

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034795.D
 Acq On : 5 Mar 2020 14:30
 Operator : SY/AP
 Sample : L1704-03DL 20X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3-4DL

Manual Integrations
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 3/9/2020 9:18:43 AM

Quant Time: Mar 06 05:06:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1016371	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.17	114	2071757	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.10	117	2082851	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1719860	9.90	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%
Target Compounds						
9) Propene	2.98	41	52295m	1.147	ppbv	Ovalue
13) Ethanol	3.58	45	26348m	1.687	ppbv	
15) Acetone	3.82	43	1085312	8.917	ppbv	98

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

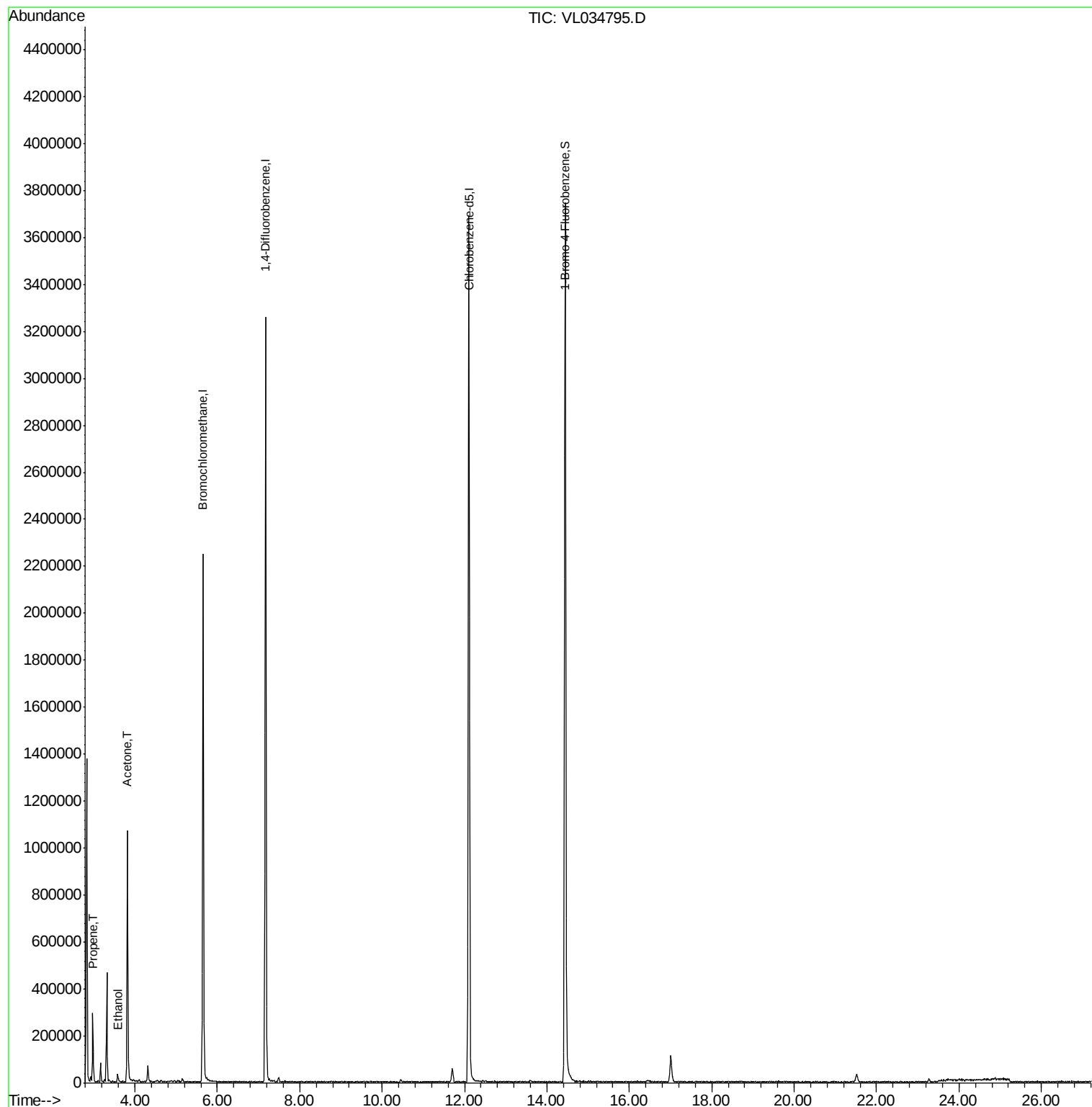
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL030520\
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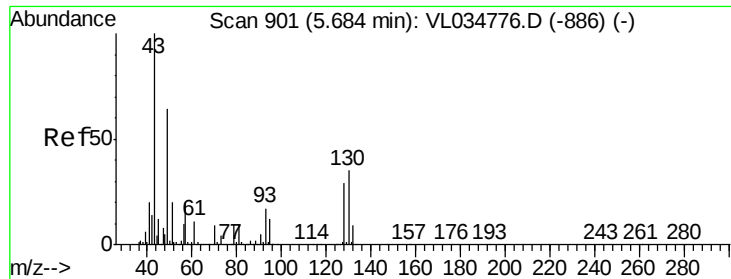
Instrument :
MSVOA_L
ClientSampleId :
IA-3-4DL

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Quant Time: Mar 06 05:06:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.04 min

Lab File: VL034795.D

Acq: 5 Mar 2020 14:30

Instrument :

MSVOA_L

ClientSampleId :

IA-3-4DL

Tot Ion: 49 Resp: 1016371

Ion Ratio Lower Upper

49 100

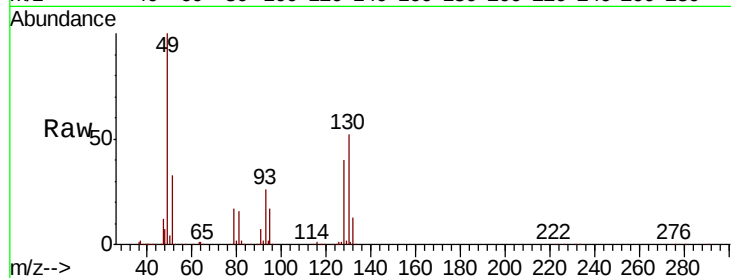
128 44.3 21.6 64.6

130 57.7 27.4 82.2

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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

800000

600000

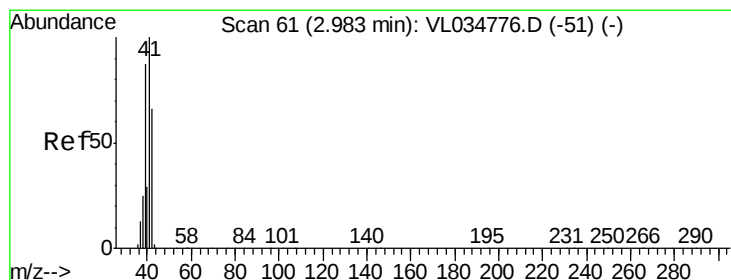
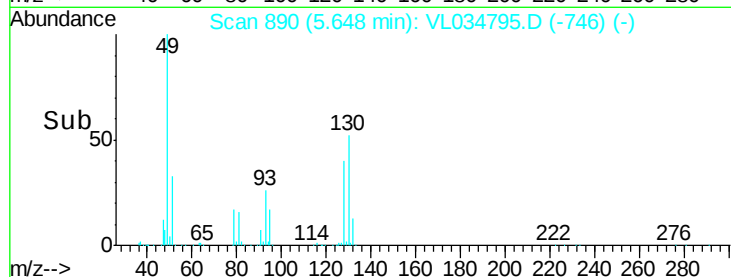
400000

200000

0

5.60 5.65 5.70

Time-->



#9

Propene

Concen: 1.147 ppbv m

RT: 2.98 min Scan# 60

Delta R.T. -0.00 min

Lab File: VL034795.D

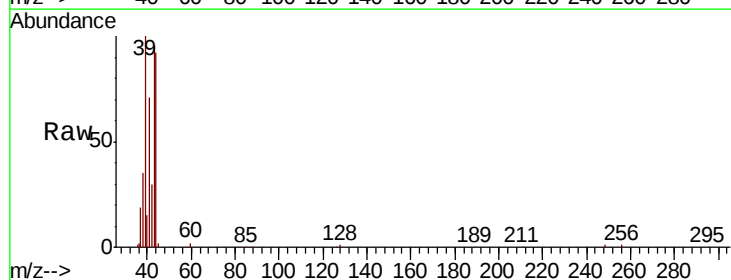
Acq: 5 Mar 2020 14:30

Tgt Ion: 41 Resp: 52295

Ion Ratio Lower Upper

41 100

42 26.7 55.6 83.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

50000

40000

30000

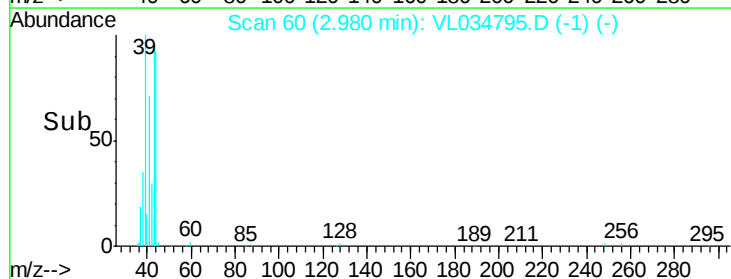
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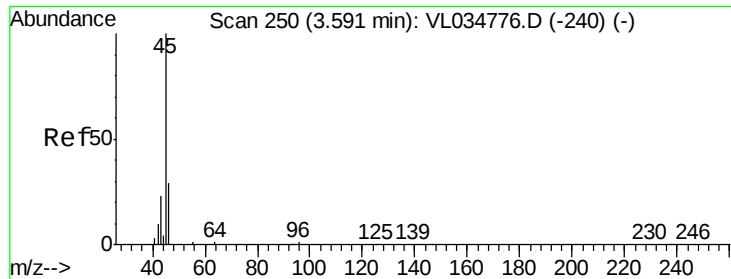
10000

0

2.95 2.98 3.00

Time-->





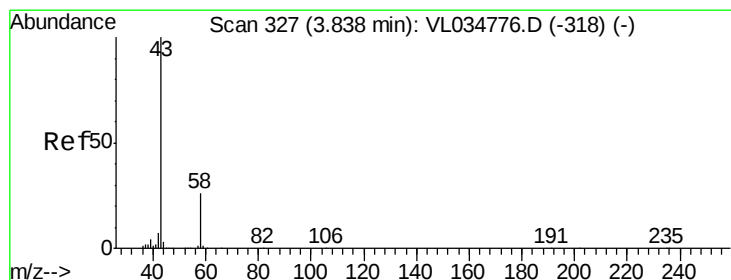
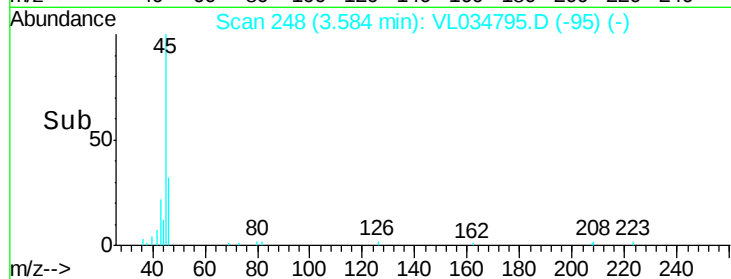
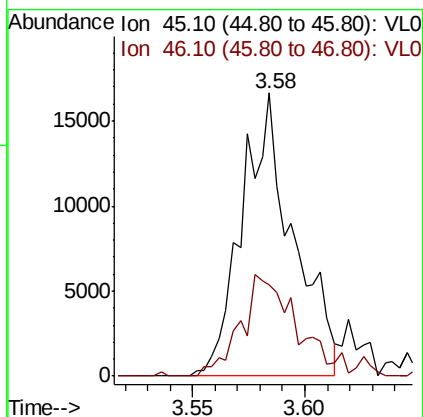
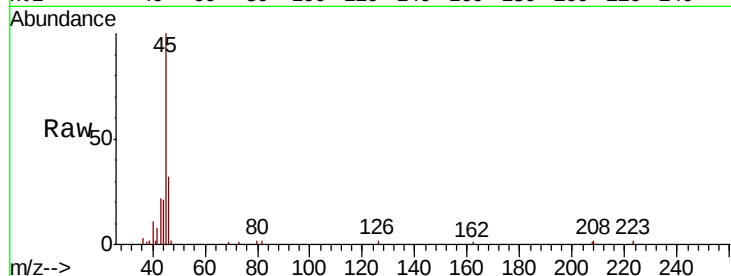
#13
Ethanol
Concen: 1.687 ppbv m
RT: 3.58 min Scan# 248
Delta R.T. -0.01 min
Lab File: VL034795.D
Acq: 5 Mar 2020 14:30

Instrument :
MSVOA_L
ClientSampleId :
IA-3-4DL

Tot Ion	45	Resp	26348
Ion Ratio	100	Lower	Upper
46	40.8	14.7	58.9

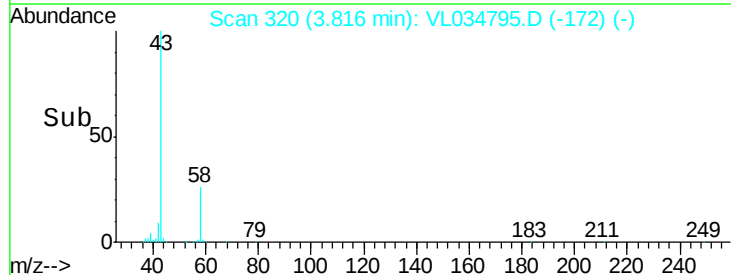
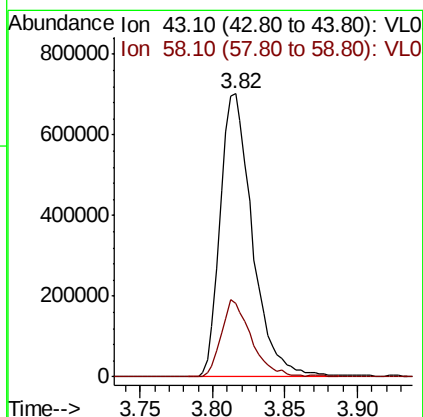
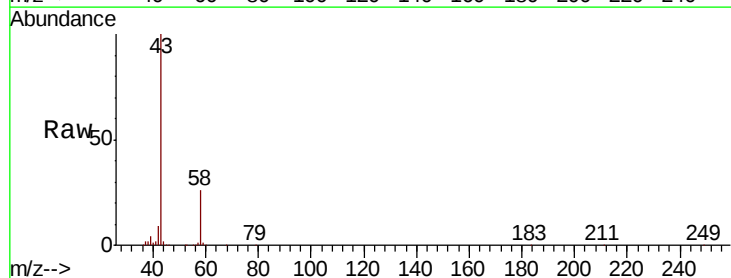
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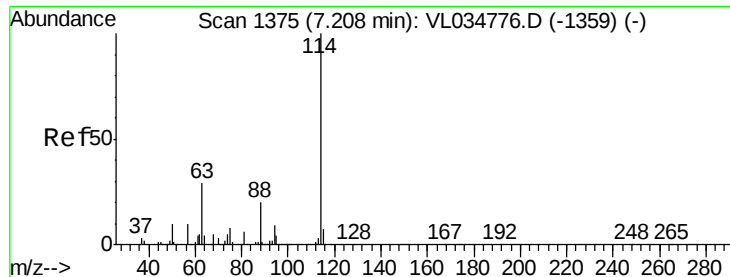
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#15
Acetone
Concen: 8.917 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.02 min
Lab File: VL034795.D
Acq: 5 Mar 2020 14:30

Tgt Ion	43	Resp	1085312
Ion Ratio	100	Lower	Upper
58	25.5	21.0	31.6





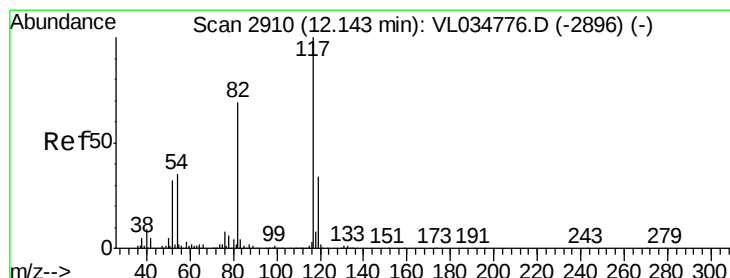
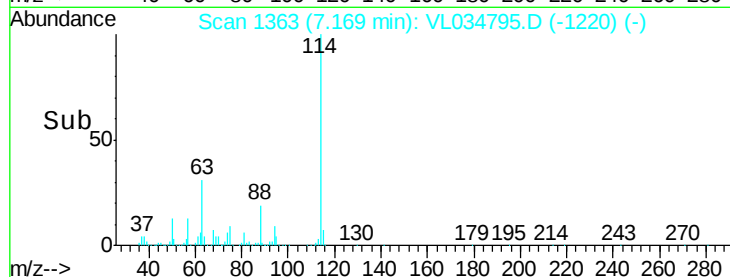
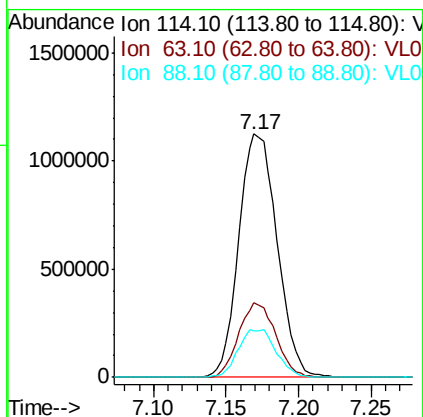
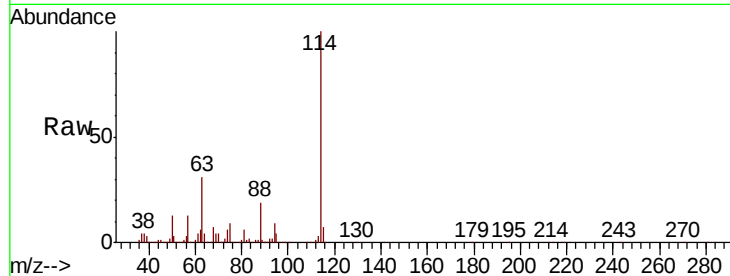
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.04 min
 Lab File: VL034795.D
 Acq: 5 Mar 2020 14:30

Instrument :
 MSVOA_L
 ClientSampled :
 IA-3-4DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.7	23.6	35.4
88	19.5	15.8	23.8

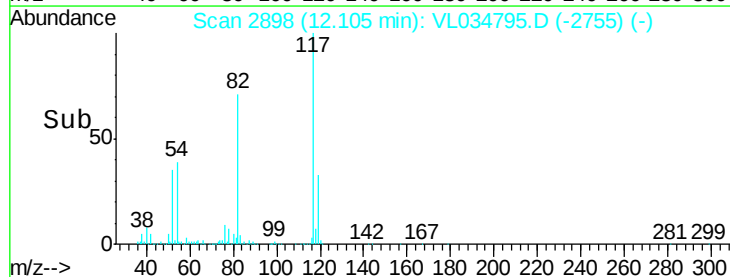
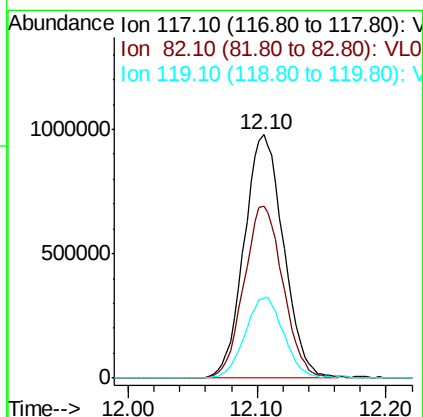
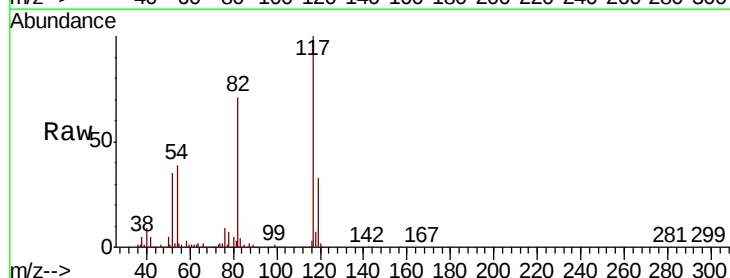
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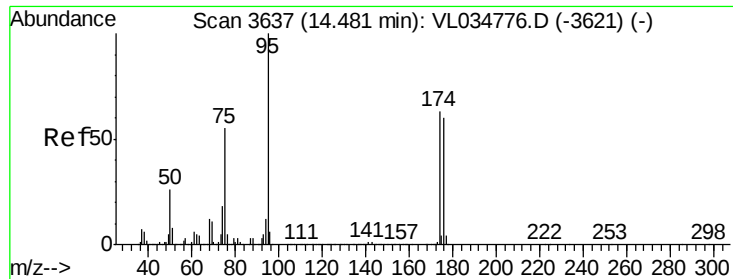
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2898
 Delta R.T. -0.04 min
 Lab File: VL034795.D
 Acq: 5 Mar 2020 14:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	70.4	53.9	80.9
119	32.9	25.0	37.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.903 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. -0.04 min
 Lab File: VL034795.D
 Acq: 5 Mar 2020 14:30

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3-4DL

Tot Ion: 95 Resp: 1719860
 Ion Ratio Lower Upper
 95 100
 174 63.1 50.6 76.0
 175 4.6 3.8 5.6

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