

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035565.D
 Acq On : 8 Sep 2020 20:57
 Operator : SY/AP
 Sample : OC090320 CAN 10439
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090320 CAN 10439

Manual Integrations
 APPROVED

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 9/10/2020 10:45:28 AM

Quant Time: Sep 09 04:40:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 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	5.66	49	1085816	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4469072	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4557824	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3365128	10.40	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	5196m	0.453	ppbv	
20) Methylene Chloride	4.33	84	84923	0.952	ppbv	96
26) Hexane	5.68	57	36038	0.301	ppbv #	47

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

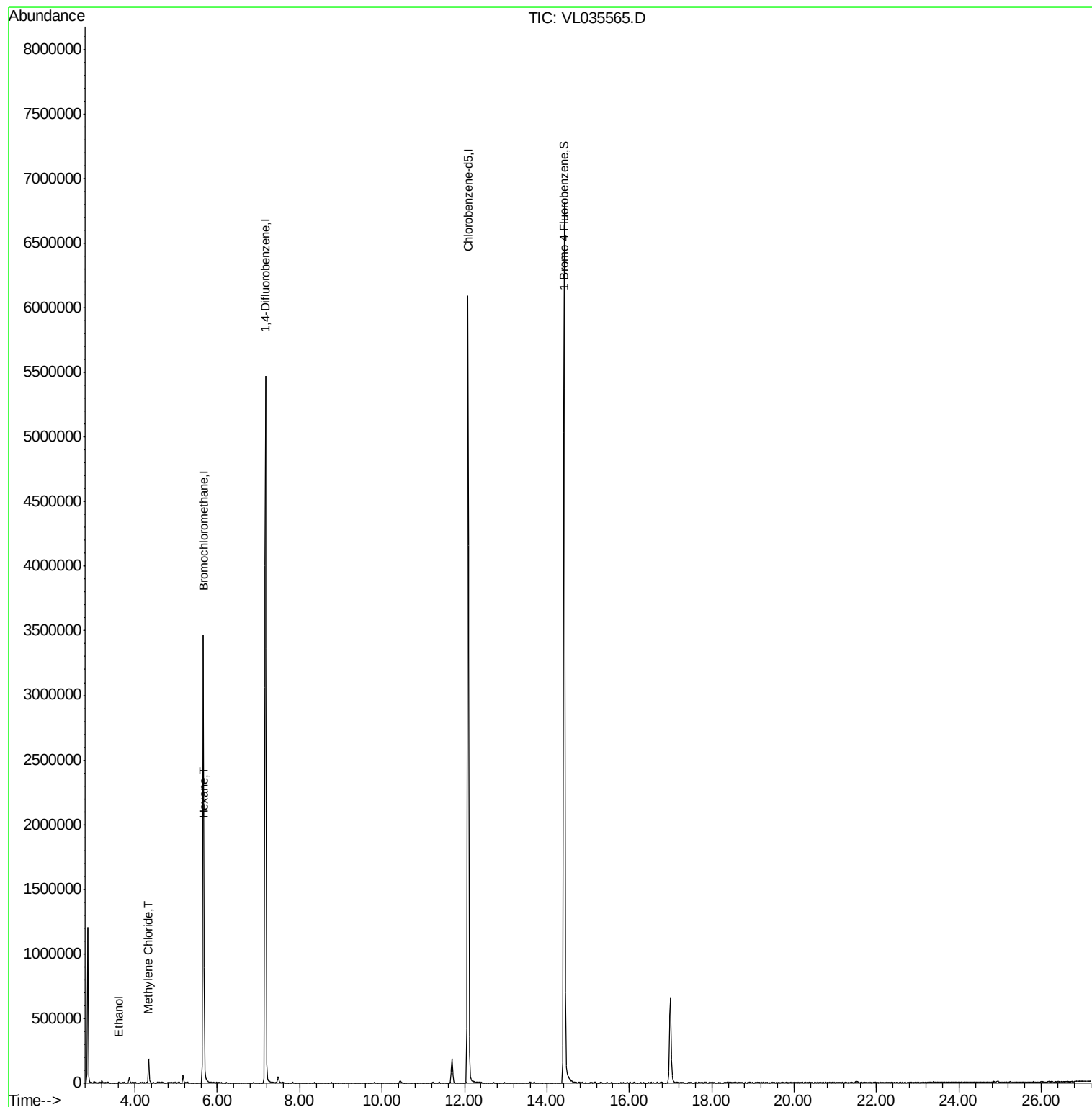
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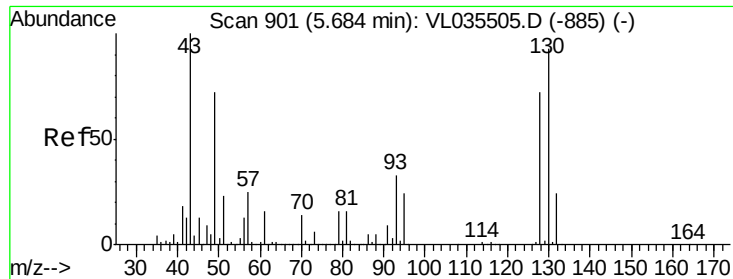
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Quant Time: Sep 09 04:40:28 2020
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Response via : Initial Calibration





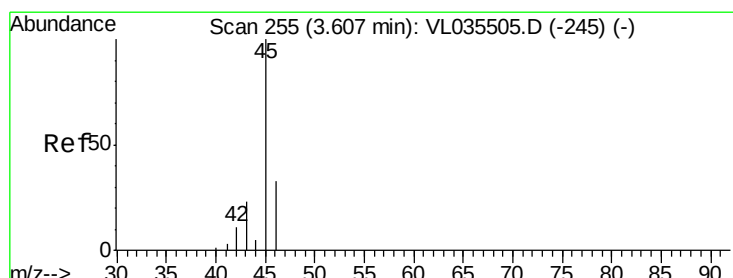
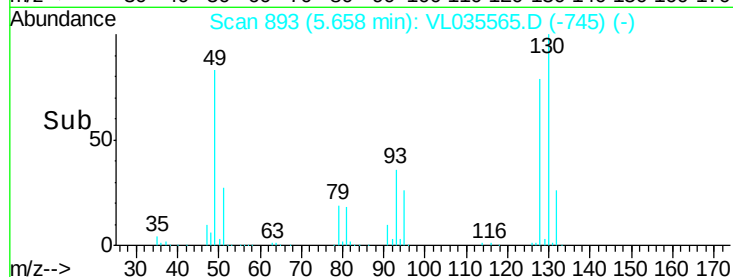
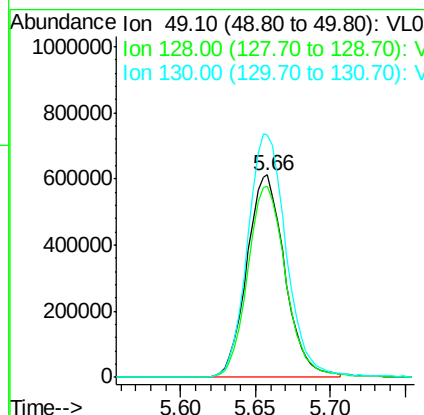
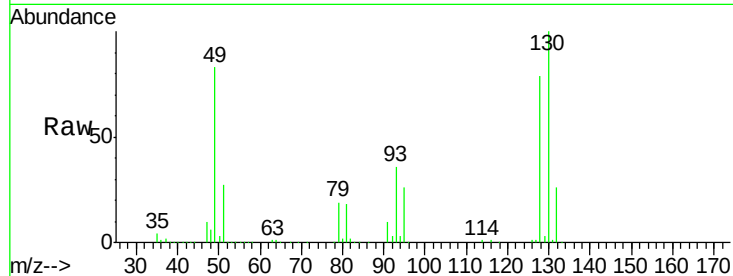
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035565.D
Acq: 8 Sep 2020 20:57

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10439

Tot Ion: 49 Resp: 1085816
Ion Ratio Lower Upper
49 100
128 95.9 50.0 150.1
130 123.5 64.4 193.2

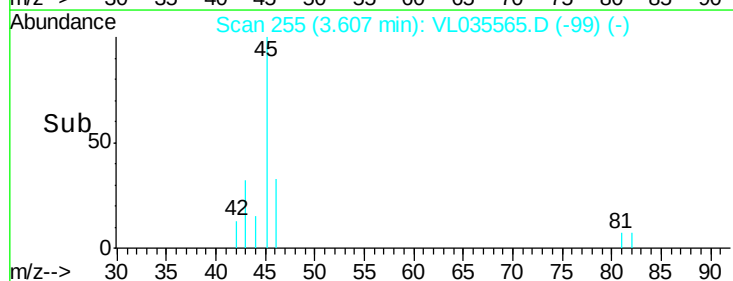
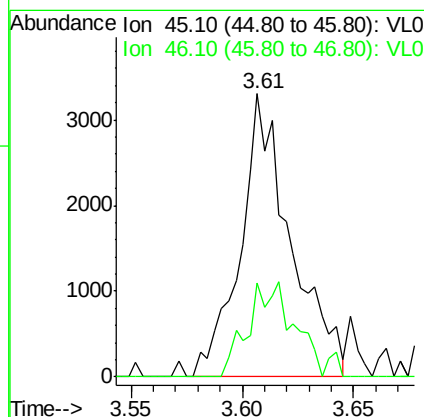
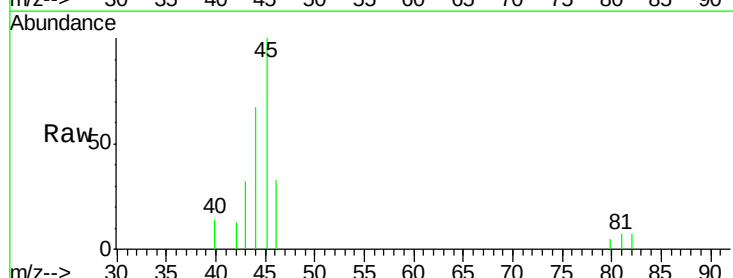
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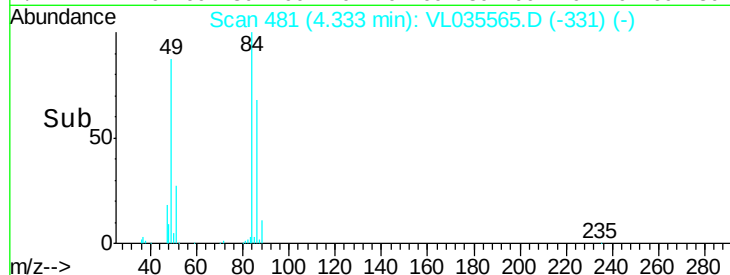
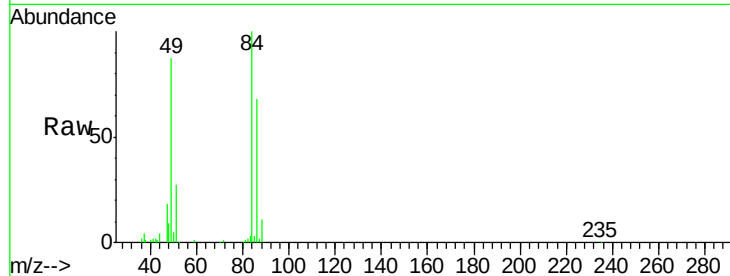
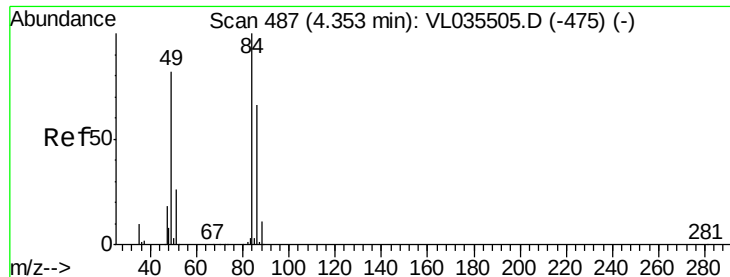
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#13
Ethanol
Concen: 0.453 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: VL035565.D
Acq: 8 Sep 2020 20:57

Tgt Ion: 45 Resp: 5196
Ion Ratio Lower Upper
45 100
46 32.2 15.2 60.6





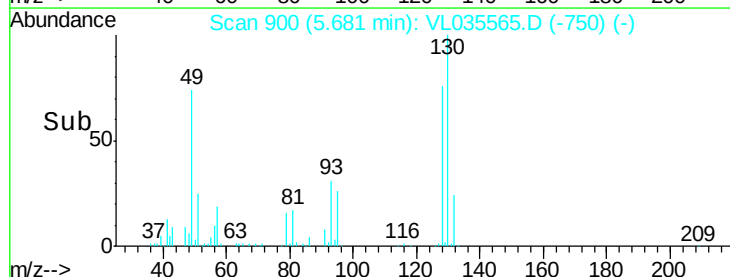
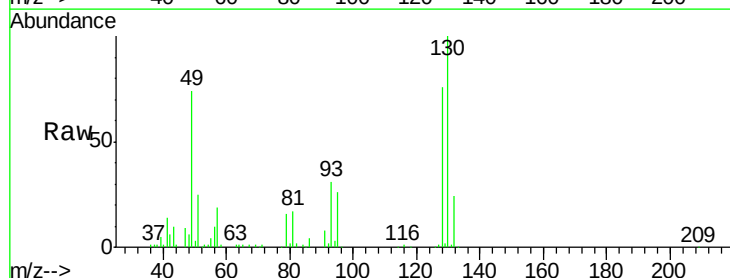
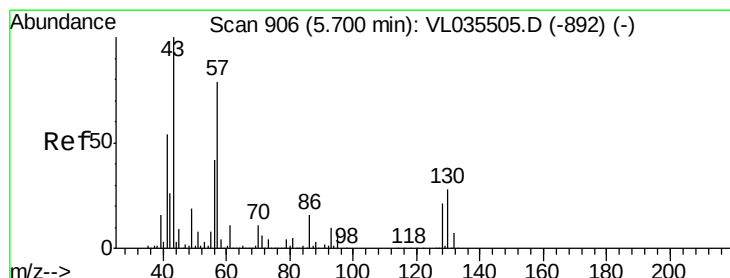
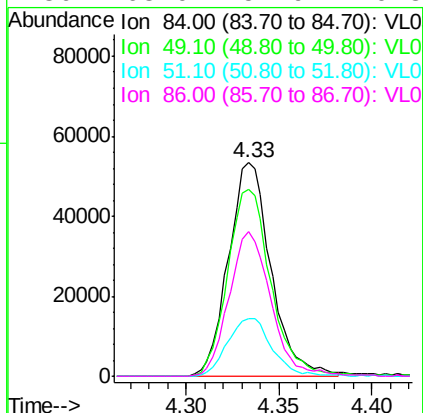
#20
Methylene Chloride
Concen: 0.952 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL035565.D
Acq: 8 Sep 2020 20:57

Tot Ion	84	Resp	84923
Ion Ratio	Lower	Upper	
84	100		
49	87.3	65.4	98.0
51	27.0	21.5	32.3
86	68.0	52.9	79.3

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10439

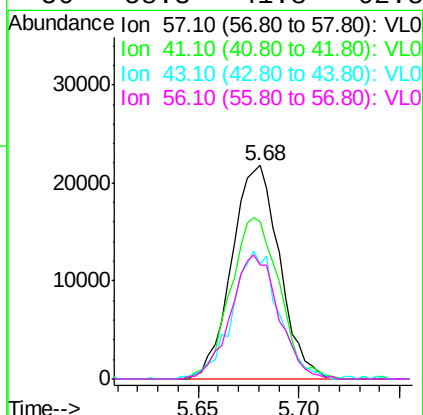
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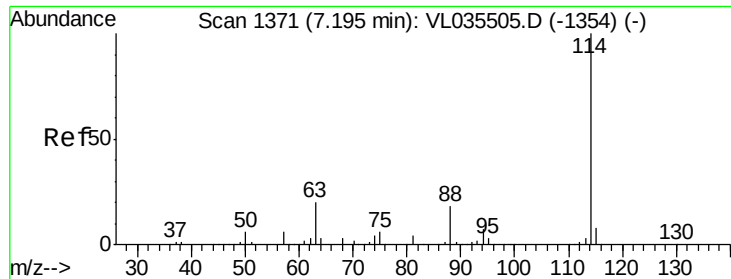
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#26
Hexane
Concen: 0.301 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.02 min
Lab File: VL035565.D
Acq: 8 Sep 2020 20:57

Tgt Ion	57	Resp	36038
Ion Ratio	Lower	Upper	
57	100		
41	78.0	55.9	83.9
43	59.4	141.8	212.8#
56	58.3	41.8	62.8





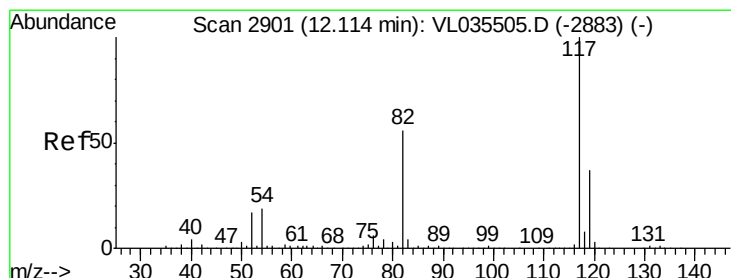
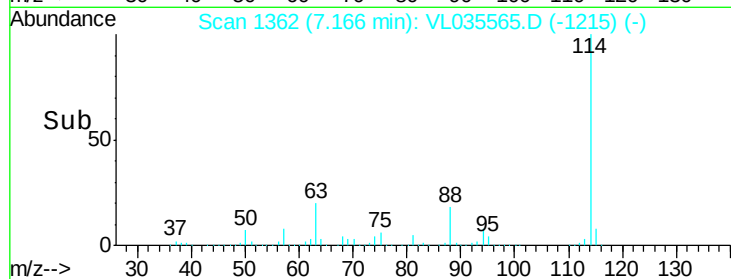
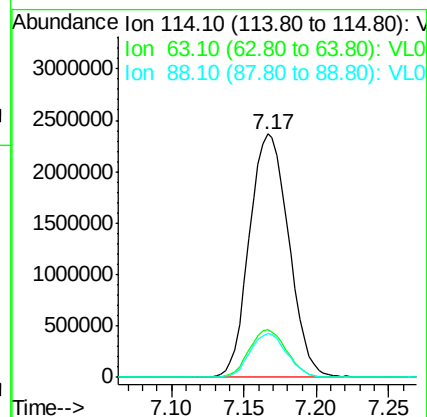
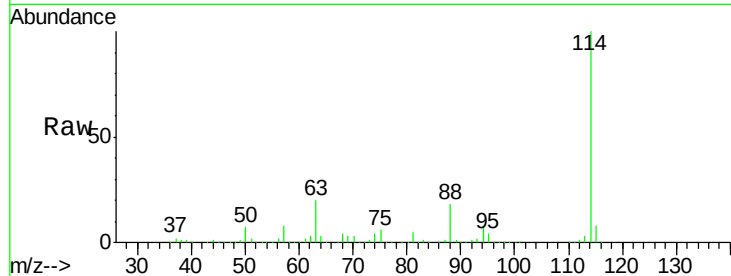
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.03 min
 Lab File: VL035565.D
 Acq: 8 Sep 2020 20:57

Instrument :
 MSVOA_L
 ClientSampleId :
 QC090320 CAN 10439

Tot Ion:114 Resp: 4469072
 Ion Ratio Lower Upper
 114 100
 63 18.8 14.7 22.1
 88 17.1 13.4 20.2

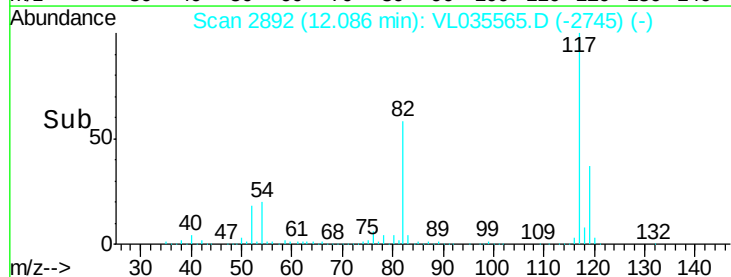
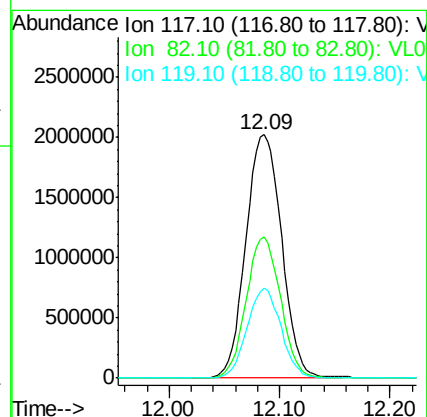
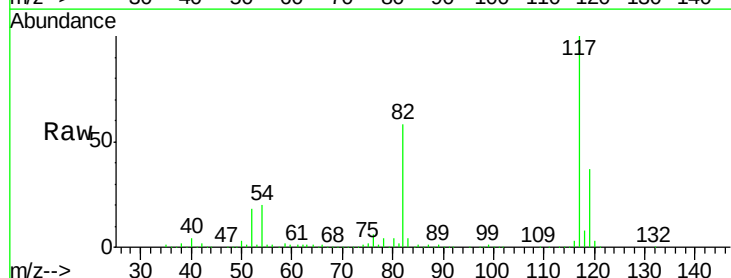
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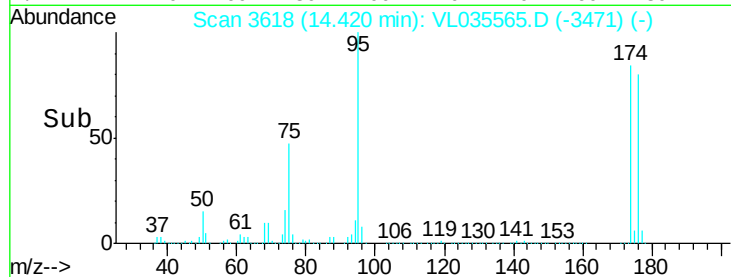
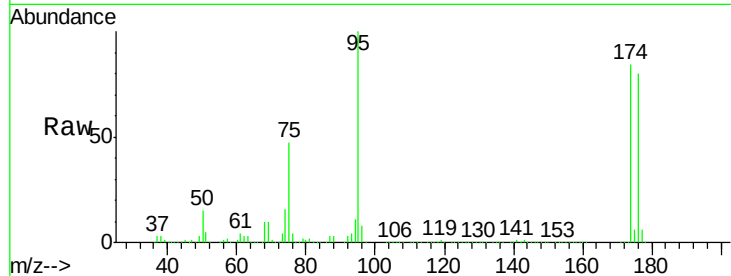
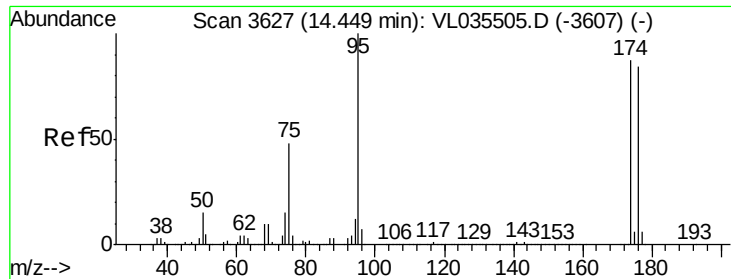
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. -0.03 min
 Lab File: VL035565.D
 Acq: 8 Sep 2020 20:57

Tgt Ion:117 Resp: 4557824
 Ion Ratio Lower Upper
 117 100
 82 56.1 41.6 62.4
 119 35.1 29.3 43.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.397 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.03 min

Lab File: VL035565.D

Acq: 8 Sep 2020 20:57

Tot Ion: 95 Resp: 3365128

Ion Ratio Lower Upper

95 100

174 85.1 69.6 104.4

175 6.2 5.1 7.7

Instrument :

MSVOA_L

ClientSampleId :

QC090320 CAN 10439

Manual Integrations

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