

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035149.D
 Acq On : 6 Jul 2020 17:14
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
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 7/9/2020 12:00:45 PM

Quant Time: Jul 07 05:40:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1036416	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2427208	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2254130	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1930232	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	13282m	0.106	ppbv	
20) Methylene Chloride	4.31	84	5750m	0.113	ppbv	
27) Carbon Disulfide	4.53	76	127026	1.204	ppbv	99

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

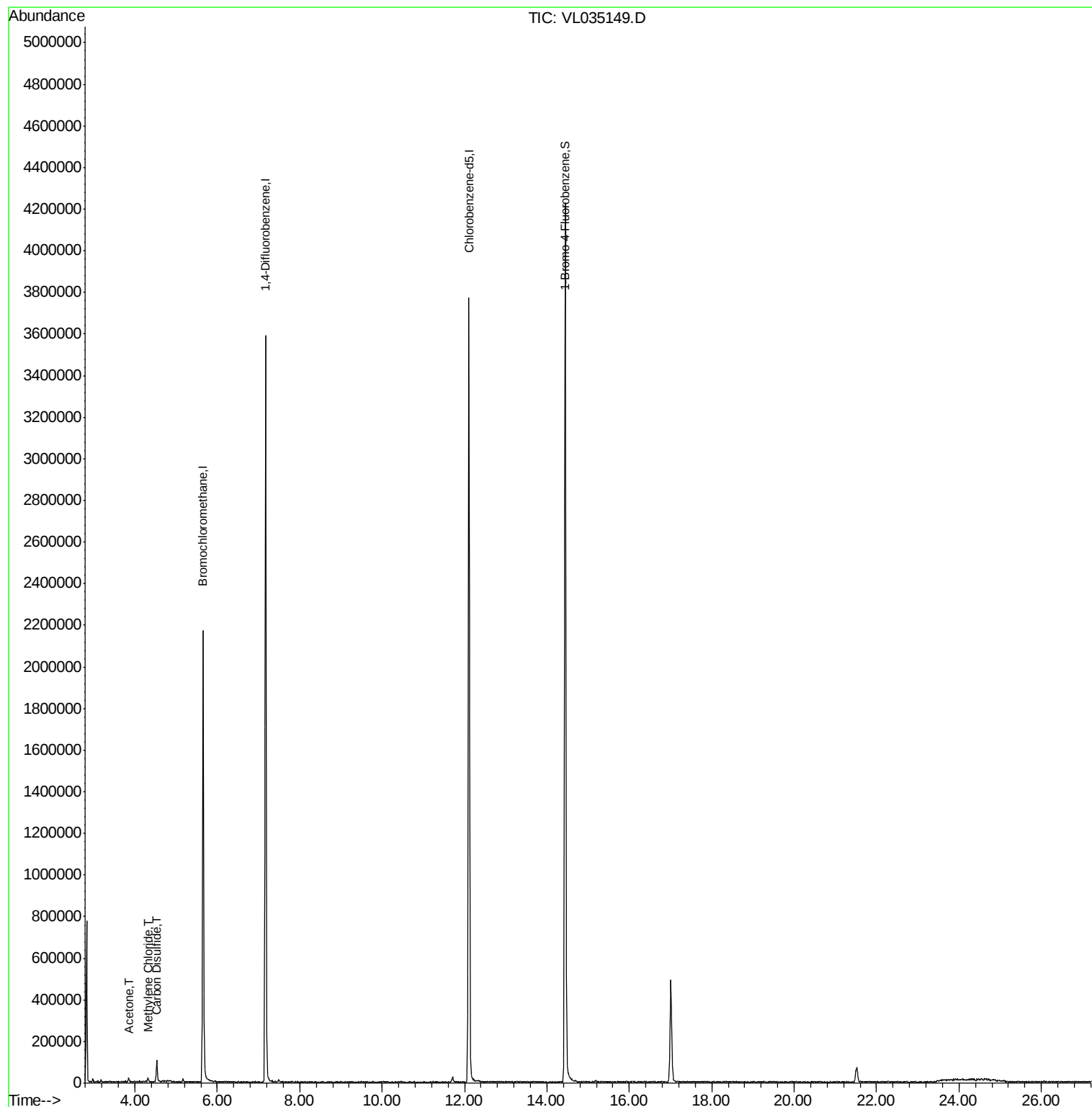
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070620\
Data File : VL035149.D
Acq On : 6 Jul 2020 17:14
Operator : SY/AP
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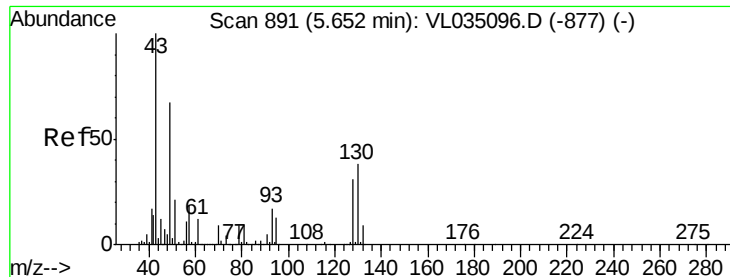
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
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7/9/2020 12:00:45 PM

Quant Time: Jul 07 05:40:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL035149.D

Acq: 6 Jul 2020 17:14

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1036416

Ion Ratio Lower Upper

49 100

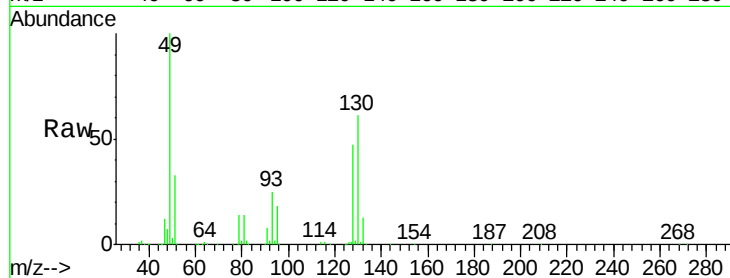
128 47.4 22.9 68.5

130 60.5 29.0 87.0

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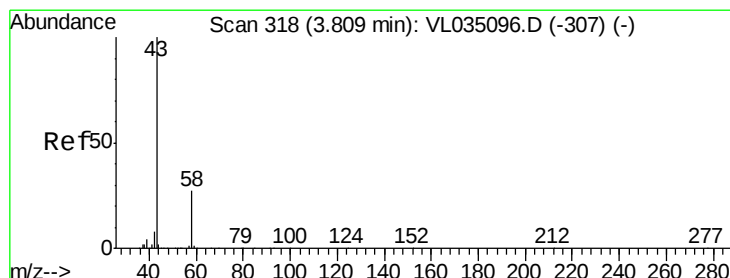
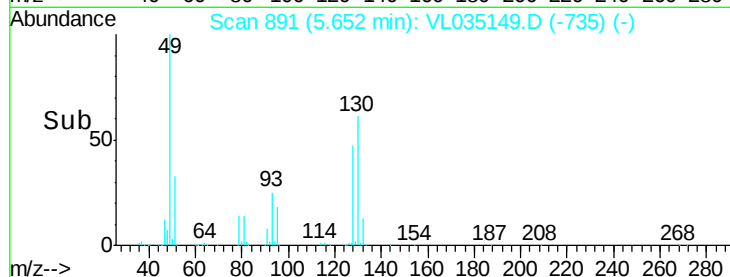
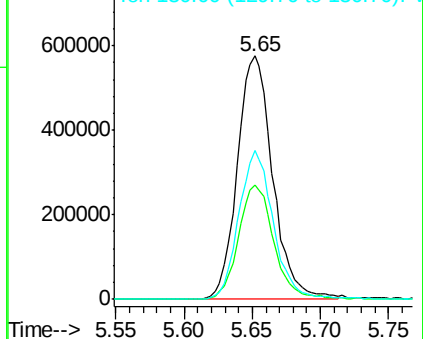
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.106 ppbv m

RT: 3.84 min Scan# 329

Delta R.T. 0.04 min

Lab File: VL035149.D

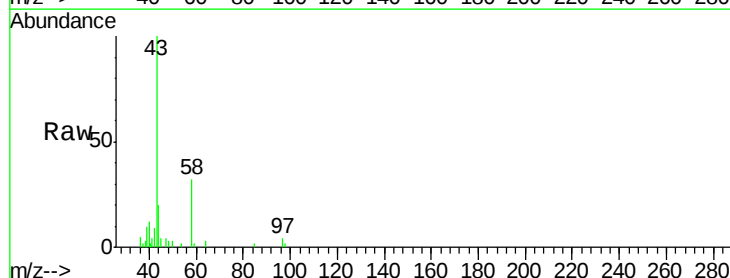
Acq: 6 Jul 2020 17:14

Tgt Ion: 43 Resp: 13282

Ion Ratio Lower Upper

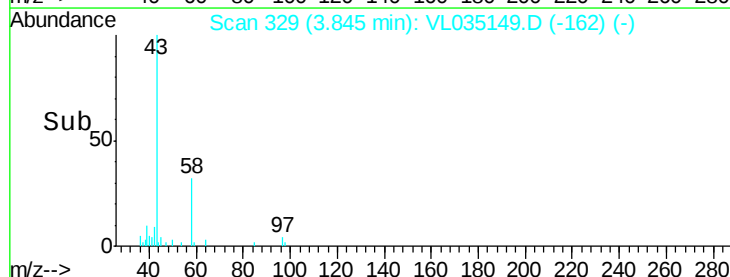
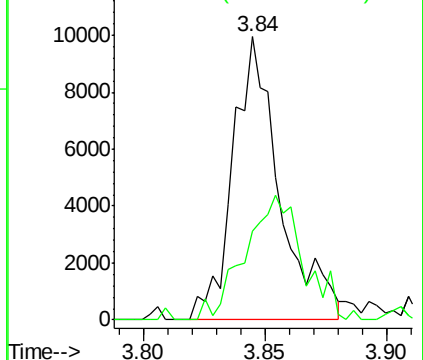
43 100

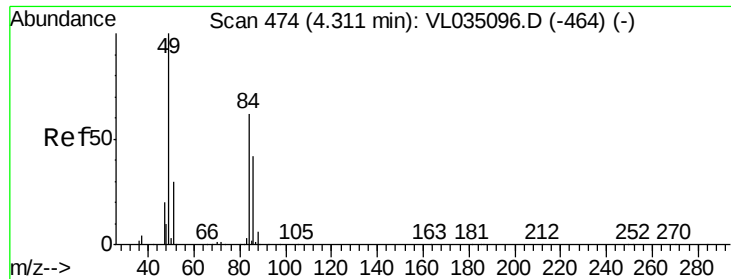
58 0.0 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





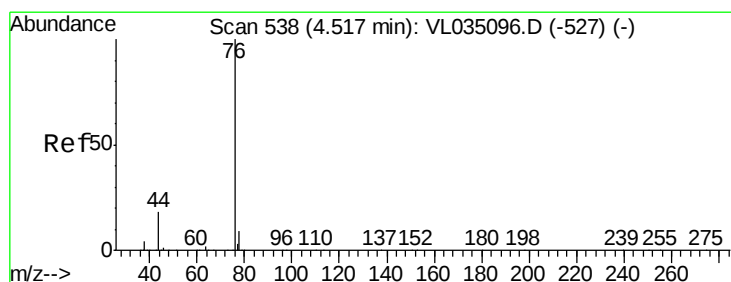
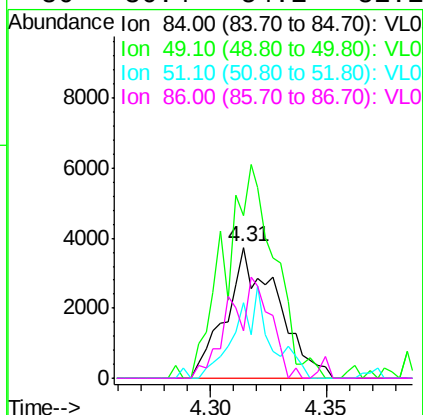
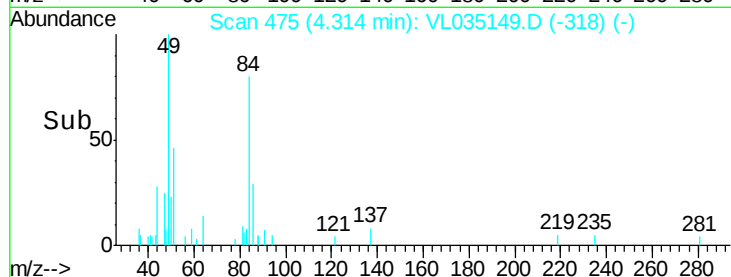
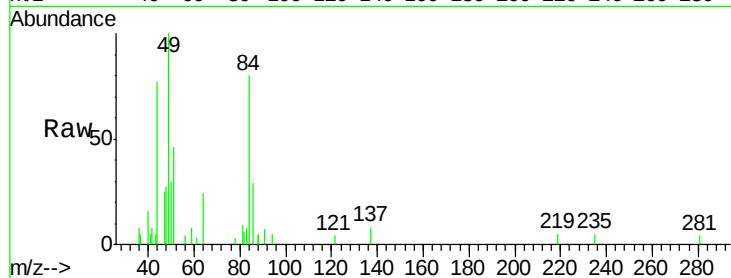
#20
Methvlene Chloride
Concen: 0.113 ppbv m
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL035149.D
Acq: 6 Jul 2020 17:14

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
84	100		
49	124.3	128.8	193.2#
51	57.2	38.7	58.1
86	36.4	54.1	81.1#

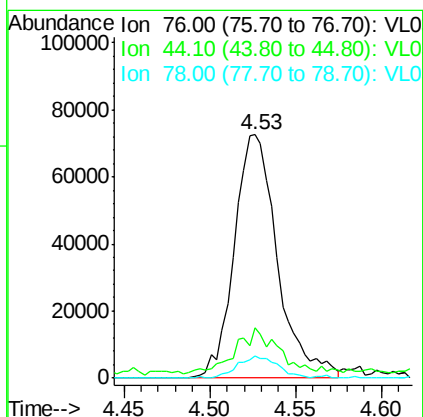
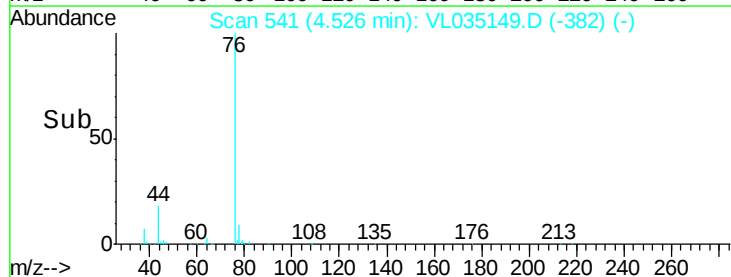
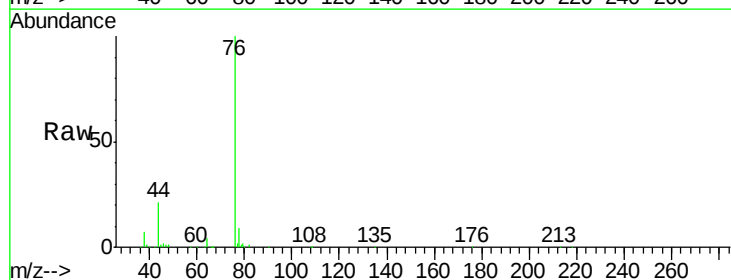
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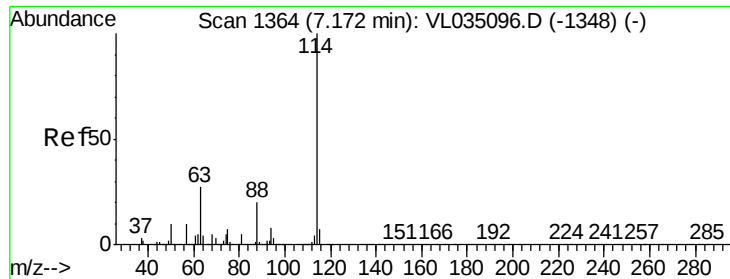
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#27
Carbon Disulfide
Concen: 1.204 ppbv
RT: 4.53 min Scan# 541
Delta R.T. 0.01 min
Lab File: VL035149.D
Acq: 6 Jul 2020 17:14

Tgt Ion	Ratio	Lower	Upper
76	100		
44	20.4	15.8	23.8
78	8.8	7.6	11.4





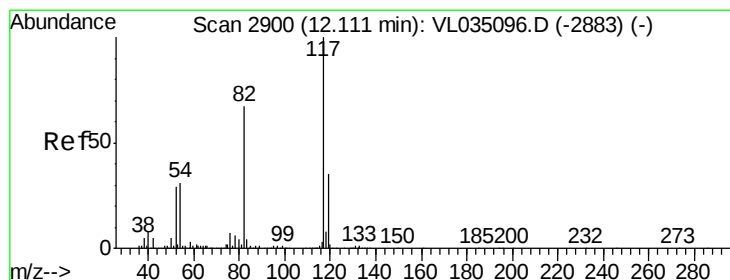
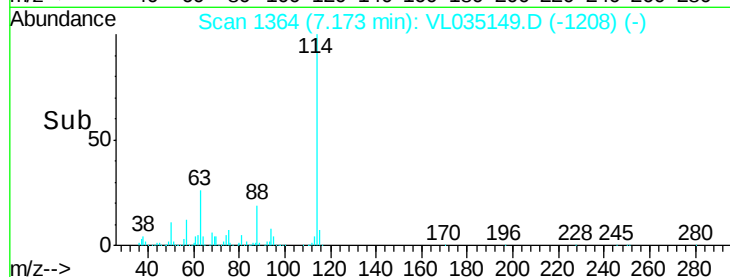
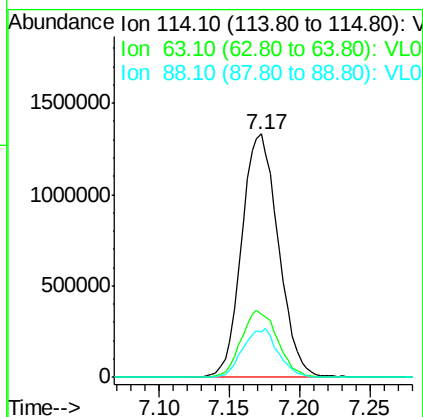
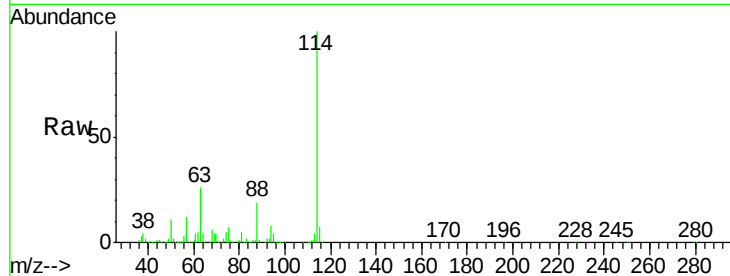
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VL035149.D
 Acq: 6 Jul 2020 17:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.4	21.9	32.9
88	19.3	15.6	23.4

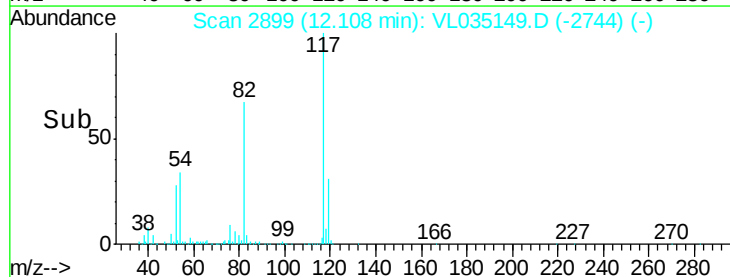
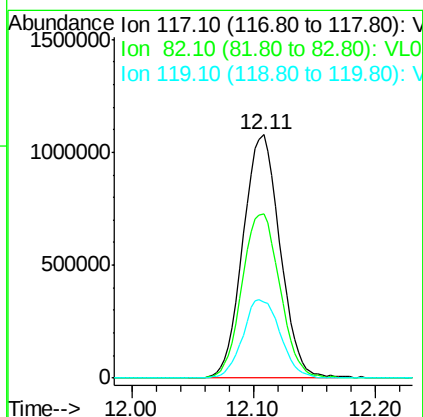
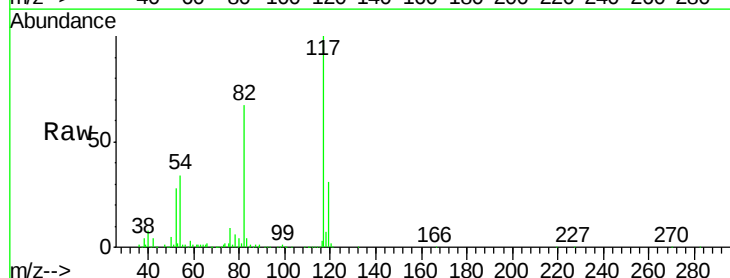
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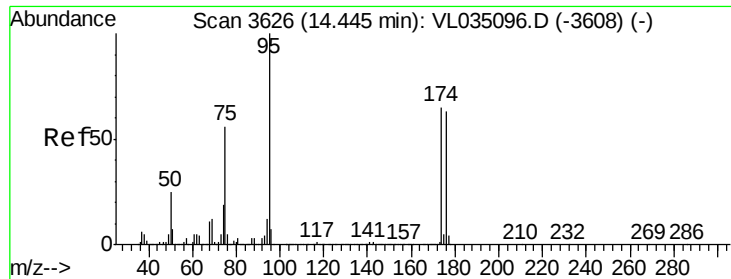
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VL035149.D
 Acq: 6 Jul 2020 17:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.8	50.4	75.6
119	32.6	25.4	38.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.308 ppbv
 RT: 14.44 min Scan# 3625
 Delta R.T. -0.00 min
 Lab File: VL035149.D
 Acq: 6 Jul 2020 17:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.4	52.2	78.2
175	4.9	4.0	6.0

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