

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035576.D
 Acq On : 9 Sep 2020 7:09
 Operator : SY/AP
 Sample : OC090320 CAN 10323
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090320 CAN 10323

Manual Integrations
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 9/10/2020 10:45:48 AM

Quant Time: Sep 09 08:23:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1092623	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	4418893	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	4416365	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3253639	10.37	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	8968m	0.776	ppbv	
20) Methylene Chloride	4.33	84	95596	1.065	ppbv	98
26) Hexane	5.67	57	41486	0.344	ppbv #	47

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

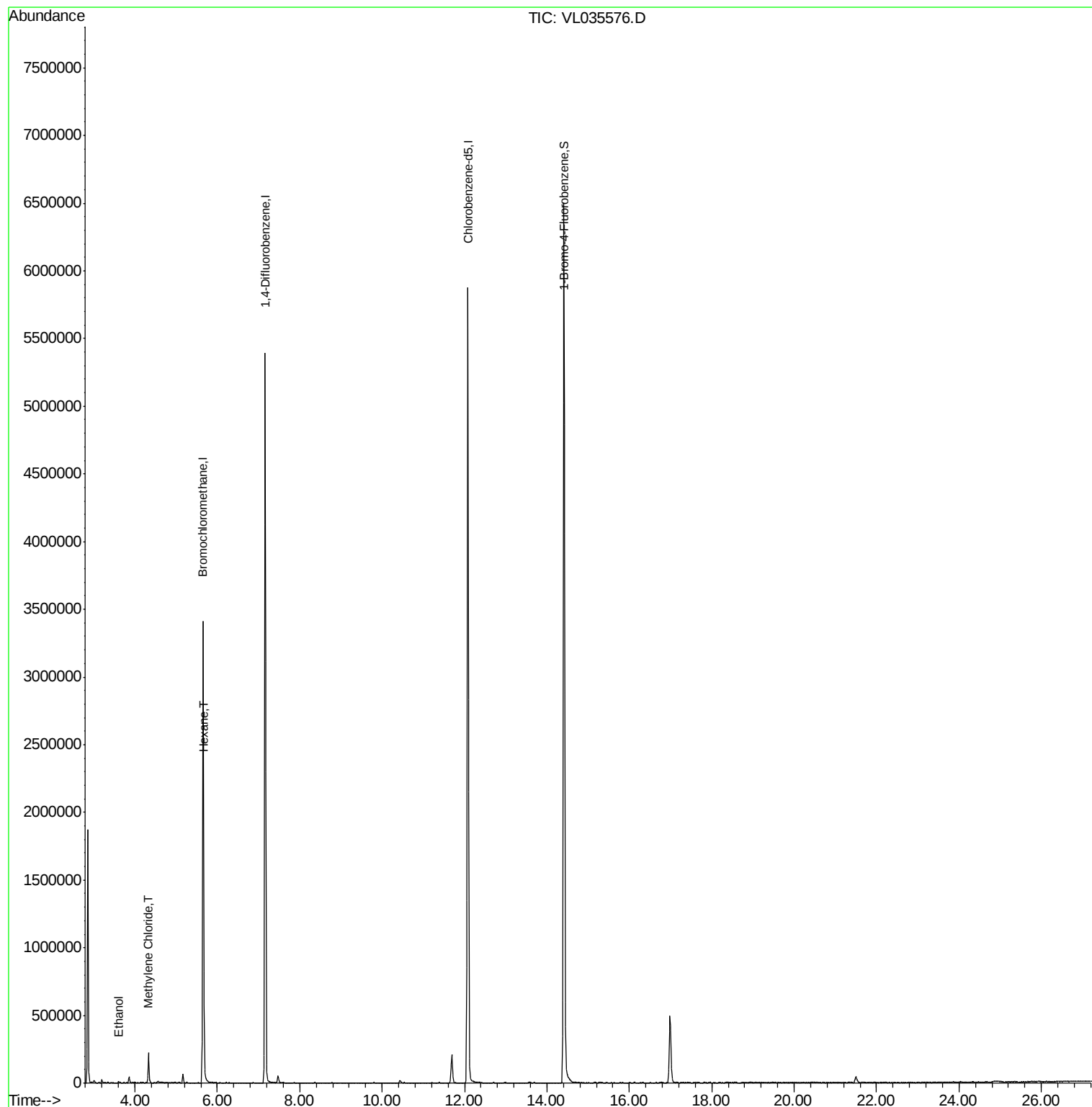
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090820\
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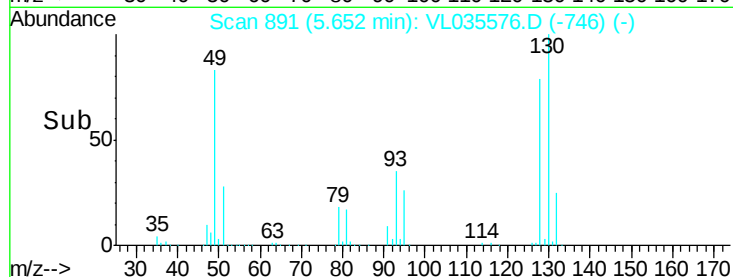
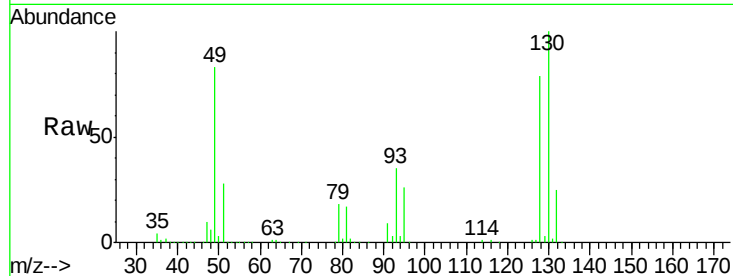
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QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.03 min

Lab File: VL035576.D

Acq: 9 Sep 2020 7:09

Tot Ion: 49 Resp: 1092623

Ion Ratio Lower Upper

49 100

128 93.6 50.0 150.1

130 119.5 64.4 193.2

Instrument :

MSVOA_L

ClientSampleId :

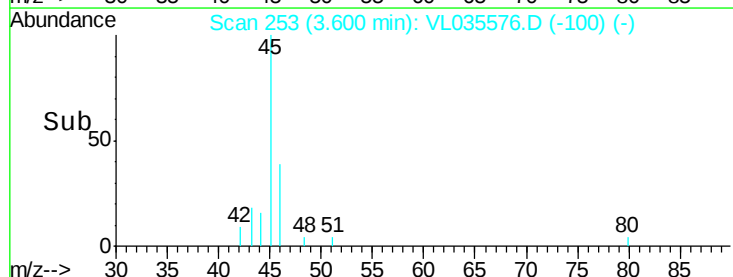
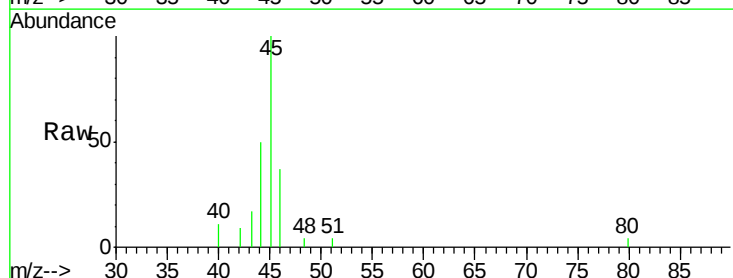
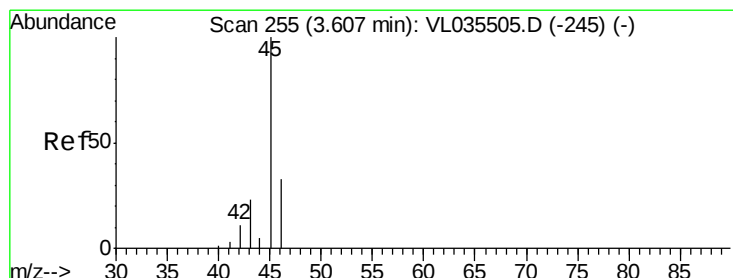
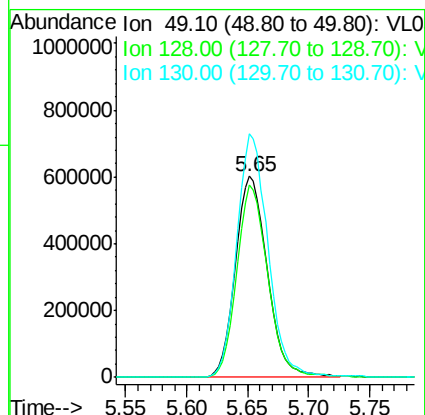
QC090320 CAN 10323

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#13

Ethanol

Concen: 0.776 ppbv m

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL035576.D

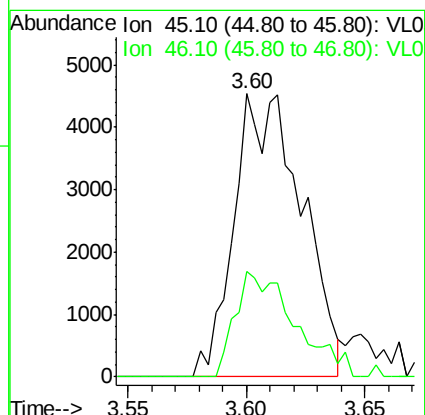
Acq: 9 Sep 2020 7:09

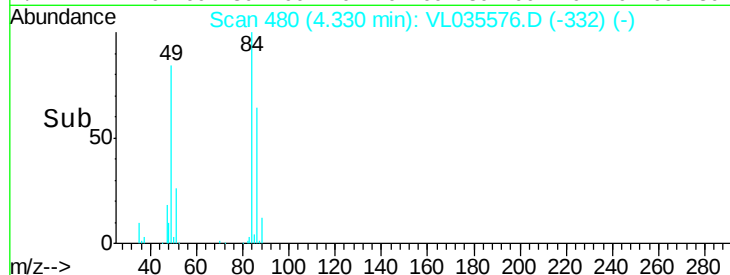
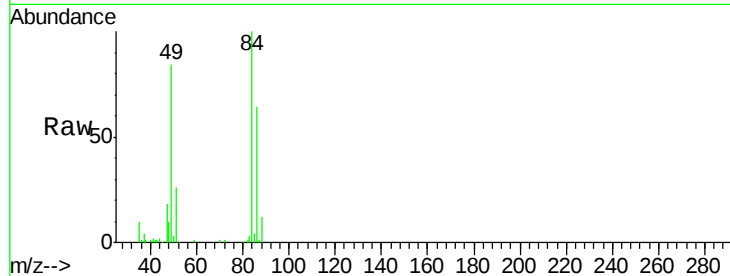
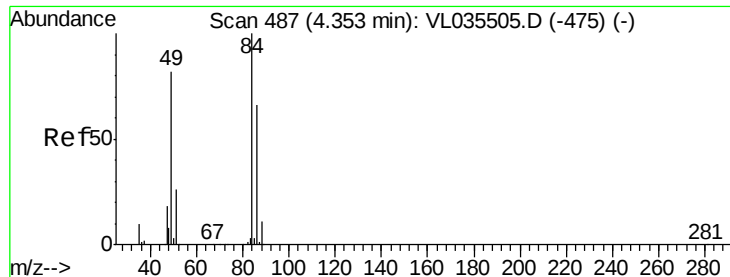
Tgt Ion: 45 Resp: 8968

Ion Ratio Lower Upper

45 100

46 33.3 15.2 60.6





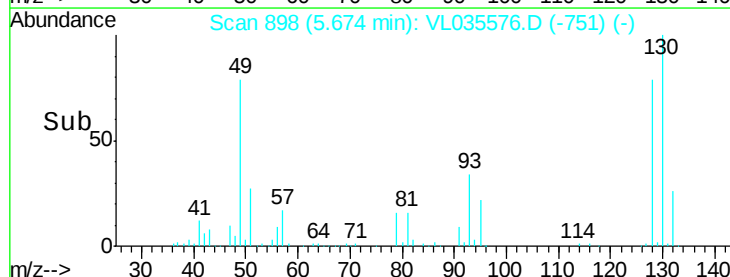
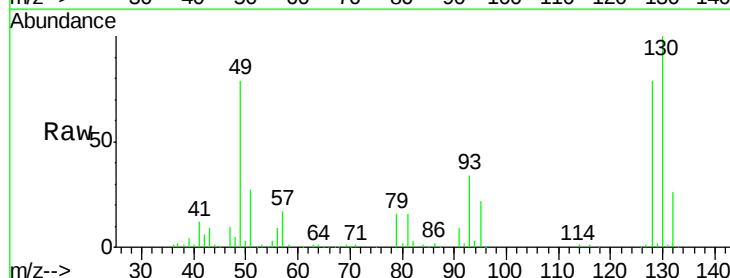
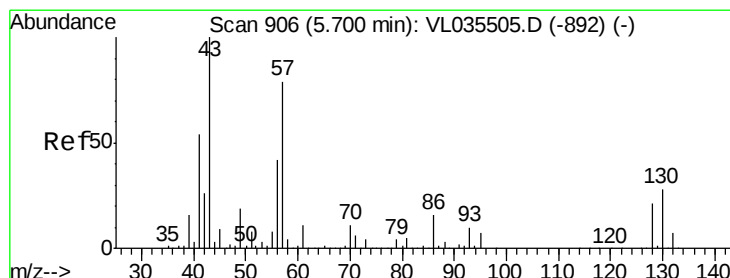
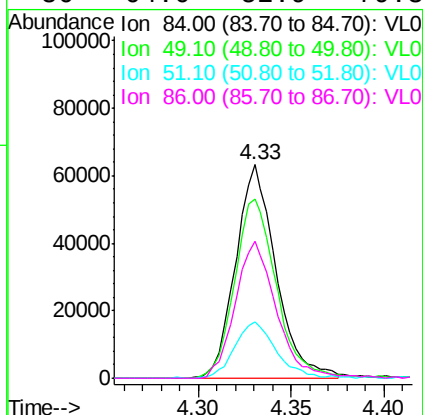
#20
Methvlene Chloride
Concen: 1.065 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.02 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Tot Ion	84	Resp	95596
Ion Ratio	Lower	Upper	
84	100		
49	83.9	65.4	98.0
51	26.3	21.5	32.3
86	64.0	52.9	79.3

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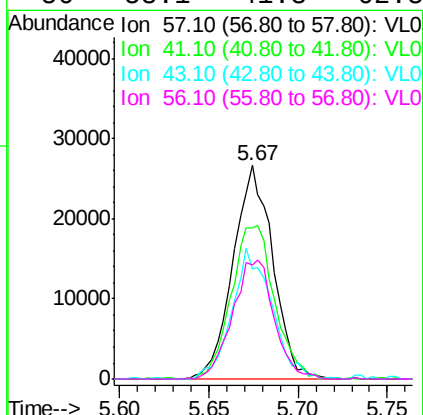
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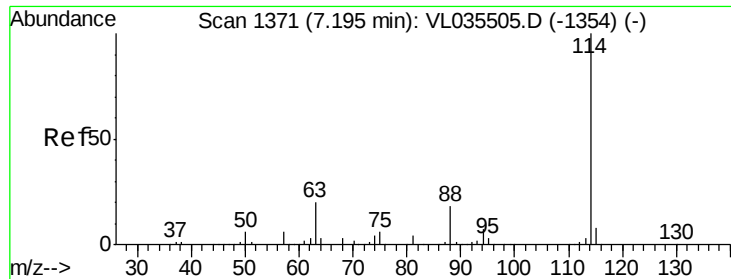
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#26
Hexane
Concen: 0.344 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.03 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Tgt Ion	57	Resp	41486
Ion Ratio	Lower	Upper	
57	100		
41	78.6	55.9	83.9
43	61.3	141.8	212.8#
56	58.1	41.8	62.8





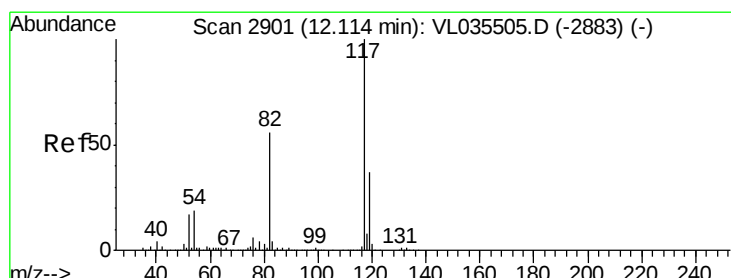
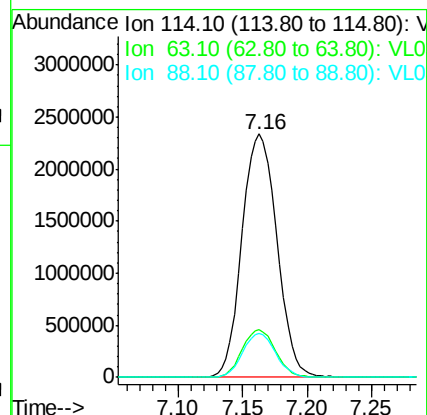
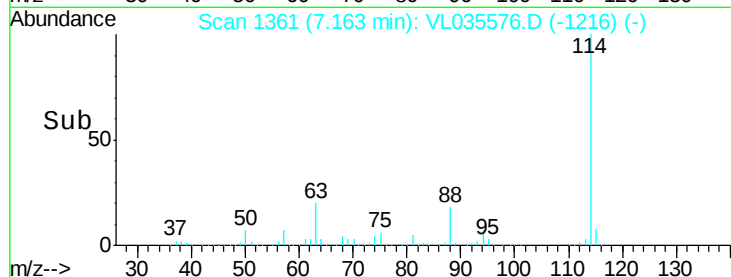
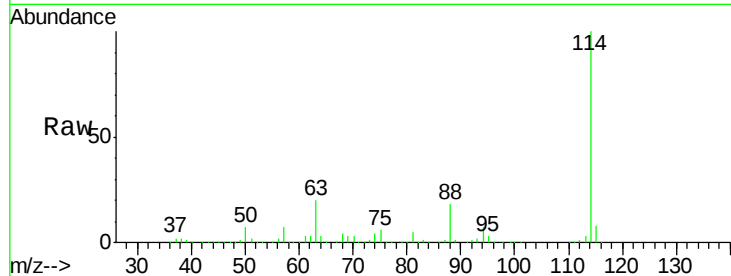
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.03 min
 Lab File: VL035576.D
 Acq: 9 Sep 2020 7:09

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090320 CAN 10323

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	14.7	22.1
88	17.1	13.4	20.2

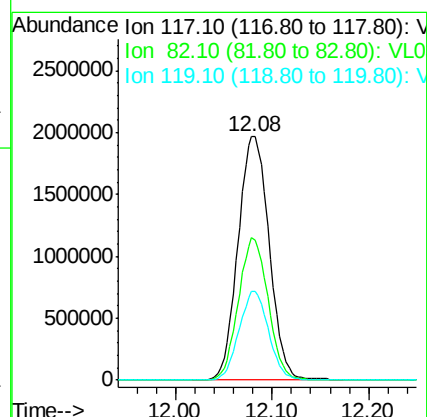
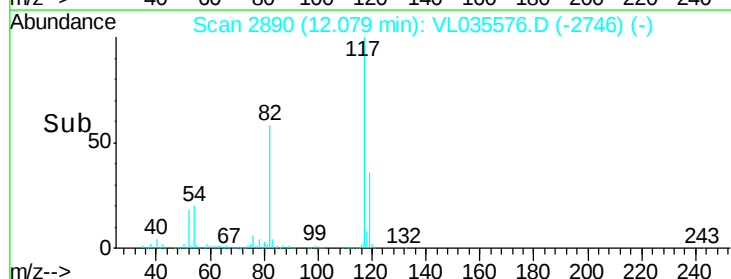
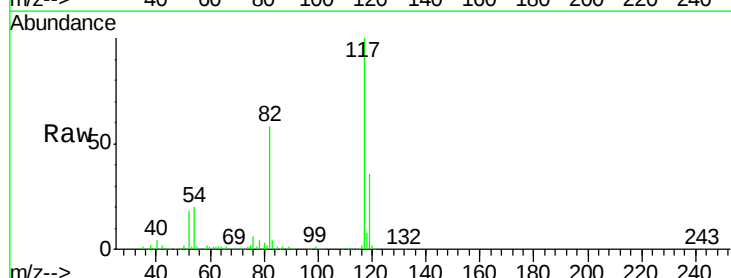
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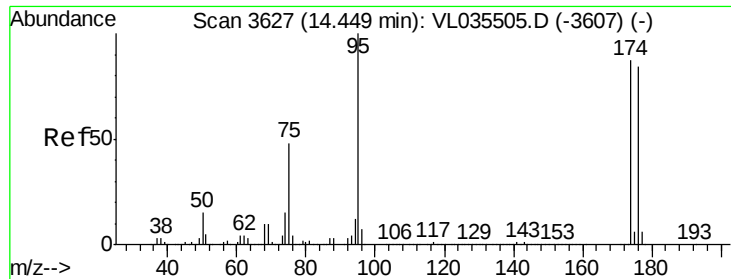
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2890
 Delta R.T. -0.04 min
 Lab File: VL035576.D
 Acq: 9 Sep 2020 7:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	41.6	62.4
119	34.7	29.3	43.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.374 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.04 min
 Lab File: VL035576.D
 Acq: 9 Sep 2020 7:09

Instrument :
 MSVOA_L
 ClientSampleId :
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Tot Ion: 95 Resp: 3253639
 Ion Ratio Lower Upper
 95 100
 174 82.2 69.6 104.4
 175 5.9 5.1 7.7

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