

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101419\
 Data File : VL034293.D
 Acq On : 14 Oct 2019 22:37
 Operator : SY/AP
 Sample : K5302-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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 10/16/2019 12:59:39 AM

Quant Time: Oct 15 07:42:14 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	1006796	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1666659	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1642962	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1462729	10.25	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	7677m	0.544	ppbv	
15) Acetone	3.85	43	50909	0.377	ppbv	90
20) Methylene Chloride	4.35	84	8986m	0.231	ppbv	

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

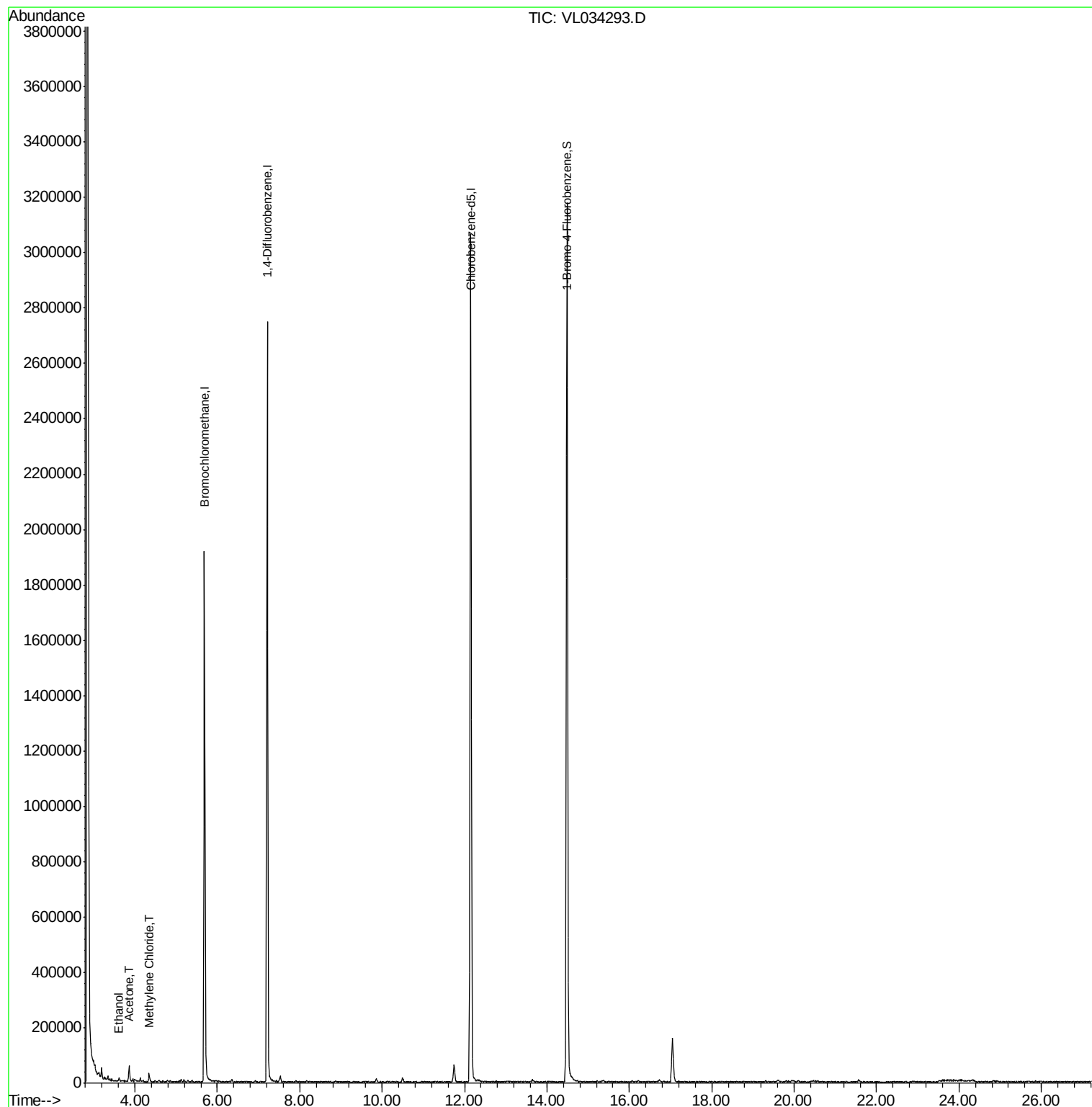
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Data File : VL034293.D
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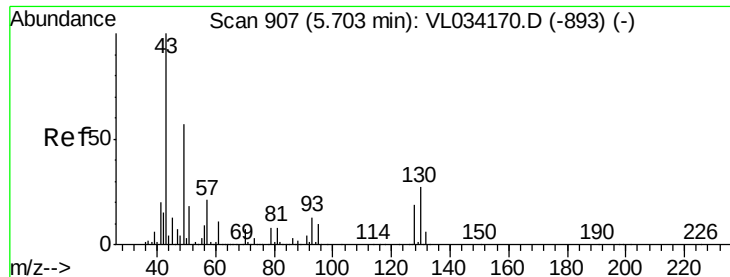
Instrument :
MSVOA_L
ClientSampleId :
QA1DL

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Quant Time: Oct 15 07:42:14 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: VL034293.D

Acq: 14 Oct 2019 22:37

Instrument :

MSVOA_L

ClientSampled :

QA1DL

Tot Ion: 49 Resp: 1006796

Ion Ratio Lower Upper

49 100

128 35.5 17.6 52.9

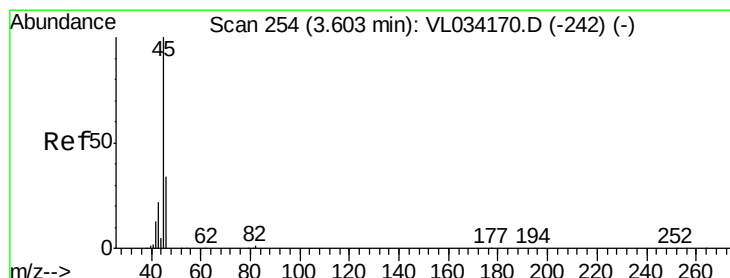
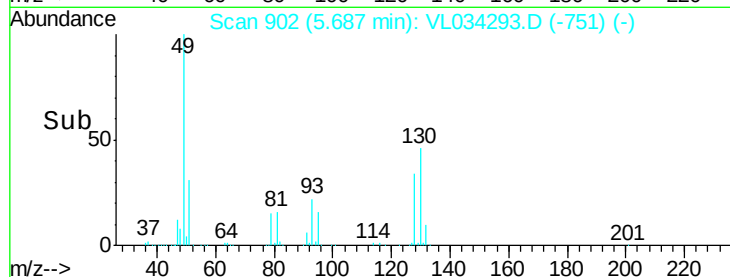
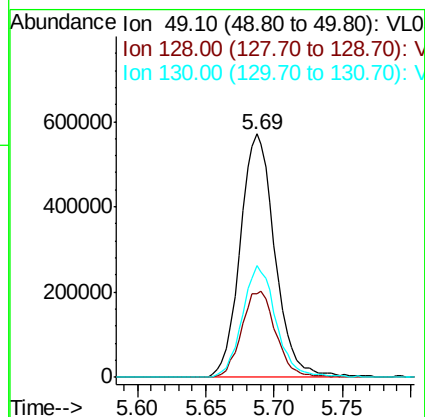
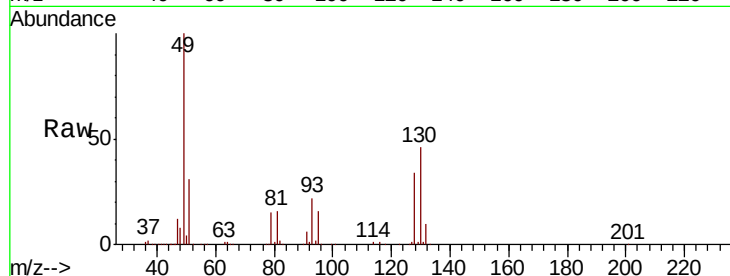
130 44.9 22.3 66.9

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#13

Ethanol

Concen: 0.544 ppbv m

RT: 3.62 min Scan# 258

Delta R.T. 0.01 min

Lab File: VL034293.D

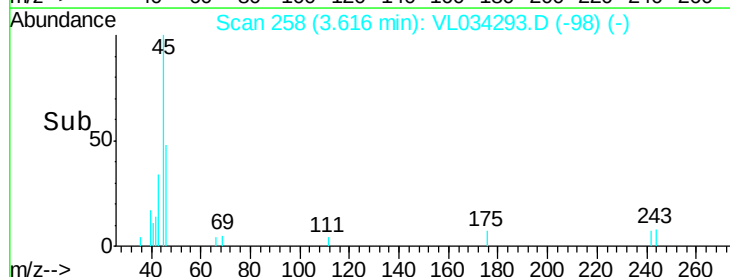
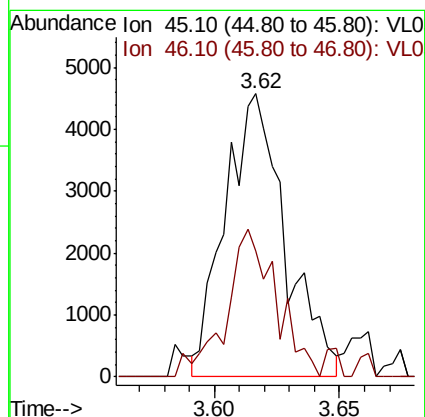
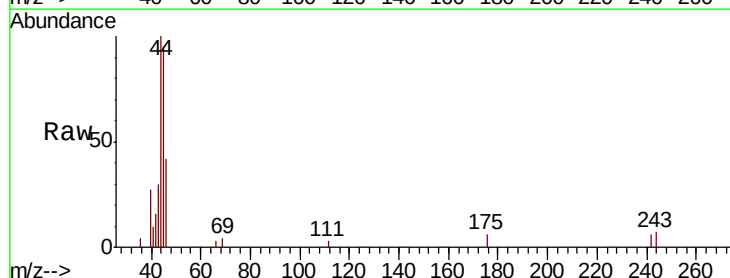
Acq: 14 Oct 2019 22:37

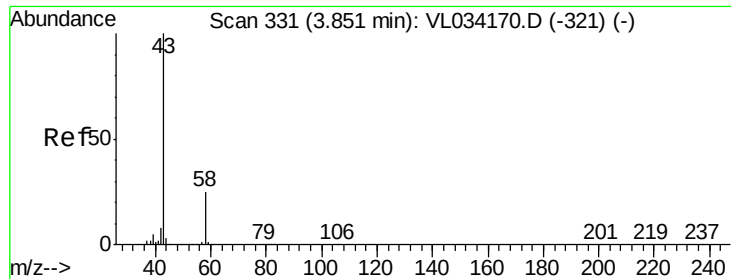
Tgt Ion: 45 Resp: 7677

Ion Ratio Lower Upper

45 100

46 0.0 15.5 61.9#





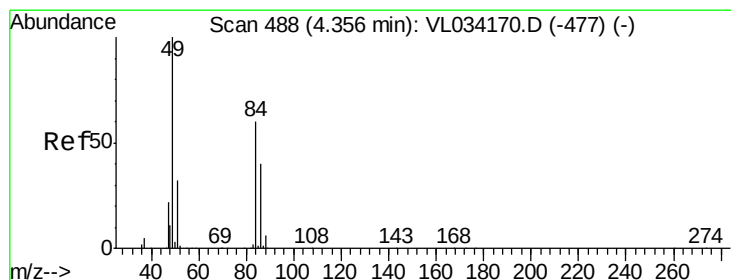
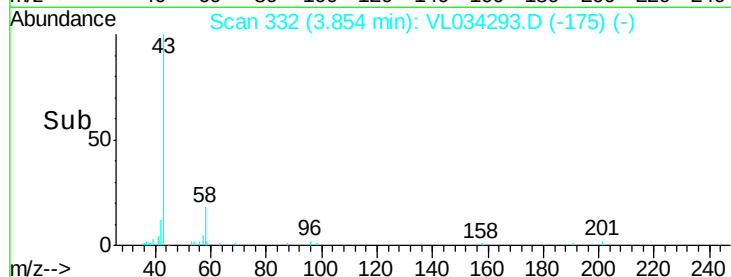
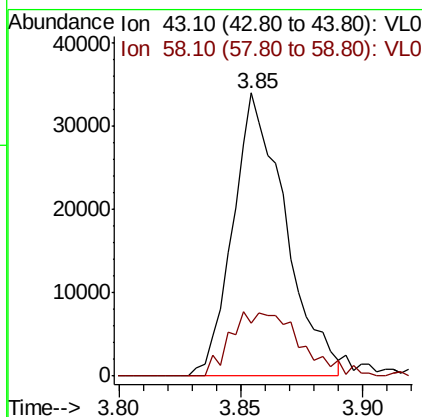
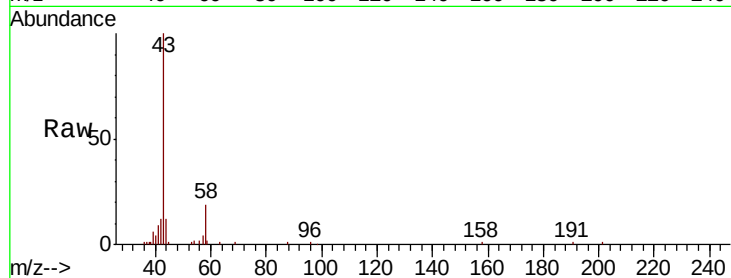
#15
Acetone
Concen: 0.377 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL034293.D
Acq: 14 Oct 2019 22:37

Instrument :
MSVOA_L
ClientSampleId :
QA1DL

Tot Ion: 43 Resp: 50909
Ion Ratio Lower Upper
43 100
58 30.5 20.5 30.7

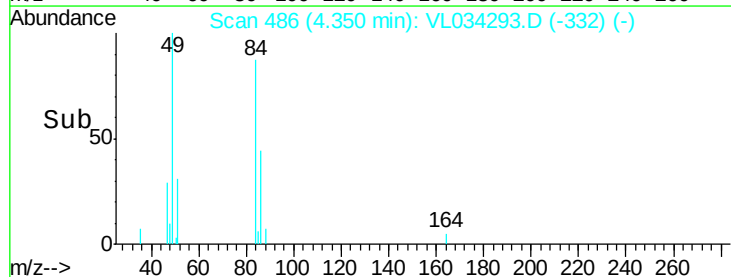
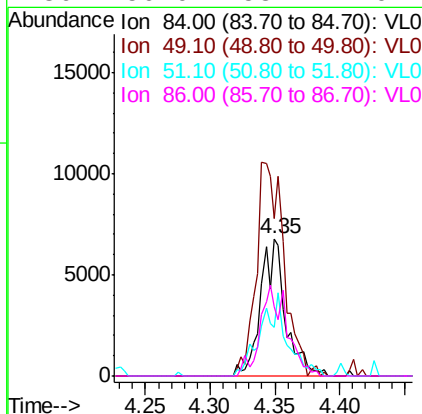
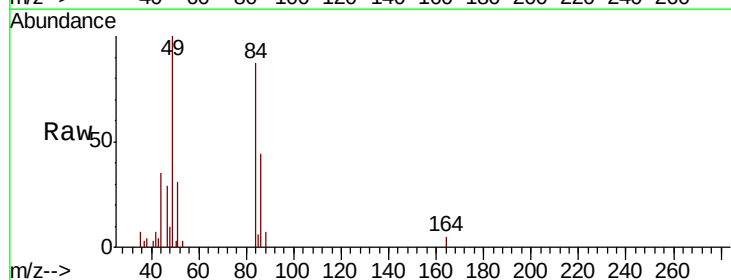
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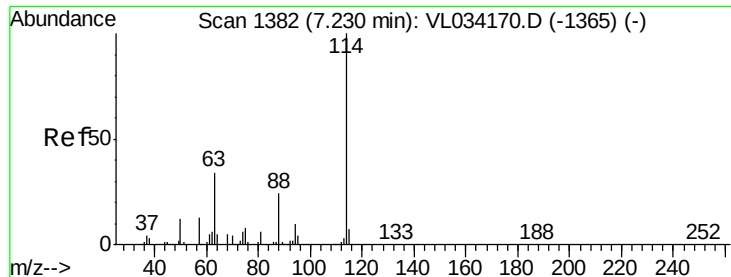
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#20
Methylene Chloride
Concen: 0.231 ppbv m
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034293.D
Acq: 14 Oct 2019 22:37

Tgt Ion: 84 Resp: 8986
Ion Ratio Lower Upper
84 100
49 114.7 133.8 200.8#
51 35.9 43.6 65.4#
86 50.0 53.1 79.7#





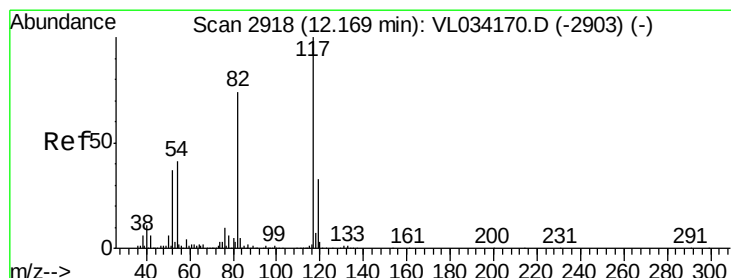
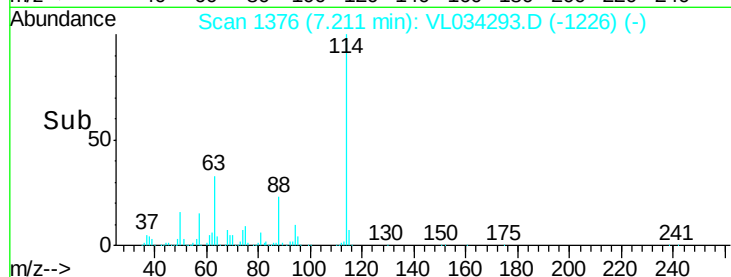
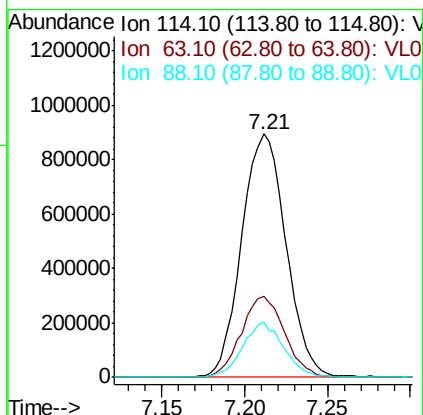
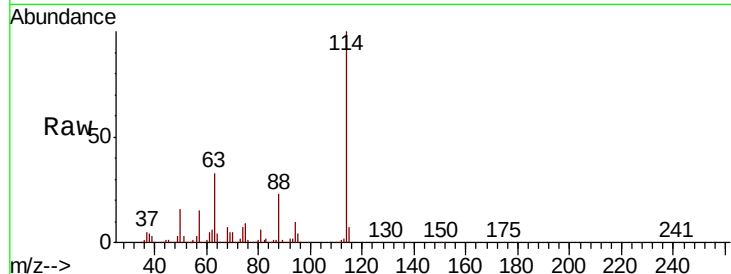
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.02 min
 Lab File: VL034293.D
 Acq: 14 Oct 2019 22:37

Instrument :
 MSVOA_L
 ClientSampled :
 OA1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	32.7	27.8	41.6
88	21.0	17.1	25.7

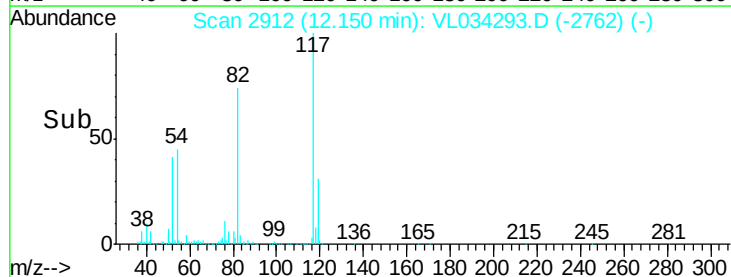
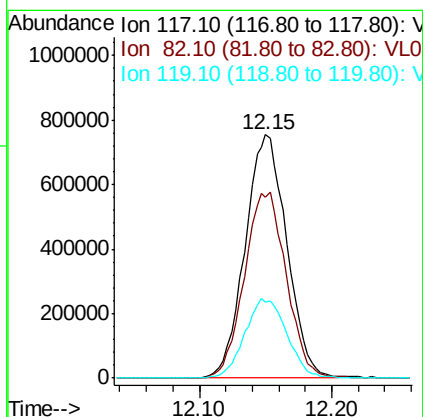
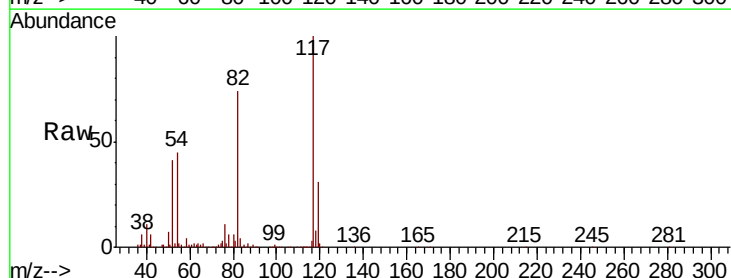
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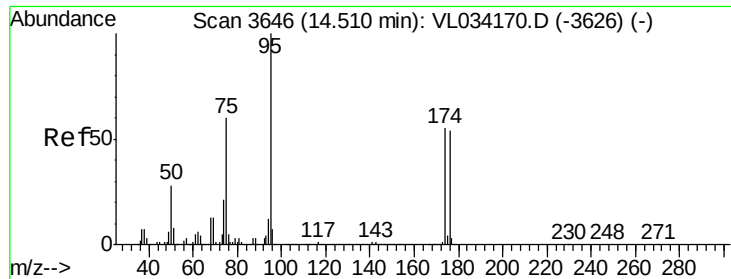
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.15 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: VL034293.D
 Acq: 14 Oct 2019 22:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	77.3	58.2	87.4
119	33.2	23.7	35.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.246 ppbv
 RT: 14.49 min Scan# 3639
 Delta R.T. -0.02 min
 Lab File: VL034293.D
 Acq: 14 Oct 2019 22:37

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	55.0	45.1	67.7
175	4.2	3.3	4.9

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