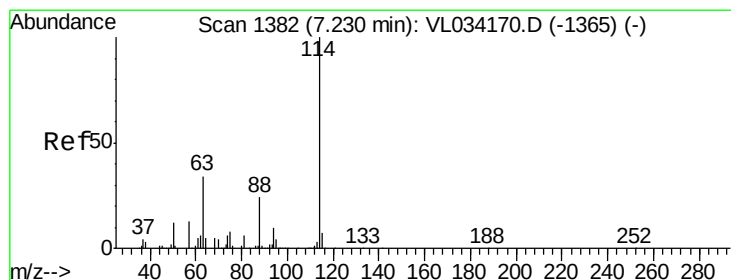
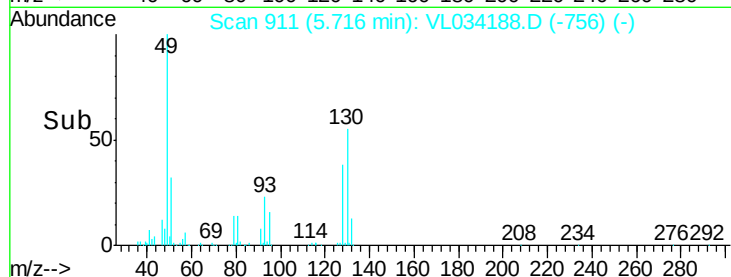
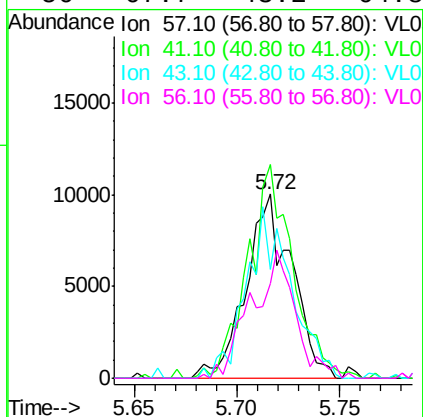
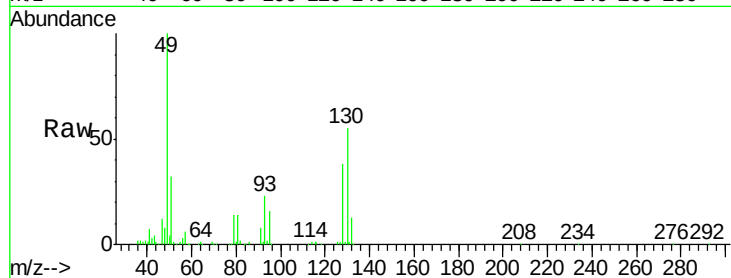
#26
Hexane
Concen: 0.125 ppbv m
RT: 5.72 min Scan# 911
Delta R.T. -0.00 min
Lab File: VL034188.D
Acq: 18 Sep 2019 18:29

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10281

Tot Ion	Ratio	Lower	Upper
57	100		
41	114.6	78.5	117.7
43	91.1	189.5	284.3#
56	67.7	43.2	64.8#

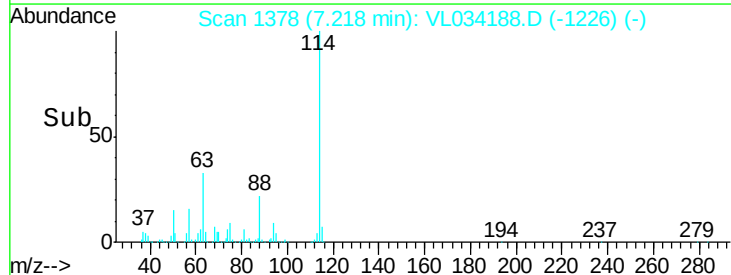
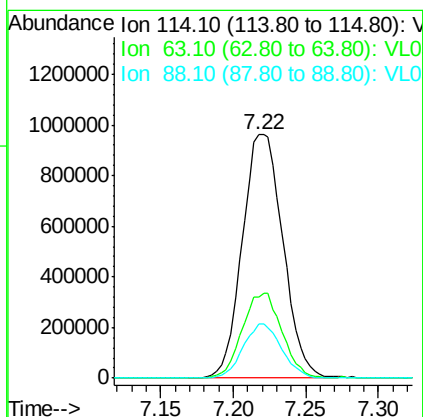
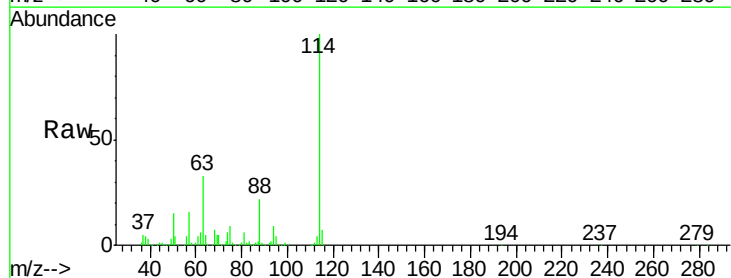
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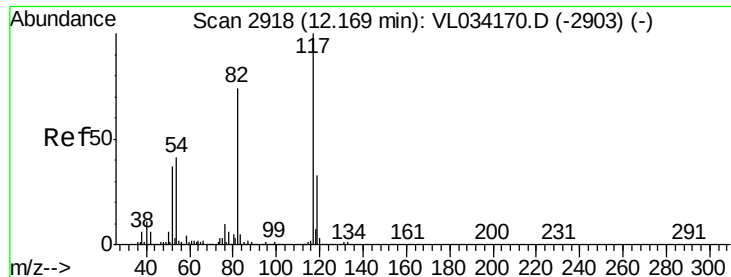
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. -0.01 min
Lab File: VL034188.D
Acq: 18 Sep 2019 18:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	34.3	27.8	41.6
88	21.3	17.1	25.7





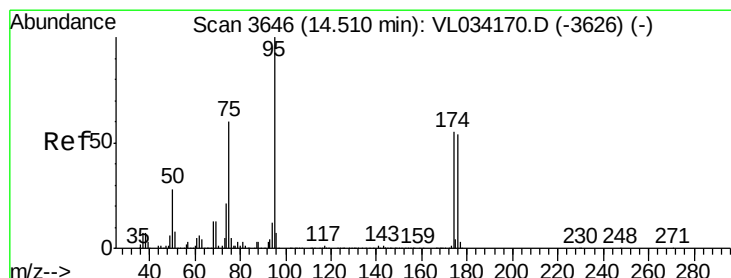
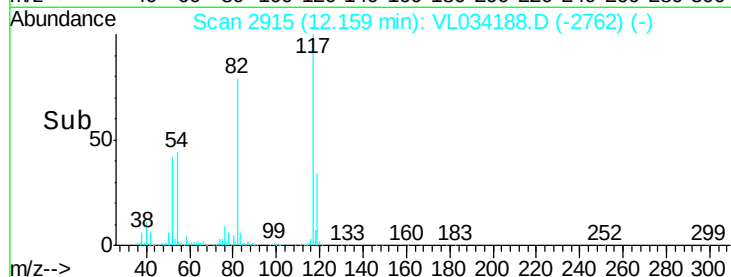
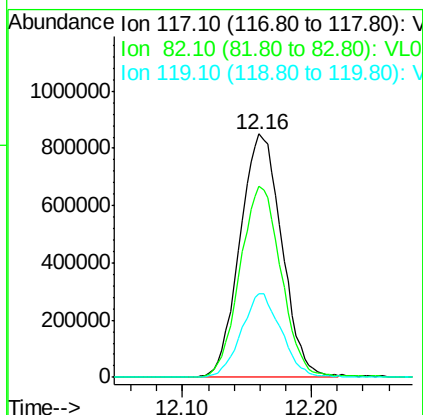
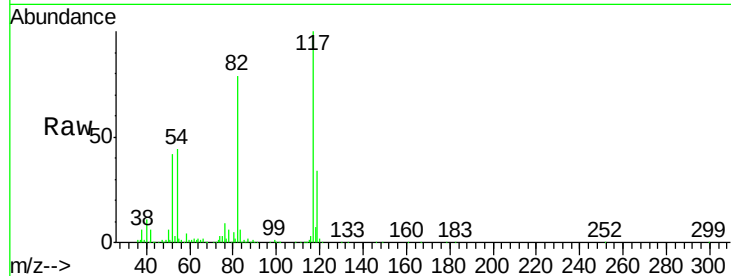
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. -0.01 min
Lab File: VL034188.D
Acq: 18 Sep 2019 18:29

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10281

Tot Ion	Ratio	Lower	Upper
117	100		
82	78.6	58.2	87.4
119	33.0	23.7	35.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.422 ppbv
RT: 14.50 min Scan# 3642
Delta R.T. -0.01 min
Lab File: VL034188.D
Acq: 18 Sep 2019 18:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	56.4	45.1	67.7
175	3.9	3.3	4.9

