

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035819.D
 Acq On : 4 Nov 2020 1:12
 Operator : SY/AP
 Sample : L4604-03DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

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 11/5/2020 2:14:28 PM

Quant Time: Nov 04 06:02:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 06:02:02 2020
 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	5.64	49	1191279	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	5228671	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4762557	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3413759	10.09	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	7489m	0.143	ppbv	
13) Ethanol	3.61	45	4556m	0.402	ppbv	
15) Acetone	3.85	43	46764	0.367	ppbv #	73
20) Methylene Chloride	4.32	84	31436m	0.351	ppbv	

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

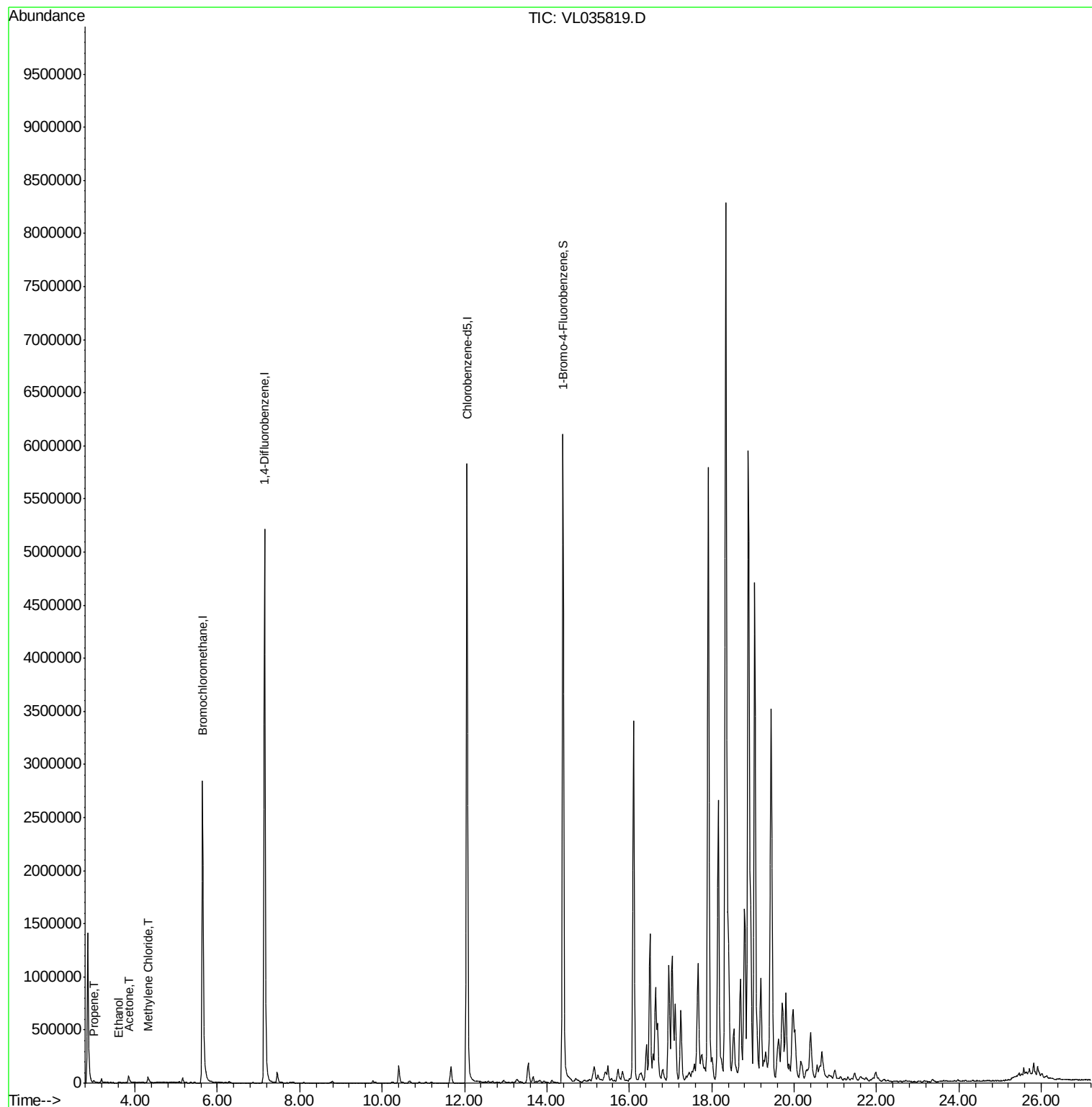
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110320\
Data File : VL035819.D
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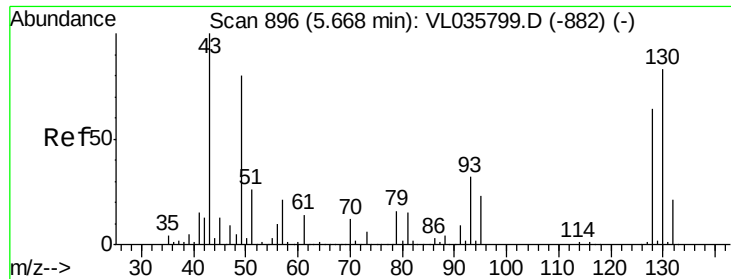
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

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11/5/2020 2:14:28 PM

Quant Time: Nov 04 06:02:02 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: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035819.D

Acq: 4 Nov 2020 1:12

Instrument :

MSVOA_L

ClientSampled :

SV2DL

Tot Ion: 49 Resp: 1191279

Ion Ratio Lower Upper

49 100

128 92.5 41.5 124.6

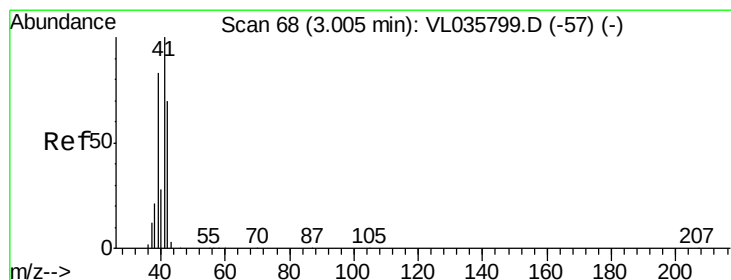
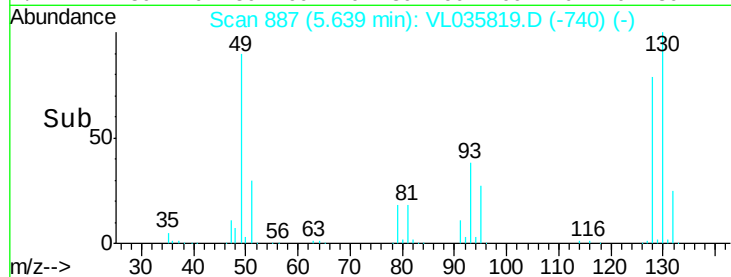
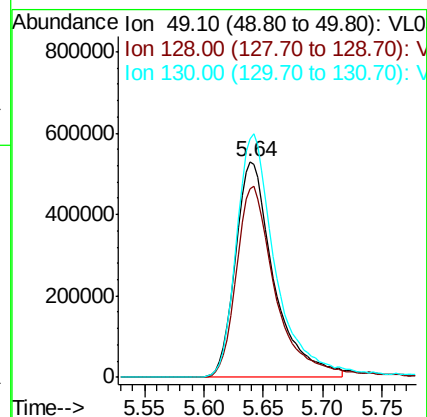
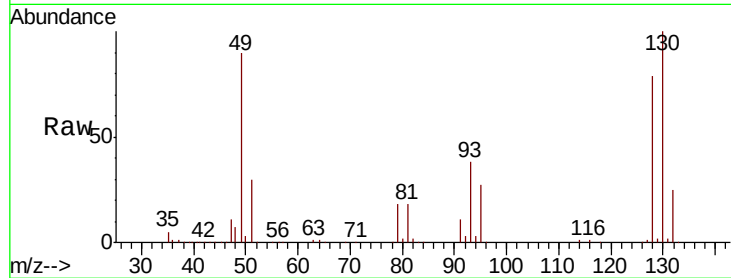
130 118.2 53.7 161.1

Manual Integrations

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#9

Propene

Concen: 0.143 ppbv m

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL035819.D

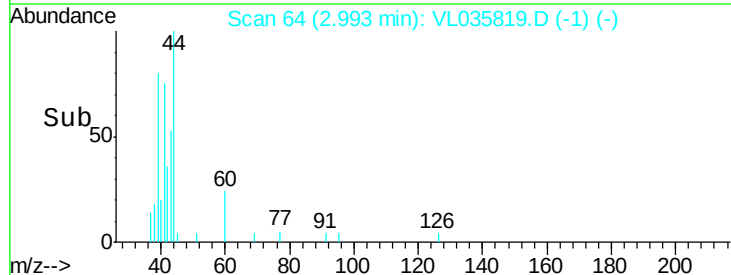
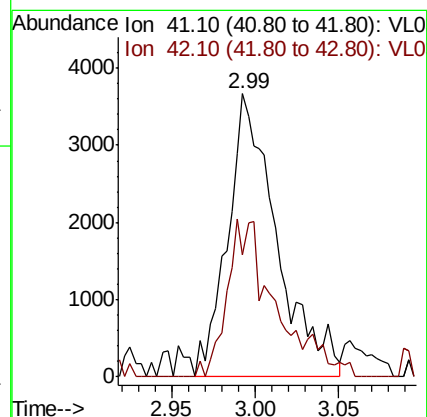
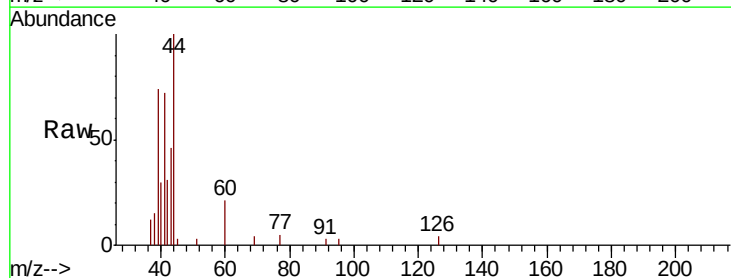
Acq: 4 Nov 2020 1:12

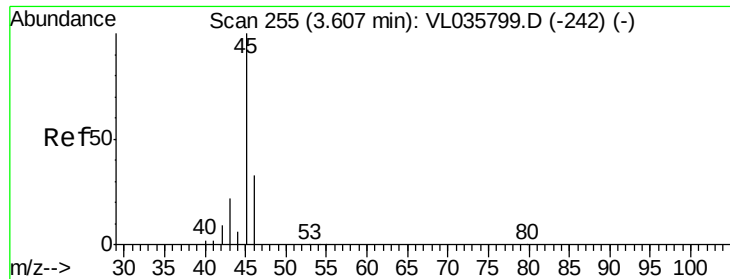
Tgt Ion: 41 Resp: 7489

Ion Ratio Lower Upper

41 100

42 16.6 56.2 84.4#





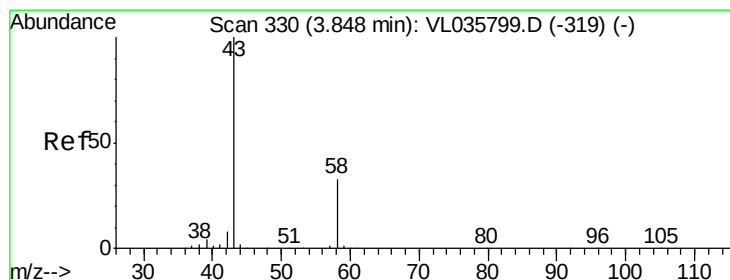
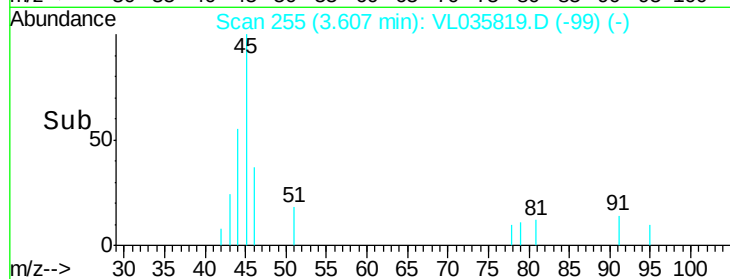
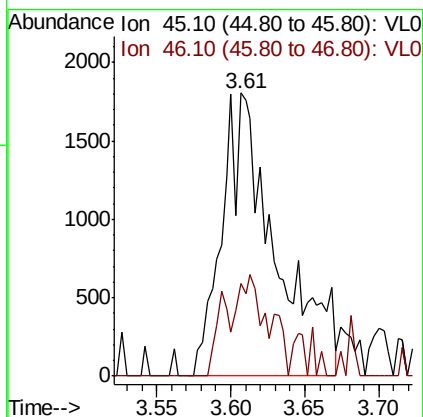
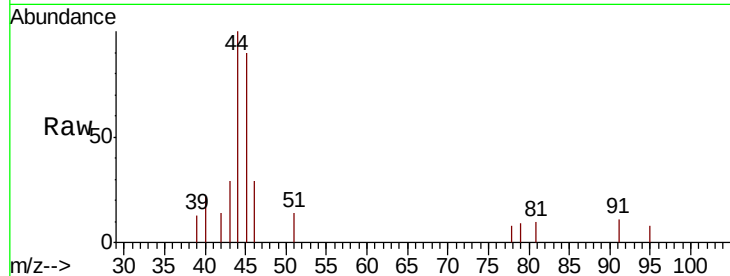
#13
Ethanol
Concen: 0.402 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: VL035819.D
Acq: 4 Nov 2020 1:12

Instrument :
MSVOA_L
ClientSampled :
SV2DL

Tot Ion	45	46	Ratio	Lower	Upper
4556	100	0.0		16.1	64.5#

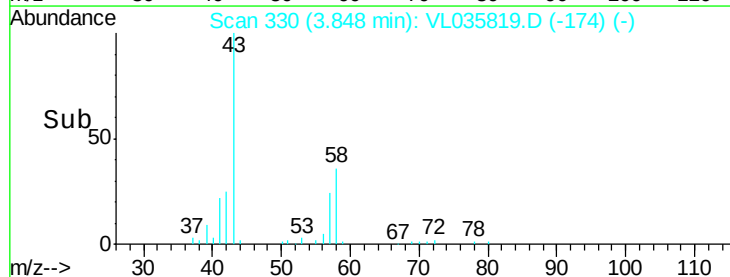
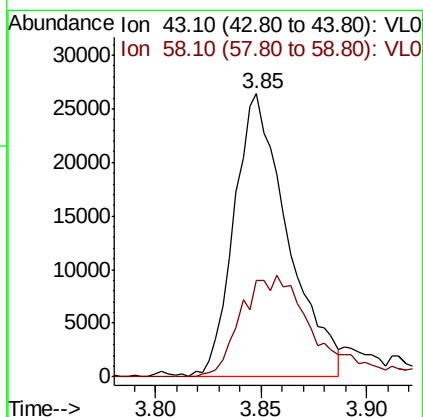
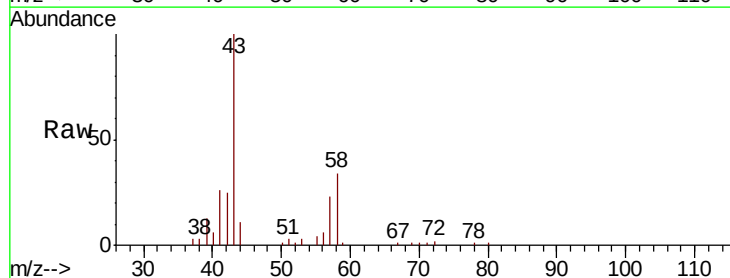
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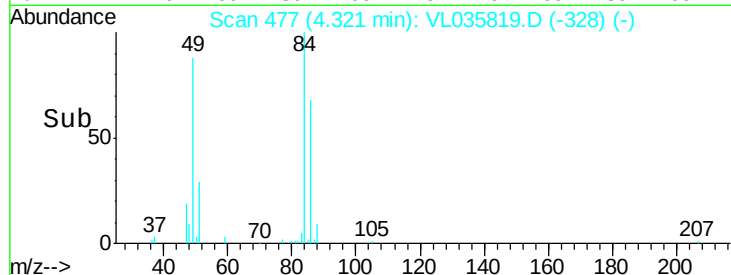
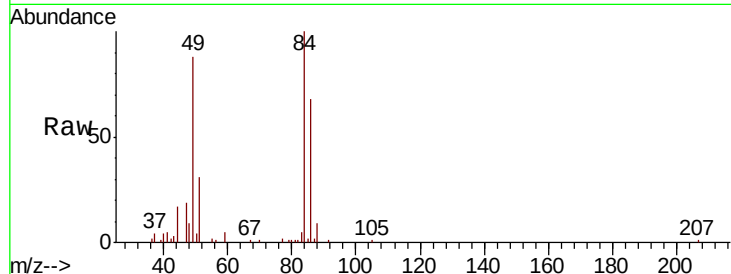
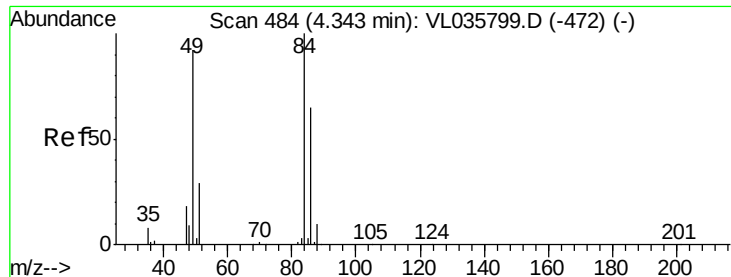
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#15
Acetone
Concen: 0.367 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.00 min
Lab File: VL035819.D
Acq: 4 Nov 2020 1:12

Tgt Ion	43	58	Ratio	Lower	Upper
46764	100	49.8		27.5	41.3#





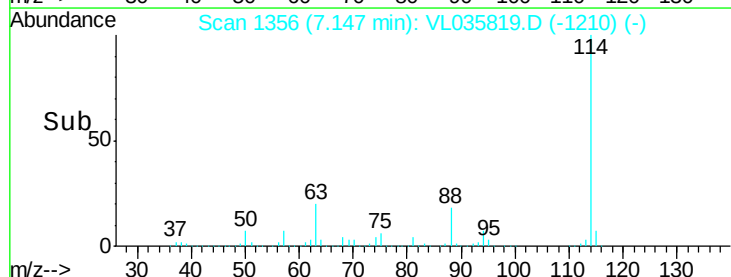
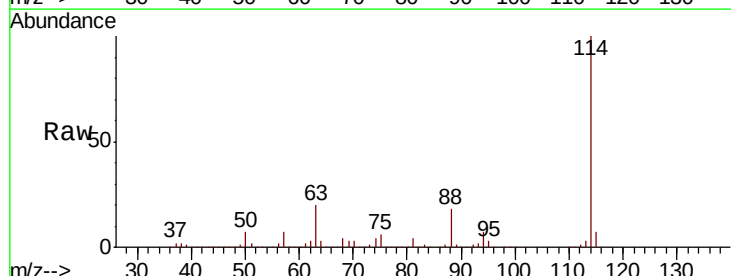
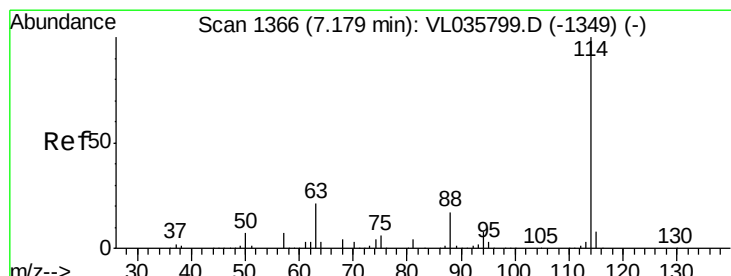
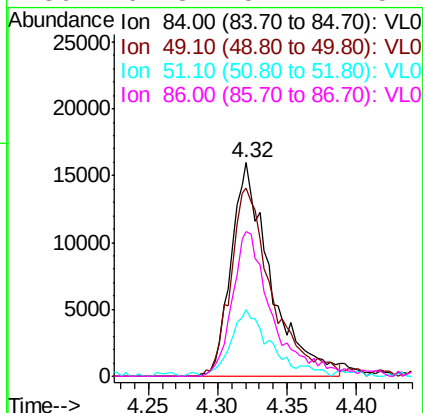
#20
Methylene Chloride
Concen: 0.351 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035819.D
Acq: 4 Nov 2020 1:12

Tot Ion	84	Resp	31436
Ion	Ratio	Lower	Upper
84	100		
49	88.1	73.8	110.8
51	30.9	23.0	34.4
86	67.8	52.1	78.1

Instrument :
MSVOA_L
ClientSampled :
SV2DL

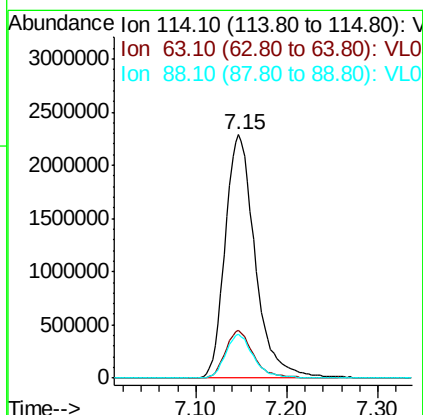
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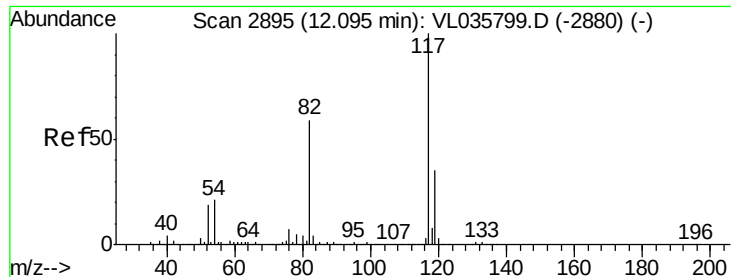
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL035819.D
Acq: 4 Nov 2020 1:12

Tgt Ion	114	Resp	5228671
Ion	Ratio	Lower	Upper
114	100		
63	18.5	16.1	24.1
88	16.9	13.7	20.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2884

Delta R.T. -0.04 min

Lab File: VL035819.D

Acq: 4 Nov 2020 1:12

Instrument :

MSVOA_L

ClientSampled :

SV2DL

Tot Ion:117 Resp: 4762557

Ion Ratio Lower Upper

117 100

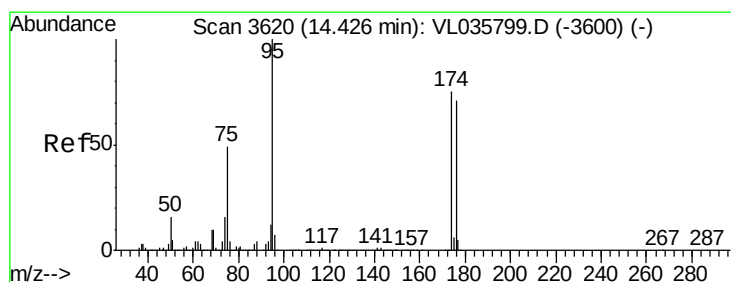
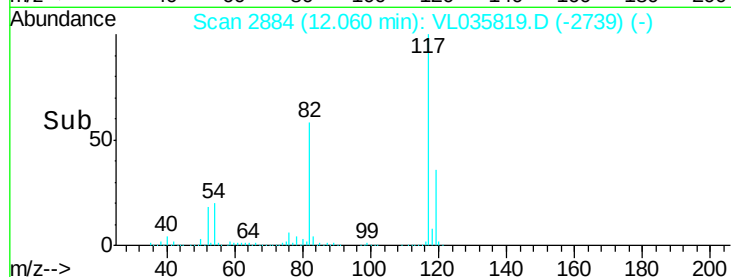
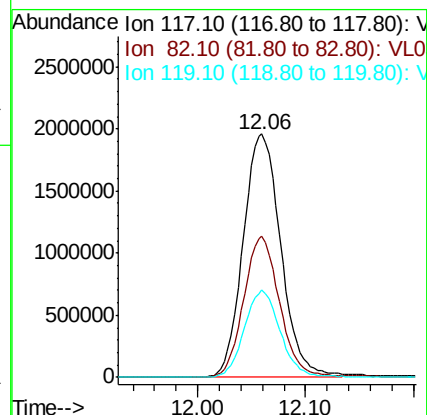
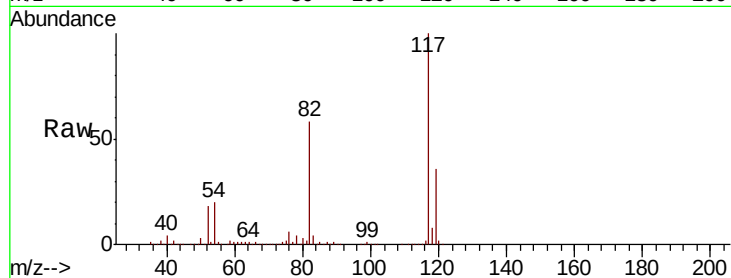
82 56.5 50.6 76.0

119 34.8 52.6 78.8#

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.089 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.04 min

Lab File: VL035819.D

Acq: 4 Nov 2020 1:12

Tgt Ion: 95 Resp: 3413759

Ion Ratio Lower Upper

95 100

174 76.5 59.8 89.6

175 5.4 4.3 6.5

