

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036256.D
 Acq On : 20 Jan 2021 21:21
 Operator : SY/AP
 Sample : QC123020 CAN 10599
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC123020 CAN 10599

Manual Integrations
 APPROVED

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 1/21/2021 10:36:18 AM

Quant Time: Jan 21 01:36:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.658	49	1408205	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2989694	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	2614647	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	2237398	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%
Target Compounds						
						Qvalue
15) Acetone	3.864	43	53650m	0.31	ppbv	
20) Methylene Chloride	4.337	84	29815m	0.54	ppbv	
26) Hexane	5.677	57	18985m	0.13	ppbv	

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

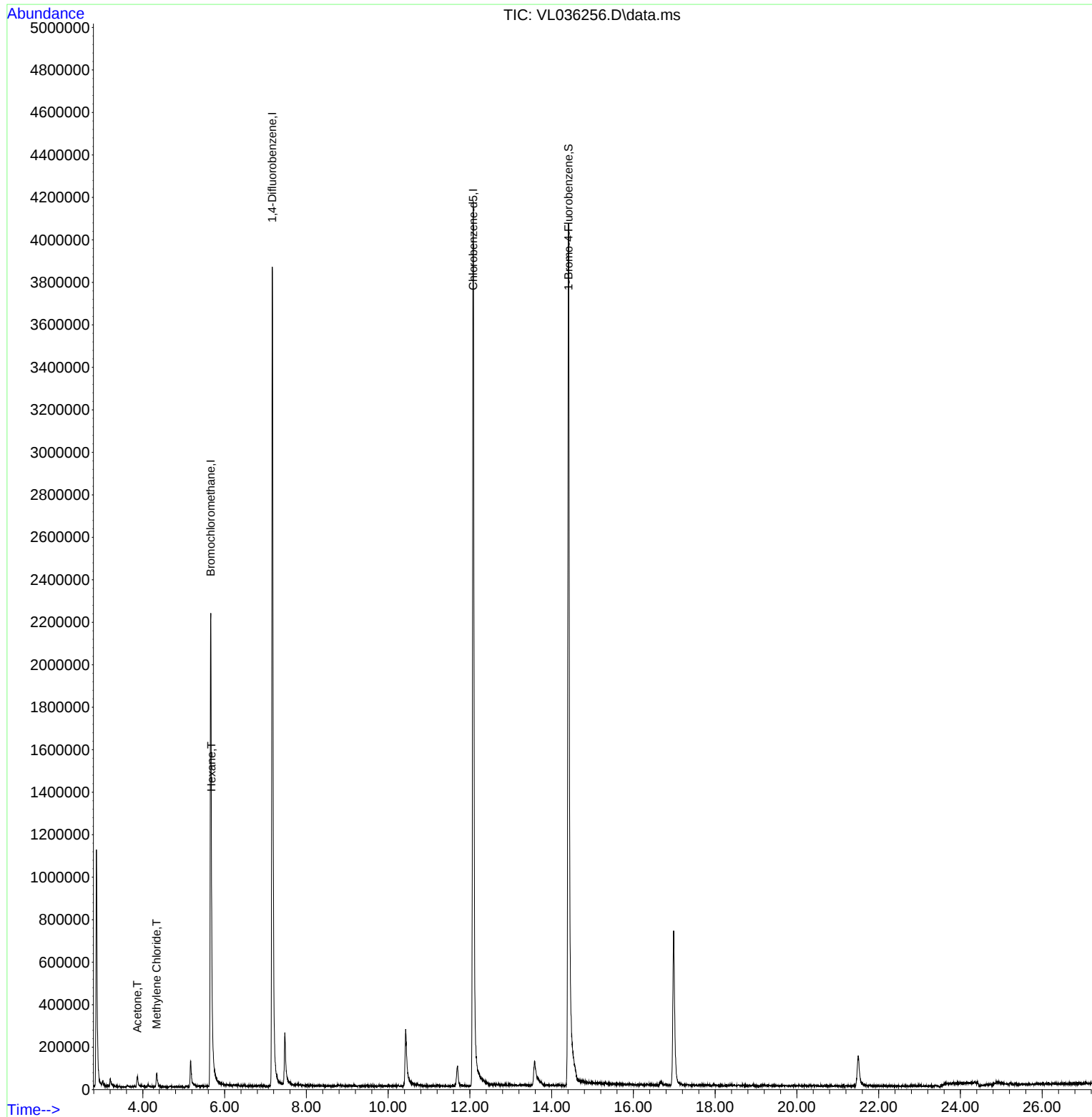
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
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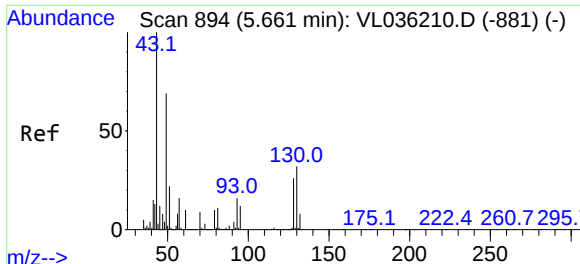
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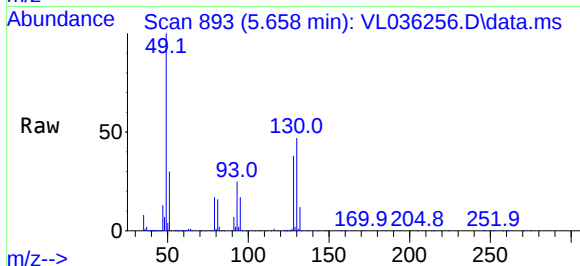
Quant Time: Jan 21 01:36:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.003 min
Lab File: VL036256.D
Acq: 20 Jan 2021 21:21

Instrument :
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ClientSampleId :
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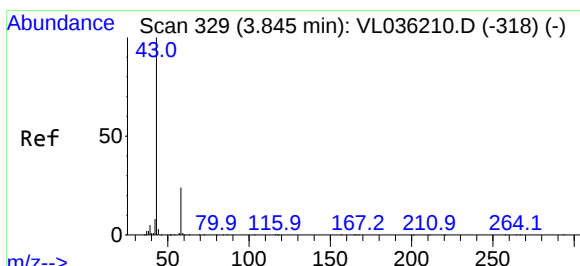
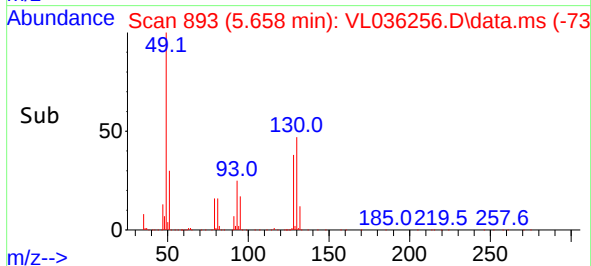
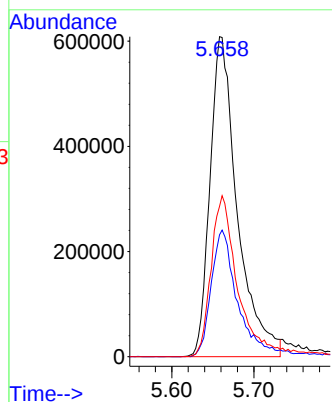


Tgt Ion: 49 Resp: 1408205

Ion	Ratio	Lower	Upper
49	100		
128	40.5	20.1	60.2
130	50.7	25.3	75.9

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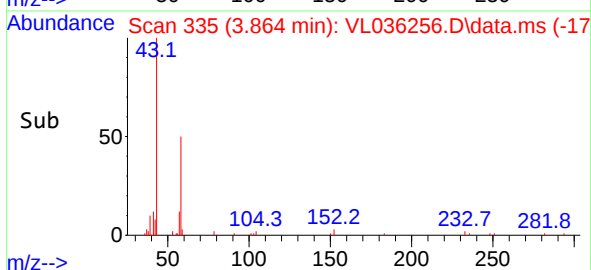
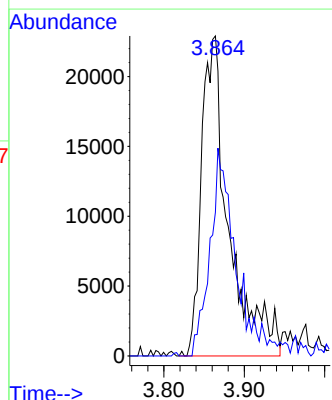
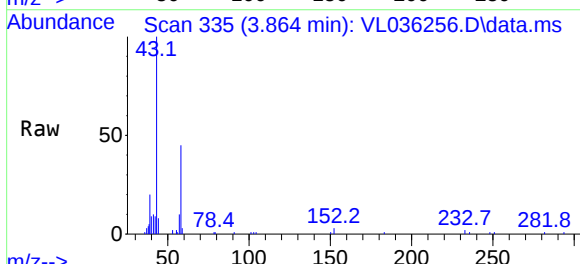
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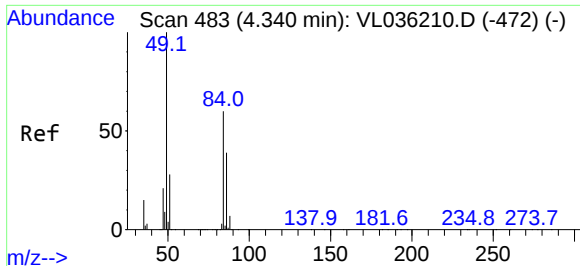


#15
Acetone
Concen: 0.31 ppbv m
RT: 3.864 min Scan# 335
Delta R.T. 0.019 min
Lab File: VL036256.D
Acq: 20 Jan 2021 21:21

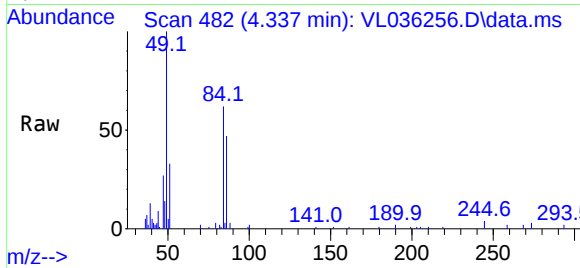
Tgt Ion: 43 Resp: 53650

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.9	31.3#



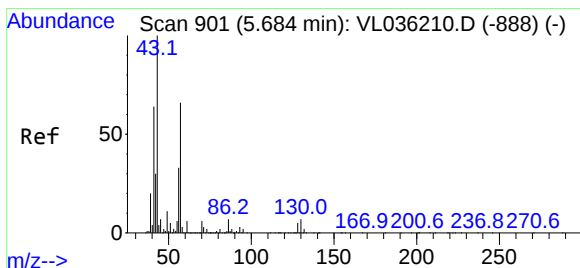
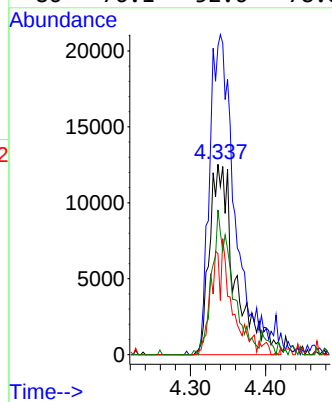
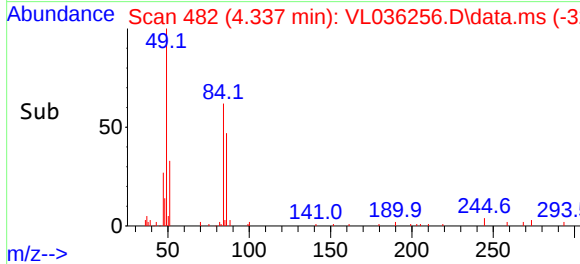


#20
Methylene Chloride
Concen: 0.54 ppbv m
RT: 4.337 min Scan# 482
Delta R.T. -0.003 min
Lab File: VL036256.D
Acq: 20 Jan 2021 21:21

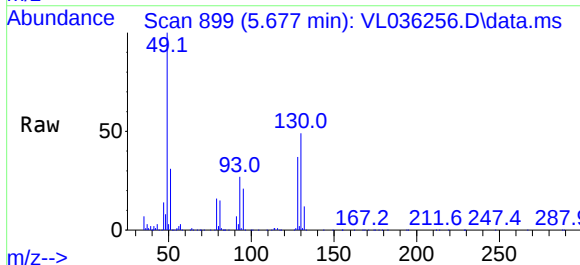


Tgt Ion: 84 Resp: 29815

Ion	Ratio	Lower	Upper
84	100		
49	162.1	134.1	201.1
51	53.1	37.4	56.0
86	76.1	52.6	78.8

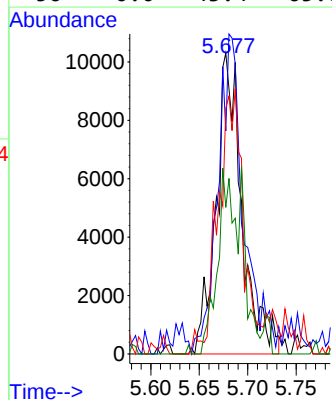
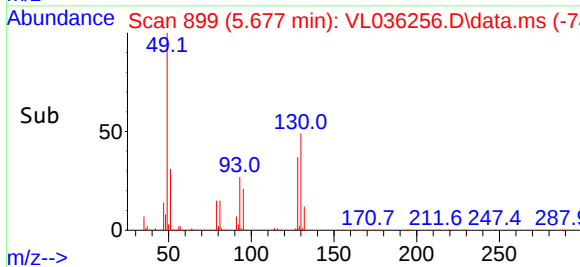


#26
Hexane
Concen: 0.13 ppbv m
RT: 5.677 min Scan# 899
Delta R.T. -0.006 min
Lab File: VL036256.D
Acq: 20 Jan 2021 21:21



Tgt Ion: 57 Resp: 18985

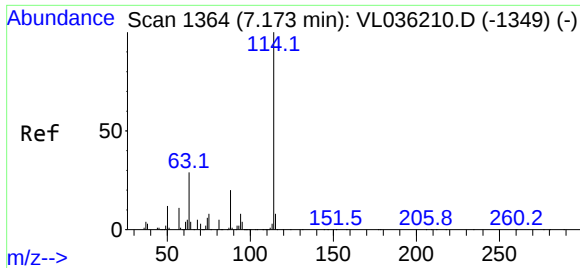
Ion	Ratio	Lower	Upper
57	100		
41	104.9	83.0	124.6
43	0.0	202.4	303.6#
56	0.0	43.4	65.0#



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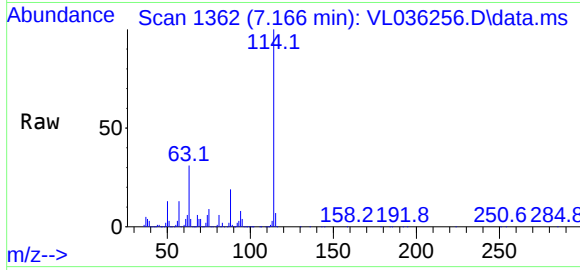
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VL036256.D
Acq: 20 Jan 2021 21:21

Instrument :
MSVOA_L
ClientSampleId :
QC123020 CAN 10599

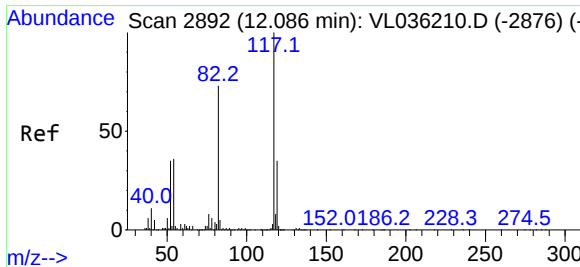
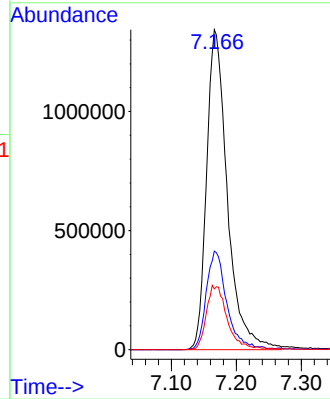
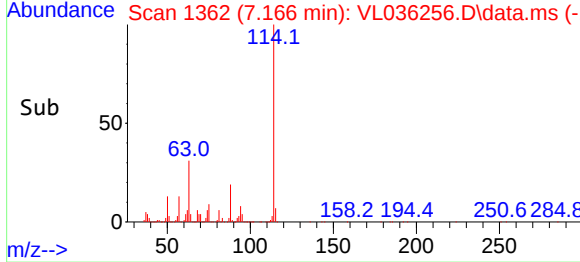


Tgt Ion:114 Resp: 2989694

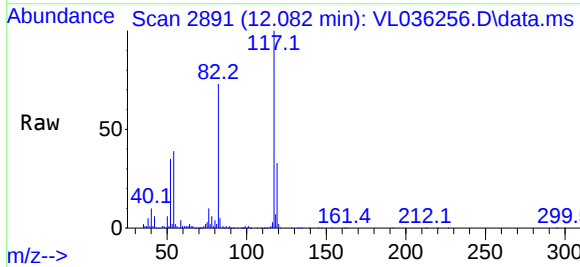
Ion	Ratio	Lower	Upper
114	100		
63	31.0	24.7	37.1
88	20.5	16.6	24.8

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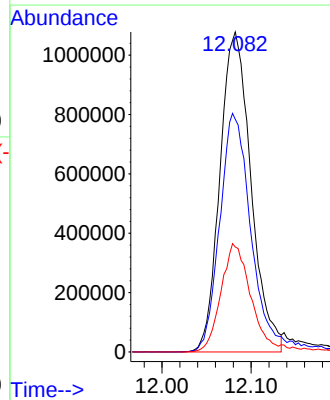
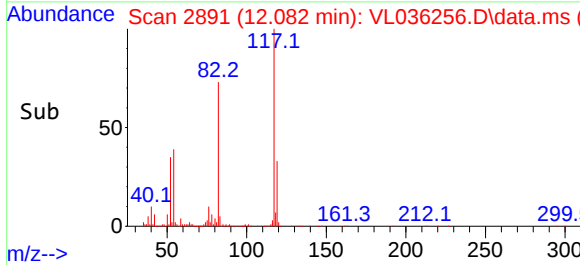


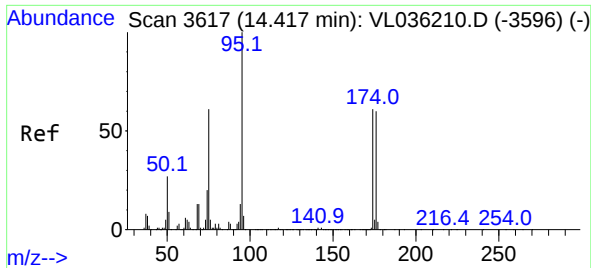
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. -0.003 min
Lab File: VL036256.D
Acq: 20 Jan 2021 21:21



Tgt Ion:117 Resp: 2614647

Ion	Ratio	Lower	Upper
117	100		
82	78.1	59.7	89.5
119	34.0	28.6	43.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.34 ppbv
 RT: 14.413 min Scan# 3616
 Delta R.T. -0.003 min
 Lab File: VL036256.D
 Acq: 20 Jan 2021 21:21

Tgt Ion: 95 Resp: 2237398

Ion	Ratio	Lower	Upper
95	100		
174	62.0	49.4	74.0
175	4.6	3.8	5.8

Instrument :
 MSVOA_L
 ClientSampleId :
 QC123020 CAN 10599

Manual Integrations
 APPROVED

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