

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039501.D
 Acq On : 20 Jul 2022 4:32
 Operator : SY/AP
 Sample : N3750-08DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4DL

Quant Time: Jul 20 07:28:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

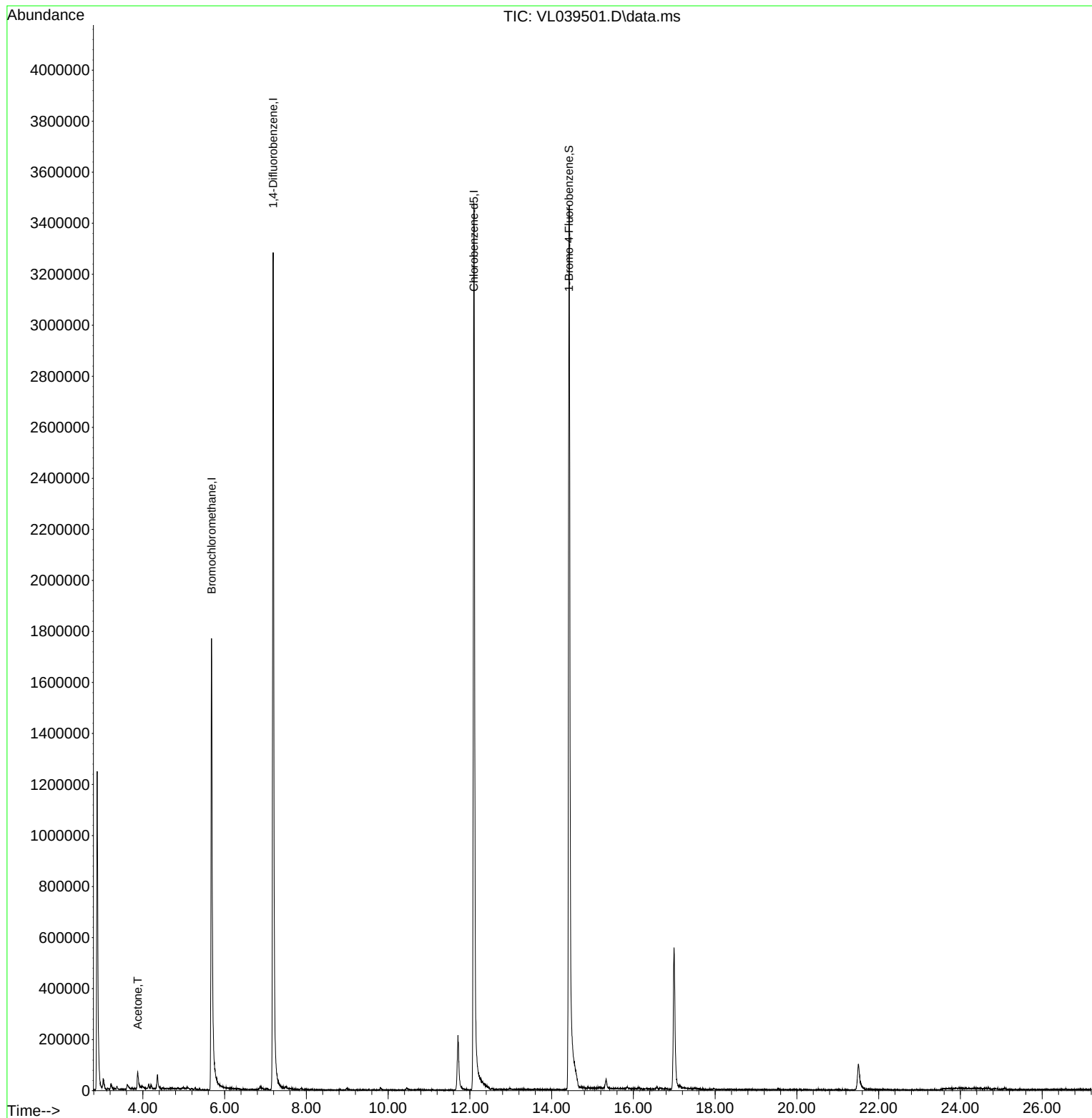
Internal Standards						
1) Bromochloromethane	5.681	49	956870	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.189	114	2814050	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	2478739	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	1814277	9.866	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						Qvalue
15) Acetone	3.874	43	85625	0.756	ppbv	92

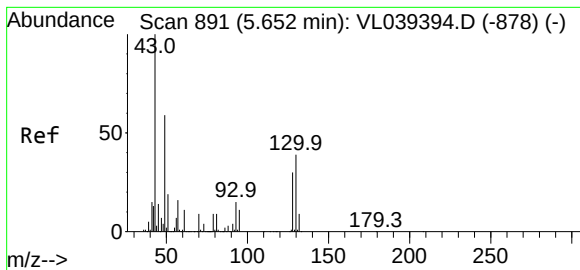
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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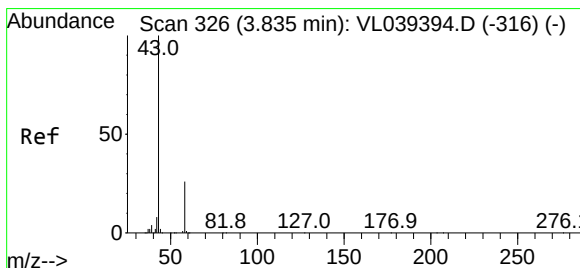
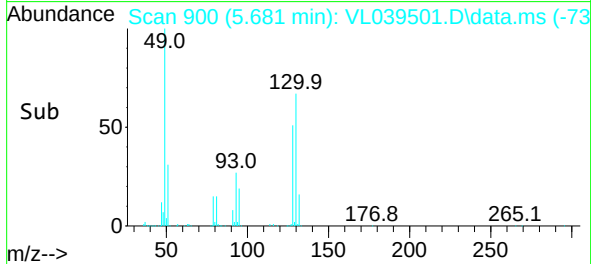
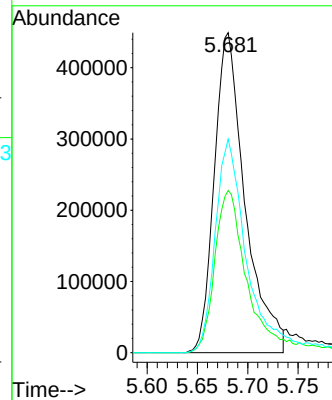
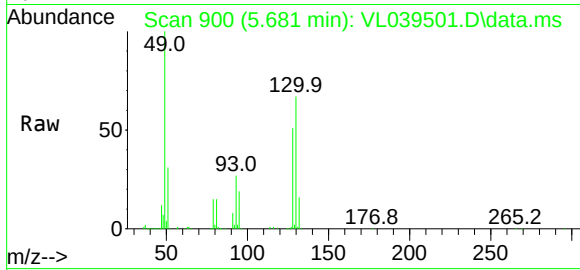




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.681 min Scan# 90
 Delta R.T. 0.029 min
 Lab File: VL039501.D
 Acq: 20 Jul 2022 4:32

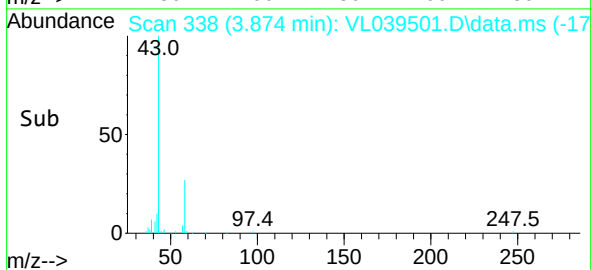
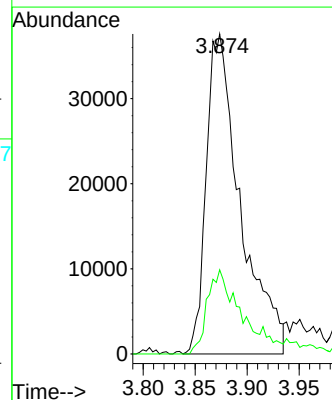
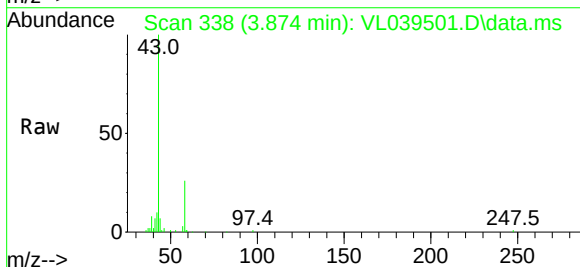
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4DL

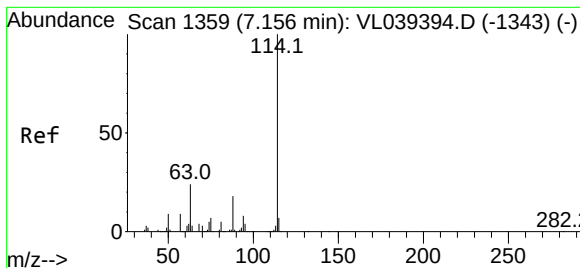
Tgt Ion: 49 Resp: 956870
 Ion Ratio Lower Upper
 49 100
 128 57.3 26.7 80.0
 130 72.0 34.3 102.8



#15
 Acetone
 Concen: 0.756 ppbv
 RT: 3.874 min Scan# 338
 Delta R.T. 0.038 min
 Lab File: VL039501.D
 Acq: 20 Jul 2022 4:32

Tgt Ion: 43 Resp: 85625
 Ion Ratio Lower Upper
 43 100
 58 30.6 21.0 31.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.189 min Scan# 114

Delta R.T. 0.032 min

Lab File: VL039501.D

Acq: 20 Jul 2022 4:32

Instrument :

MSVOA_L

ClientSampleId :

IA-4DL

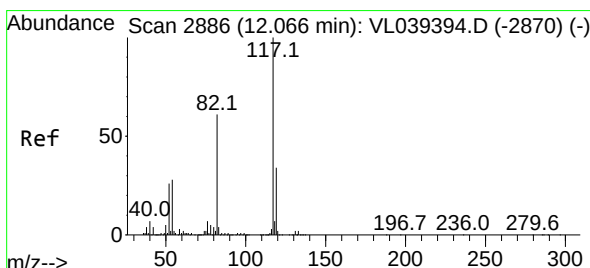
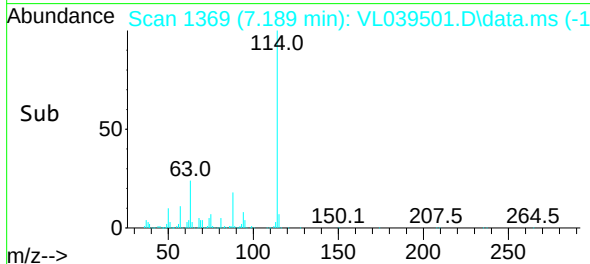
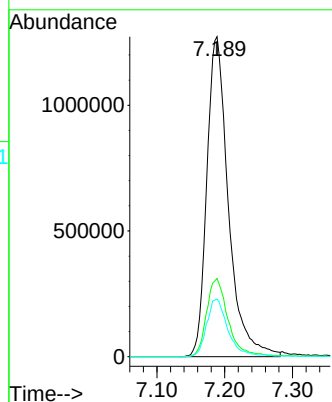
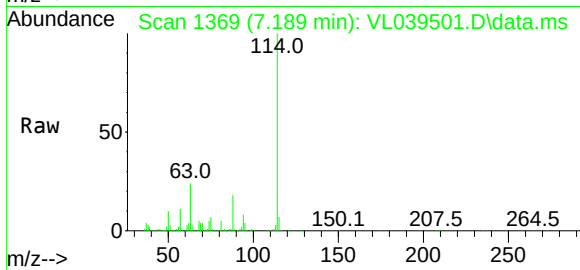
Tgt Ion:114 Resp: 2814050

Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.4

88 18.0 14.5 21.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.098 min Scan# 2896

Delta R.T. 0.032 min

Lab File: VL039501.D

Acq: 20 Jul 2022 4:32

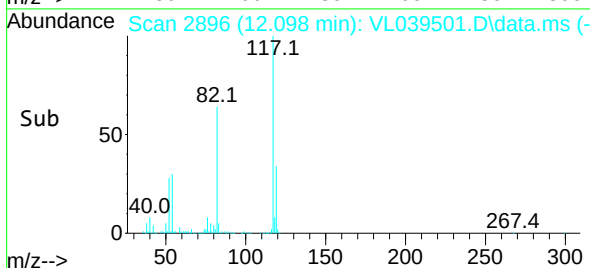
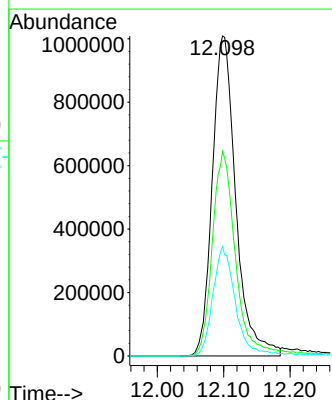
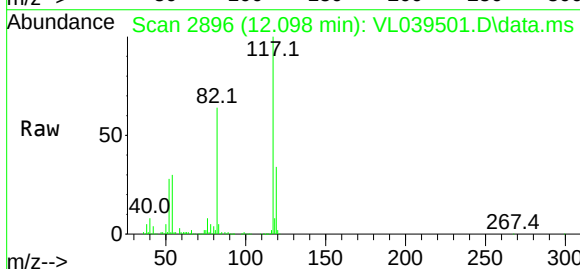
Tgt Ion:117 Resp: 2478739

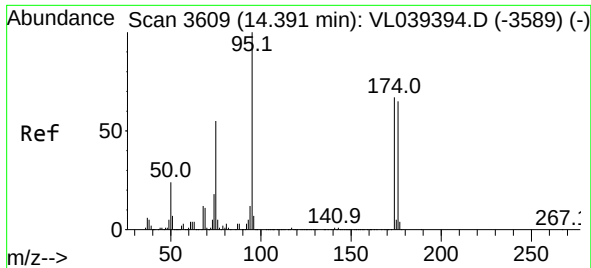
Ion Ratio Lower Upper

117 100

82 63.8 50.8 76.2

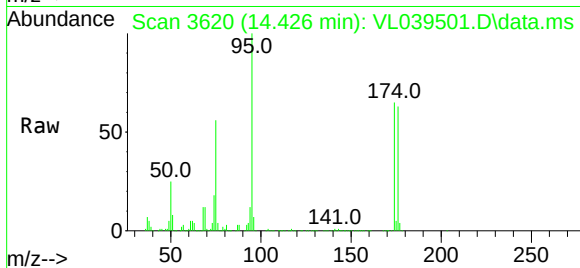
119 33.2 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.866 ppbv
 RT: 14.426 min Scan# 30
 Delta R.T. 0.035 min
 Lab File: VL039501.D
 Acq: 20 Jul 2022 4:32

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4DL



Tgt Ion: 95 Resp: 1814277

Ion	Ratio	Lower	Upper
95	100		
174	74.0	55.9	83.9
175	5.5	4.2	6.4

