

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035883.D
 Acq On : 6 Nov 2020 6:18
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 11/9/2020 10:48:23 AM

Quant Time: Nov 06 07:02:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	1009167	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	4177126	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3729190	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2626755	9.91	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	19254m	0.178	ppbv	
20) Methylene Chloride	4.33	84	34259	0.451	ppbv	96
26) Hexane	5.67	57	16747m	0.143	ppbv	

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

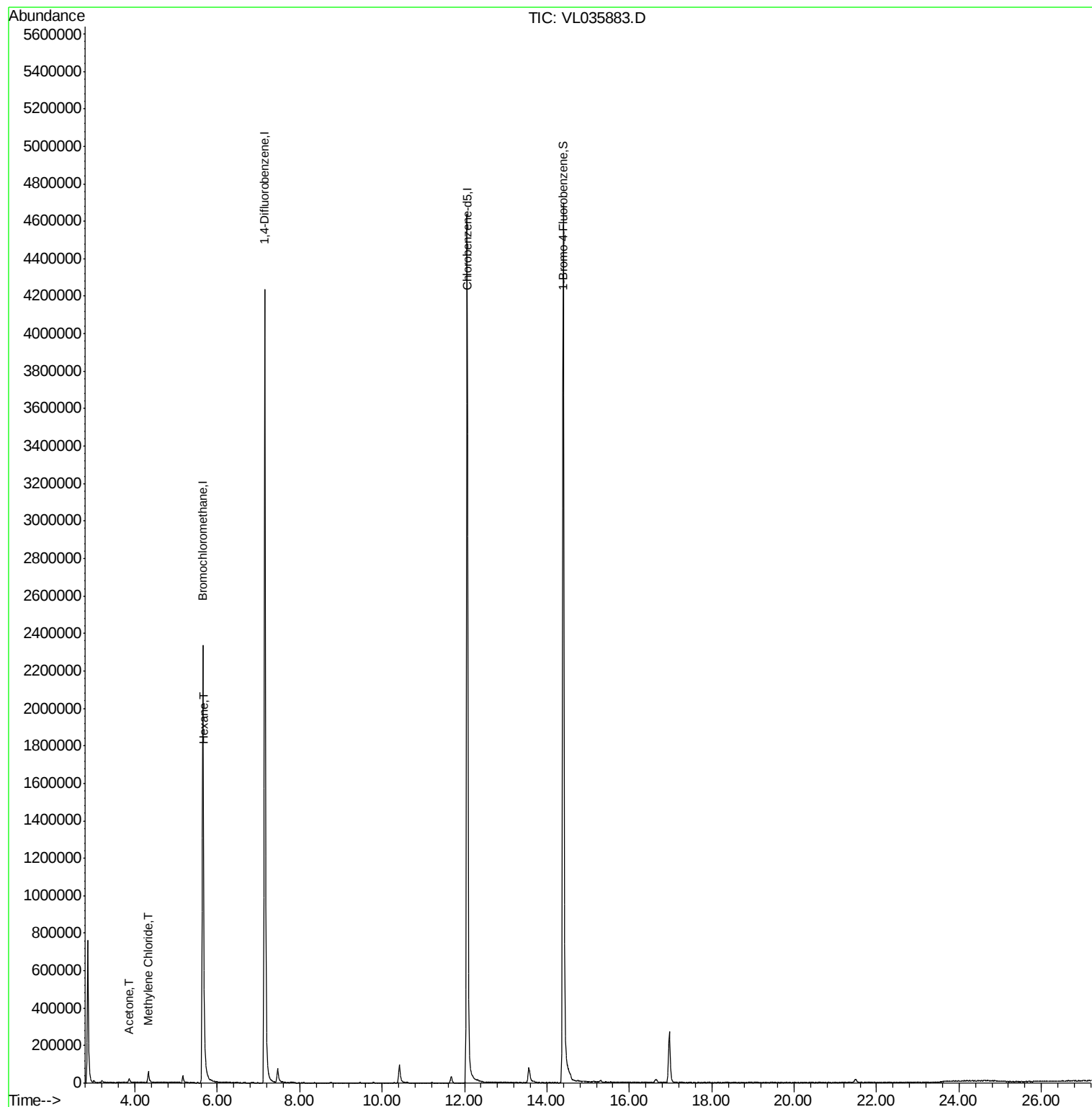
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
Data File : VL035883.D
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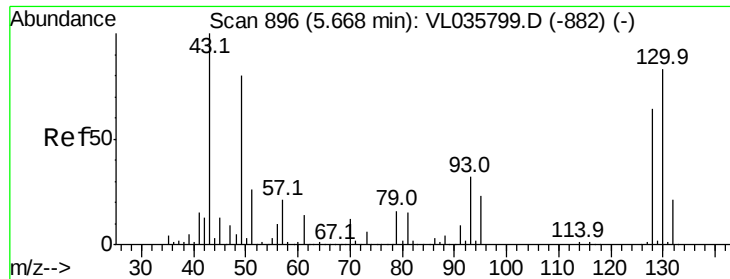
Instrument :
MSVOA_L
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Quant Time: Nov 06 07:02:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035883.D

Acq: 6 Nov 2020 6:18

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1009167

Ion Ratio Lower Upper

49 100

128 88.7 41.5 124.6

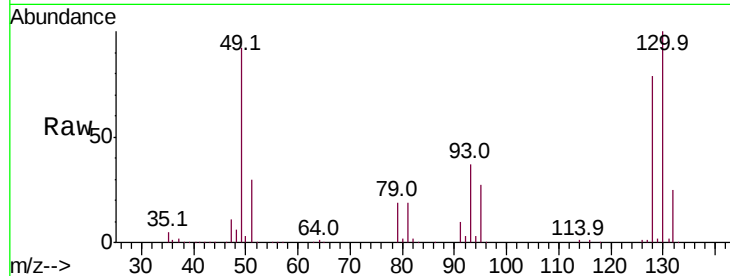
130 113.7 53.7 161.1

Manual Integrations

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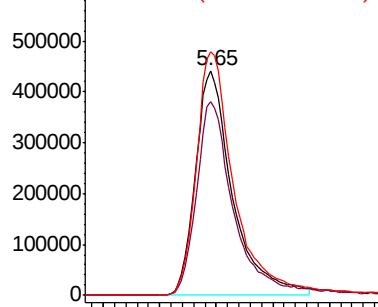
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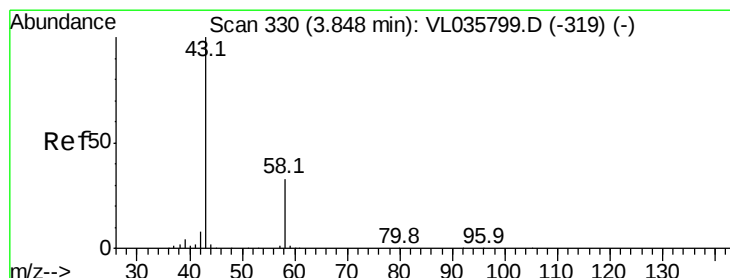
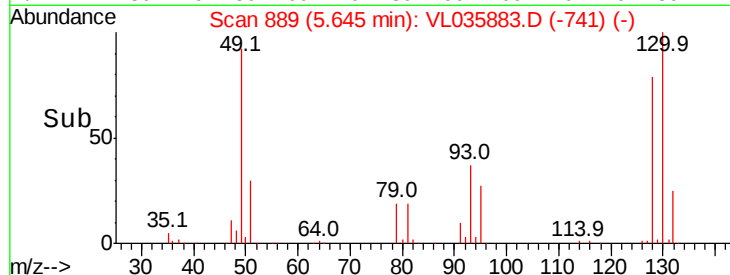
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#15

Acetone

Concen: 0.178 ppbv m

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL035883.D

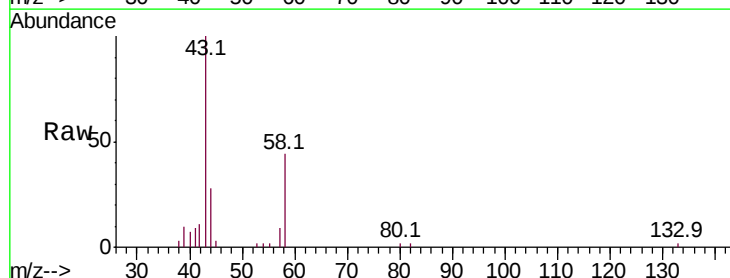
Acq: 6 Nov 2020 6:18

Tgt Ion: 43 Resp: 19254

Ion Ratio Lower Upper

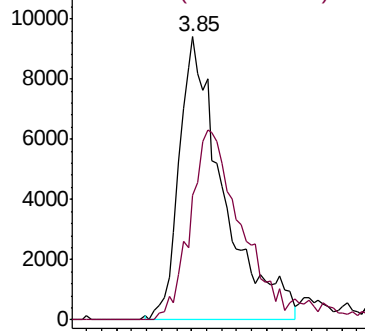
43 100

58 0.0 27.5 41.3#

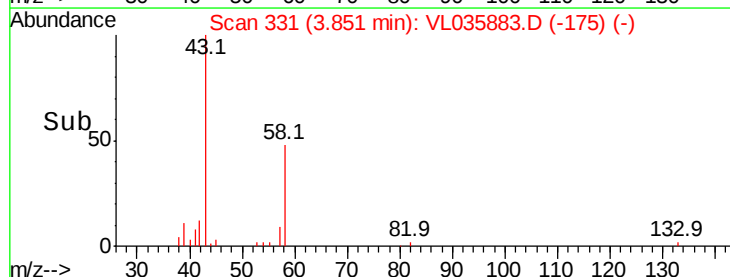


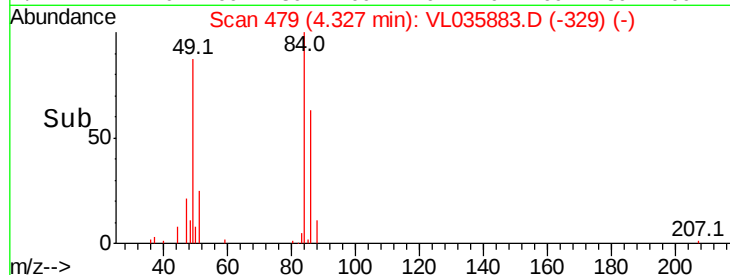
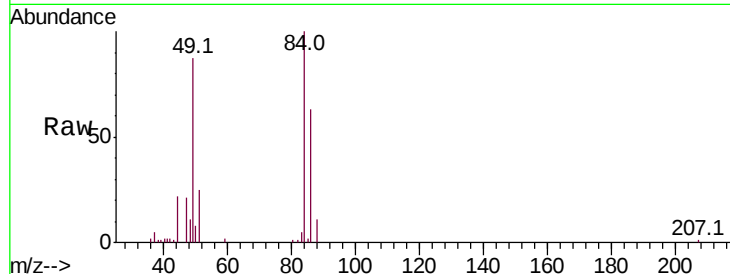
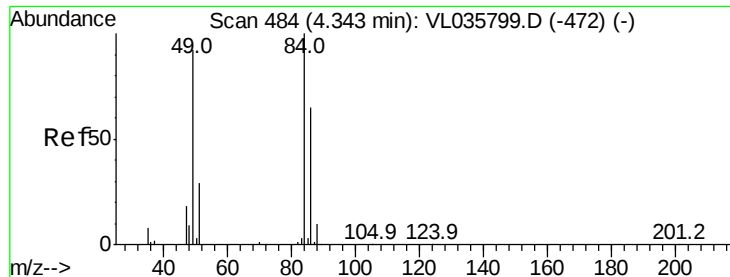
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



Time-->





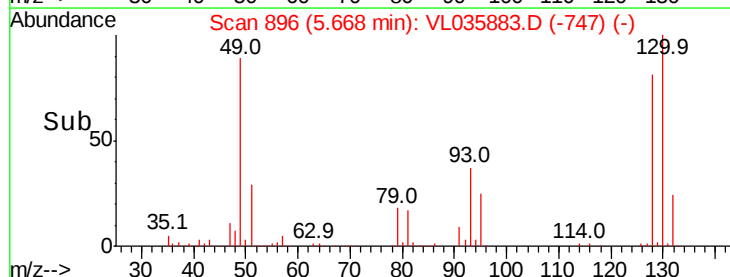
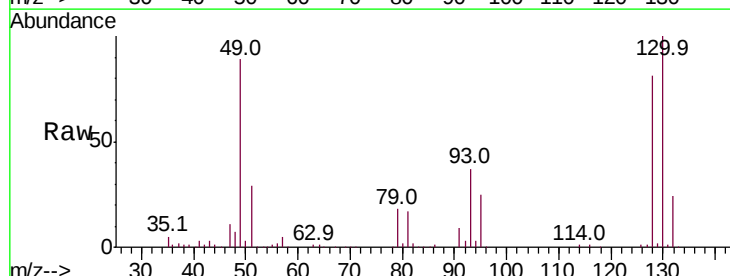
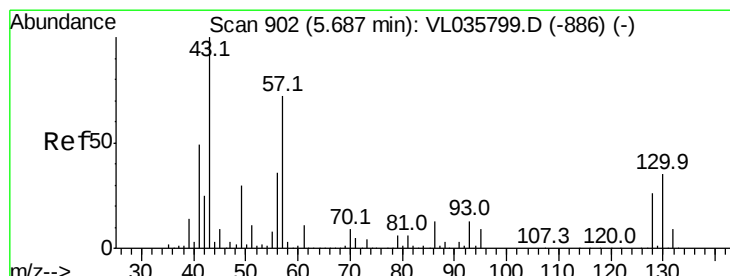
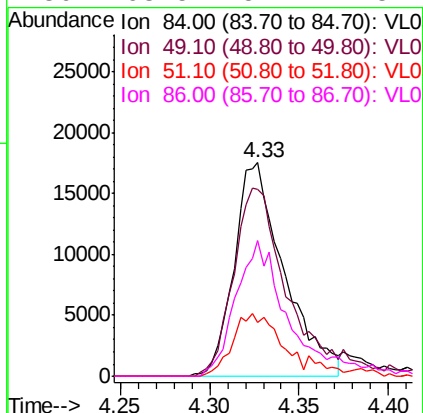
#20
Methvlene Chloride
Concen: 0.451 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

Tot Ion	84	Resp	34259
Ion Ratio	Lower	Upper	
84	100		
49	87.2	73.8	110.8
51	25.1	23.0	34.4
86	63.5	52.1	78.1

Instrument :
MSVOA_L
ClientSampled :
VIBLK

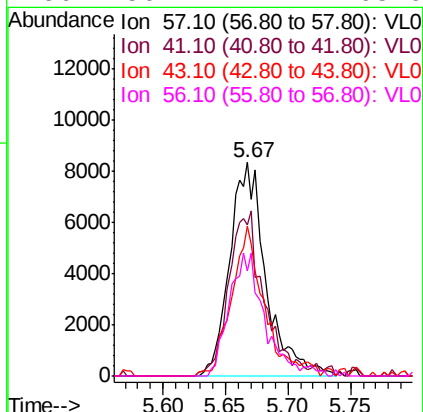
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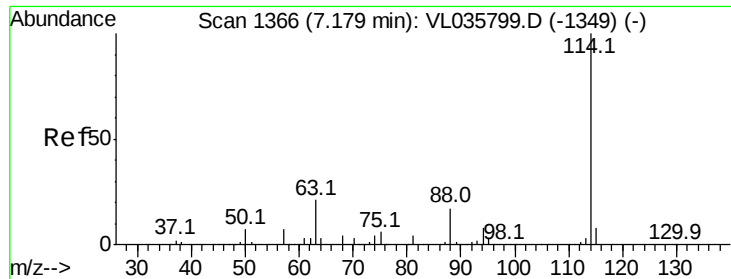
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#26
Hexane
Concen: 0.143 ppbv m
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL035883.D
Acq: 6 Nov 2020 6:18

Tgt Ion	57	Resp	16747
Ion Ratio	Lower	Upper	
57	100		
41	0.0	58.9	88.3#
43	0.0	150.2	225.2#
56	56.7	42.4	63.6





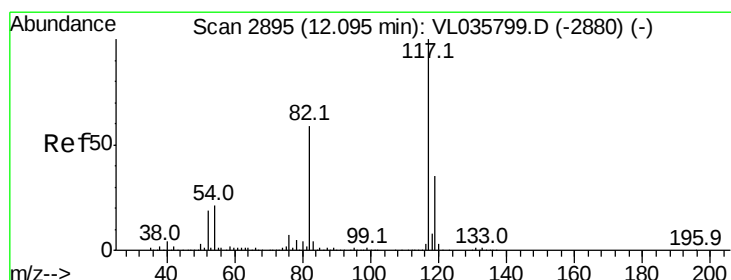
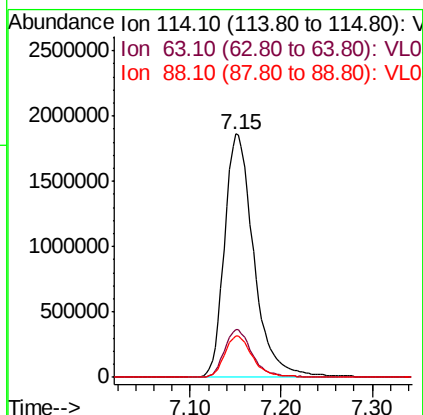
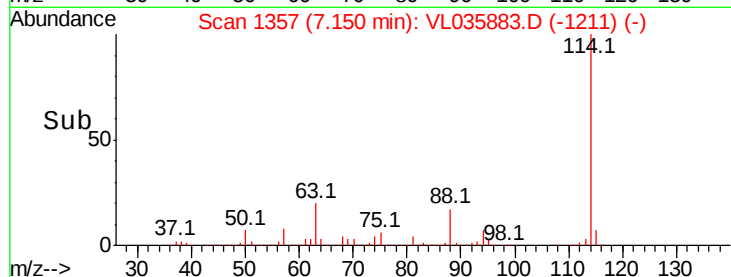
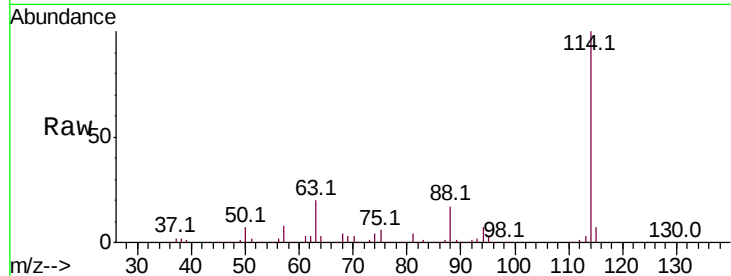
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: VL035883.D
 Acq: 6 Nov 2020 6:18

Instrument :
 MSVOA_L
 ClientSampleID :
 VIBLK

Tot Ion:114 Resp: 4177126
 Ion Ratio Lower Upper
 114 100
 63 19.0 16.1 24.1
 88 16.5 13.7 20.5

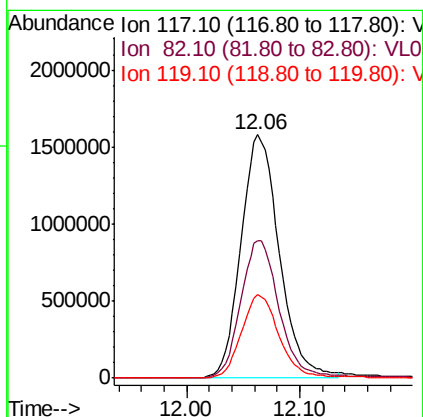
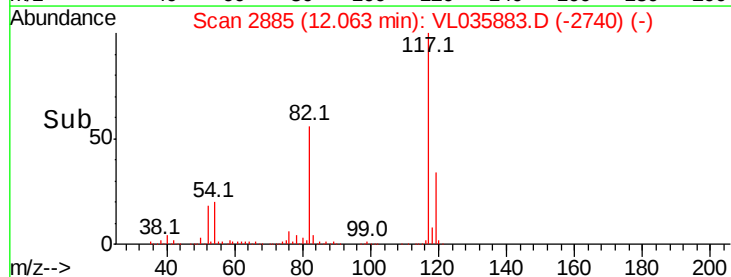
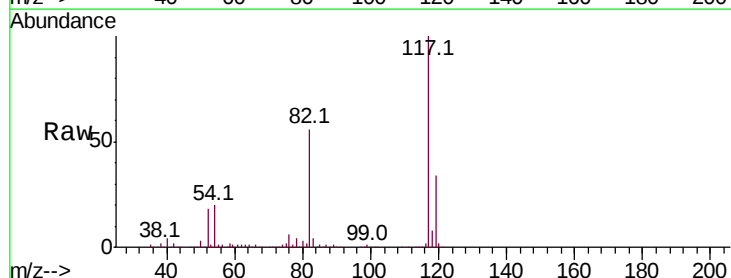
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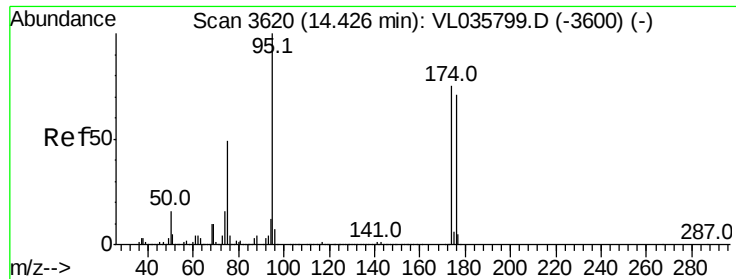
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.03 min
 Lab File: VL035883.D
 Acq: 6 Nov 2020 6:18

Tgt Ion:117 Resp: 3729190
 Ion Ratio Lower Upper
 117 100
 82 57.9 50.6 76.0
 119 34.4 52.6 78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.914 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.03 min
 Lab File: VL035883.D
 Acq: 6 Nov 2020 6:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
95	100		
174	79.2	59.8	89.6
175	5.6	4.3	6.5

Manual Integrations
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