

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062220\
 Data File : VL035115.D
 Acq On : 22 Jun 2020 17:54
 Operator : SY/AP
 Sample : QC060420 CAN 10060
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC060420 CAN 10060

Manual Integrations
 APPROVED

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 6/23/2020 10:59:32 AM

Quant Time: Jun 23 01:48:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.66	49	1225870	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	2850965	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.12	117	2718695	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2293816	10.16	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	52648m	0.355	ppbv	
20) Methylene Chloride	4.33	84	41713	0.695	ppbv	89
26) Hexane	5.69	57	15549m	0.129	ppbv	

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

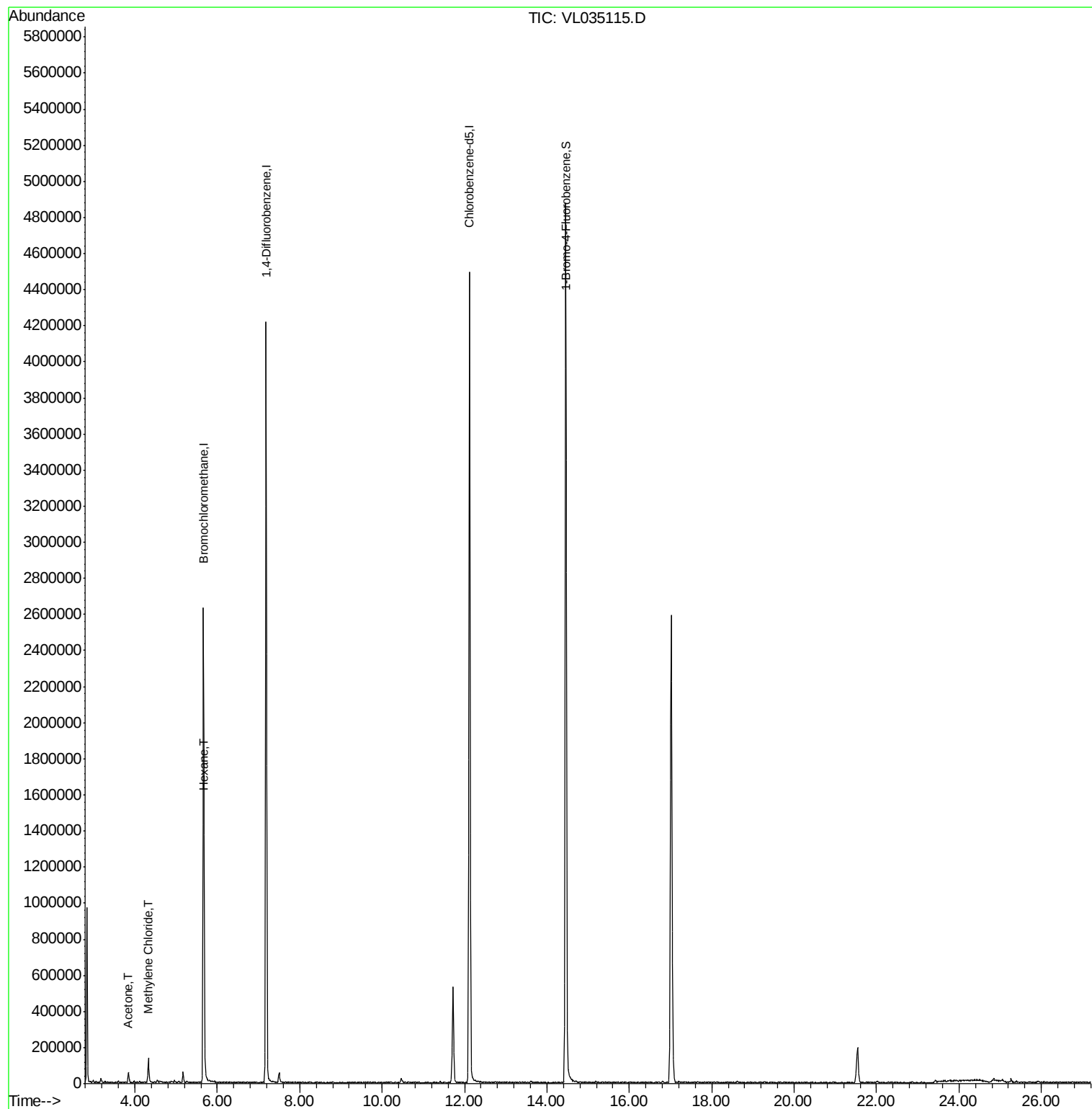
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Data File : VL035115.D
Acq On : 22 Jun 2020 17:54
Operator : SY/AP
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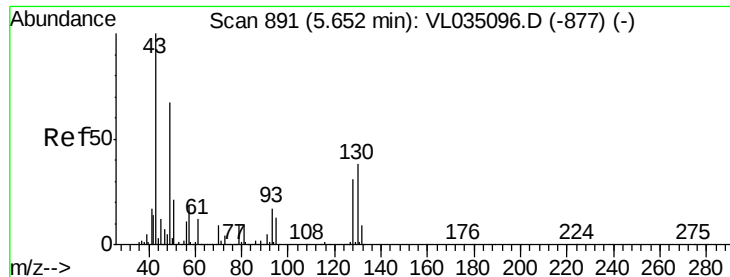
Instrument :
MSVOA_L
ClientSampleId :
QC060420 CAN 10060

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QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

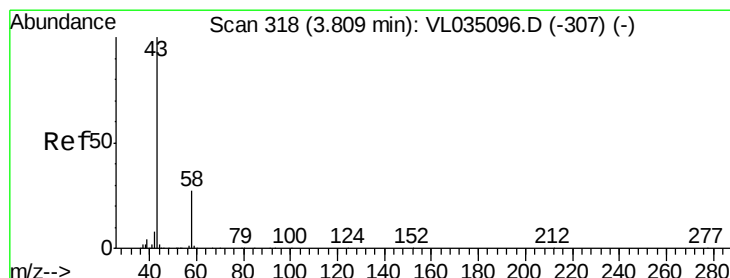
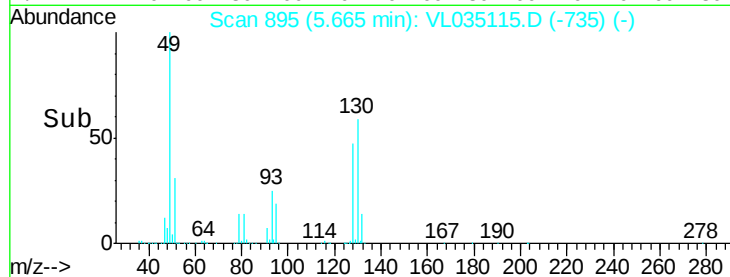
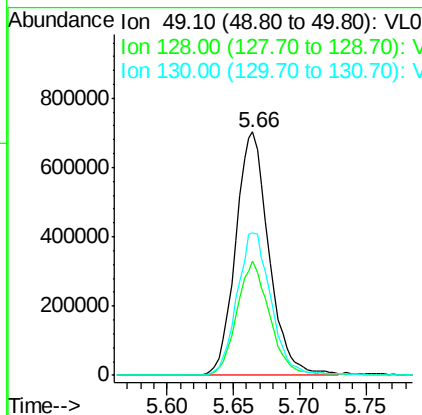
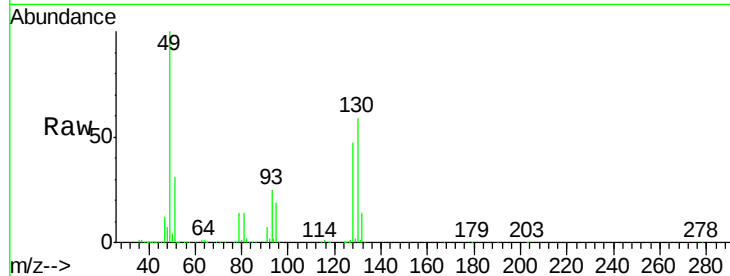
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VL035115.D
 Acq: 22 Jun 2020 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 QC060420 CAN 10060

Tot Ion: 49 Resp: 1225870
 Ion Ratio Lower Upper
 49 100
 128 46.8 22.9 68.5
 130 60.5 29.0 87.0

Manual Integrations
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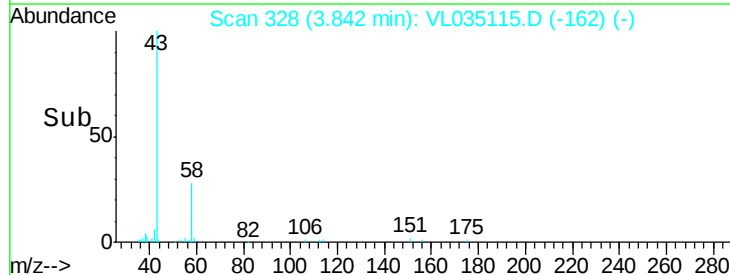
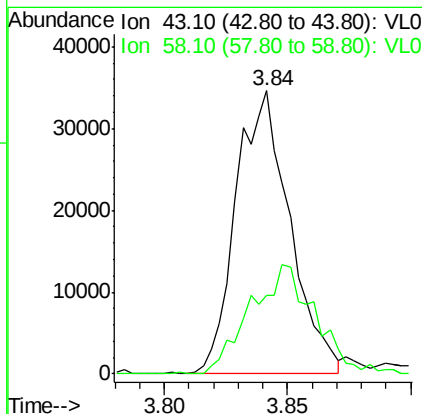
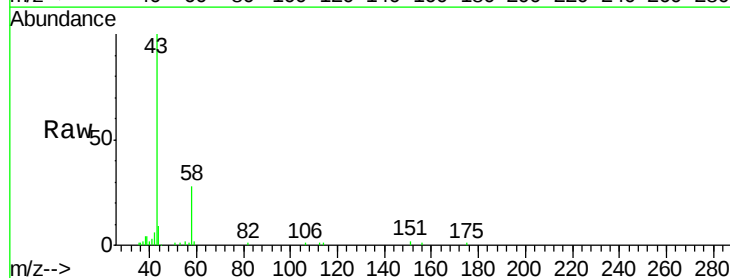
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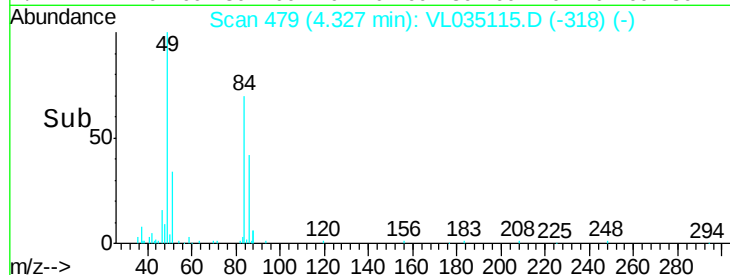
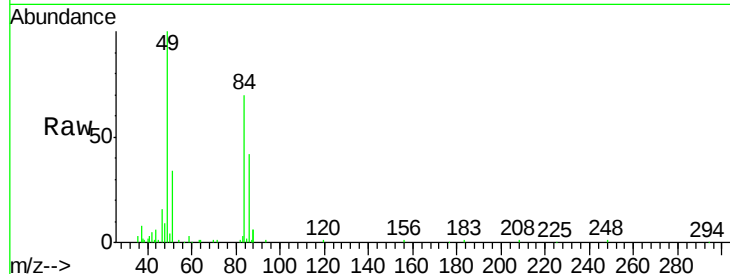
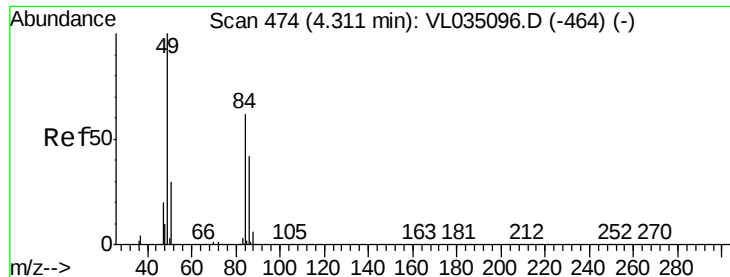


#15

Acetone
 Concen: 0.355 ppbv m
 RT: 3.84 min Scan# 328
 Delta R.T. 0.03 min
 Lab File: VL035115.D
 Acq: 22 Jun 2020 17:54

Tgt Ion: 43 Resp: 52648
 Ion Ratio Lower Upper
 43 100
 58 0.0 21.8 32.6#





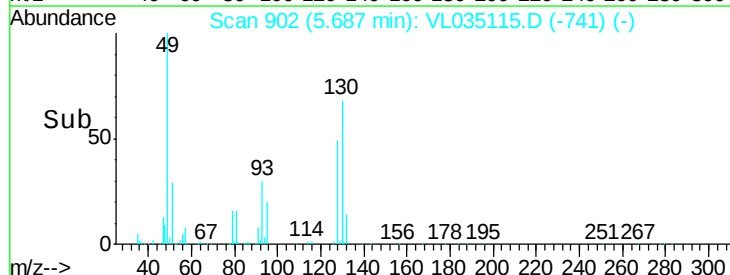
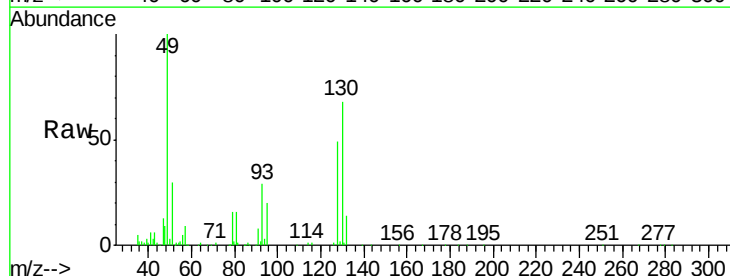
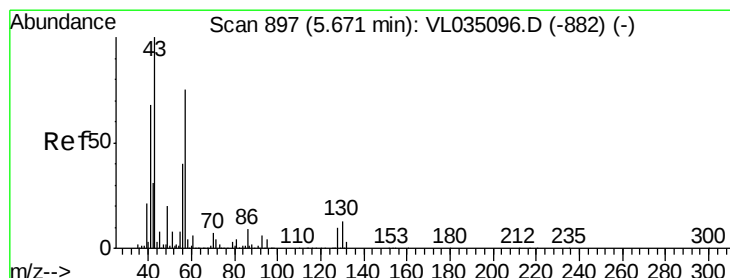
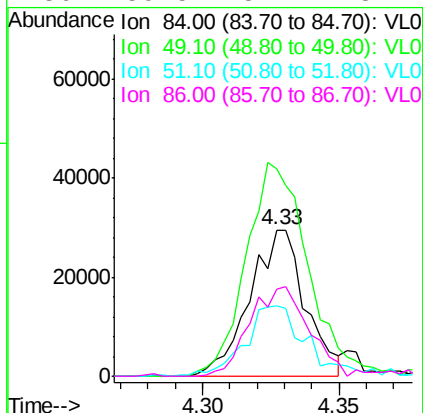
#20
Methvlene Chloride
Concen: 0.695 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.02 min
Lab File: VL035115.D
Acq: 22 Jun 2020 17:54

Tot Ion:	84	Resp:	41713
Ion	Ratio	Lower	Upper
84	100		
49	141.9	128.8	193.2
51	47.4	38.7	58.1
86	59.5	54.1	81.1

Instrument :
MSVOA_L
ClientSampleId :
QC060420 CAN 10060

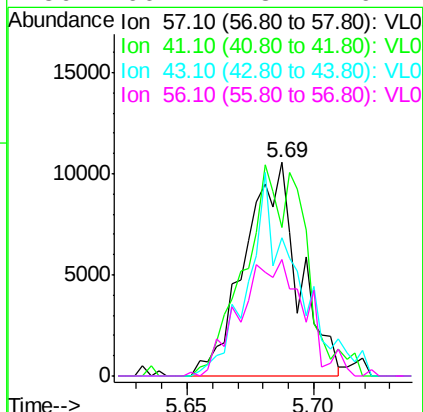
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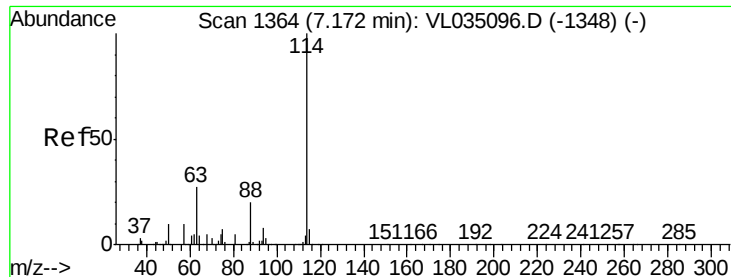
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#26
Hexane
Concen: 0.129 ppbv m
RT: 5.69 min Scan# 902
Delta R.T. 0.02 min
Lab File: VL035115.D
Acq: 22 Jun 2020 17:54

Tgt Ion:	57	Resp:	15549
Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.9	109.3#
43	0.0	181.3	271.9#
56	66.4	43.1	64.7#





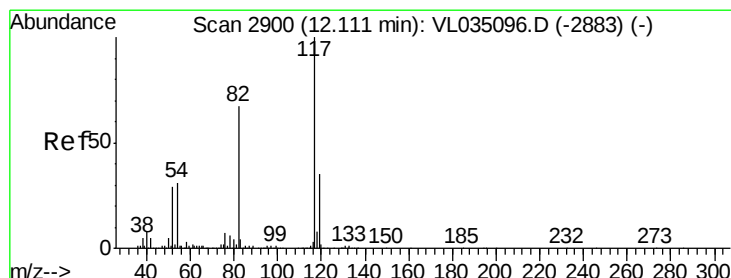
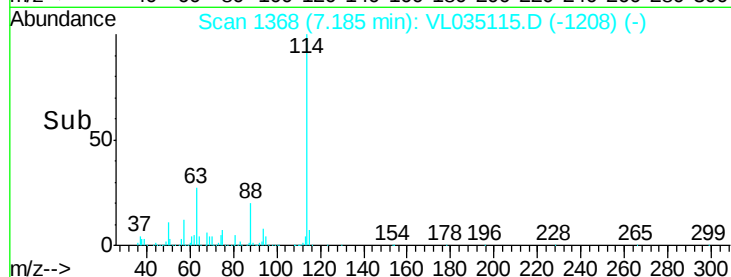
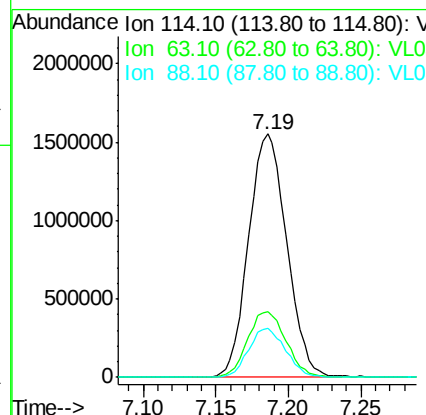
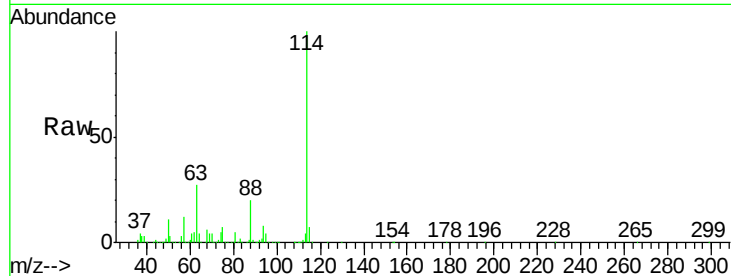
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VL035115.D
 Acq: 22 Jun 2020 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 QC060420 CAN 10060

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.4	21.9	32.9
88	19.6	15.6	23.4

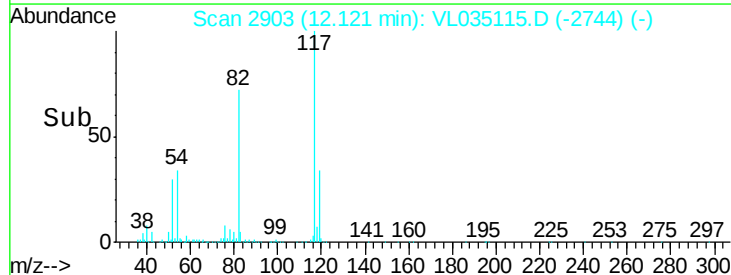
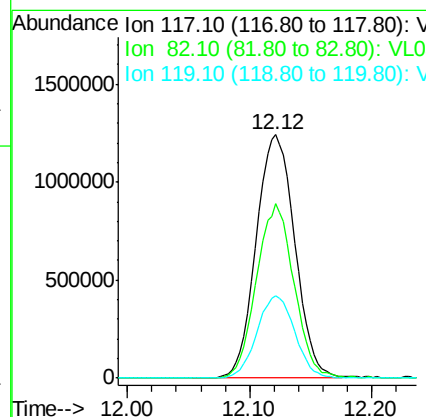
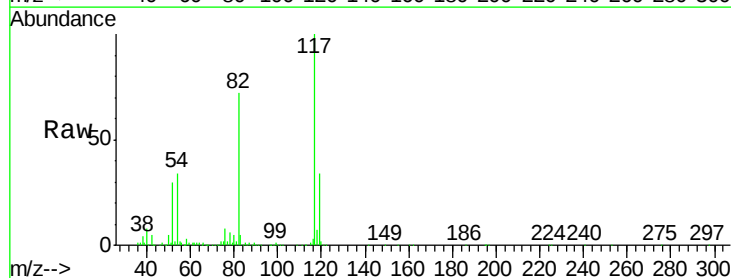
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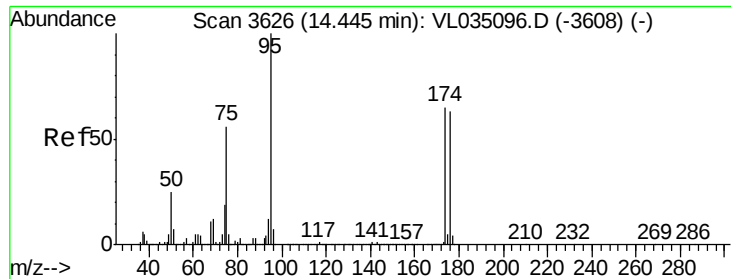
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2903
 Delta R.T. 0.01 min
 Lab File: VL035115.D
 Acq: 22 Jun 2020 17:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	70.0	50.4	75.6
119	33.2	25.4	38.0





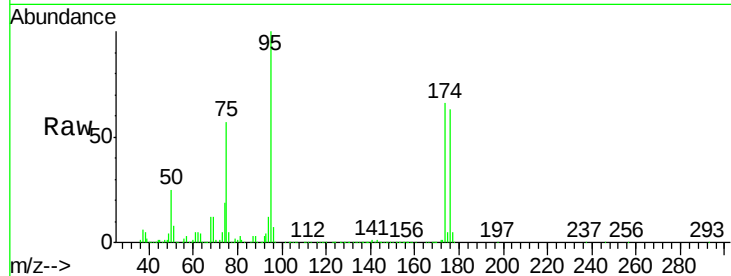
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.157 ppbv
 RT: 14.46 min Scan# 3630
 Delta R.T. 0.01 min
 Lab File: VL035115.D
 Acq: 22 Jun 2020 17:54

Instrument :
 MSVOA_L
 ClientSampleId :
 QC060420 CAN 10060

Tot Ion: 95 Resp: 2293816
 Ion Ratio Lower Upper
 95 100
 174 65.8 52.2 78.2
 175 5.0 4.0 6.0

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Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

