

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039284.D
 Acq On : 14 Jun 2022 17:24
 Operator : SY/AP
 Sample : N3330-02DL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SG-2DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 15 03:20:01 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1368451	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3763736	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	3290763	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	2507211	9.216	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.200%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.996	51	92725	0.533	ppbv #	87
13) Ethanol	3.613	45	68160m	16.462	ppbv	
52) Tetrachloroethene	11.227	164	824587	6.912	ppbv	95

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

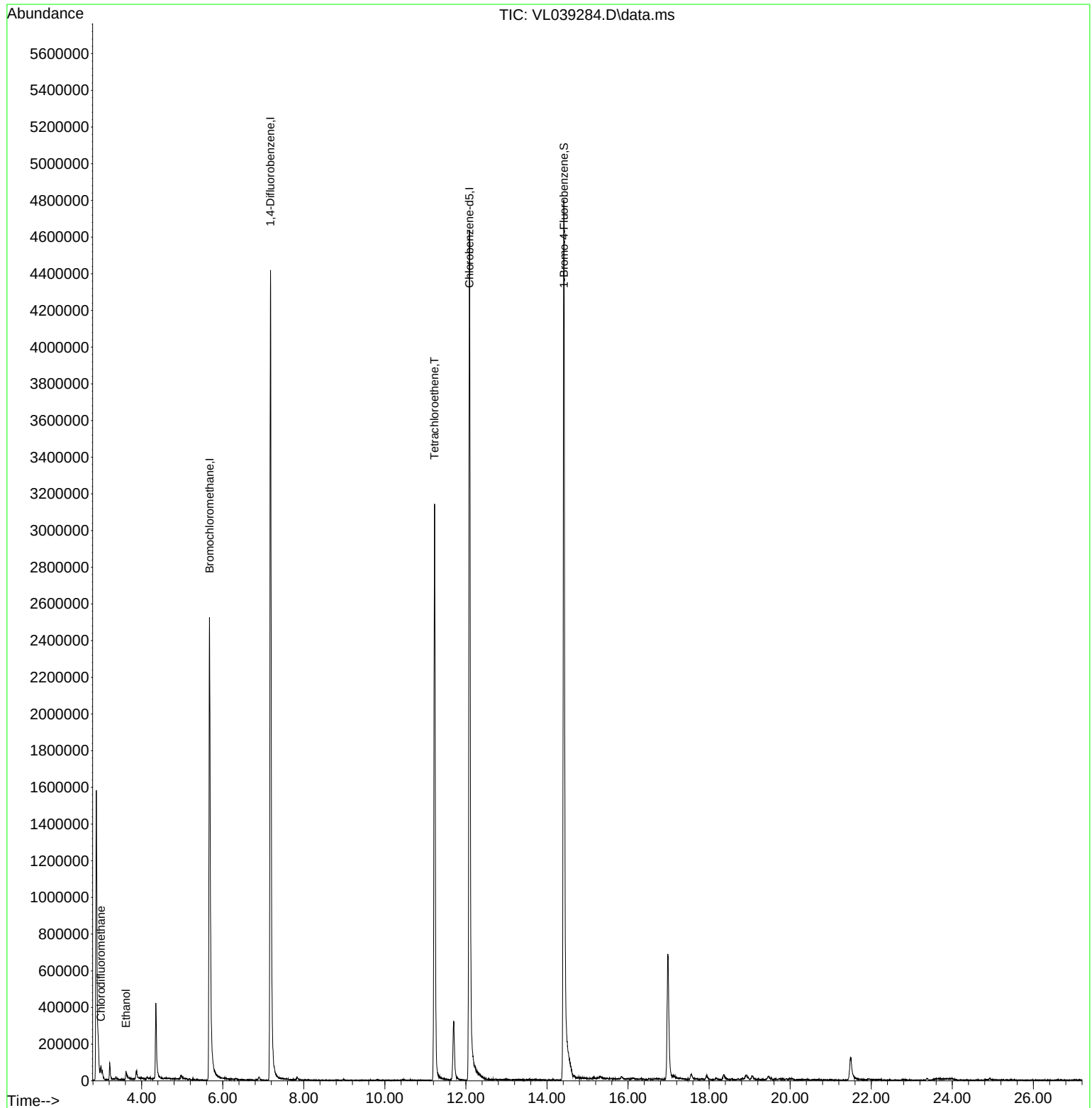
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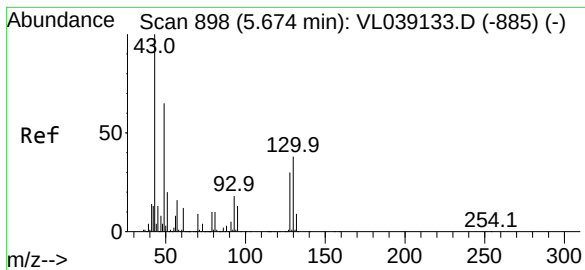
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL2

Quant Time: Jun 15 03:20:01 2022
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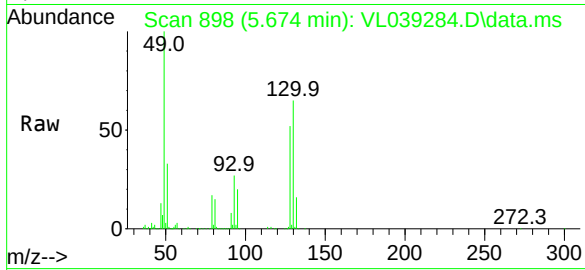
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.000 min
Lab File: VL039284.D
Acq: 14 Jun 2022 17:24

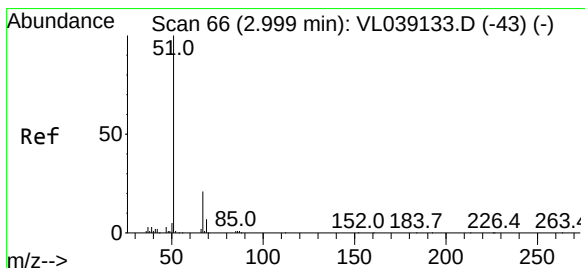
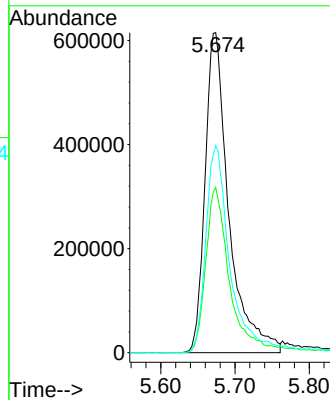
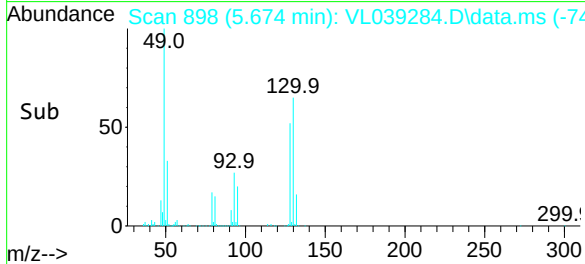
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL2



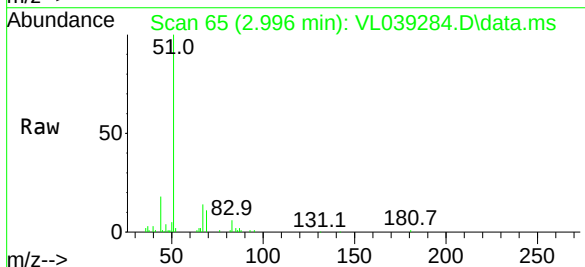
Tgt Ion: 49 Resp: 136845
Ion Ratio Lower Upper
49 100
128 53.2 24.7 74.1
130 68.8 31.4 94.0

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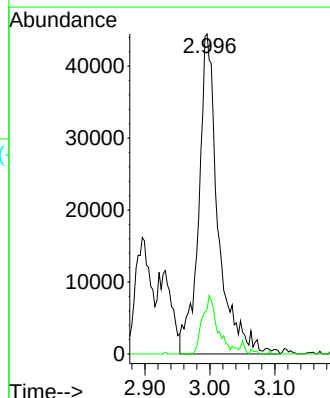
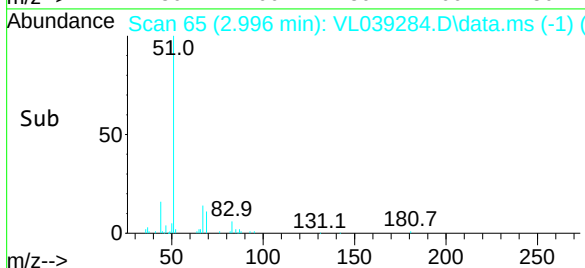
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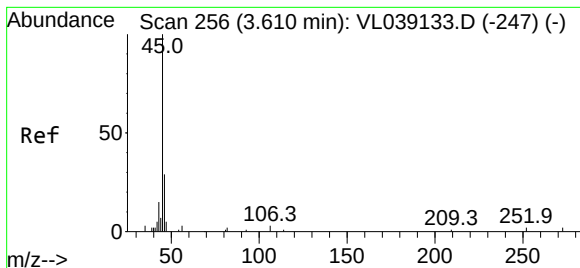


#3
Chlorodifluoromethane
Concen: 0.533 ppbv
RT: 2.996 min Scan# 65
Delta R.T. -0.003 min
Lab File: VL039284.D
Acq: 14 Jun 2022 17:24



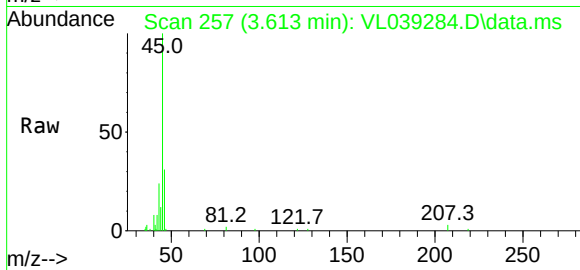
Tgt Ion: 51 Resp: 92725
Ion Ratio Lower Upper
51 100
67 14.4 16.2 24.4





#13
Ethanol
Concen: 16.462 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039284.D
Acq: 14 Jun 2022 17:24

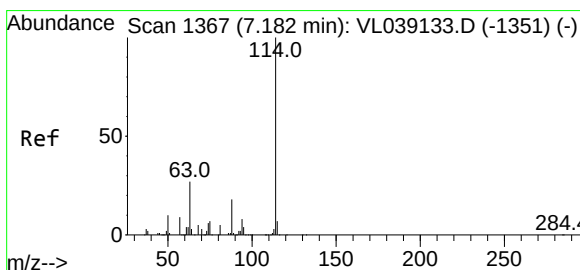
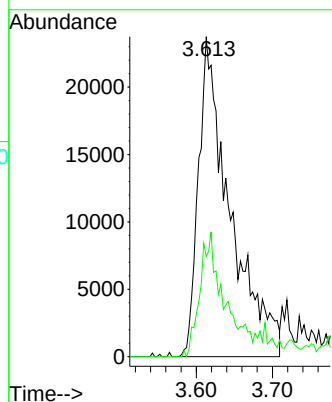
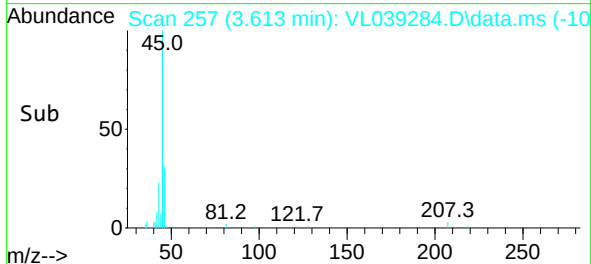
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ClientSampleId :
OTC-SG-2DL2



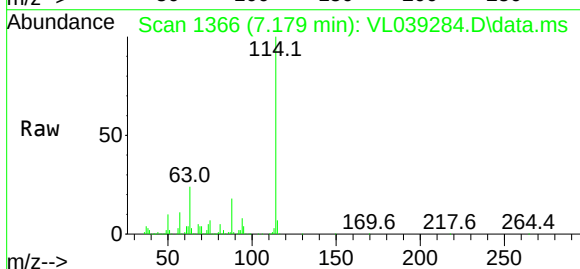
Tgt Ion: 45 Resp: 68160
Ion Ratio Lower Upper
45 100
46 31.3 0.0 0.0

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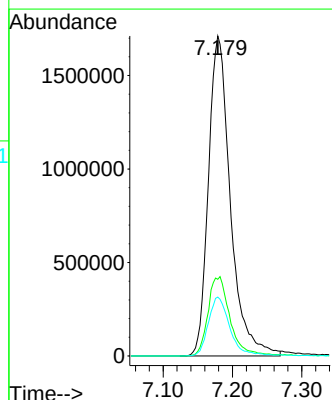
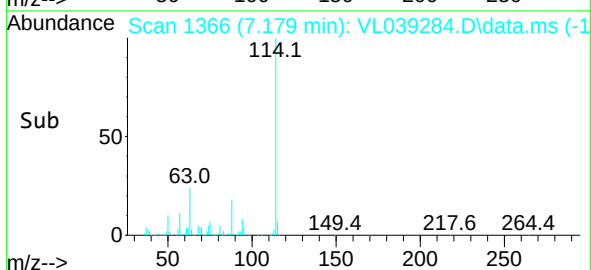
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Supervised By :Mahesh Dadoda 06/16/2022

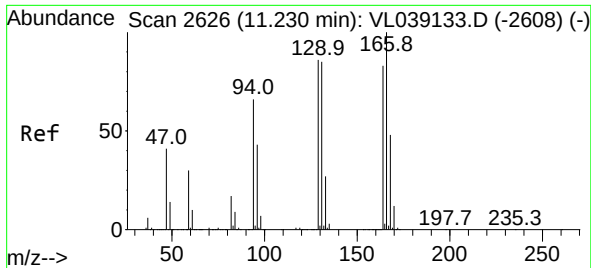


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1366
Delta R.T. -0.003 min
Lab File: VL039284.D
Acq: 14 Jun 2022 17:24



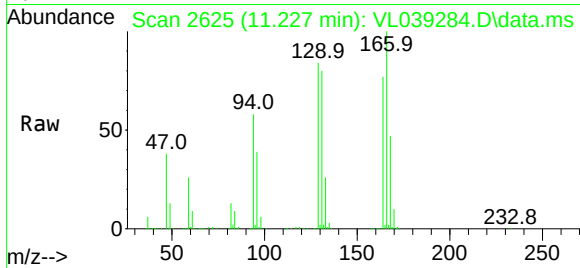
Tgt Ion:114 Resp: 3763736
Ion Ratio Lower Upper
114 100
63 25.4 21.7 32.5
88 18.2 14.8 22.2





#52
Tetrachloroethene
Concen: 6.912 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. -0.003 min
Lab File: VL039284.D
Acq: 14 Jun 2022 17:24

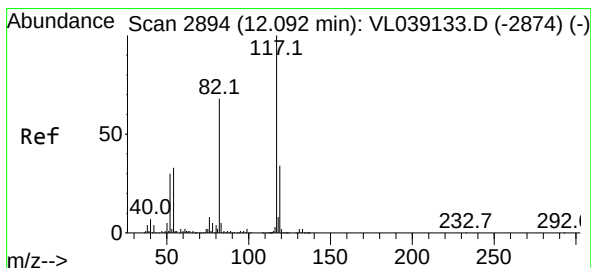
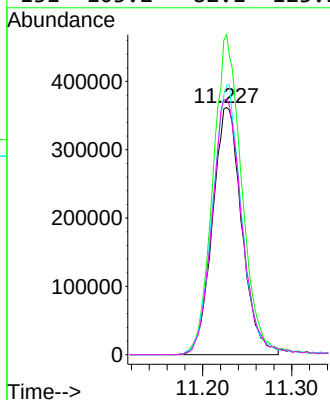
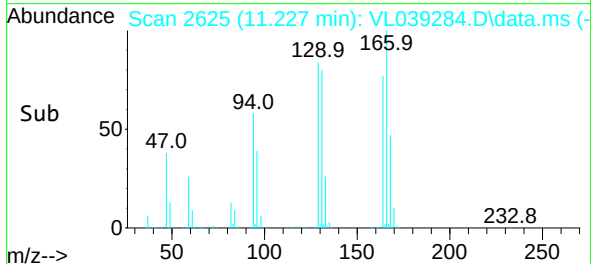
Instrument :
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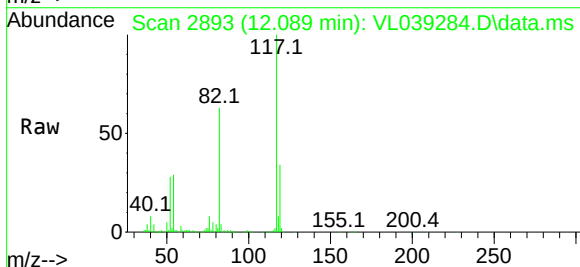
Tgt Ion:164 Resp: 82458
Ion Ratio Lower Upper
164 100
166 129.3 96.3 144.5
129 108.8 82.5 123.7
131 103.2 82.1 123.1

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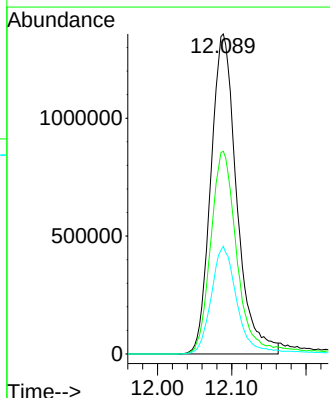
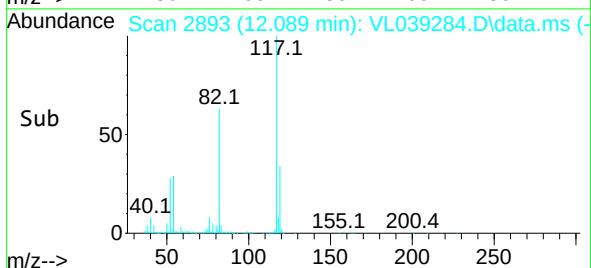
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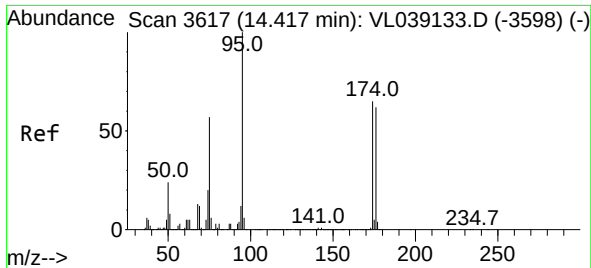


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL039284.D
Acq: 14 Jun 2022 17:24



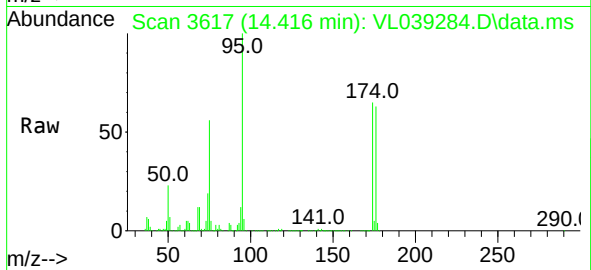
Tgt Ion:117 Resp: 3290763
Ion Ratio Lower Upper
117 100
82 66.0 55.1 82.7
119 34.1 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.216 ppbv
 RT: 14.416 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL039284.D
 Acq: 14 Jun 2022 17:24

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 250721

Ion	Ratio	Lower	Upper
95	100		
174	71.8	53.8	80.8
175	5.4	4.1	6.1

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