

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036255.D
 Acq On : 20 Jan 2021 20:41
 Operator : SY/AP
 Sample : QC122920 CAN 10268
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122920 CAN 10268

Manual Integrations
 APPROVED

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 1/21/2021 10:36:17 AM

Quant Time: Jan 21 01:36:14 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	5.661	49	1407453	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	2976454	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.086	117	2649505	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	2221257	10.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%
Target Compounds						
						Qvalue
15) Acetone	3.861	43	46170m	0.27	ppbv	
20) Methylene Chloride	4.337	84	30452m	0.55	ppbv	
26) Hexane	5.677	57	22310m	0.15	ppbv	

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

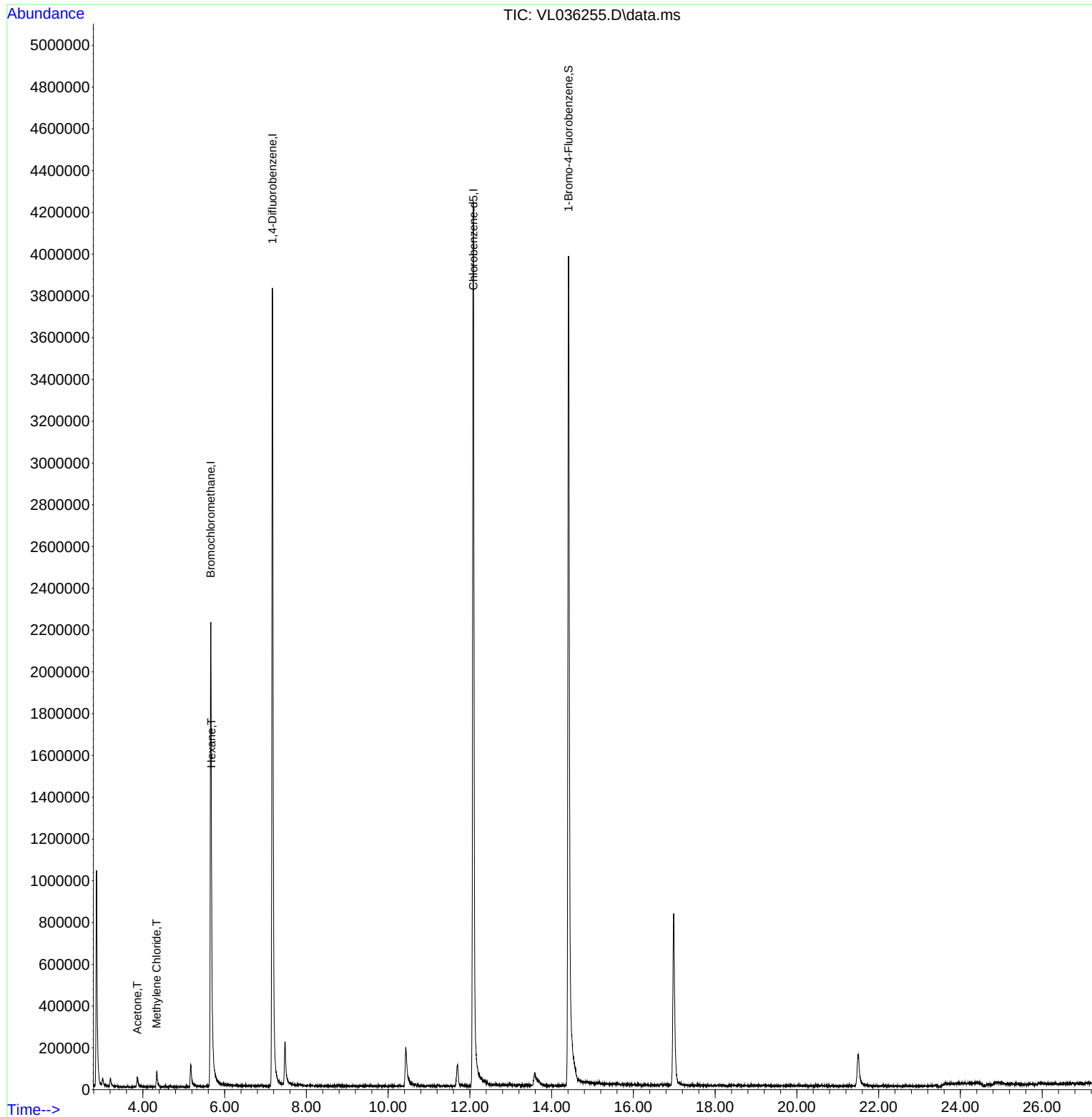
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
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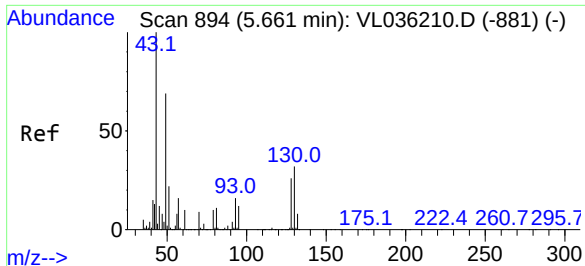
Instrument :
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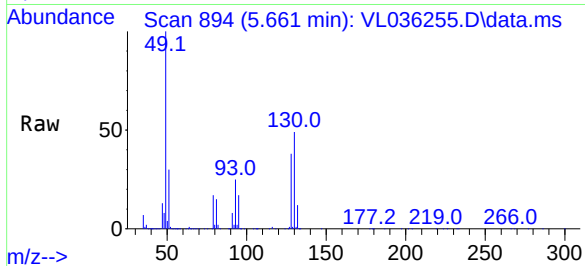
Quant Time: Jan 21 01:36:14 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.661 min Scan# 894
Delta R.T. 0.000 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

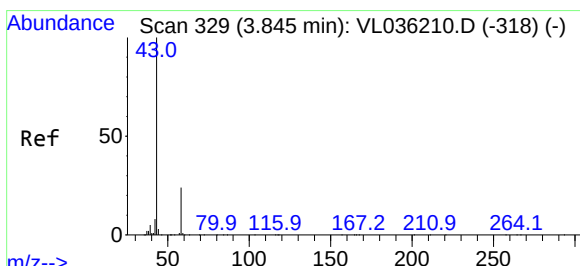
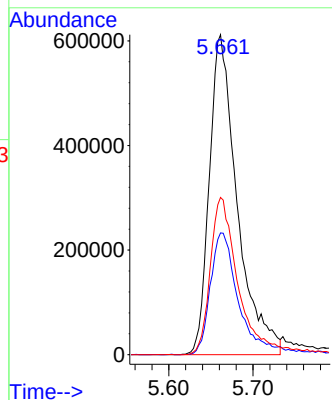
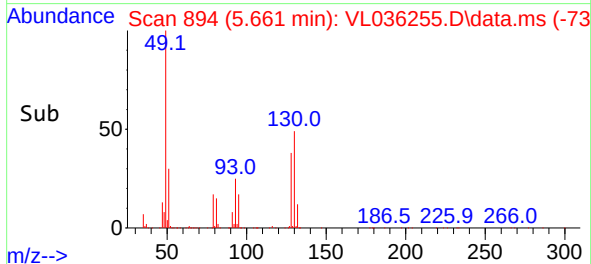
Instrument :
MSVOA_L
ClientSampleId :
QC122920 CAN 10268



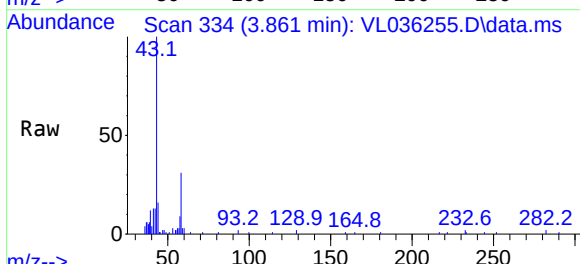
Tgt Ion: 49 Resp: 1407453
Ion Ratio Lower Upper
49 100
128 39.9 20.1 60.2
130 51.2 25.3 75.9

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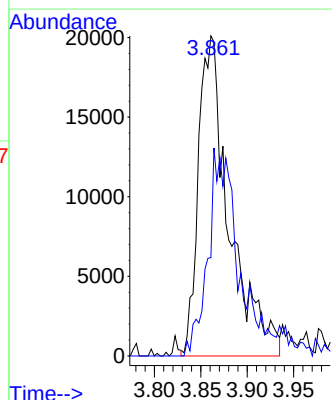
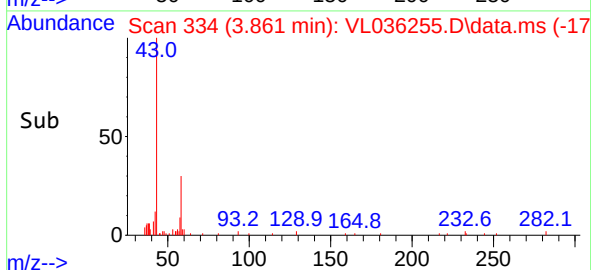
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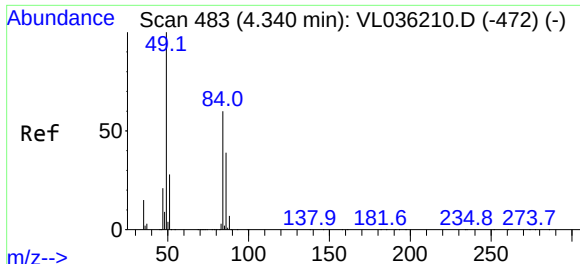


#15
Acetone
Concen: 0.27 ppbv m
RT: 3.861 min Scan# 334
Delta R.T. 0.016 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41



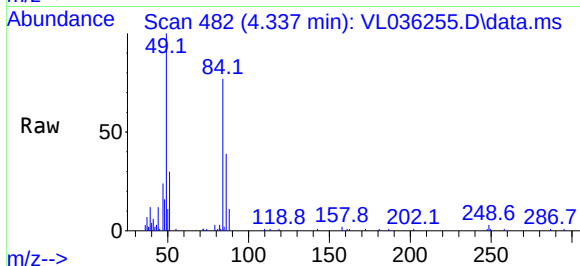
Tgt Ion: 43 Resp: 46170
Ion Ratio Lower Upper
43 100
58 69.5 20.9 31.3#





#20
Methylene Chloride
Concen: 0.55 ppbv m
RT: 4.337 min Scan# 482
Delta R.T. -0.003 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

Instrument :
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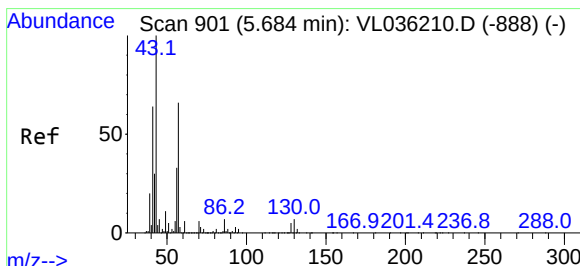
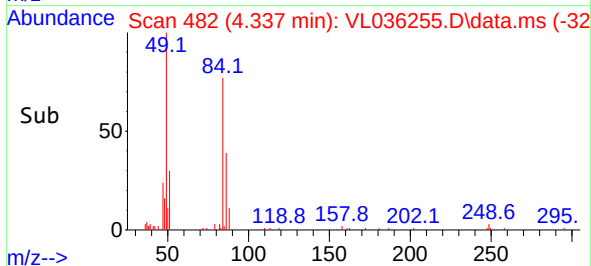
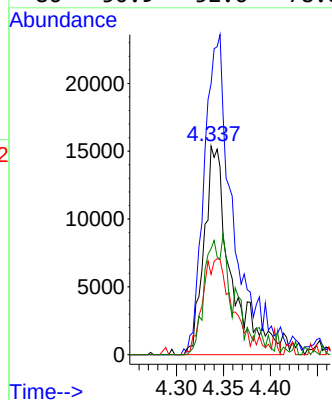


Tgt Ion: 84 Resp: 30452

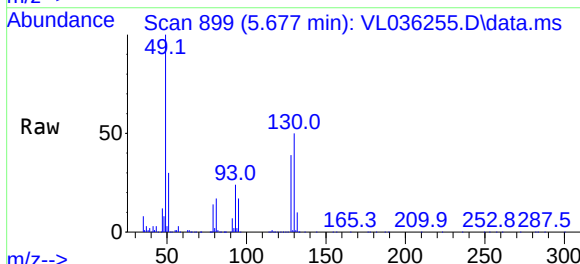
Ion	Ratio	Lower	Upper
84	100		
49	130.0	134.1	201.1#
51	38.6	37.4	56.0
86	50.9	52.6	78.8#

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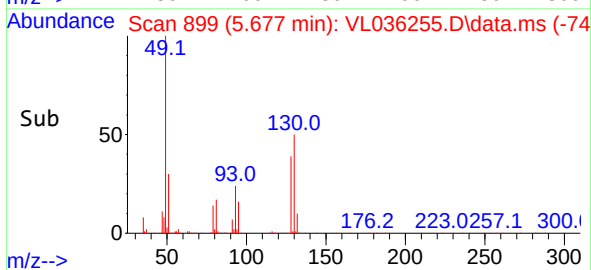
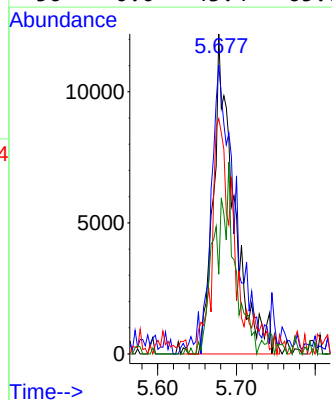


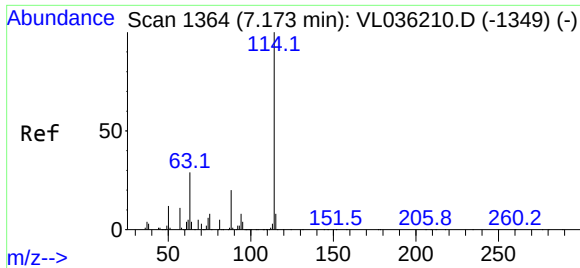
#26
Hexane
Concen: 0.15 ppbv m
RT: 5.677 min Scan# 899
Delta R.T. -0.006 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41



Tgt Ion: 57 Resp: 22310

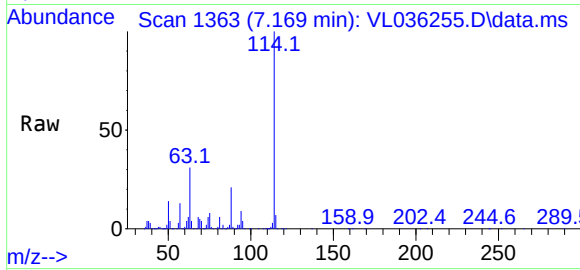
Ion	Ratio	Lower	Upper
57	100		
41	0.0	83.0	124.6#
43	0.0	202.4	303.6#
56	0.0	43.4	65.0#





#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.003 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41

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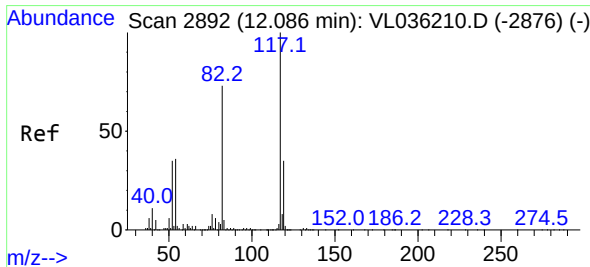
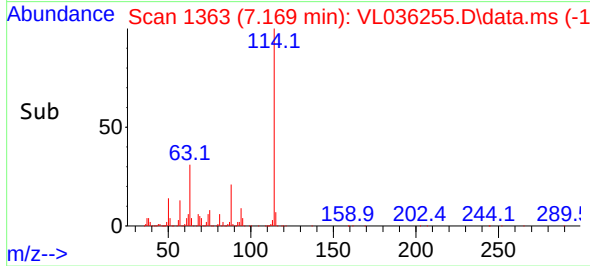
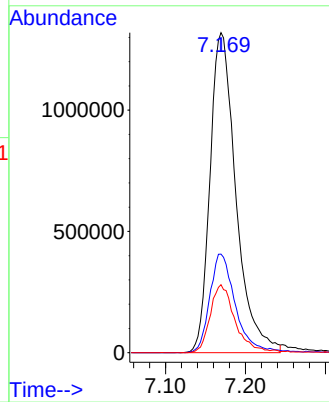


Tgt Ion:114 Resp: 2976454

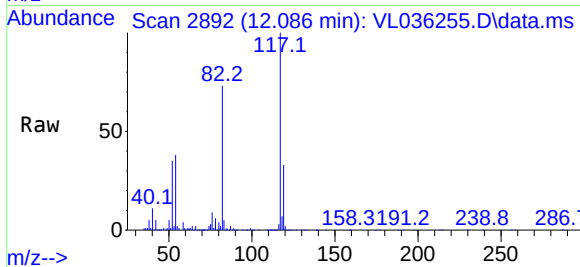
Ion	Ratio	Lower	Upper
114	100		
63	31.0	24.7	37.1
88	20.7	16.6	24.8

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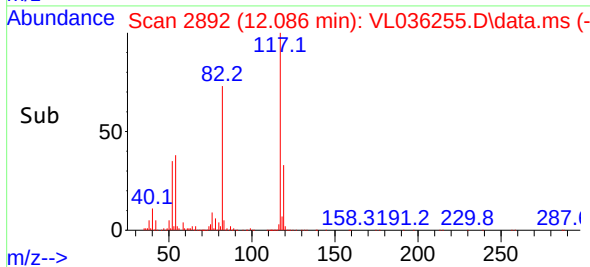
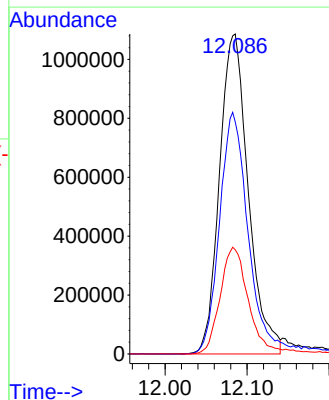


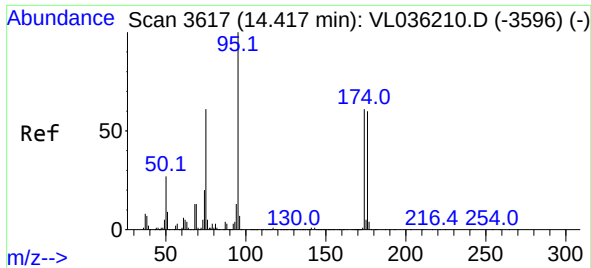
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.086 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VL036255.D
Acq: 20 Jan 2021 20:41



Tgt Ion:117 Resp: 2649505

Ion	Ratio	Lower	Upper
117	100		
82	79.4	59.7	89.5
119	34.0	28.6	43.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.13 ppbv
 RT: 14.413 min Scan# 3616
 Delta R.T. -0.003 min
 Lab File: VL036255.D
 Acq: 20 Jan 2021 20:41

Tgt Ion: 95 Resp: 2221257
 Ion Ratio Lower Upper
 95 100
 174 62.8 49.4 74.0
 175 4.7 3.8 5.8

Instrument :
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 ClientSampleId :
 QC122920 CAN 10268

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