

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035813.D
 Acq On : 3 Nov 2020 21:20
 Operator : SY/AP
 Sample : L4604-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

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 11/5/2020 2:13:58 PM

Quant Time: Nov 04 05:43:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1249694	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	5536663	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	5034333	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3576548	10.00	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	8757m	0.160	ppbv	
13) Ethanol	3.60	45	5486m	0.462	ppbv	
15) Acetone	3.85	43	35847	0.268	ppbv #	55
20) Methylene Chloride	4.33	84	24841	0.264	ppbv	96

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

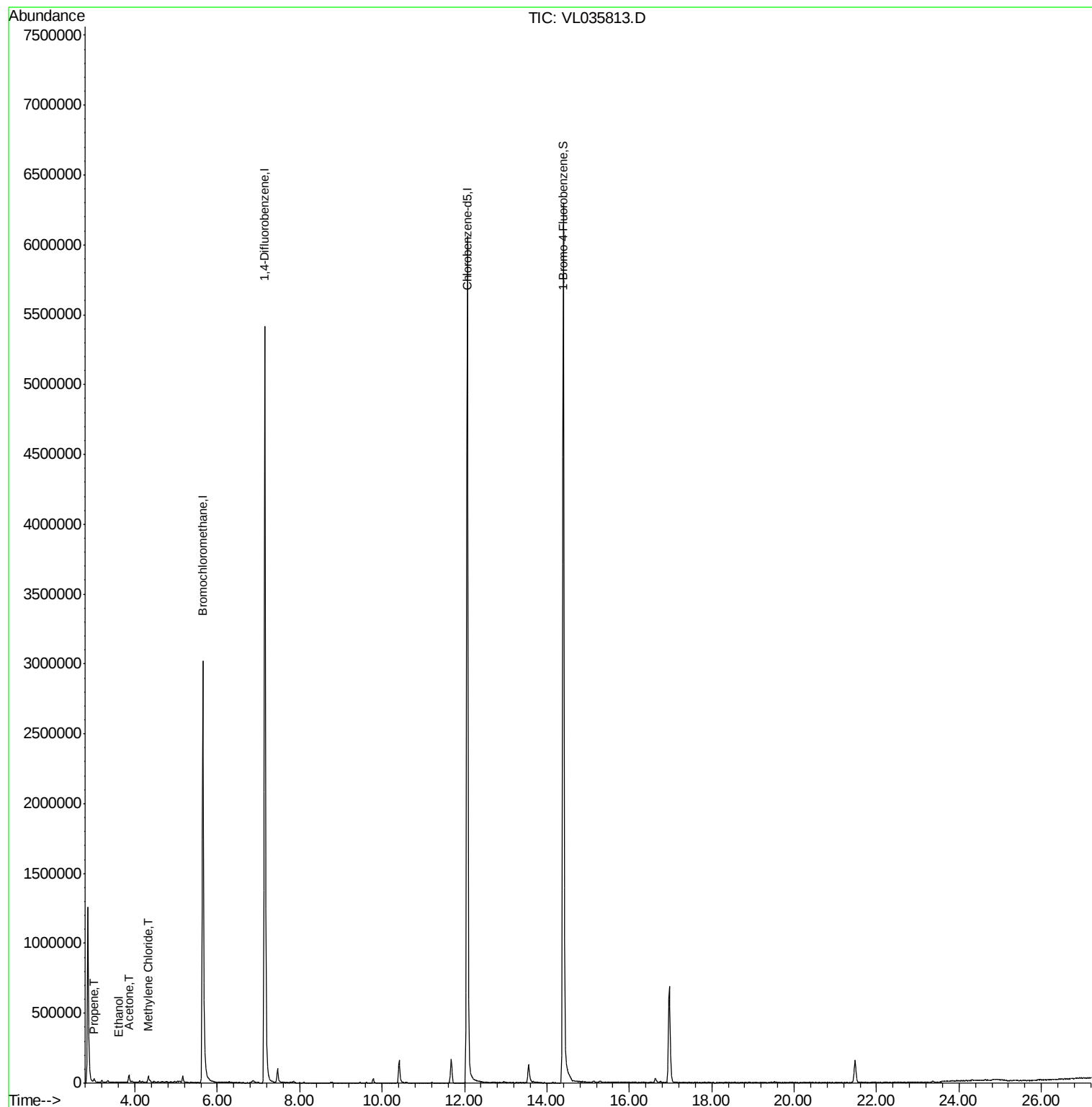
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110320\
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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035813.D

Acq: 3 Nov 2020 21:20

Instrument :

MSVOA_L

ClientSampled :

IA2DL

Tot Ion: 49 Resp: 1249694

Ion Ratio Lower Upper

49 100

128 93.4 41.5 124.6

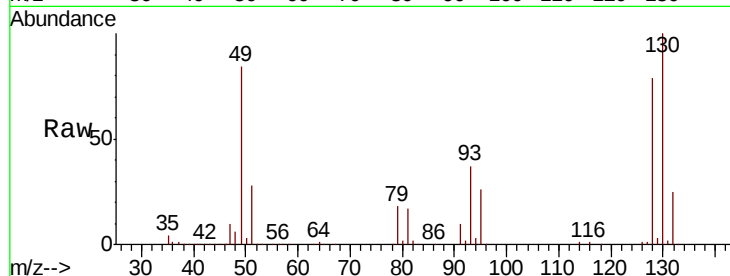
130 120.3 53.7 161.1

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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

5.65

800000

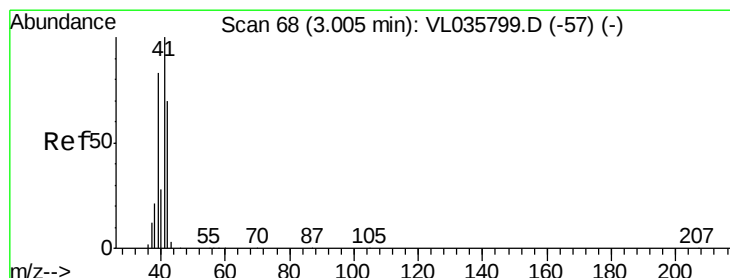
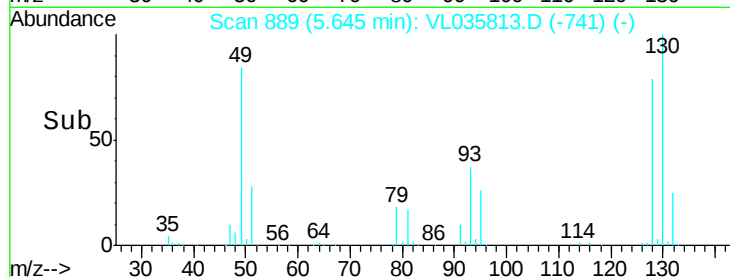
600000

400000

200000

0

Time-->



#9

Propene

Concen: 0.160 ppbv m

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL035813.D

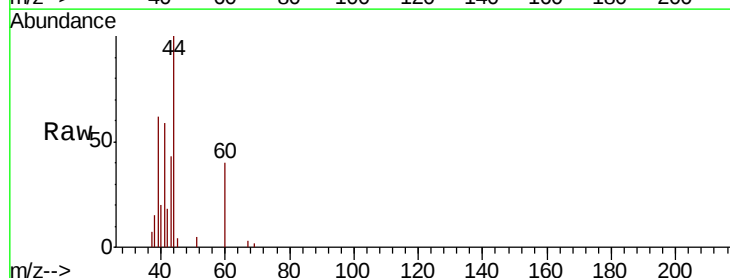
Acq: 3 Nov 2020 21:20

Tgt Ion: 41 Resp: 8757

Ion Ratio Lower Upper

41 100

42 0.0 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.00

4000

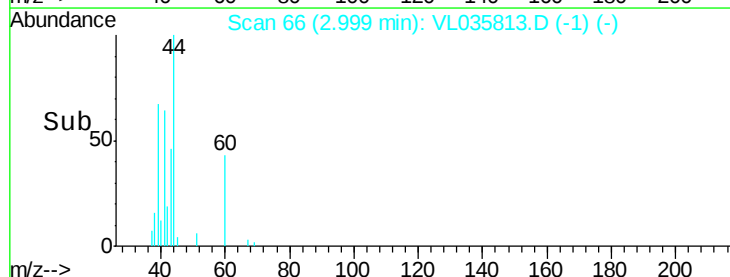
3000

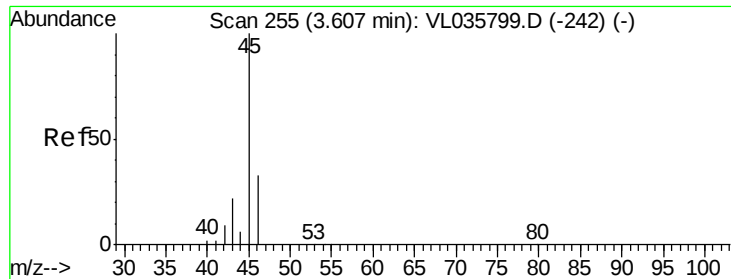
2000

1000

0

Time-->





#13

Ethanol

Concen: 0.462 ppbv m

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL035813.D

Acq: 3 Nov 2020 21:20

Instrument :

MSVOA_L

ClientSampleId :

IA2DL

Tot Ion: 45 Resp: 5486

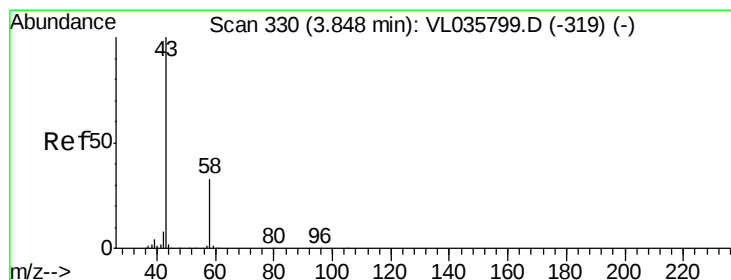
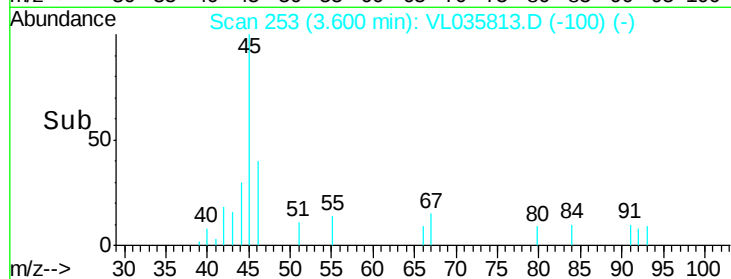
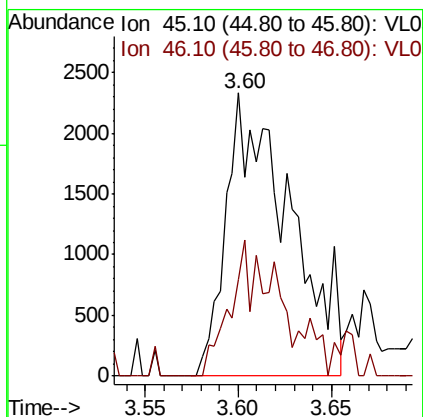
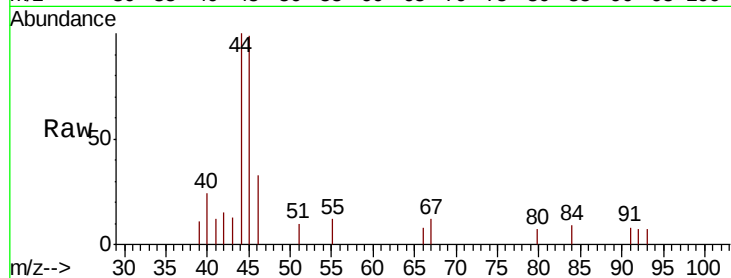
Ion Ratio Lower Upper

45 100

46 0.0 16.1 64.5#

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#15

Acetone

Concen: 0.268 ppbv

RT: 3.85 min Scan# 330

Delta R.T. -0.00 min

Lab File: VL035813.D

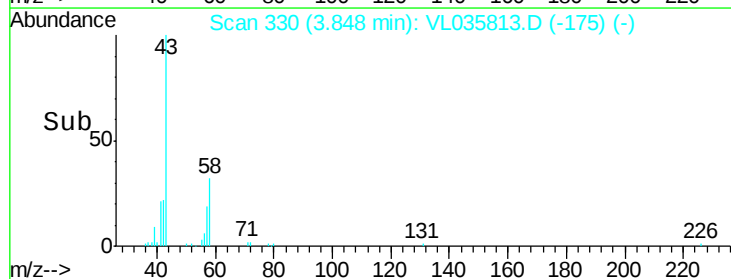
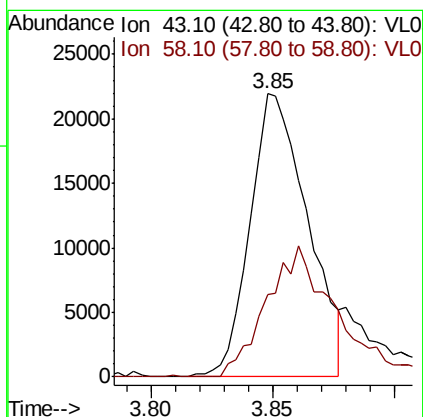
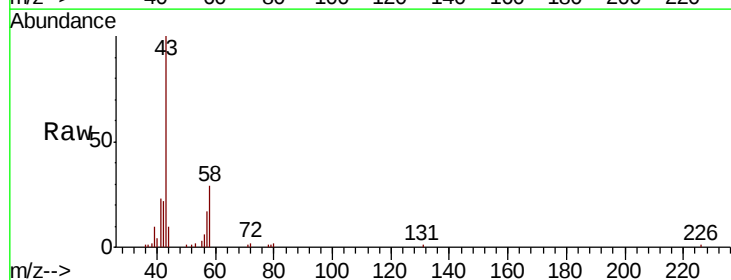
Acq: 3 Nov 2020 21:20

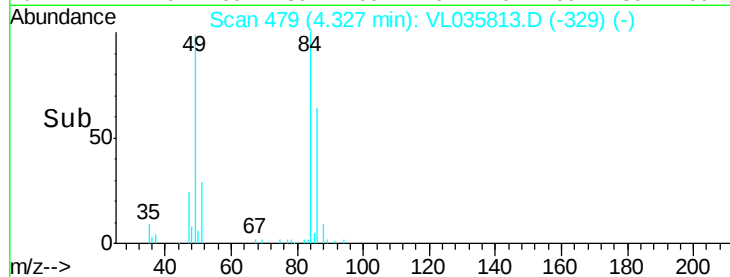
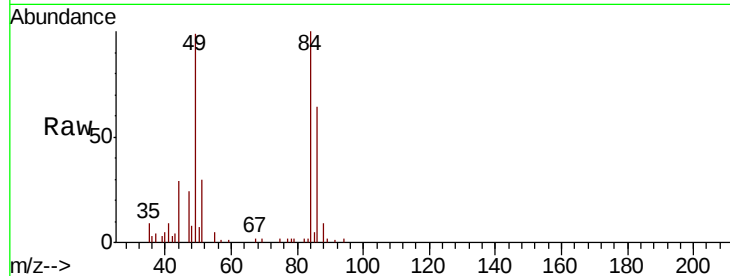
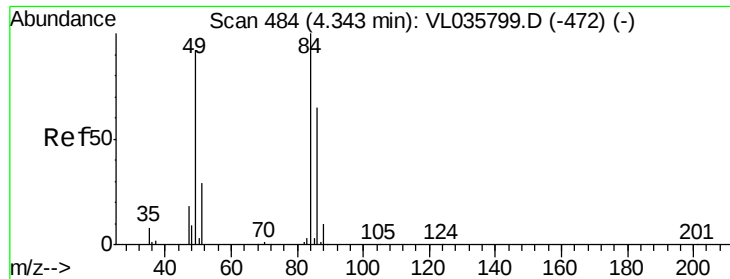
Tgt Ion: 43 Resp: 35847

Ion Ratio Lower Upper

43 100

58 60.1 27.5 41.3#





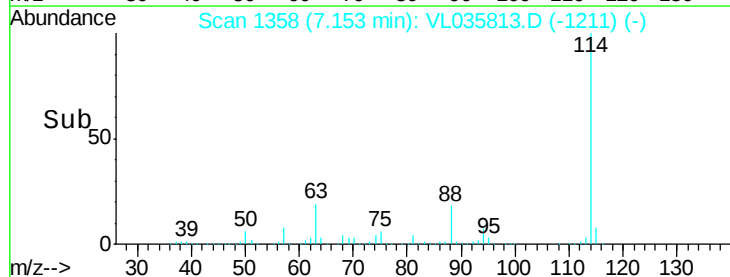
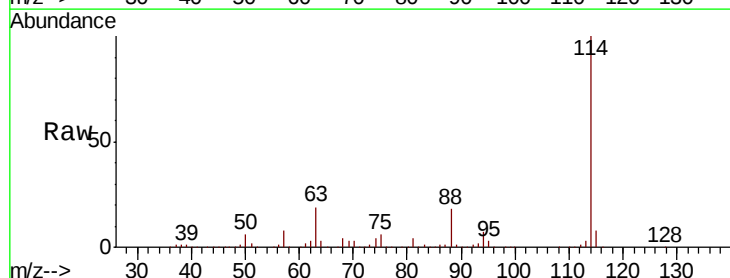
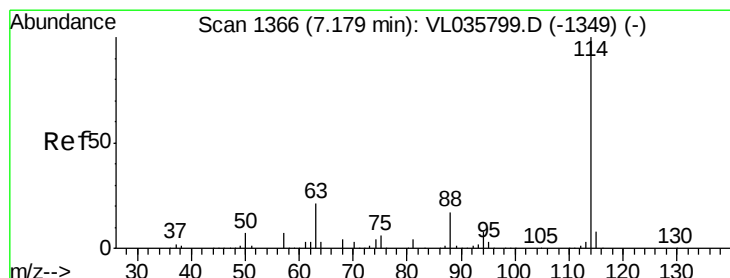
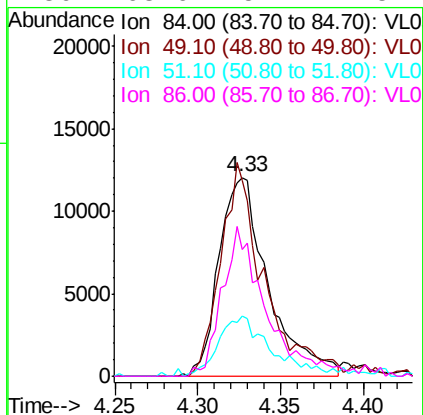
#20
Methvlene Chloride
Concen: 0.264 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL035813.D
Acq: 3 Nov 2020 21:20

Tot Ion	84	Resp	24841
Ion Ratio	Lower	Upper	
84	100		
49	98.6	73.8	110.8
51	28.9	23.0	34.4
86	63.6	52.1	78.1

Instrument :
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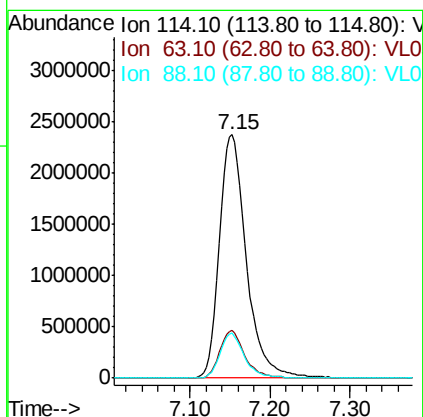
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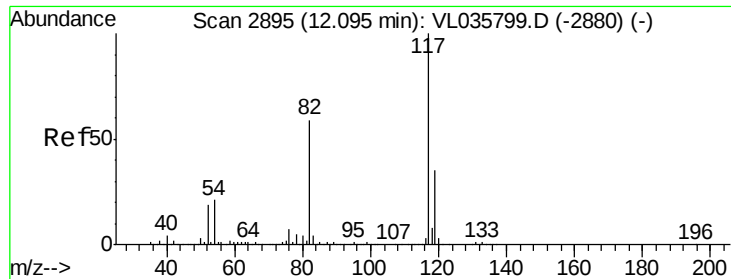
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.03 min
Lab File: VL035813.D
Acq: 3 Nov 2020 21:20

Tgt Ion	114	Resp	5536663
Ion Ratio	Lower	Upper	
114	100		
63	18.4	16.1	24.1
88	16.9	13.7	20.5





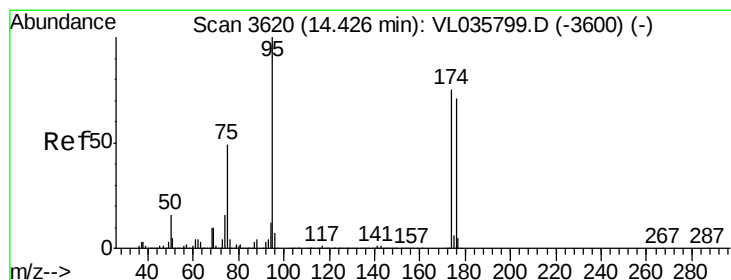
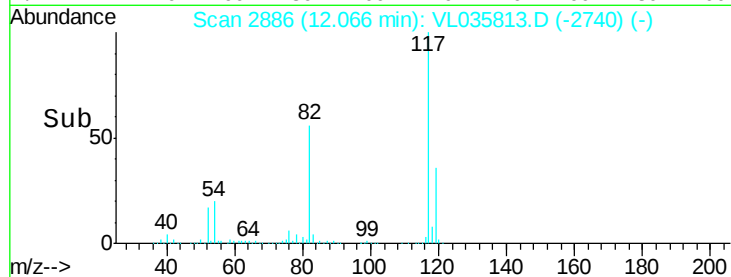
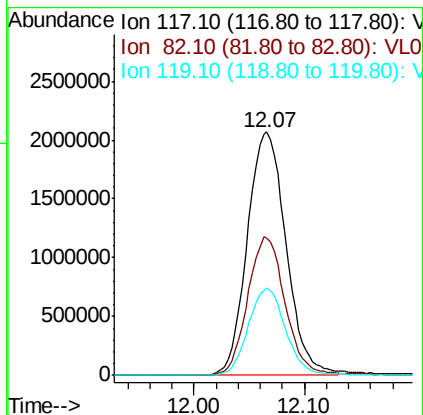
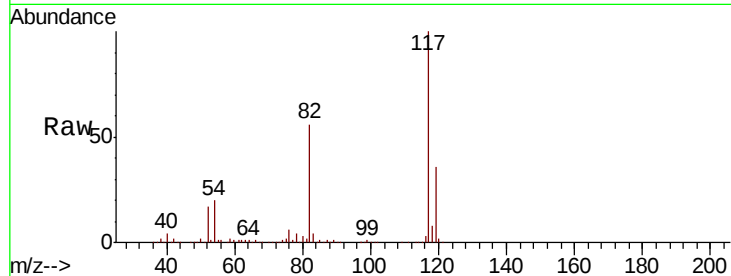
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL035813.D
Acq: 3 Nov 2020 21:20

Instrument :
MSVOA_L
ClientSampled :
IA2DL

Tot Ion:117 Resp: 5034333
Ion Ratio Lower Upper
117 100
82 55.9 50.6 76.0
119 35.3 52.6 78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.999 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.03 min
Lab File: VL035813.D
Acq: 3 Nov 2020 21:20

Tgt Ion: 95 Resp: 3576548
Ion Ratio Lower Upper
95 100
174 78.0 59.8 89.6
175 5.6 4.3 6.5

