

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035811.D
 Acq On : 3 Nov 2020 20:01
 Operator : SY/AP
 Sample : L4604-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
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 11/5/2020 2:13:50 PM

Quant Time: Nov 04 05:39:07 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	1264349	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	5619710	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	5166993	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	3599242	9.80	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	6838	0.123	ppbv	100
13) Ethanol	3.61	45	15196m	1.264	ppbv	
15) Acetone	3.85	43	43115	0.319	ppbv #	58
20) Methylene Chloride	4.32	84	32545	0.342	ppbv	96
26) Hexane	5.67	57	21108	0.144	ppbv #	49

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

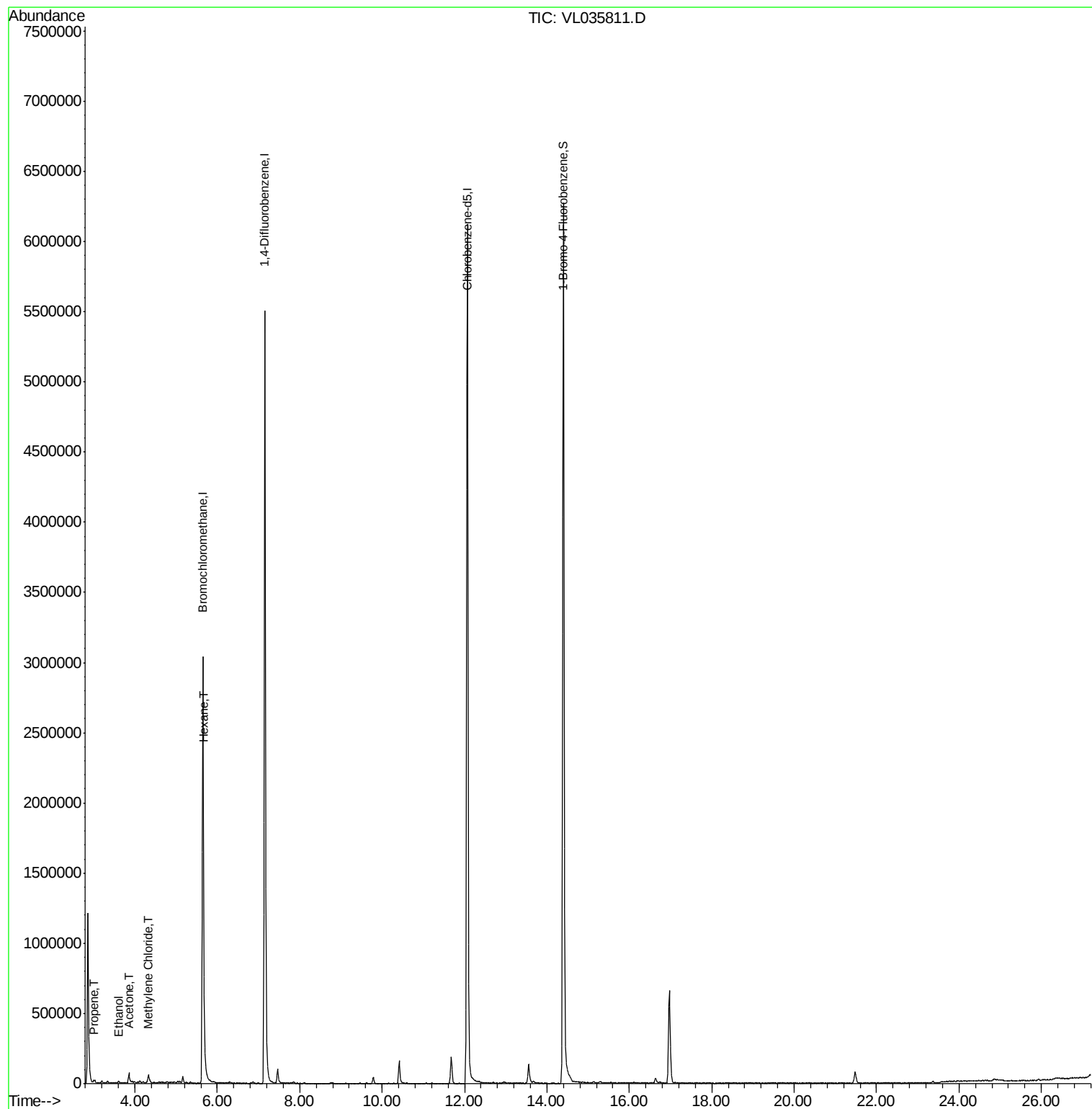
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110320\
Data File : VL035811.D
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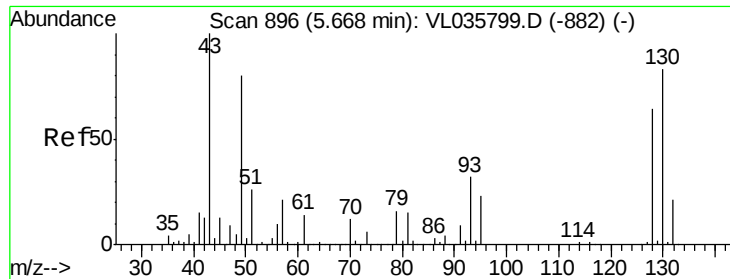
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

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Quant Time: Nov 04 05:39:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
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: VL035811.D

Acq: 3 Nov 2020 20:01

Instrument :

MSVOA_L

ClientSampled :

QA1DL

Tot Ion: 49 Resp: 1264349

Ion Ratio Lower Upper

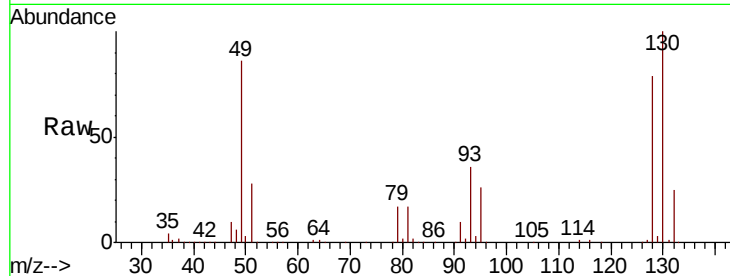
49 100

128 93.6 41.5 124.6

130 120.2 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): V

Ion 130.00 (129.70 to 130.70): V

800000

600000

400000

200000

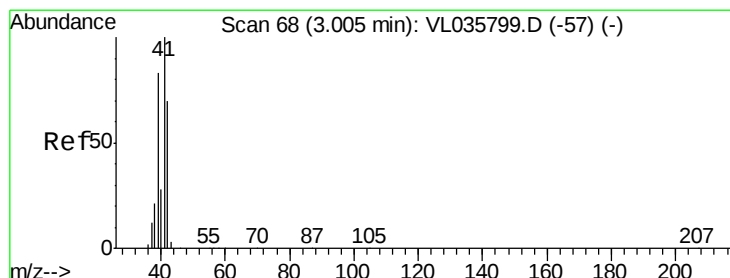
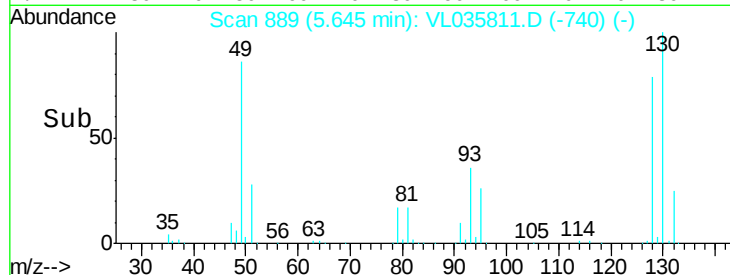
0

5.65

5.70

5.80

Time-->



#9

Propene

Concen: 0.123 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL035811.D

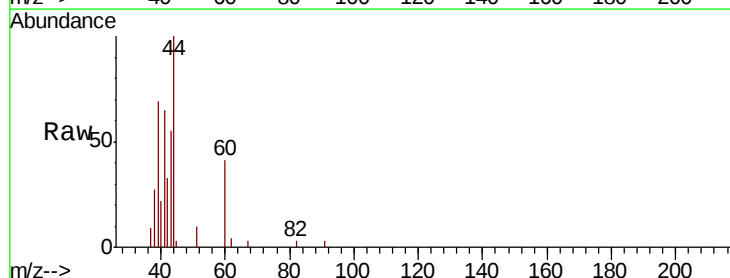
Acq: 3 Nov 2020 20:01

Tgt Ion: 41 Resp: 6838

Ion Ratio Lower Upper

41 100

42 70.6 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

4000

3000

2000

1000

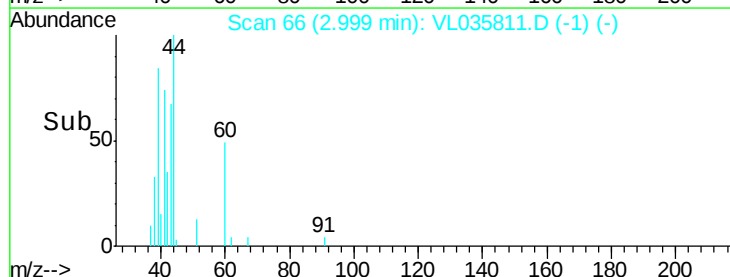
0

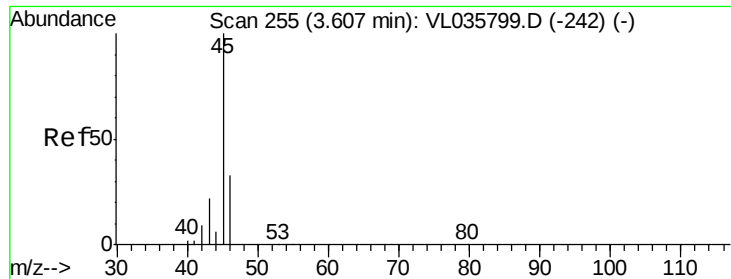
3.00

2.95

3.00

Time-->





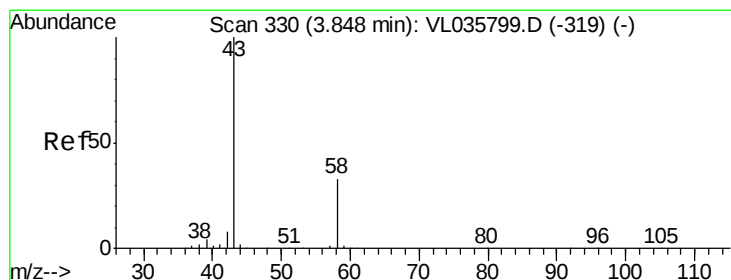
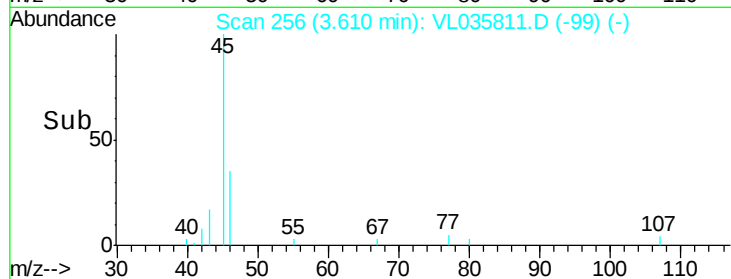
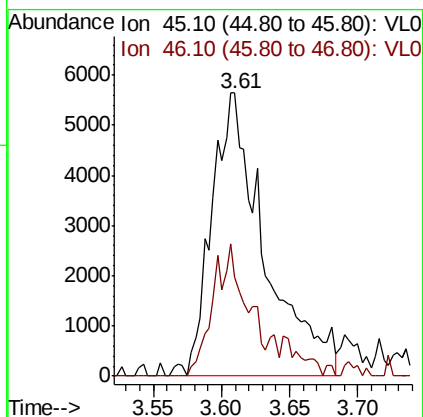
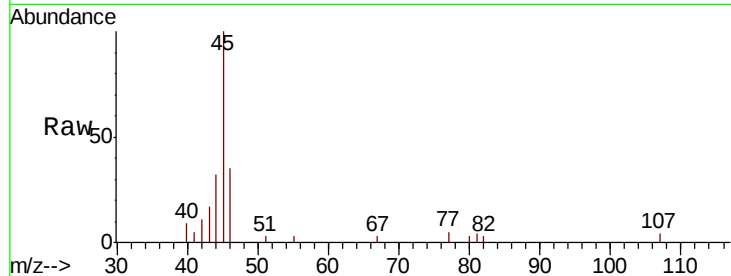
#13
Ethanol
Concen: 1.264 ppbv m
RT: 3.61 min Scan# 256
Delta R.T. 0.00 min
Lab File: VL035811.D
Acq: 3 Nov 2020 20:01

Instrument :
MSVOA_L
ClientSampleId :
QA1DL

Tot Ion	45	46	Ratio	Lower	Upper
15196	100	0.0		16.1	64.5#

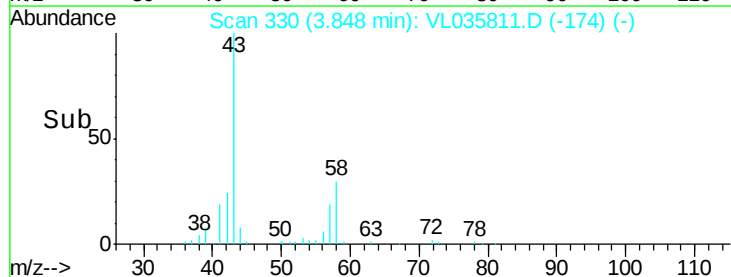
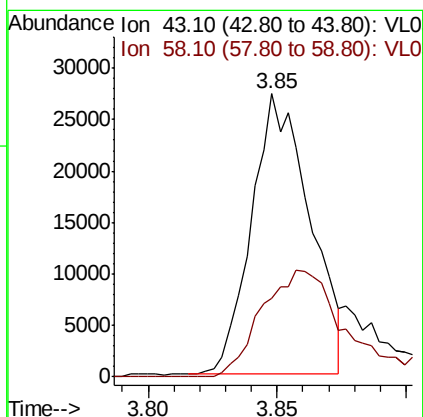
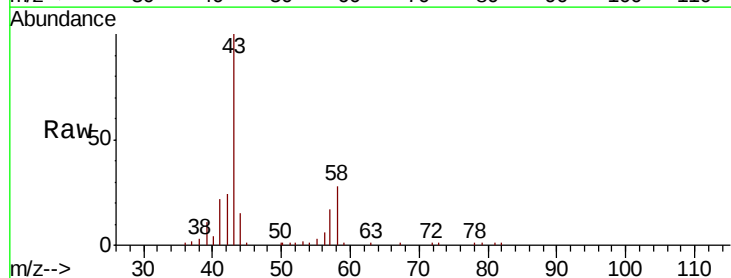
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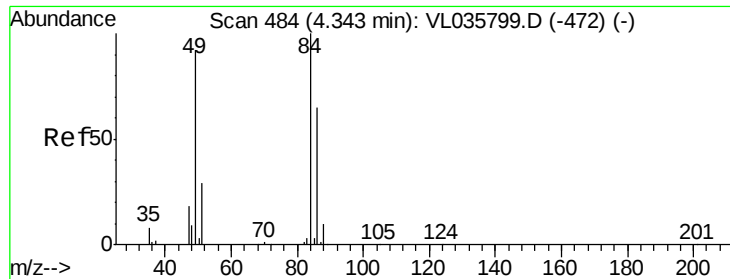
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#15
Acetone
Concen: 0.319 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.00 min
Lab File: VL035811.D
Acq: 3 Nov 2020 20:01

Tgt Ion	43	58	Ratio	Lower	Upper
43115	100	58.4		27.5	41.3#





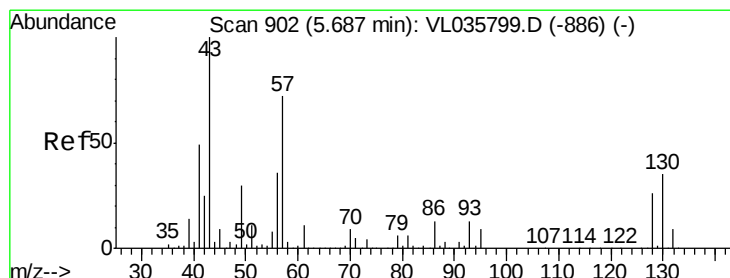
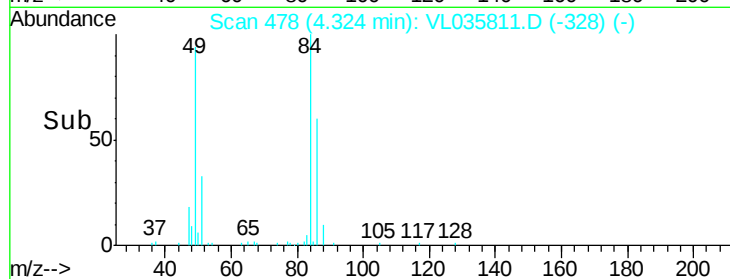
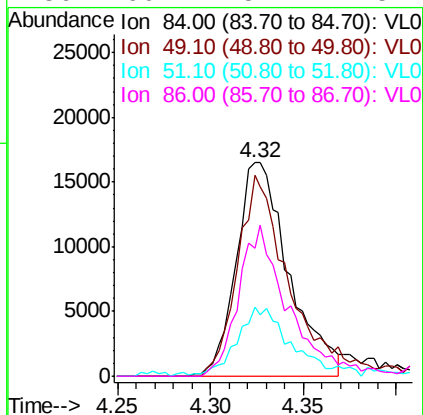
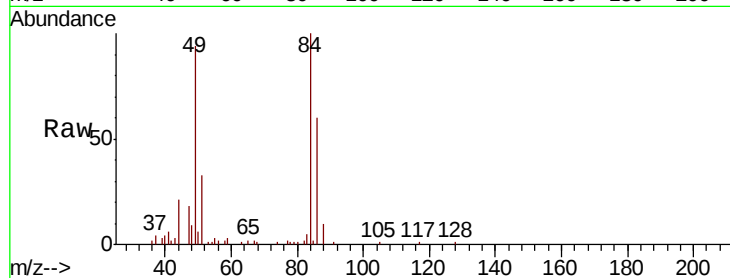
#20
Methvlene Chloride
Concen: 0.342 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035811.D
Acq: 3 Nov 2020 20:01

Instrument :
MSVOA_L
ClientSampled :
QA1DL

Tot Ion:	84	Resp:	32545
Ion	Ratio	Lower	Upper
84	100		
49	94.0	73.8	110.8
51	31.7	23.0	34.4
86	60.1	52.1	78.1

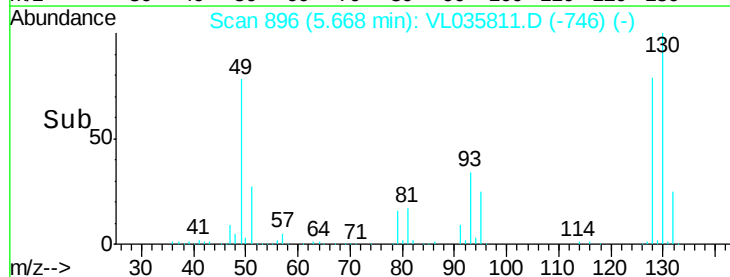
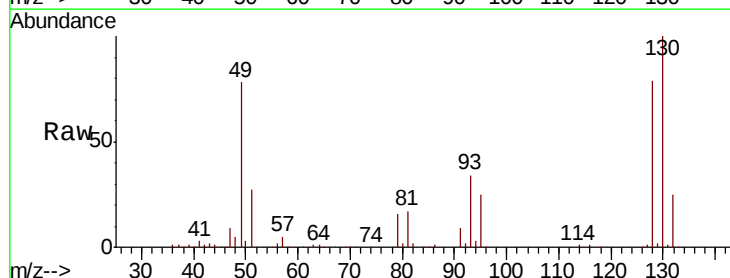
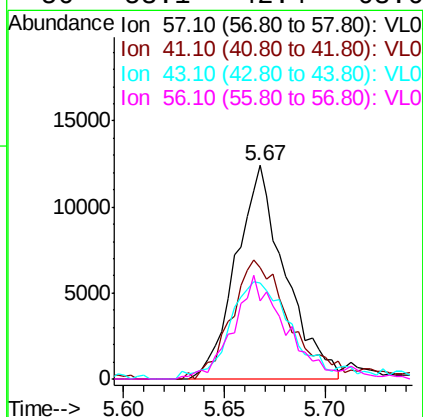
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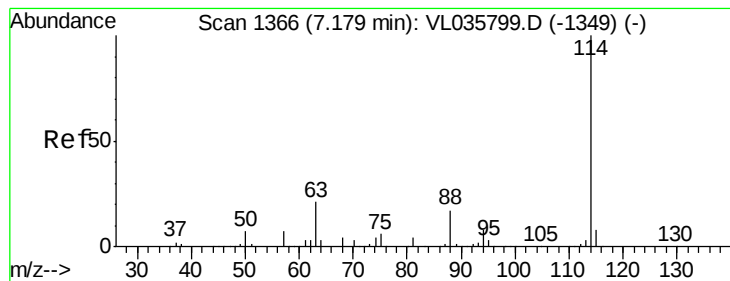
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#26
Hexane
Concen: 0.144 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL035811.D
Acq: 3 Nov 2020 20:01

Tgt Ion:	57	Resp:	21108
Ion	Ratio	Lower	Upper
57	100		
41	72.0	58.9	88.3
43	63.5	150.2	225.2#
56	53.1	42.4	63.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.03 min

Lab File: VL035811.D

Acq: 3 Nov 2020 20:01

Instrument :

MSVOA_L

ClientSampleId :

QA1DL

Tot Ion:114 Resp: 5619710

Ion Ratio Lower Upper

114 100

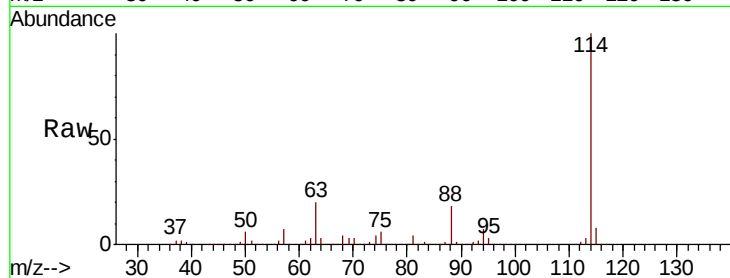
63 18.3 16.1 24.1

88 17.1 13.7 20.5

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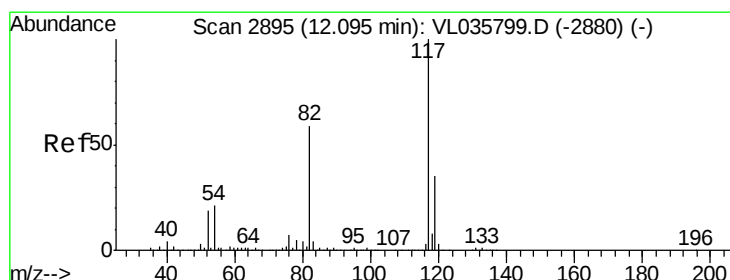
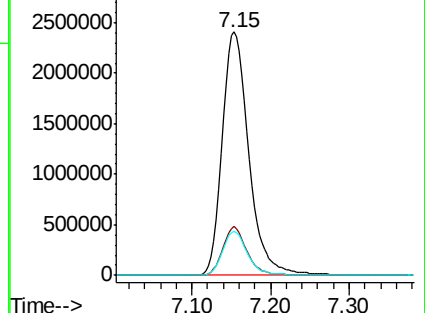
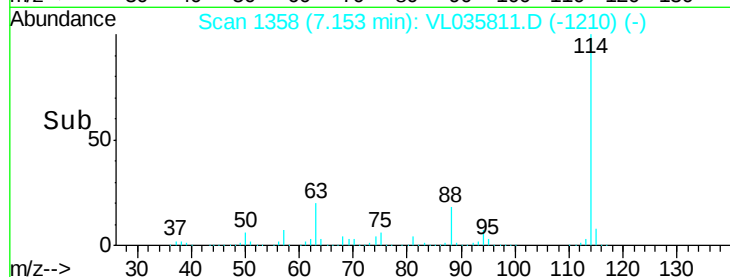
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Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. -0.03 min

Lab File: VL035811.D

Acq: 3 Nov 2020 20:01

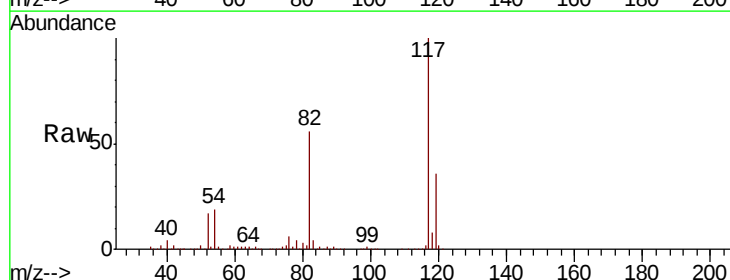
Tgt Ion:117 Resp: 5166993

Ion Ratio Lower Upper

117 100

82 55.7 50.6 76.0

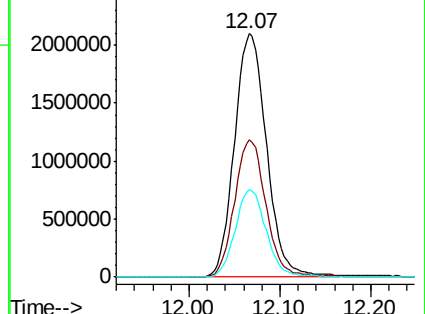
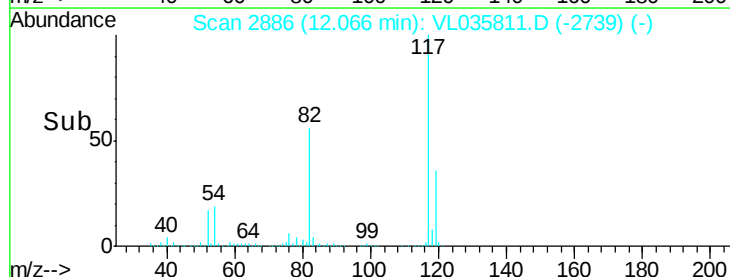
119 35.1 52.6 78.8#

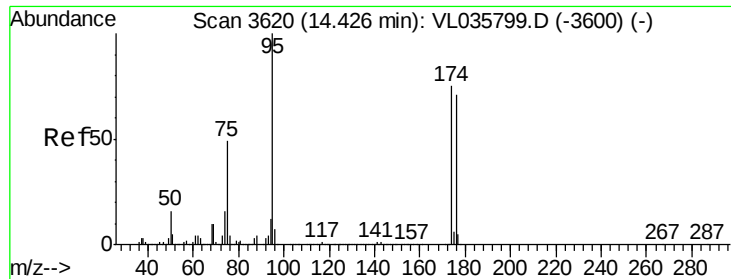


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.804 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. -0.03 min
 Lab File: VL035811.D
 Acq: 3 Nov 2020 20:01

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Tot Ion:	95	Resp:	3599242
Ion Ratio	Lower	Upper	
95	100		
174	77.1	59.8	89.6
175	5.4	4.3	6.5

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