

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039828.D
 Acq On : 3 Nov 2022 16:31
 Operator : SY/AP
 Sample : QC102822 CAN 10268
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102822 CAN 10268

Quant Time: Nov 04 08:44:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

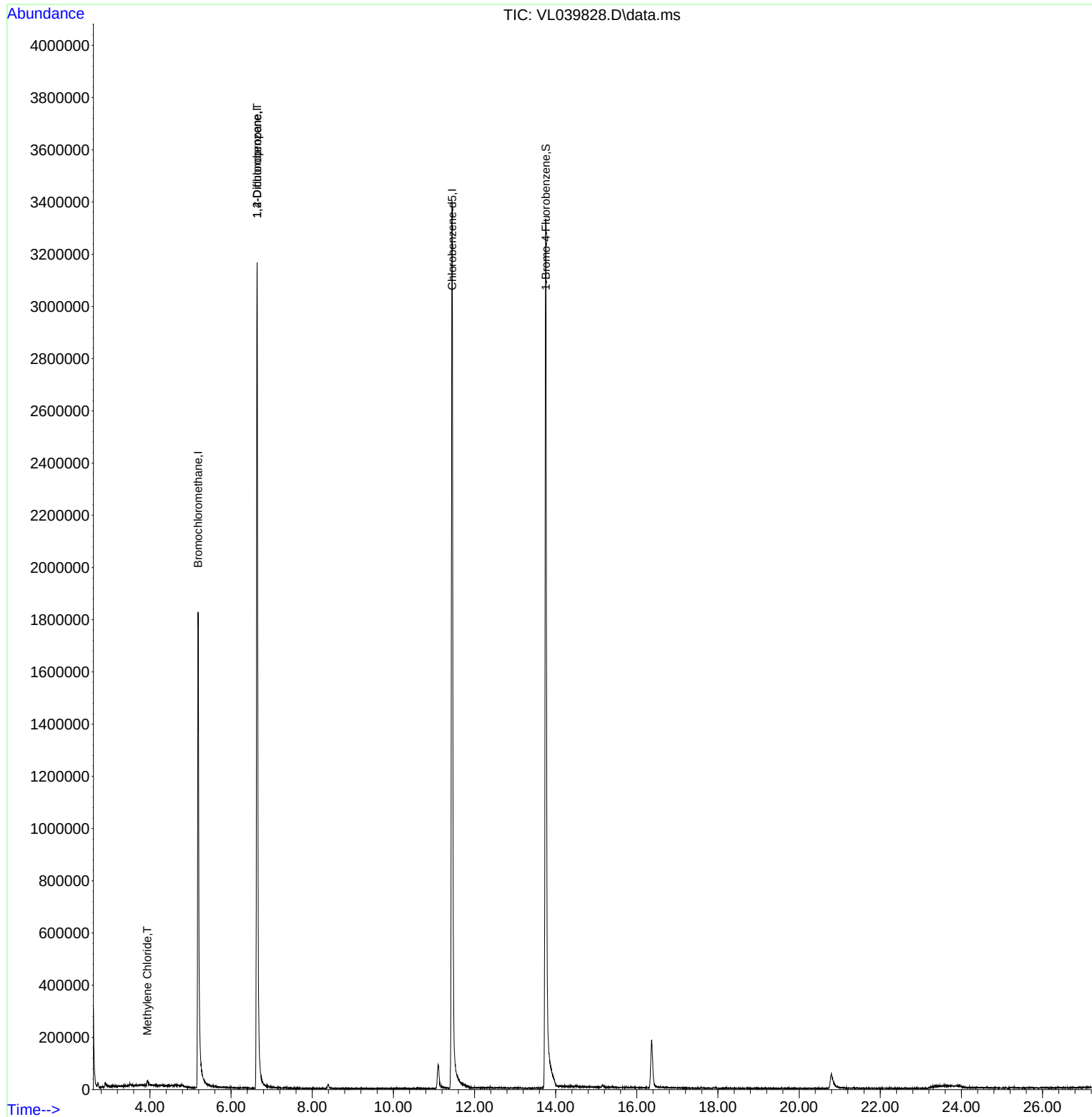
Internal Standards						
1) Bromochloromethane	5.185	49	1023335	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2766367	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	2466400	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1906951	10.330	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.938	84	7278	0.163	ppbv #	71
39) 1,2-Dichloropropane	6.642	63	646640	7.112	ppbv #	27

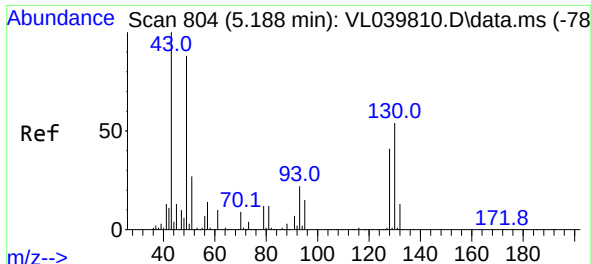
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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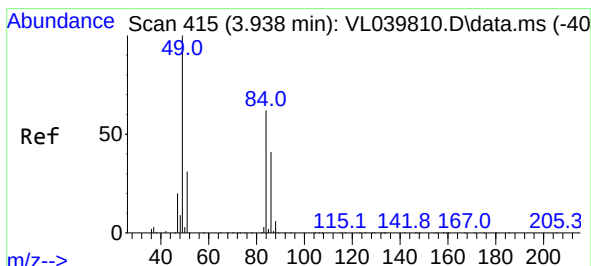
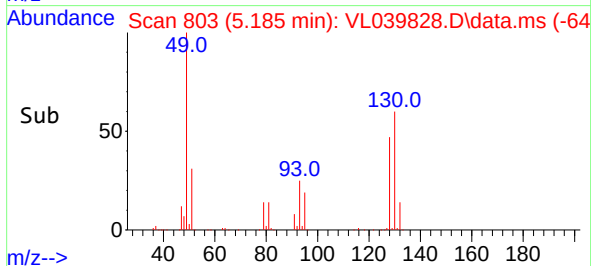
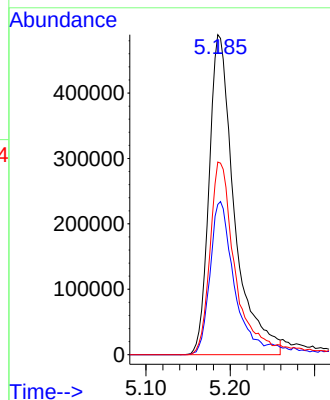
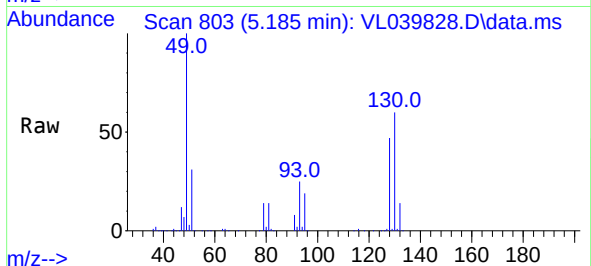




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL039828.D
Acq: 3 Nov 2022 16:31

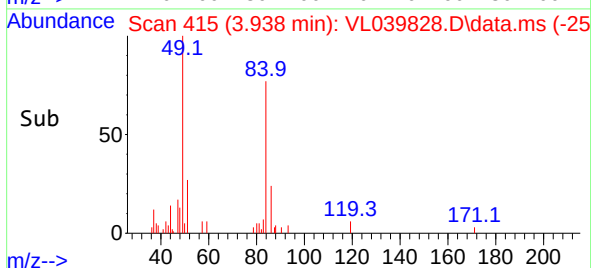
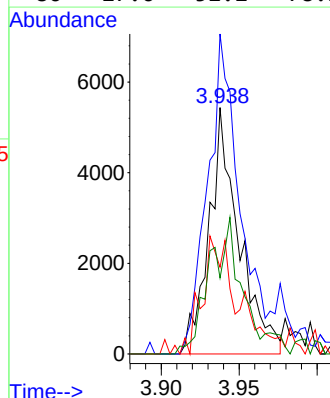
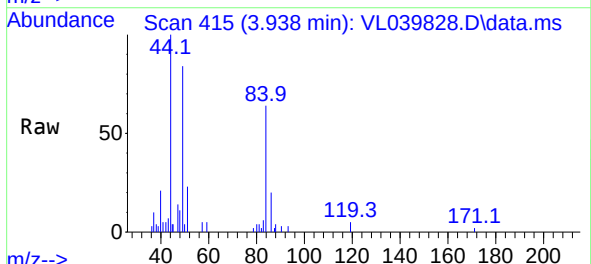
Instrument :
MSVOA_L
ClientSampleId :
QC102822 CAN 10268

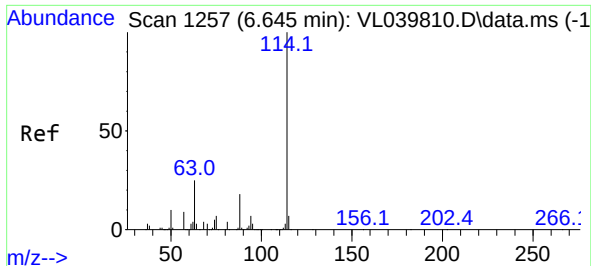
Tgt Ion: 49 Resp: 1023335
Ion Ratio Lower Upper
49 100
128 48.6 24.6 73.6
130 63.3 31.1 93.2



#20
Methylene Chloride
Concen: 0.163 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL039828.D
Acq: 3 Nov 2022 16:31

Tgt Ion: 84 Resp: 7278
Ion Ratio Lower Upper
84 100
49 129.9 128.6 192.8
51 35.2 40.2 60.4#
86 27.6 52.2 78.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.003 min

Lab File: VL039828.D

Acq: 3 Nov 2022 16:31

Instrument :

MSVOA_1

ClientSampleId :

QC102822 CAN 10268

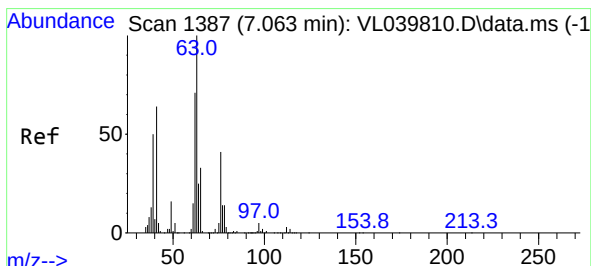
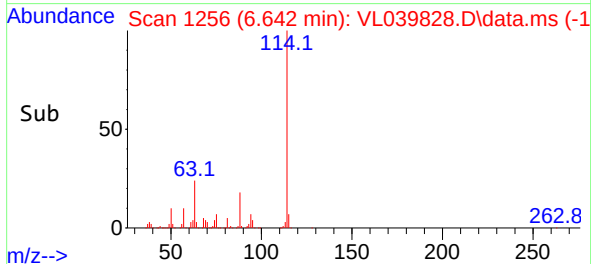
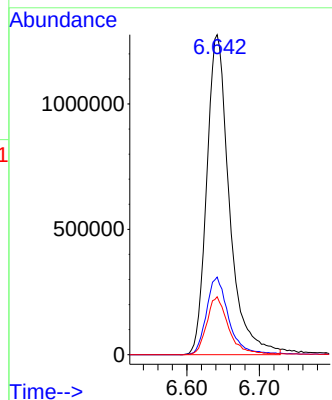
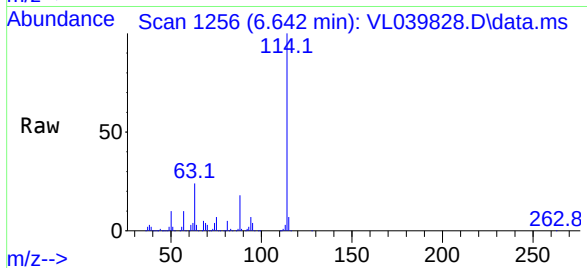
Tgt Ion:114 Resp: 2766367

Ion Ratio Lower Upper

114 100

63 24.4 19.8 29.6

88 17.9 14.4 21.6



#39

1,2-Dichloropropane

Concen: 7.112 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.421 min

Lab File: VL039828.D

Acq: 3 Nov 2022 16:31

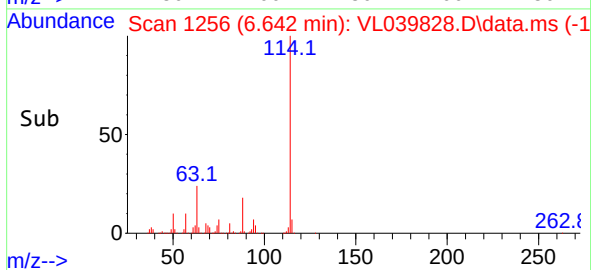
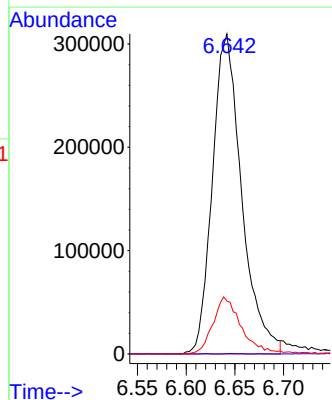
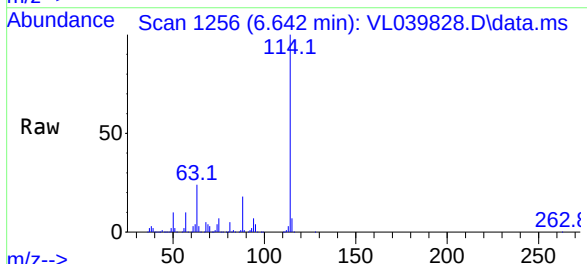
Tgt Ion: 63 Resp: 646640

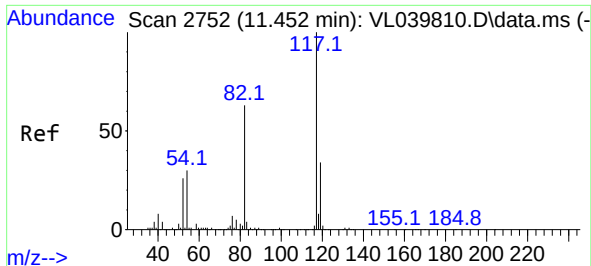
Ion Ratio Lower Upper

63 100

41 0.1 51.0 76.4#

62 16.5 56.6 85.0#

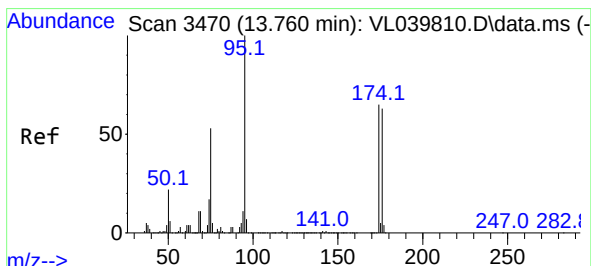
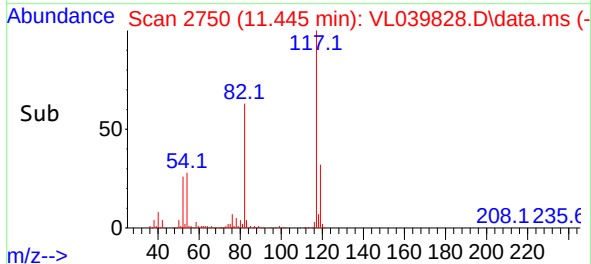
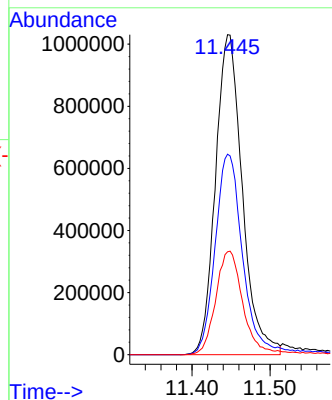
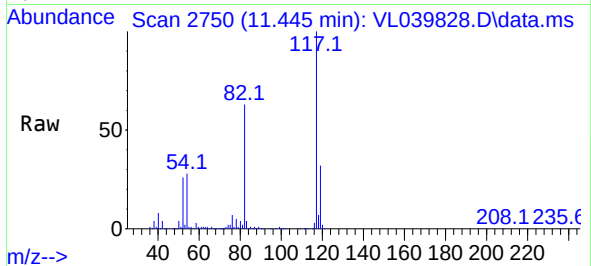




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039828.D
Acq: 3 Nov 2022 16:31

Instrument :
MSVOA_1
ClientSampleId :
QC102822 CAN 10268

Tgt Ion:117 Resp: 2466400
Ion Ratio Lower Upper
117 100
82 65.4 51.0 76.6
119 33.9 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.330 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.003 min
Lab File: VL039828.D
Acq: 3 Nov 2022 16:31

Tgt Ion: 95 Resp: 1906951
Ion Ratio Lower Upper
95 100
174 65.3 53.4 80.0
175 4.4 4.1 6.1

