

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039565.D
 Acq On : 18 Aug 2022 19:03
 Operator : SY/AP
 Sample : QC081522 CAN 10282
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081522 CAN 10282

Quant Time: Aug 19 03:04:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

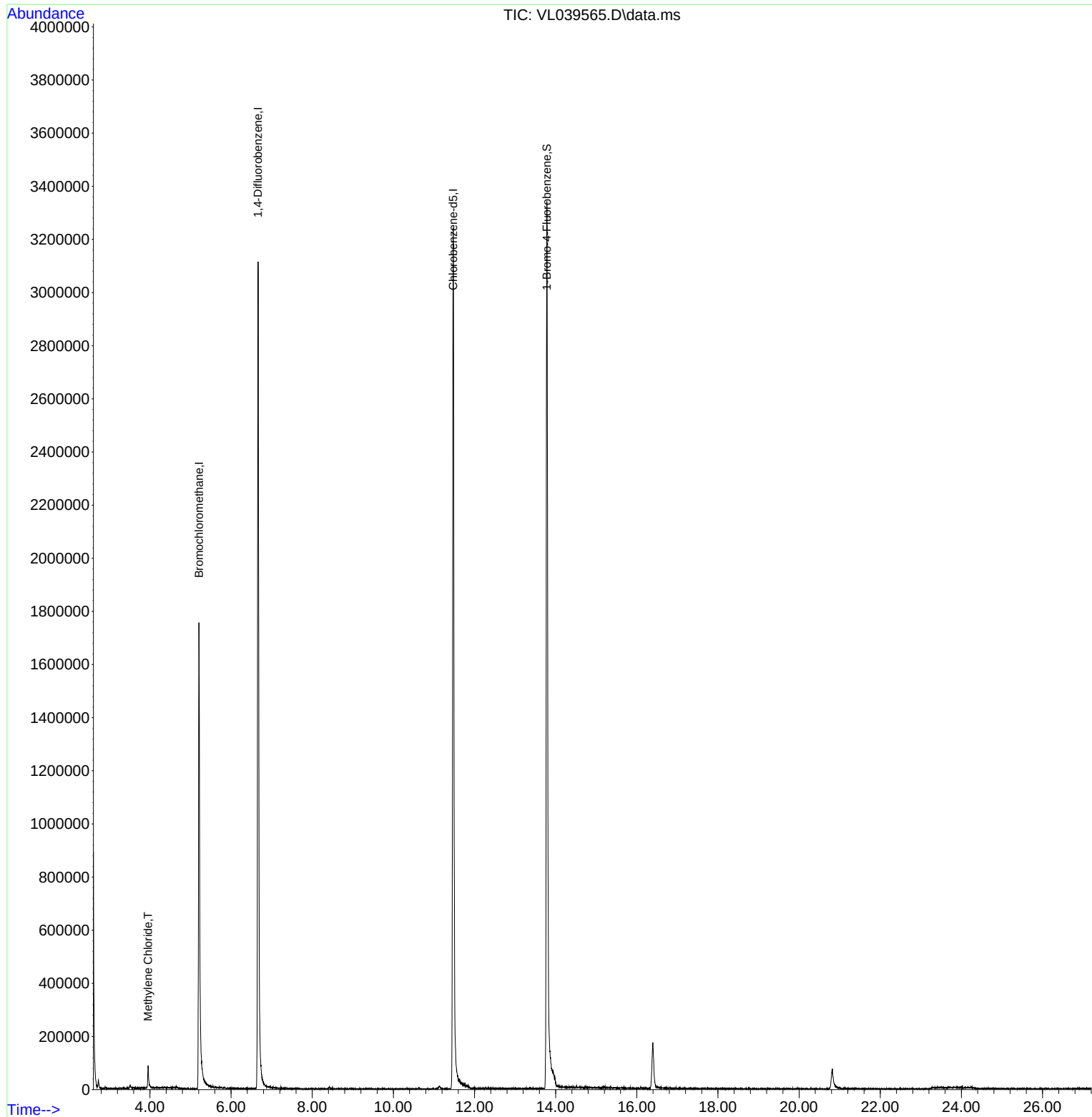
Internal Standards						
1) Bromochloromethane	5.208	49	967038	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2426452	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2186858	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1666121	10.121	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
20) Methylene Chloride	3.954	84	26576	0.597	ppbv	Qvalue # 85

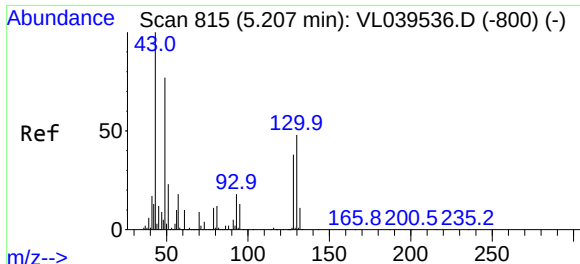
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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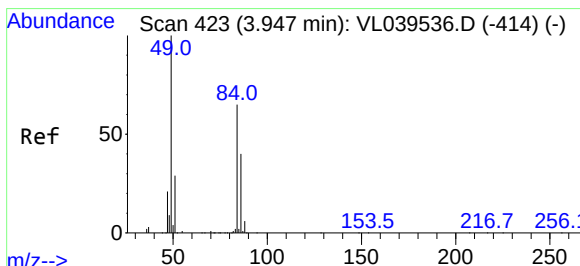
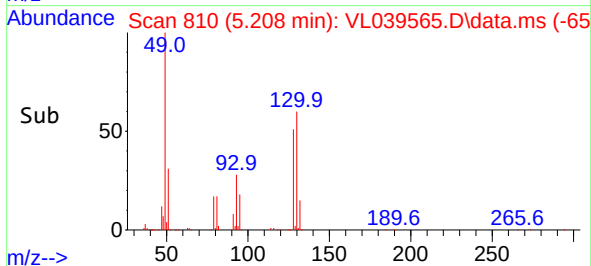
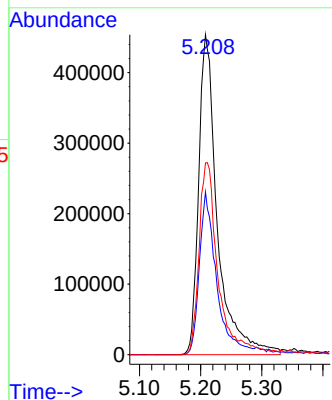
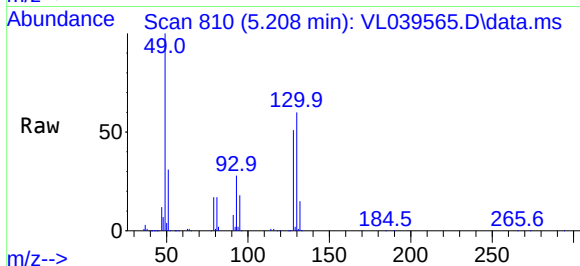




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 815
 Delta R.T. 0.001 min
 Lab File: VL039565.D
 Acq: 18 Aug 2022 19:03

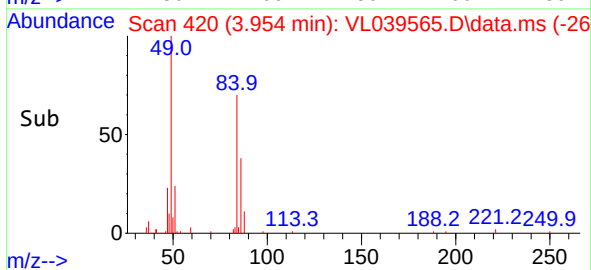
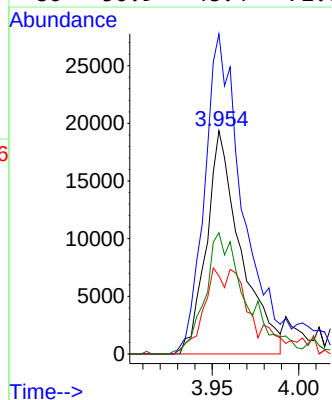
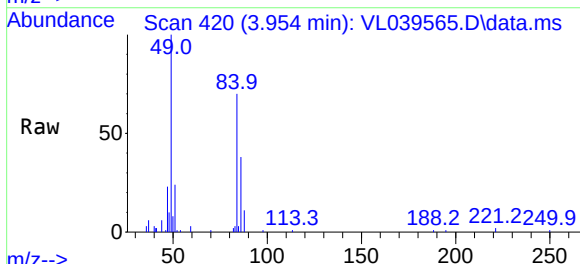
Instrument :
 MSVOA_L
 ClientSampleId :
 QC081522 CAN 10282

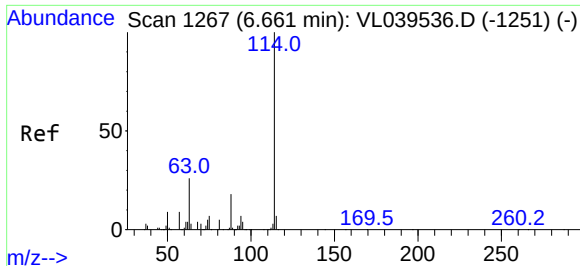
Tgt Ion: 49 Resp: 967038
 Ion Ratio Lower Upper
 49 100
 128 48.7 25.7 77.0
 130 60.9 31.6 95.0



#20
 Methylene Chloride
 Concen: 0.597 ppbv
 RT: 3.954 min Scan# 420
 Delta R.T. 0.007 min
 Lab File: VL039565.D
 Acq: 18 Aug 2022 19:03

Tgt Ion: 84 Resp: 26576
 Ion Ratio Lower Upper
 84 100
 49 135.2 122.2 183.4
 51 31.9 35.8 53.6#
 86 50.9 48.4 72.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. 0.004 min

Lab File: VL039565.D

Acq: 18 Aug 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

QC081522 CAN 10282

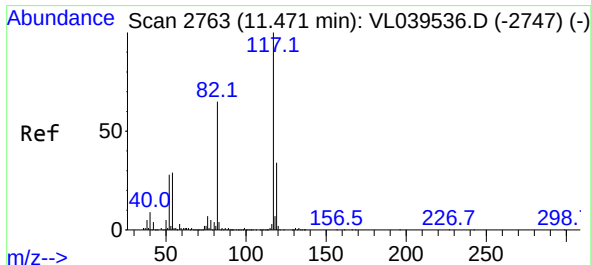
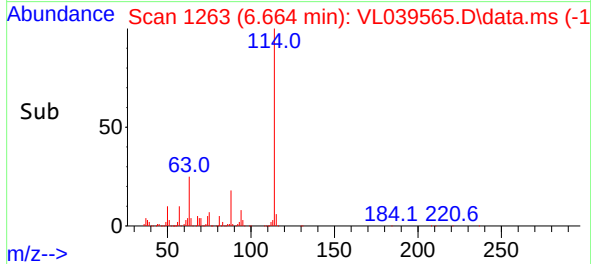
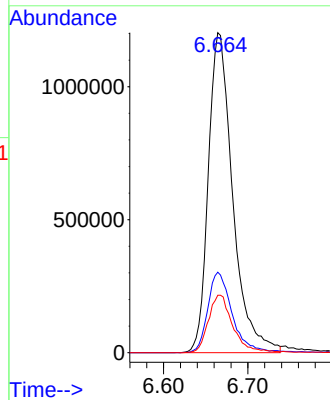
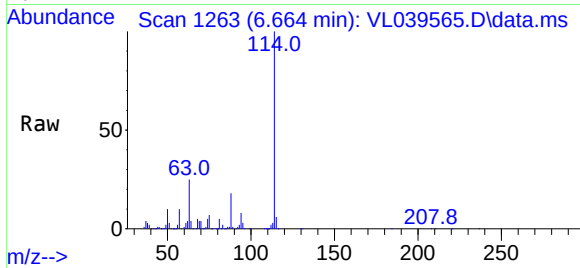
Tgt Ion:114 Resp: 2426452

Ion Ratio Lower Upper

114 100

63 25.6 20.6 31.0

88 18.3 14.6 22.0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 2759

Delta R.T. 0.004 min

Lab File: VL039565.D

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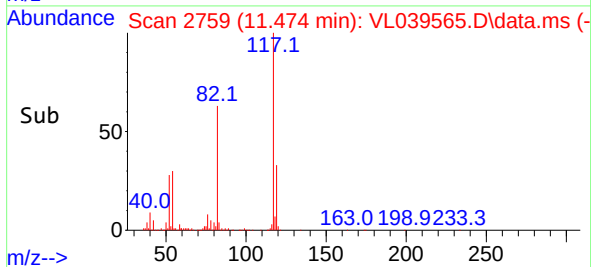
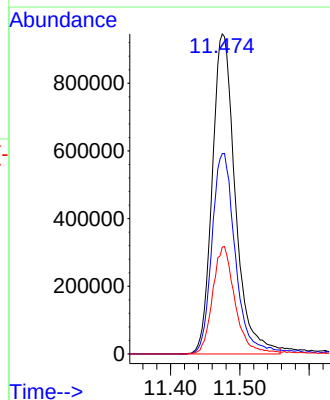
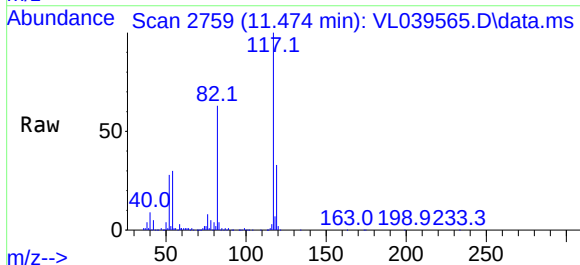
Tgt Ion:117 Resp: 2186858

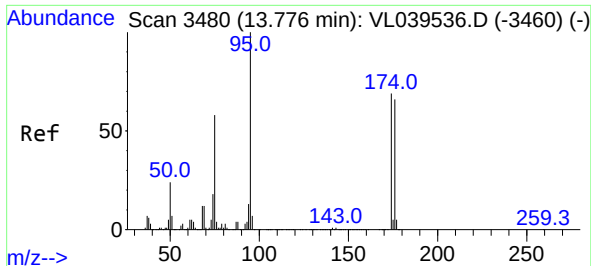
Ion Ratio Lower Upper

117 100

82 64.3 49.1 73.7

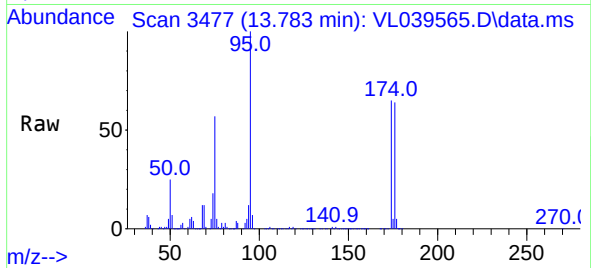
119 33.3 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.121 ppbv
 RT: 13.783 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL039565.D
 Acq: 18 Aug 2022 19:03

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Tgt Ion: 95 Resp: 1666121

Ion	Ratio	Lower	Upper
95	100		
174	72.3	56.3	84.5
175	5.3	4.3	6.5

