

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
 Data File : VL037734.D
 Acq On : 30 Sep 2021 9:20
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

SAM
 10/1/2021 11:09:20 AM

Quant Time: Oct 01 01:16:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	1150649	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	3519100	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.072	117	3009273	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2119061	9.74	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.40%
Target Compounds						
						Qvalue
9) Propene	3.018	41	17419m	0.23	ppbv	
15) Acetone	3.857	43	68531m	0.57	ppbv	
20) Methylene Chloride	4.343	84	27773m	0.49	ppbv	

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

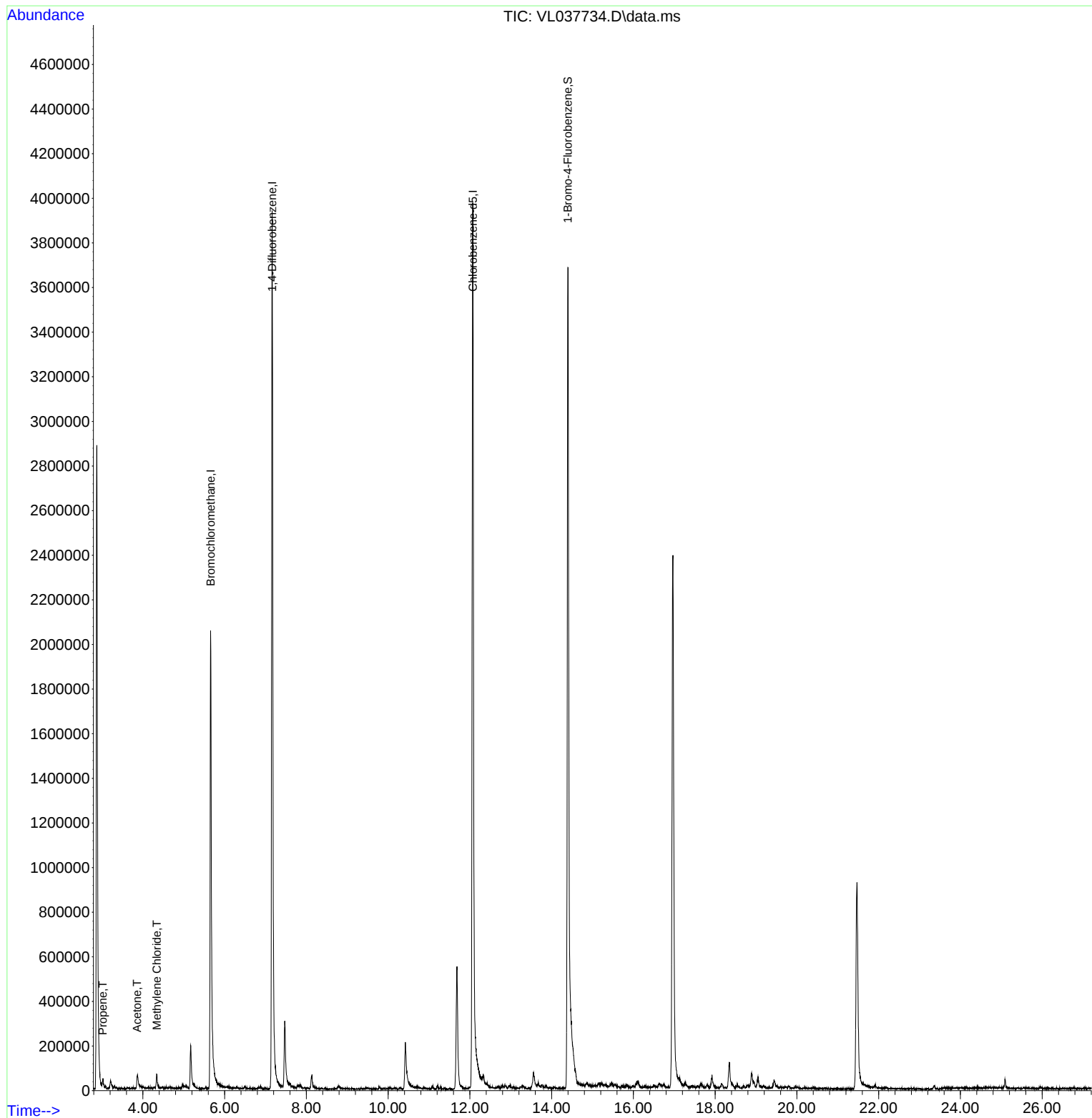
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
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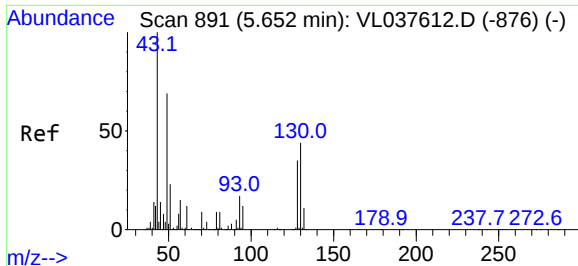
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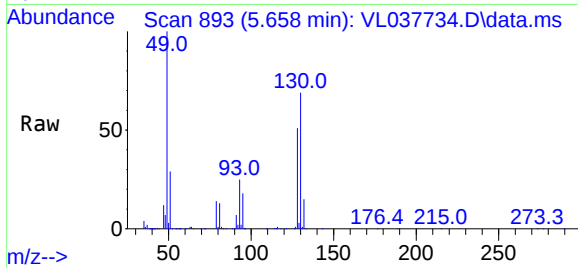
Quant Time: Oct 01 01:16:43 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.658 min Scan# 893
Delta R.T. 0.006 min
Lab File: VL037734.D
Acq: 30 Sep 2021 9:20

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

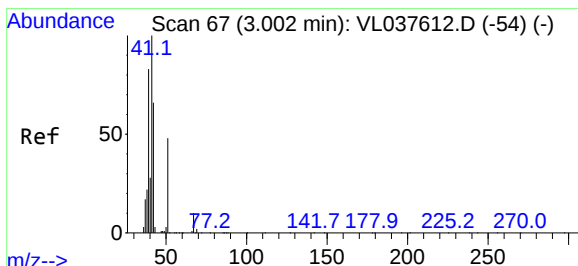
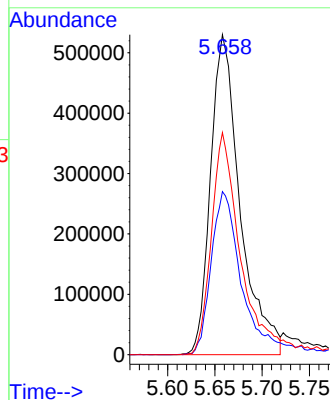
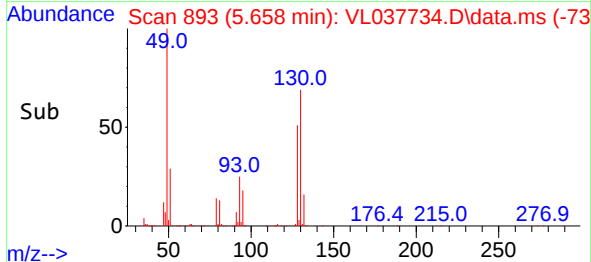


Tgt Ion: 49 Resp: 1150649

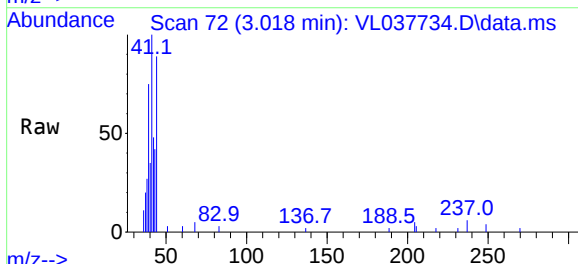
Ion	Ratio	Lower	Upper
49	100		
128	55.1	27.9	83.6
130	72.2	33.9	101.7

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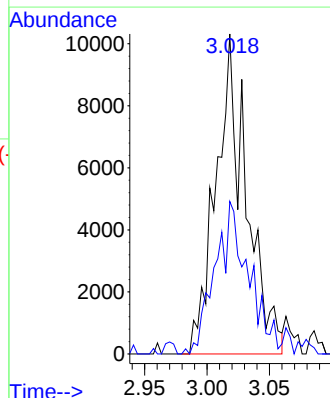
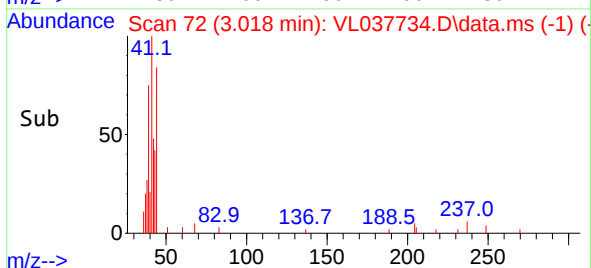


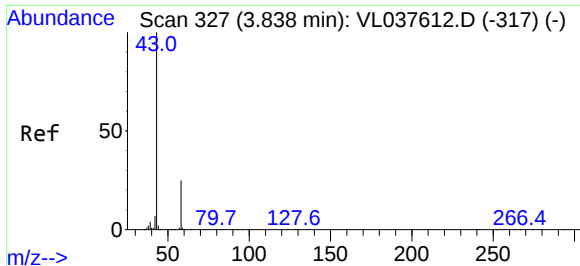
#9
Propene
Concen: 0.23 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. 0.016 min
Lab File: VL037734.D
Acq: 30 Sep 2021 9:20



Tgt Ion: 41 Resp: 17419

Ion	Ratio	Lower	Upper
41	100		
42	55.5	57.2	85.8#





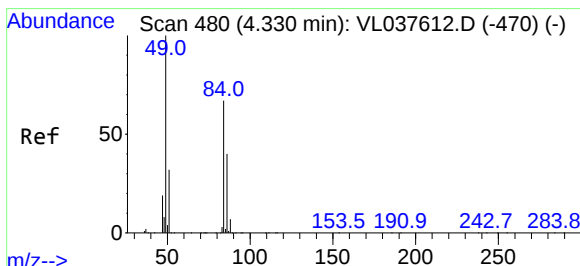
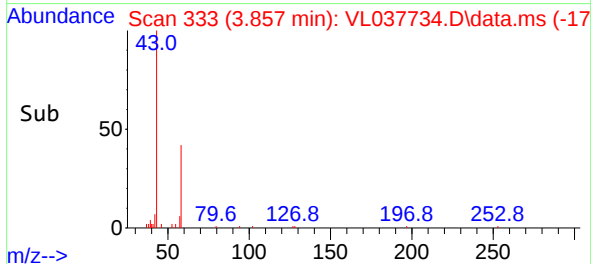
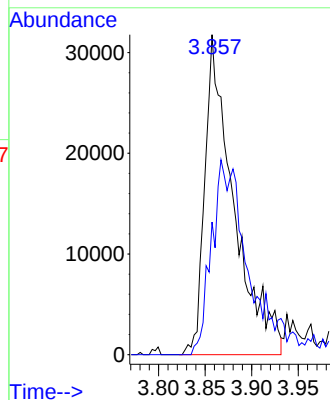
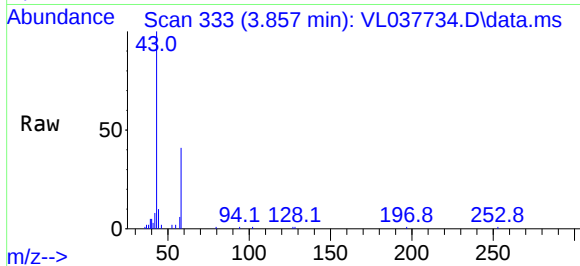
#15
Acetone
Concen: 0.57 ppbv m
RT: 3.857 min Scan# 333
Delta R.T. 0.019 min
Lab File: VL037734.D
Acq: 30 Sep 2021 9:20

Tgt Ion: 43 Resp: 68531
Ion Ratio Lower Upper
43 100
58 81.6 24.9 37.3#

Instrument :
MSVOA_L
ClientSampled :
VIBLK

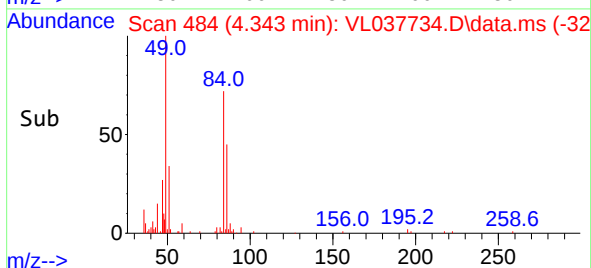
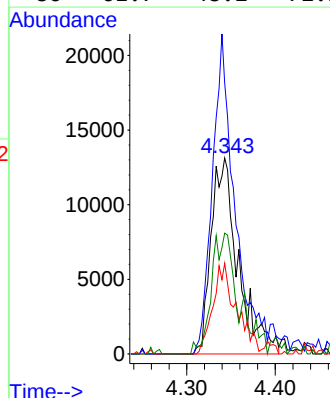
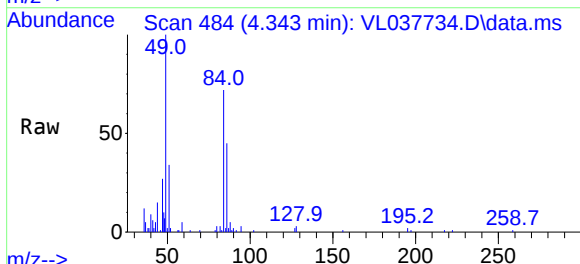
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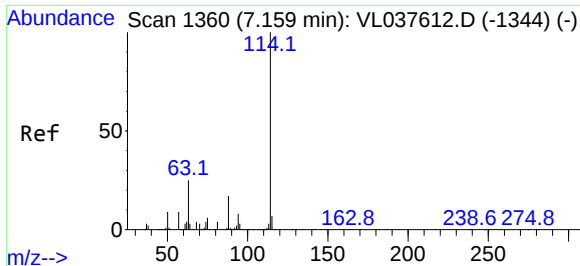
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#20
Methylene Chloride
Concen: 0.49 ppbv m
RT: 4.343 min Scan# 484
Delta R.T. 0.013 min
Lab File: VL037734.D
Acq: 30 Sep 2021 9:20

Tgt Ion: 84 Resp: 27773
Ion Ratio Lower Upper
84 100
49 138.2 120.0 180.0
51 46.3 38.0 57.0
86 61.7 48.2 72.2





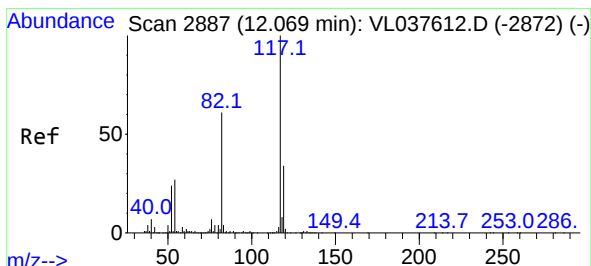
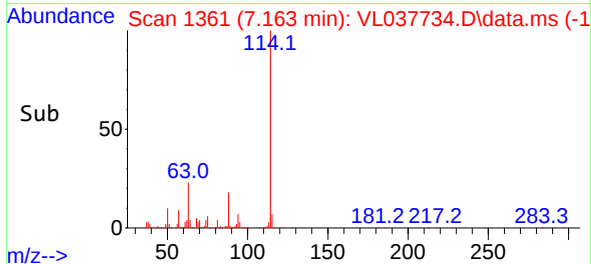
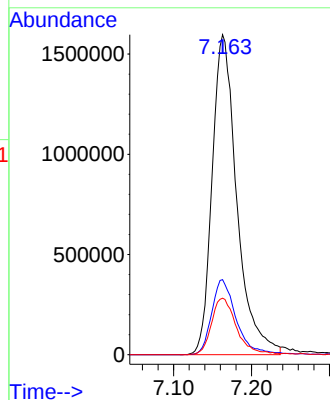
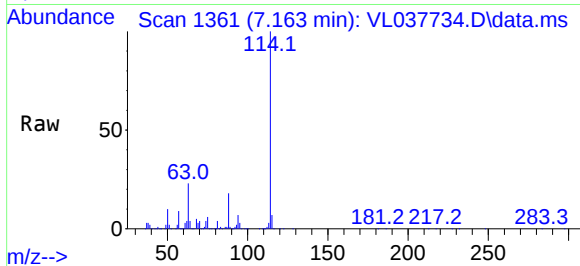
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.163 min Scan# 1361
Delta R.T. 0.003 min
Lab File: VL037734.D
Acq: 30 Sep 2021 9:20

Tgt Ion:114 Resp: 3519100
Ion Ratio Lower Upper
114 100
63 23.6 19.6 29.4
88 18.2 14.2 21.4

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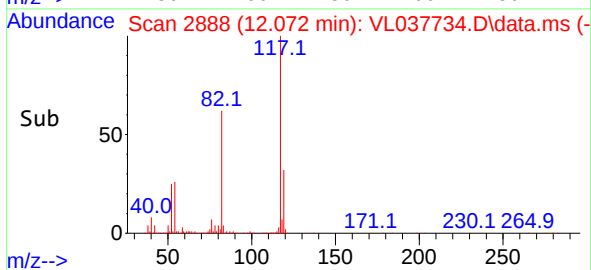
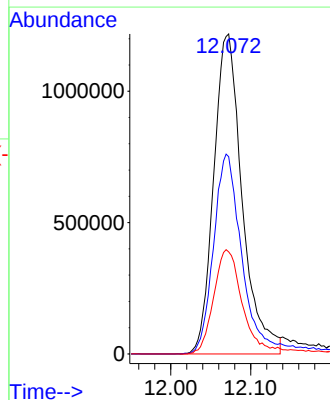
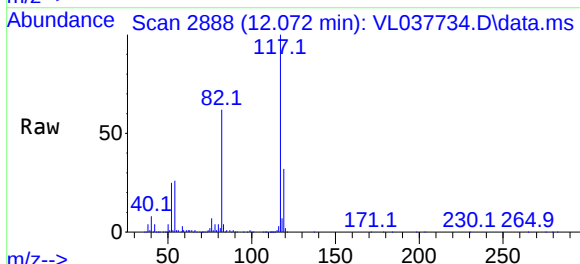
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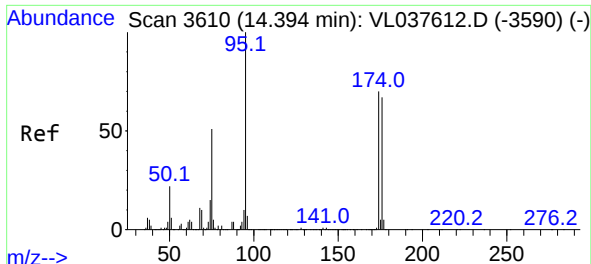
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.072 min Scan# 2888
Delta R.T. 0.003 min
Lab File: VL037734.D
Acq: 30 Sep 2021 9:20

Tgt Ion:117 Resp: 3009273
Ion Ratio Lower Upper
117 100
82 67.0 50.6 75.8
119 35.0 26.2 39.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.74 ppbv
 RT: 14.397 min Scan# 3611
 Delta R.T. 0.003 min
 Lab File: VL037734.D
 Acq: 30 Sep 2021 9:20

Tgt Ion: 95 Resp: 2119061

Ion	Ratio	Lower	Upper
95	100		
174	78.4	56.3	84.5
175	5.6	4.4	6.6

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

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