

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101419\
 Data File : VL034283.D
 Acq On : 14 Oct 2019 15:57
 Operator : SY/AP
 Sample : K5353-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Manual Integrations
 APPROVED

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 10/16/2019 12:59:21 AM

Quant Time: Oct 15 07:16:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Sep 18
 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	1025347	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1712285	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1699146	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1498996	10.15	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	11909m	0.829	ppbv	
15) Acetone	3.86	43	48402	0.352	ppbv	93
20) Methylene Chloride	4.35	84	11937m	0.301	ppbv	

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

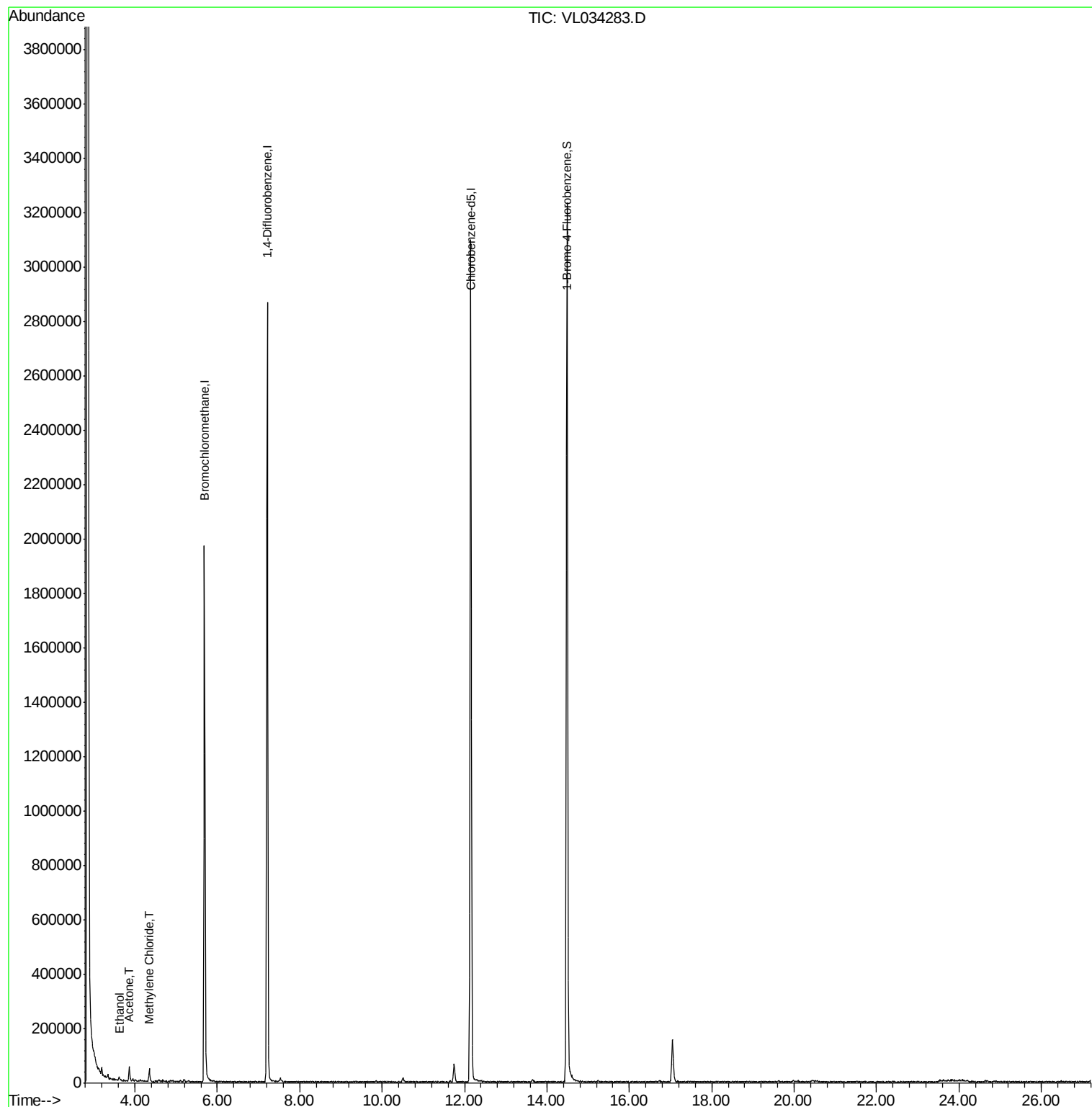
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101419\
Data File : VL034283.D
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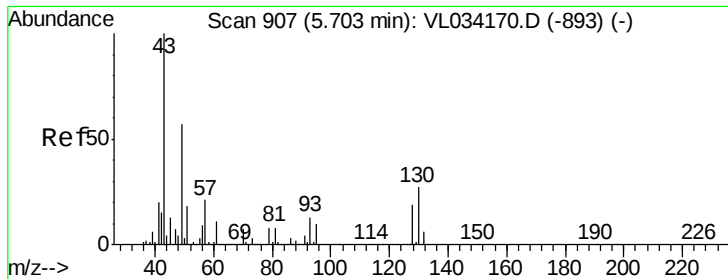
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

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Quant Time: Oct 15 07:16:43 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: VL034283.D

Acq: 14 Oct 2019 15:57

Instrument :

MSVOA_L

ClientSampled :

AA-1DL

Tot Ion: 49 Resp: 1025347

Ion Ratio Lower Upper

49 100

128 35.8 17.6 52.9

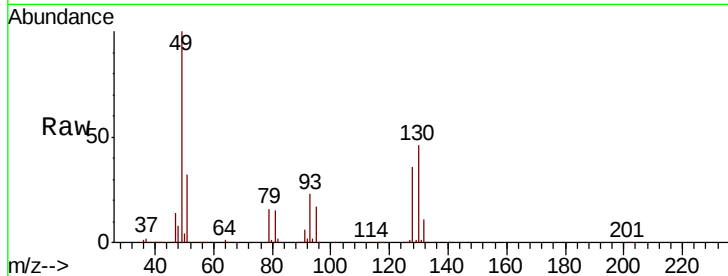
130 45.0 22.3 66.9

Manual Integrations

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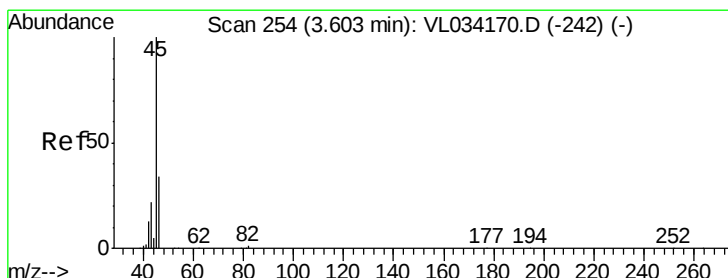
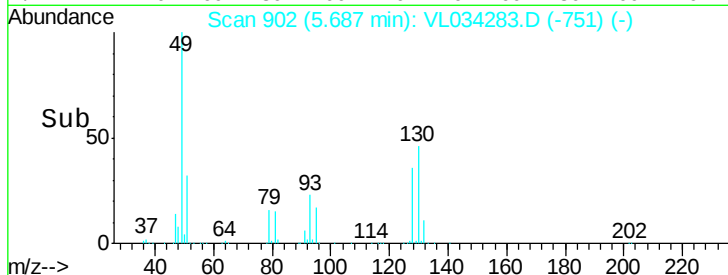
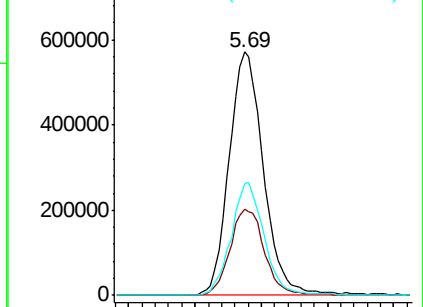
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 0.829 ppbv m

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL034283.D

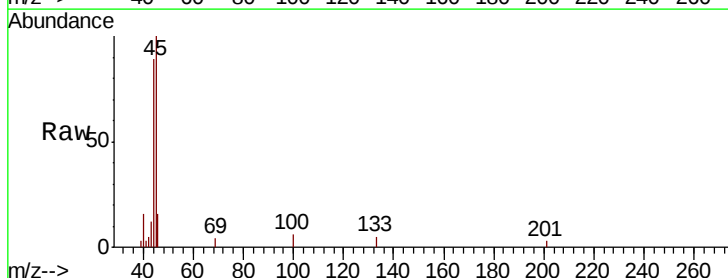
Acq: 14 Oct 2019 15:57

Tgt Ion: 45 Resp: 11909

Ion Ratio Lower Upper

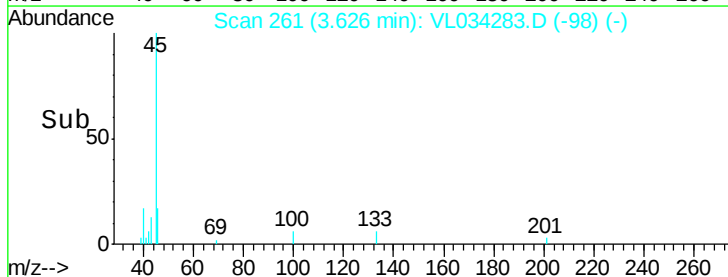
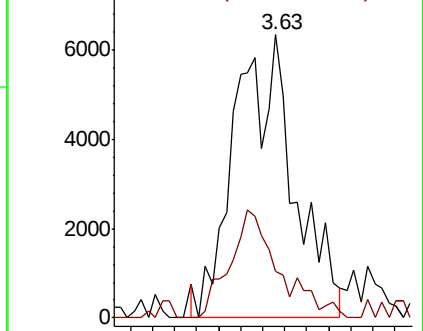
45 100

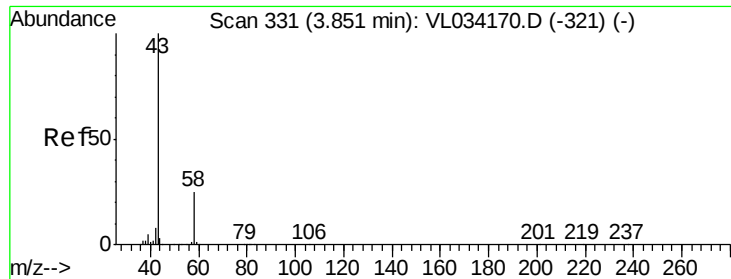
46 0.0 15.5 61.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





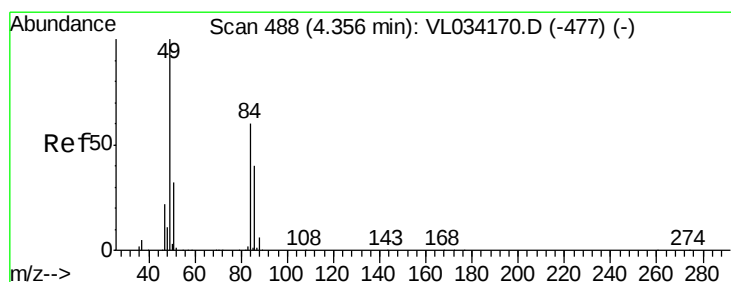
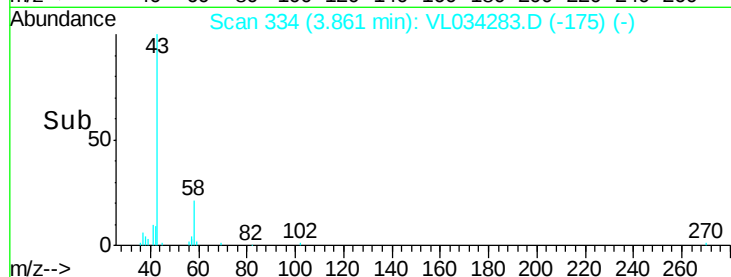
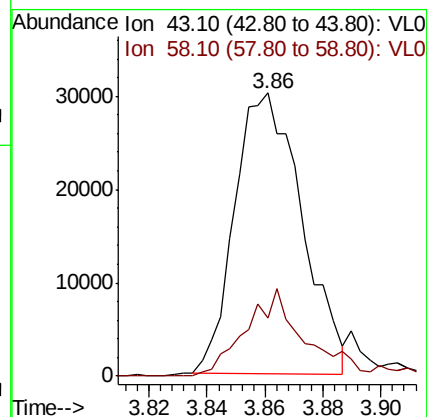
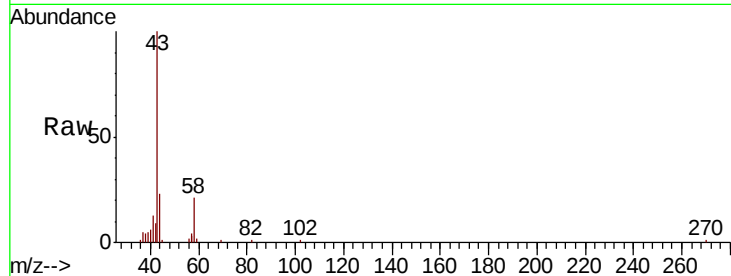
#15
Acetone
Concen: 0.352 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL034283.D
Acq: 14 Oct 2019 15:57

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tot Ion	43	Resp	48402
Ion Ratio	100	Lower	Upper
58	29.0	20.5	30.7

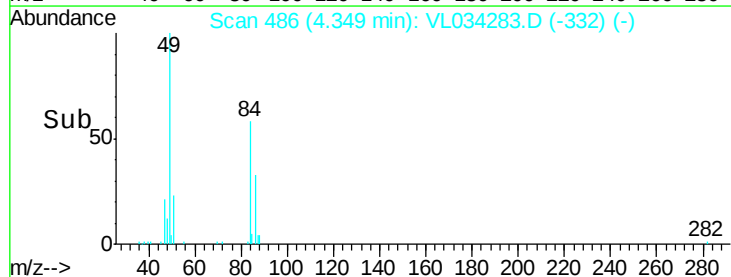
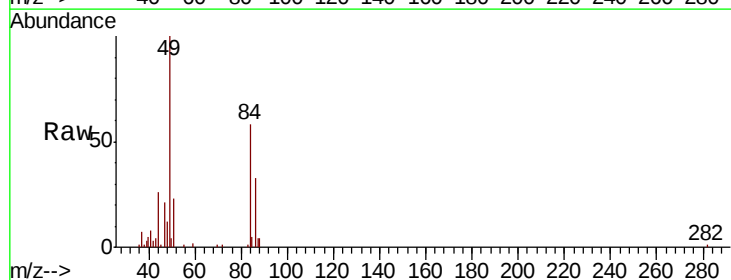
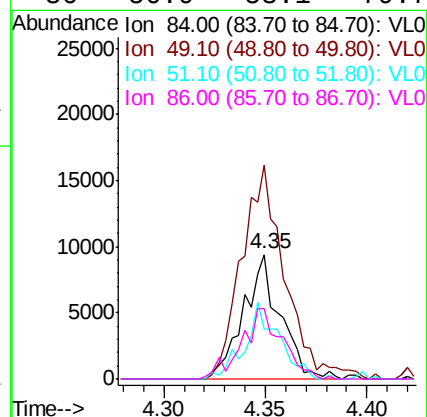
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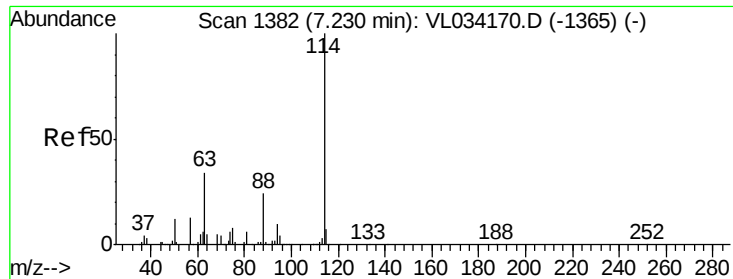
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#20
Methylene Chloride
Concen: 0.301 ppbv m
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034283.D
Acq: 14 Oct 2019 15:57

Tgt Ion	84	Resp	11937
Ion Ratio	100	Lower	Upper
49	171.1	133.8	200.8
51	40.1	43.6	65.4
86	56.9	53.1	79.7





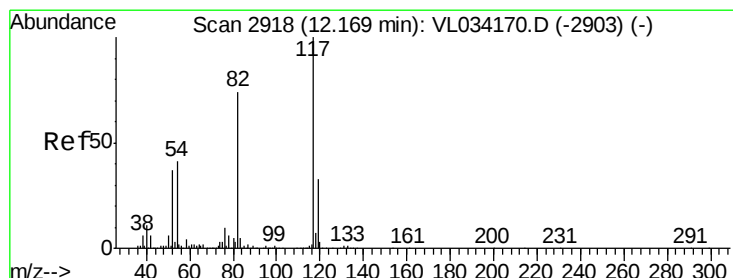
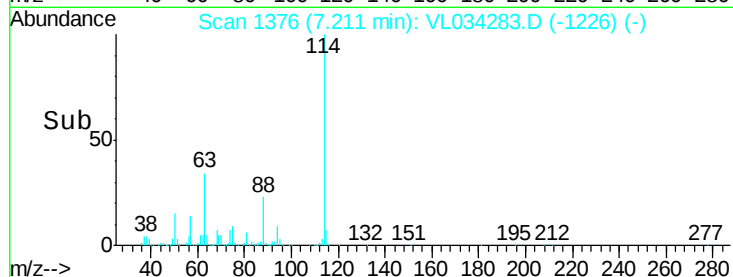
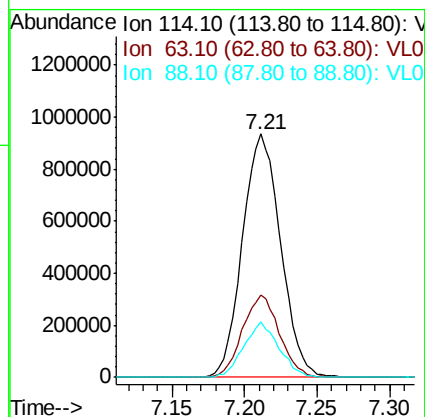
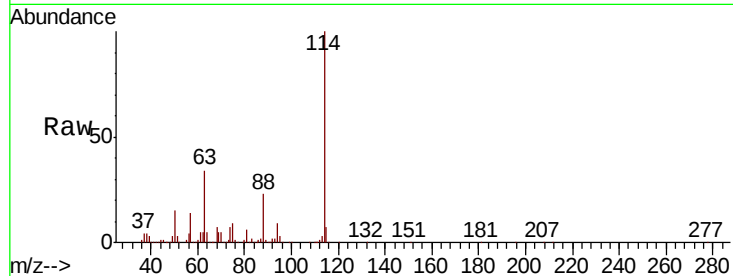
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.02 min
 Lab File: VL034283.D
 Acq: 14 Oct 2019 15:57

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	33.0	27.8	41.6
88	21.1	17.1	25.7

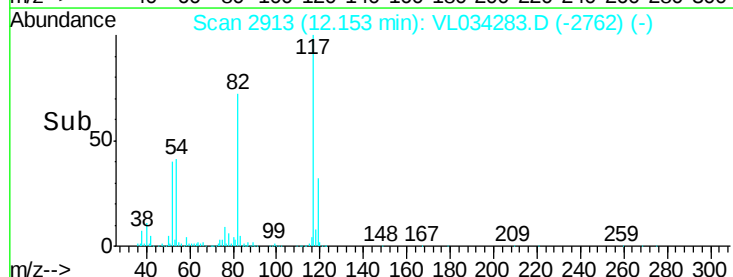
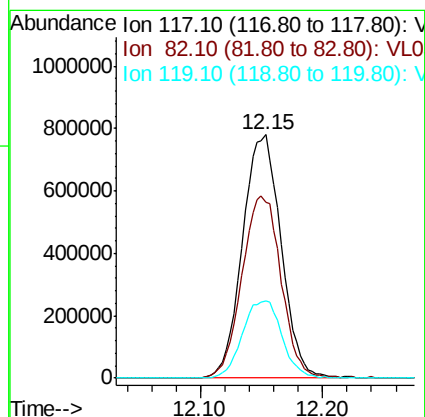
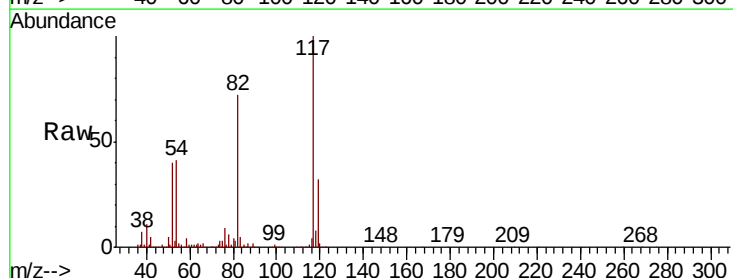
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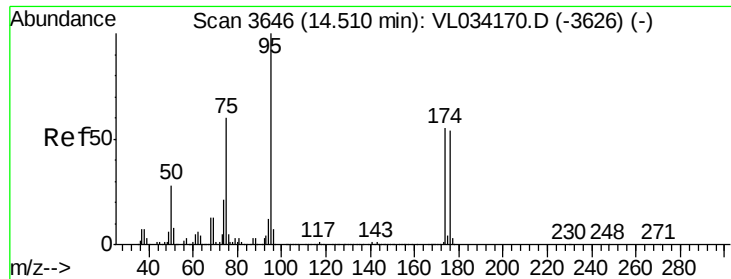
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.15 min Scan# 2913
 Delta R.T. -0.02 min
 Lab File: VL034283.D
 Acq: 14 Oct 2019 15:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	76.0	58.2	87.4
119	32.7	23.7	35.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.153 ppbv
 RT: 14.49 min Scan# 3639
 Delta R.T. -0.02 min
 Lab File: VL034283.D
 Acq: 14 Oct 2019 15:57

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	55.0	45.1	67.7
175	4.0	3.3	4.9

Manual Integrations
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