

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035821.D
 Acq On : 4 Nov 2020 2:28
 Operator : SY/AP
 Sample : L4610-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

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 11/5/2020 2:14:34 PM

Quant Time: Nov 04 06:09:15 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	5.64	49	1205755	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	5290957	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4836583	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3466579	10.09	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	4428m	0.386	ppbv	
15) Acetone	3.84	43	46473	0.361	ppbv #	60
20) Methylene Chloride	4.32	84	30024	0.331	ppbv	96
26) Hexane	5.66	57	17651	0.126	ppbv #	46

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

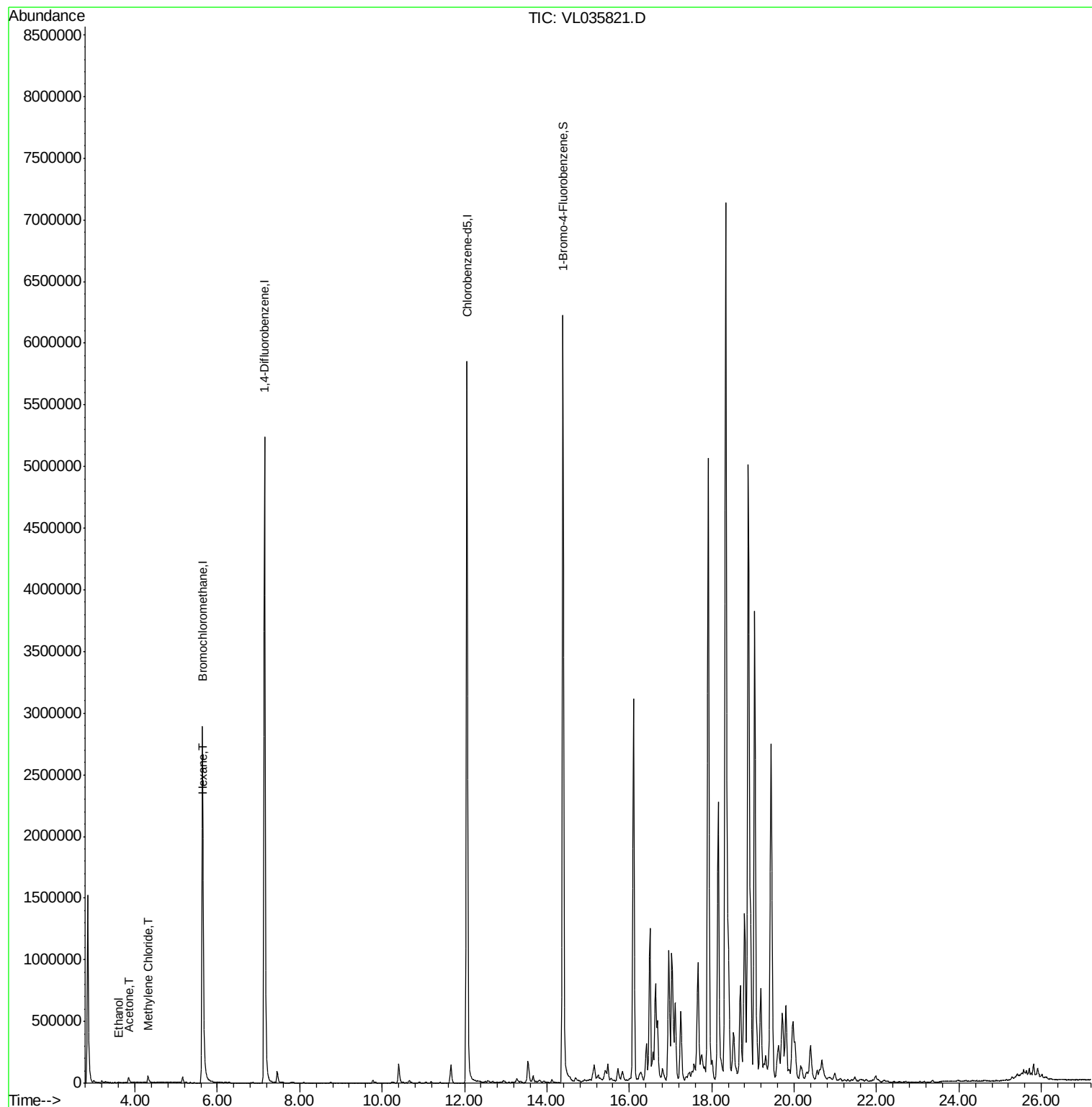
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110320\
Data File : VL035821.D
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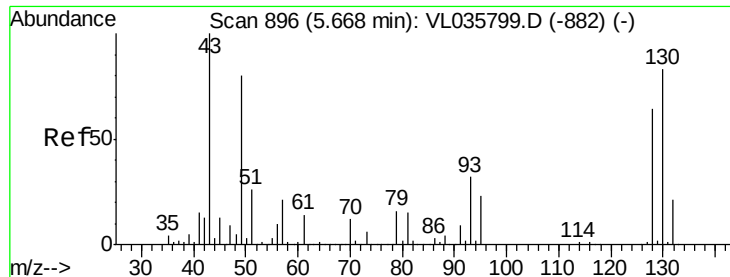
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Nov 04 06:09:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035821.D

Acq: 4 Nov 2020 2:28

Instrument :

MSVOA_L

ClientSampled :

SV1DL

Tot Ion: 49 Resp: 1205755

Ion Ratio Lower Upper

49 100

128 92.5 41.5 124.6

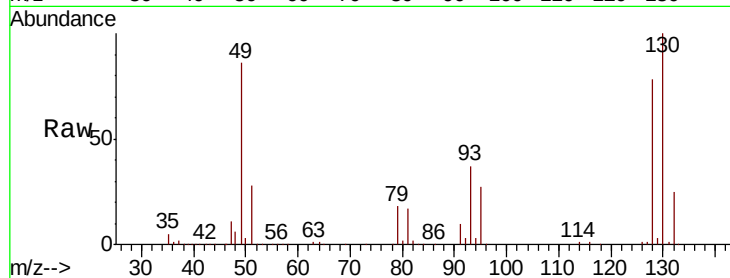
130 119.4 53.7 161.1

Manual Integrations

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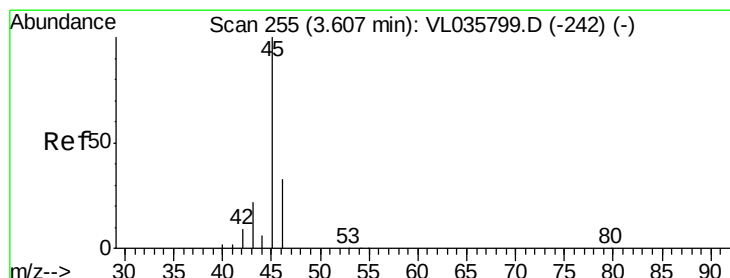
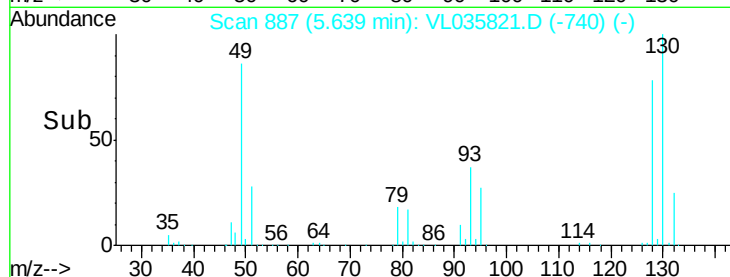
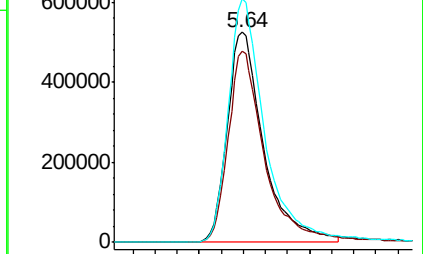
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 0.386 ppbv m

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL035821.D

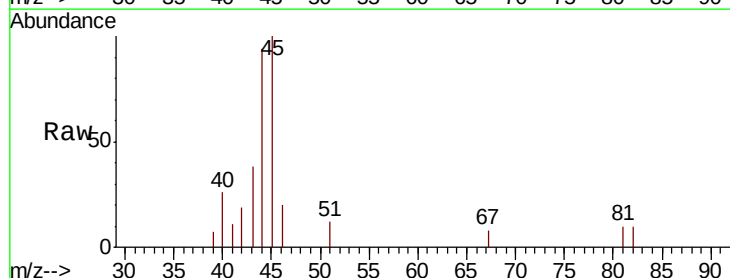
Acq: 4 Nov 2020 2:28

Tgt Ion: 45 Resp: 4428

Ion Ratio Lower Upper

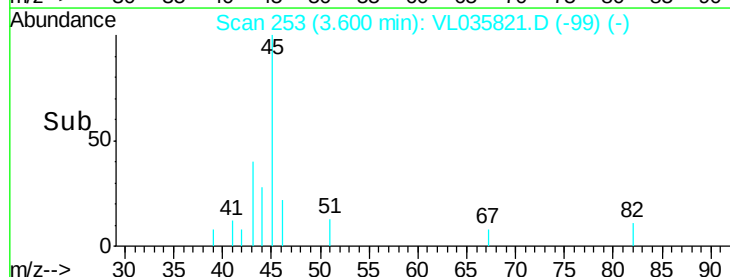
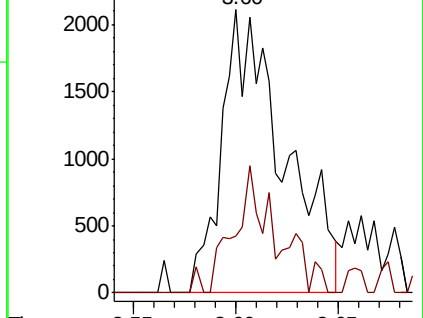
45 100

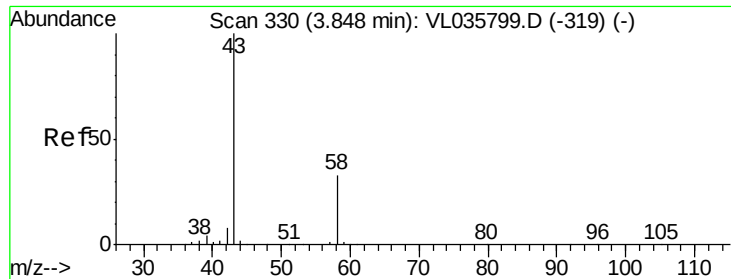
46 0.0 16.1 64.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





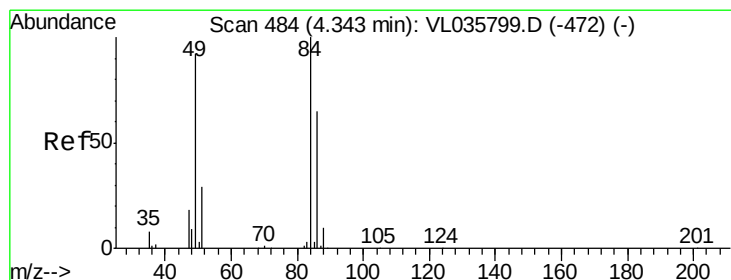
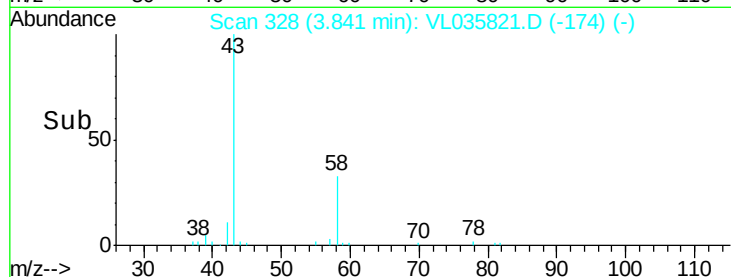
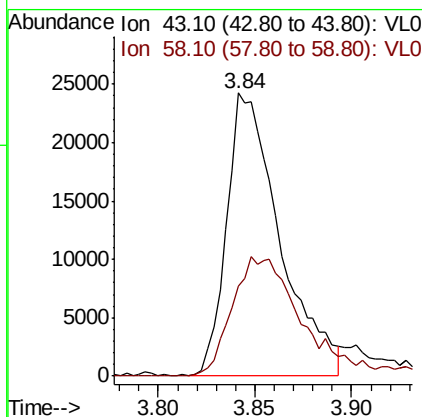
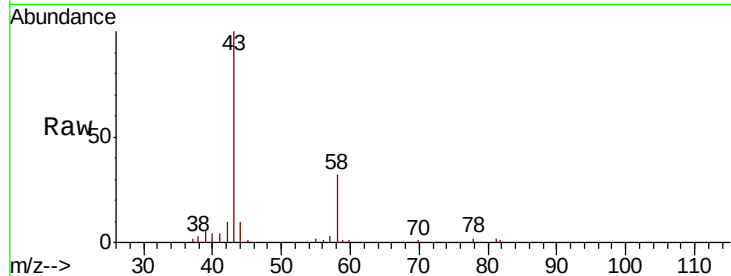
#15
Acetone
Concen: 0.361 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL035821.D
Acq: 4 Nov 2020 2:28

Instrument :
MSVOA_L
ClientSampled :
SV1DL

Tot Ion: 43 Resp: 46473
Ion Ratio Lower Upper
43 100
58 57.6 27.5 41.3#

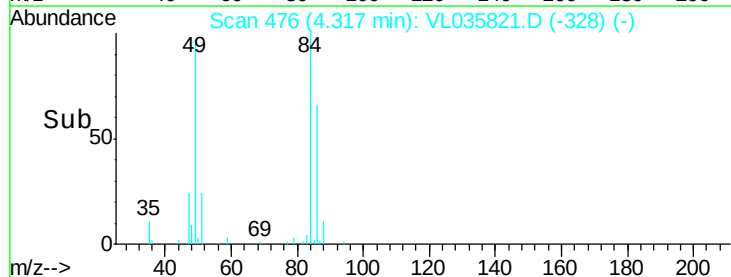
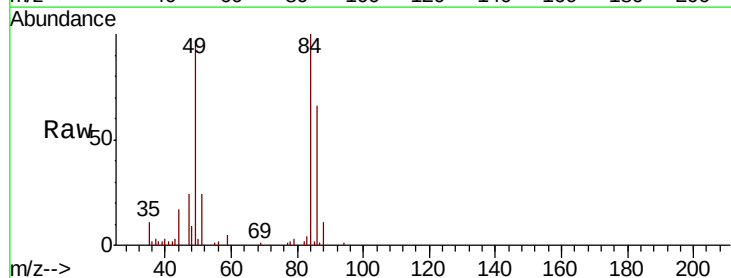
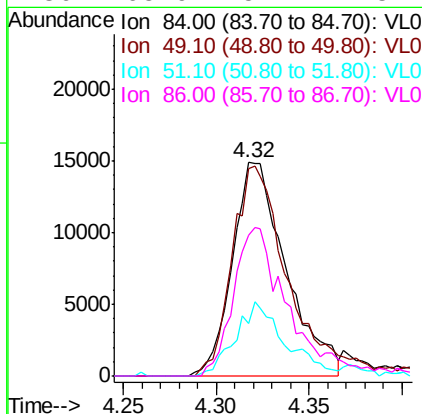
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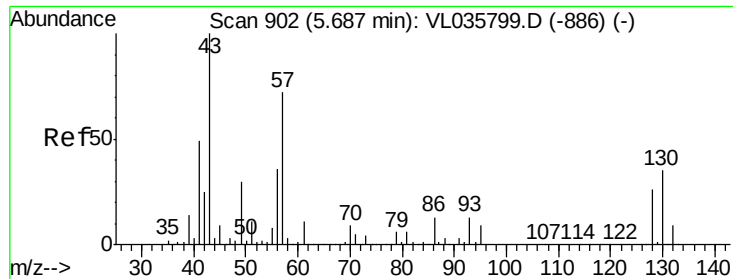
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#20
Methylene Chloride
Concen: 0.331 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035821.D
Acq: 4 Nov 2020 2:28

Tgt Ion: 84 Resp: 30024
Ion Ratio Lower Upper
84 100
49 96.9 73.8 110.8
51 24.4 23.0 34.4
86 65.9 52.1 78.1





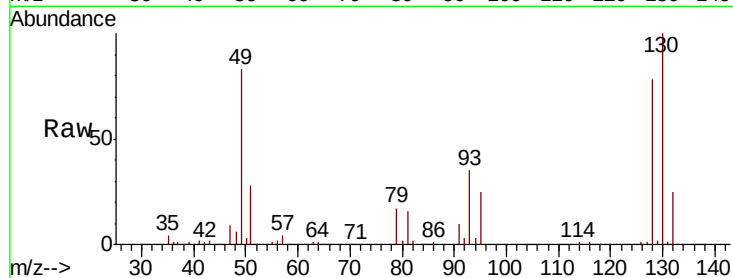
#26
Hexane
Concen: 0.126 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL035821.D
Acq: 4 Nov 2020 2:28

Instrument :
MSVOA_L
ClientSampled :
SV1DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	76.0	58.9	88.3
43	60.4	150.2	225.2#
56	56.7	42.4	63.6

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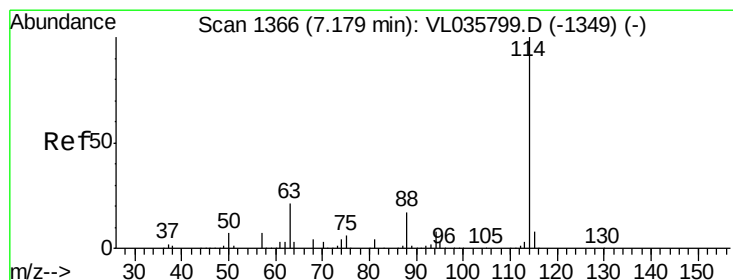
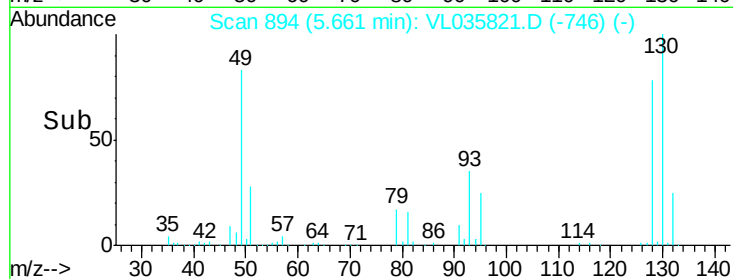
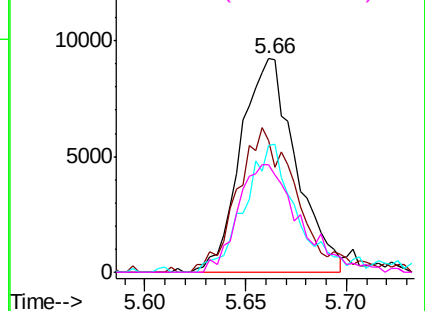
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

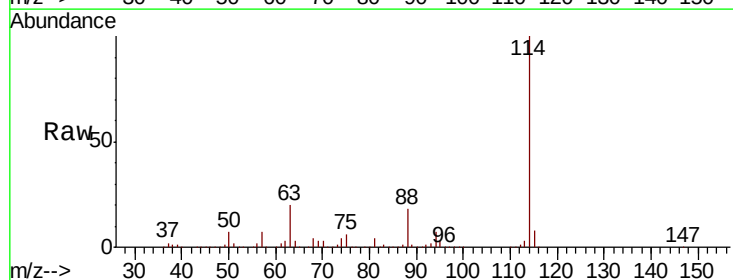
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL035821.D
Acq: 4 Nov 2020 2:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	16.1	24.1
88	16.9	13.7	20.5

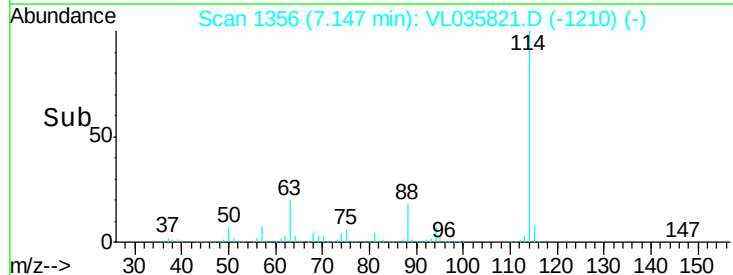
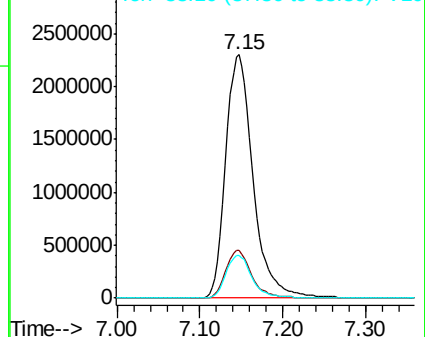


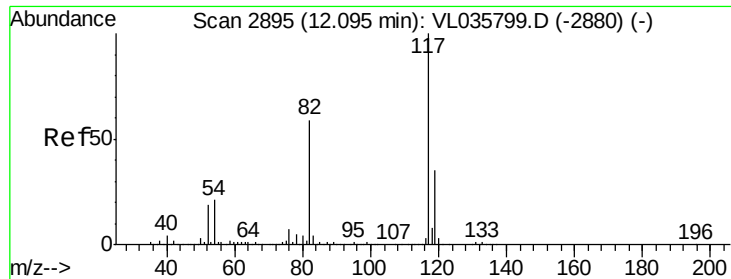
Abundance

Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





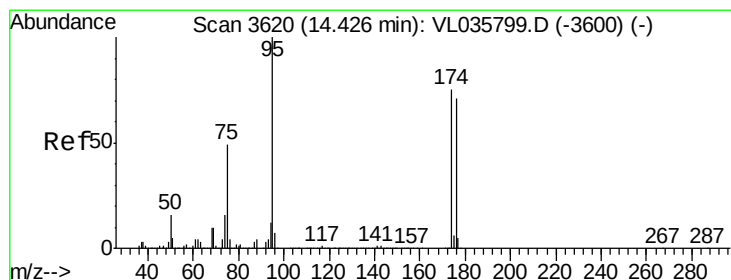
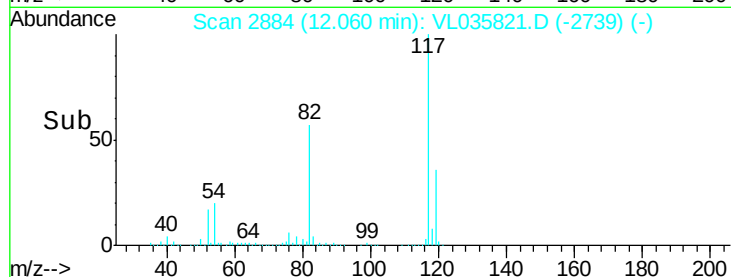
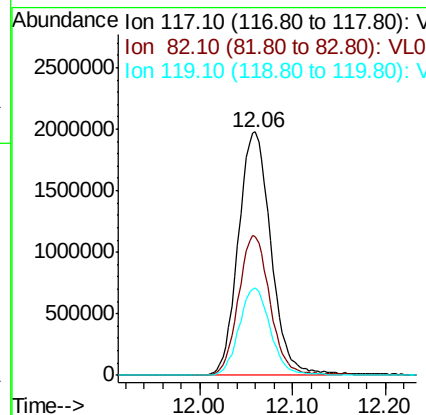
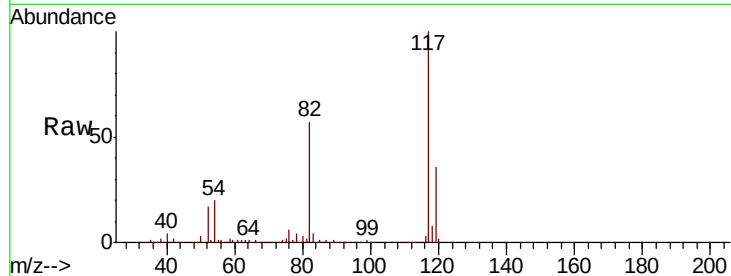
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL035821.D
Acq: 4 Nov 2020 2:28

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tot Ion:117 Resp: 4836583
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: 10.088 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL035821.D
Acq: 4 Nov 2020 2:28

Tgt Ion: 95 Resp: 3466579
Ion Ratio Lower Upper
95 100
174 76.1 59.8 89.6
175 5.5 4.3 6.5

