

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039364.D
 Acq On : 27 Jun 2022 18:23
 Operator : SY/AP
 Sample : N3489-04DL 50X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3-20220622DL

Quant Time: Jun 28 02:39:36 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

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

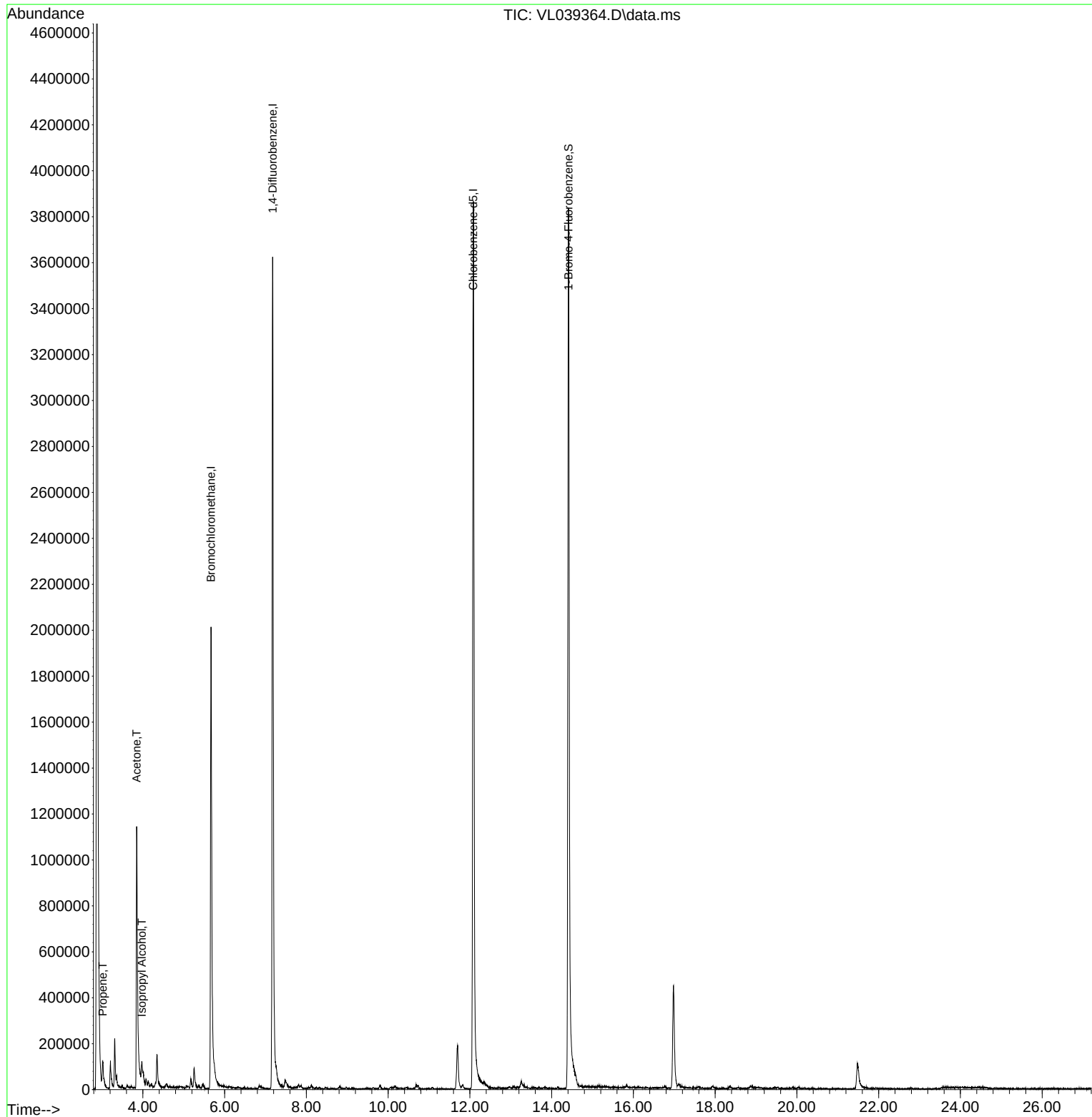
Internal Standards						
1) Bromochloromethane	5.668	49	1092397	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	3030489	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	2656108	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2018828	9.194	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.900%
Target Compounds						
					Qvalue	
9) Propene	3.015	41	49373	0.815	ppbv	94
15) Acetone	3.848	43	1626940	14.297	ppbv	99
19) Isopropyl Alcohol	3.973	45	100417	1.881	ppbv #	93

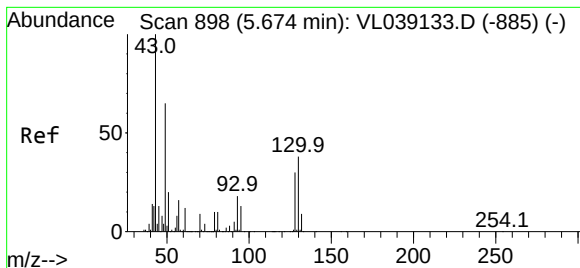
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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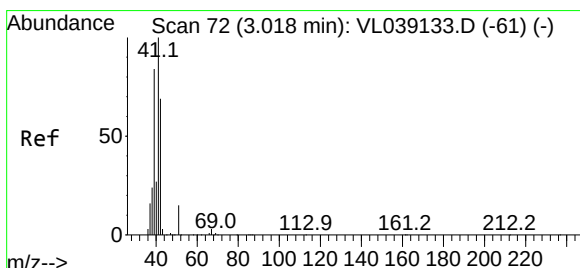
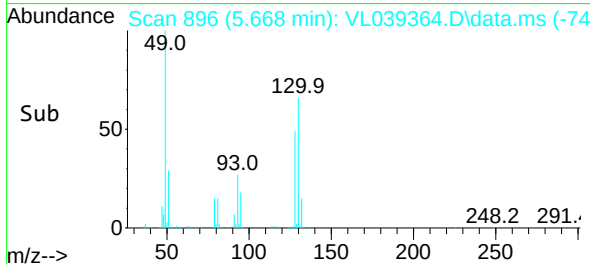
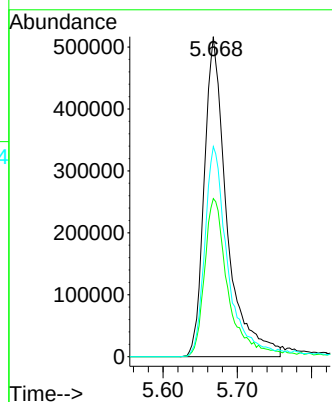
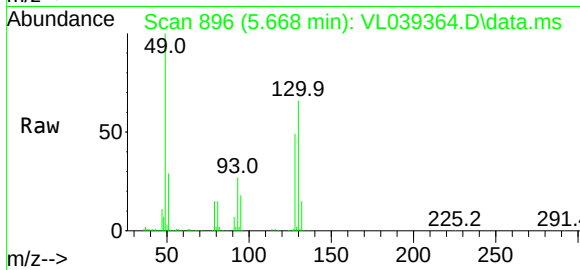


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 898
Delta R.T. -0.006 min
Lab File: VL039364.D
Acq: 27 Jun 2022 18:23

Instrument :
MSVOA_L
ClientSampleId :
SV-3-20220622DL

Tgt Ion: 49 Resp: 1092397

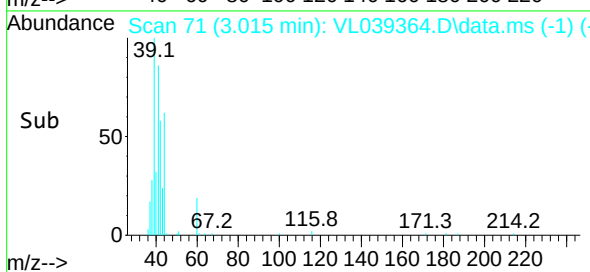
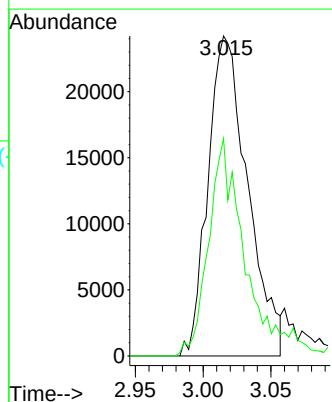
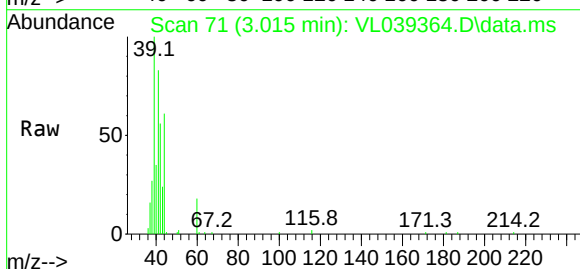
Ion	Ratio	Lower	Upper
49	100		
128	54.0	24.7	74.1
130	69.4	31.4	94.0

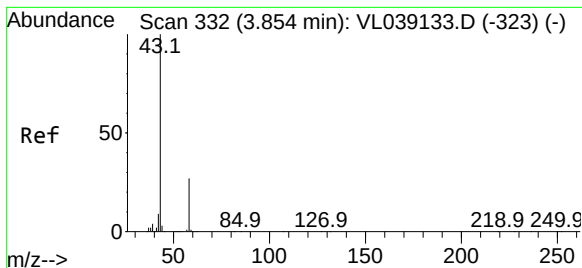


#9
Propene
Concen: 0.815 ppbv
RT: 3.015 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL039364.D
Acq: 27 Jun 2022 18:23

Tgt Ion: 41 Resp: 49373

Ion	Ratio	Lower	Upper
41	100		
42	64.1	55.4	83.2





#15

Acetone

Concen: 14.297 ppbv

RT: 3.848 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL039364.D

Acq: 27 Jun 2022 18:23

Instrument :

MSVOA_L

ClientSampleId :

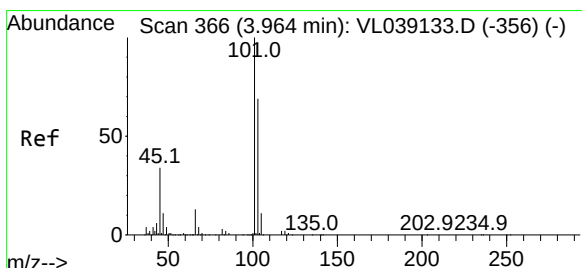
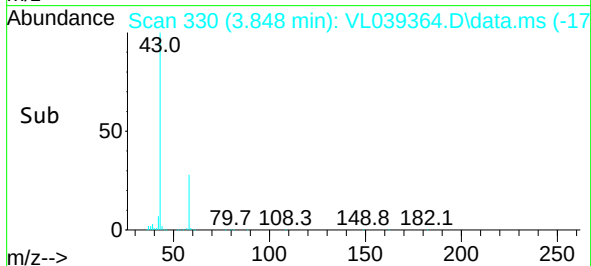
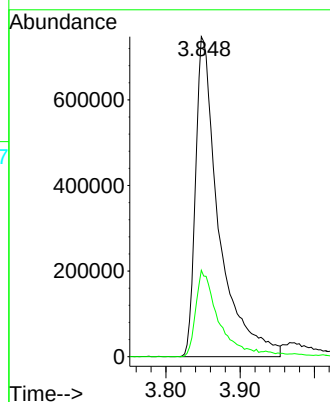
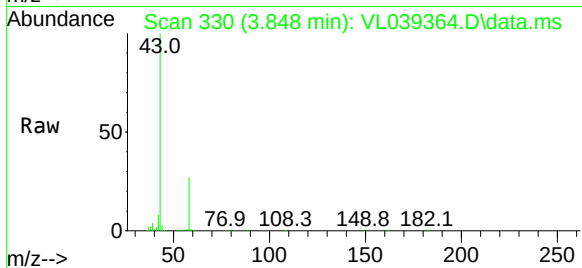
SV-3-20220622DL

Tgt Ion: 43 Resp: 1626940

Ion Ratio Lower Upper

43 100

58 28.8 22.5 33.7



#19

Isopropyl Alcohol

Concen: 1.881 ppbv

RT: 3.973 min Scan# 369

Delta R.T. 0.010 min

Lab File: VL039364.D

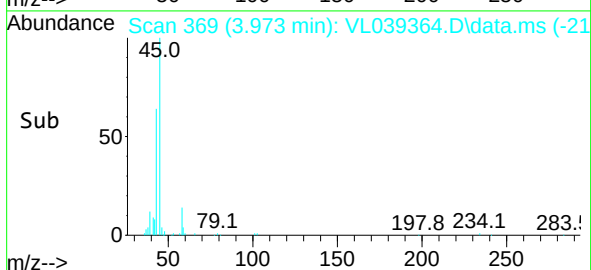
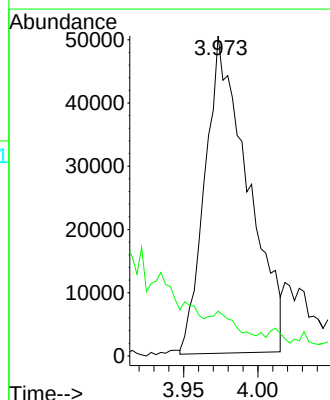
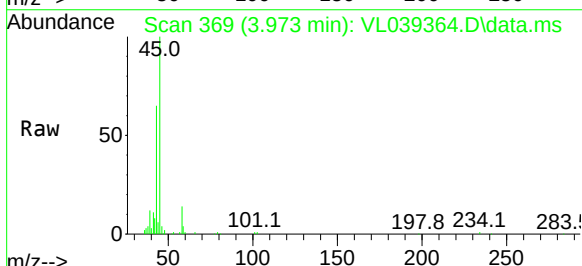
Acq: 27 Jun 2022 18:23

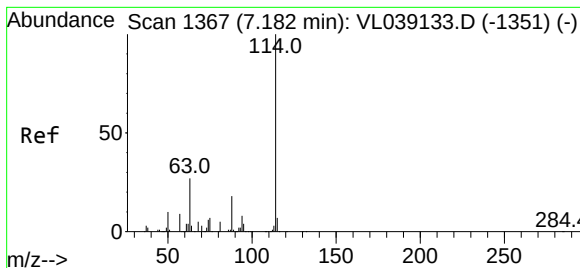
Tgt Ion: 45 Resp: 100417

Ion Ratio Lower Upper

45 100

58 0.0 1.8 2.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.176 min Scan# 114

Delta R.T. -0.006 min

Lab File: VL039364.D

Acq: 27 Jun 2022 18:23

Instrument :

MSVOA_L

ClientSampleId :

SV-3-20220622DL

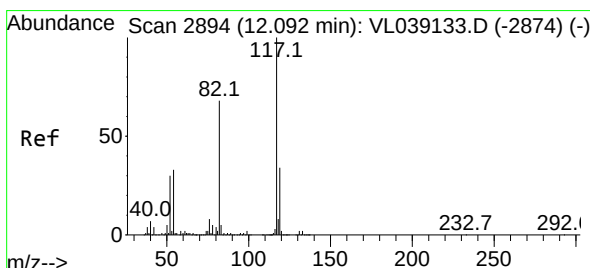
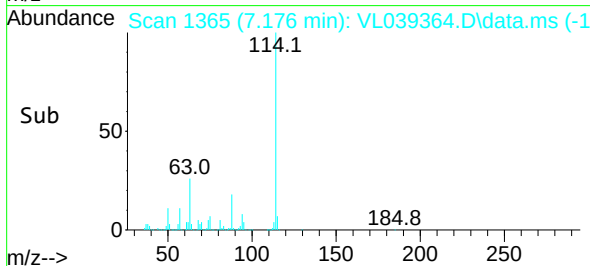
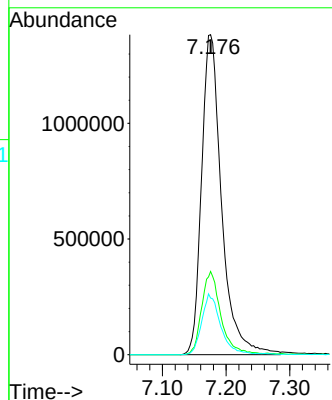
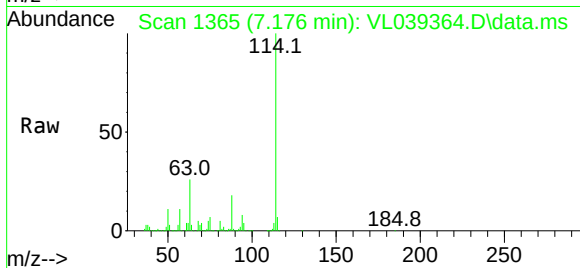
Tgt Ion:114 Resp: 3030489

Ion Ratio Lower Upper

114 100

63 25.6 21.7 32.5

88 18.2 14.8 22.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.082 min Scan# 2891

Delta R.T. -0.010 min

Lab File: VL039364.D

Acq: 27 Jun 2022 18:23

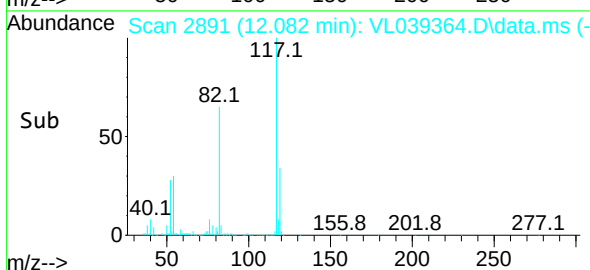
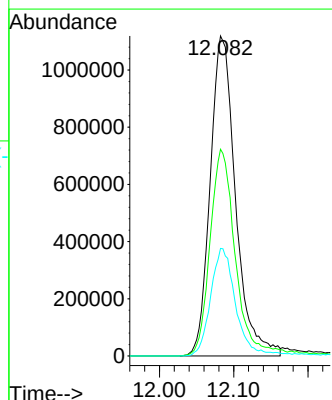
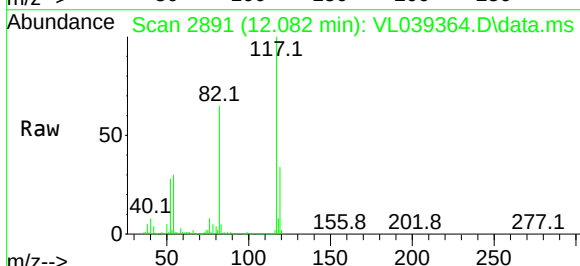
Tgt Ion:117 Resp: 2656108

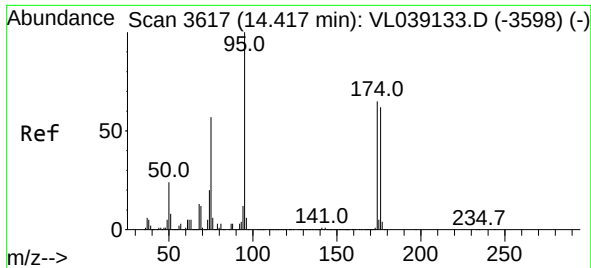
Ion Ratio Lower Upper

117 100

82 65.6 55.1 82.7

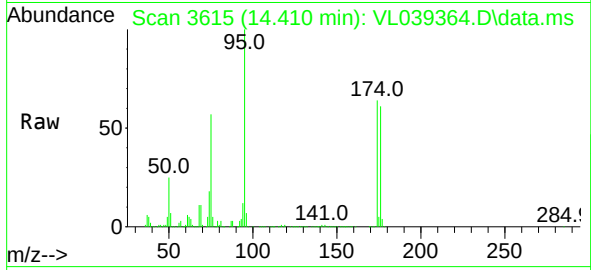
119 33.8 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.194 ppbv
 RT: 14.410 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VL039364.D
 Acq: 27 Jun 2022 18:23

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3-20220622DL



Tgt Ion: 95 Resp: 2018828

Ion	Ratio	Lower	Upper
95	100		
174	69.4	53.8	80.8
175	5.1	4.1	6.1

