

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039978.D
 Acq On : 12 Dec 2022 16:27
 Operator : SY/MD
 Sample : N5969-04DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Quant Time: Dec 13 06:11:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

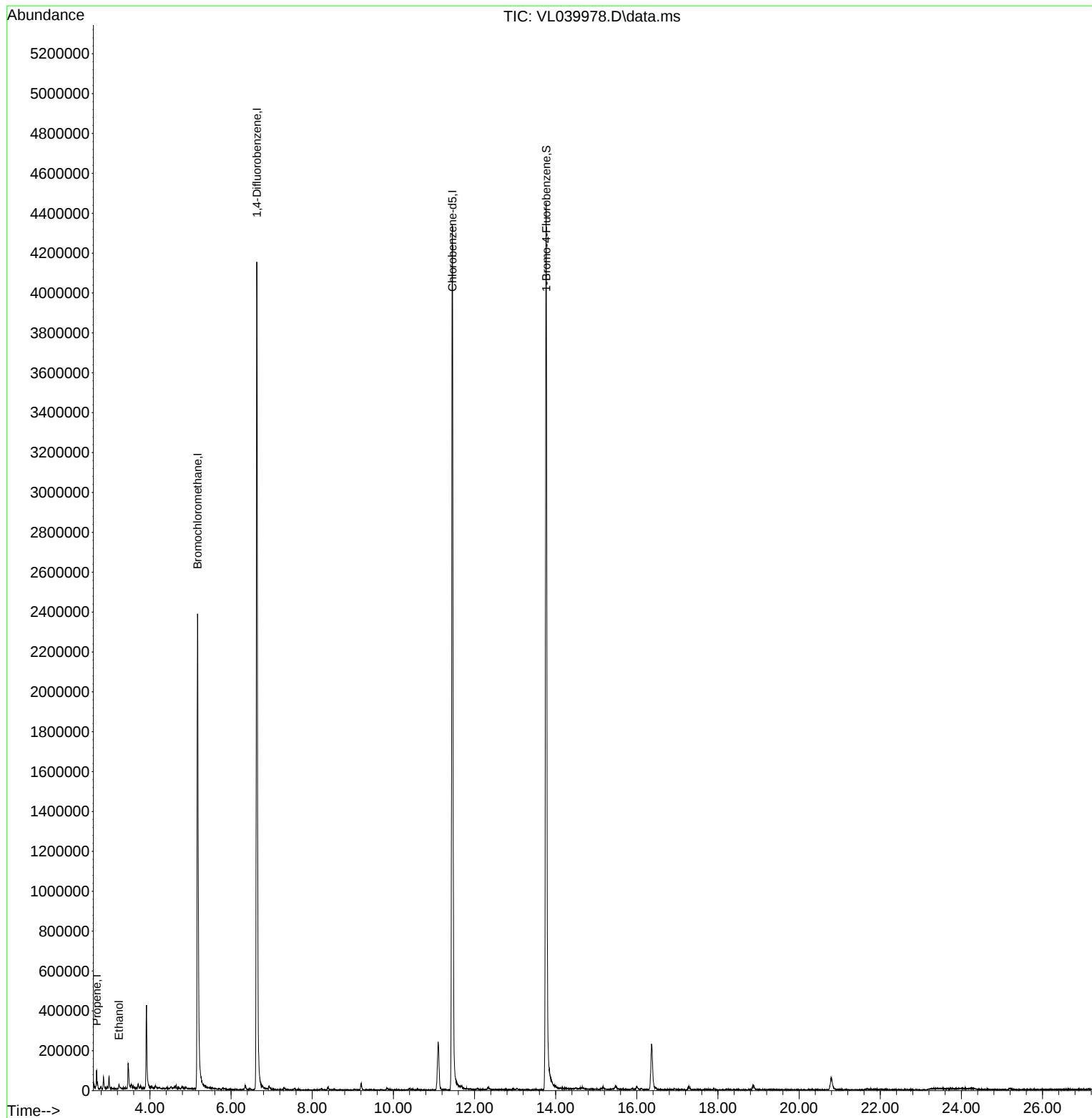
Internal Standards						
1) Bromochloromethane	5.172	49	1136798	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.635	114	3099810	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	2822736	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2280104	10.575	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.800%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	15887	0.215	ppbv	84
13) Ethanol	3.237	45	20665	3.663	ppbv	88

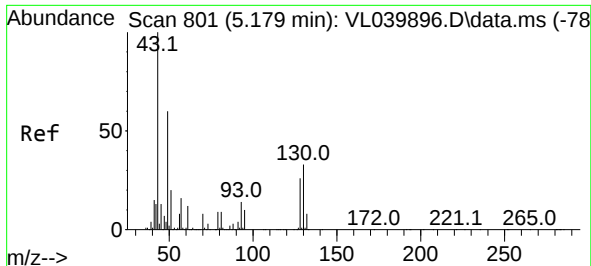
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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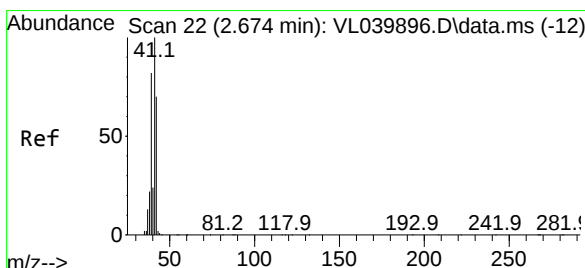
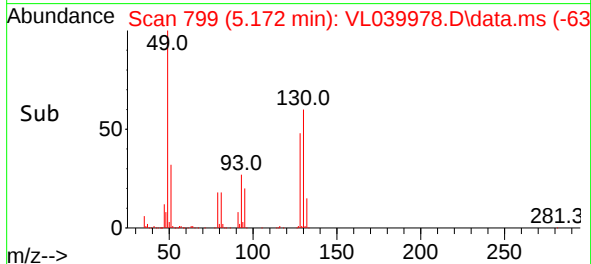
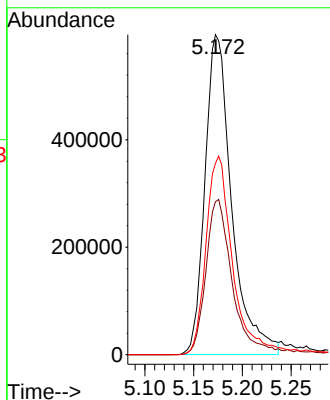
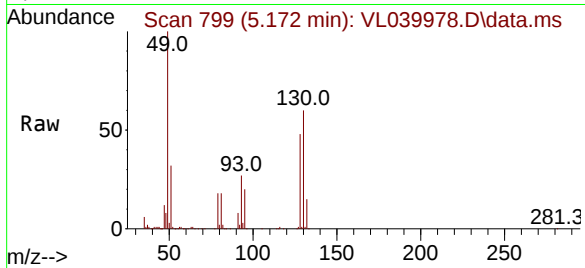




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. 0.016 min
Lab File: VL039978.D
Acq: 12 Dec 2022 16:27

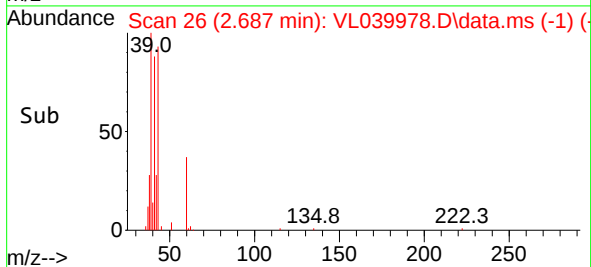
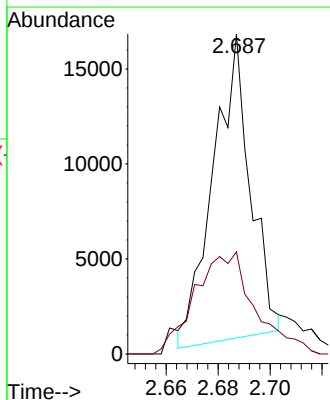
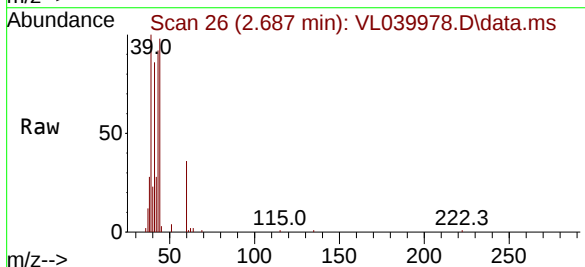
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

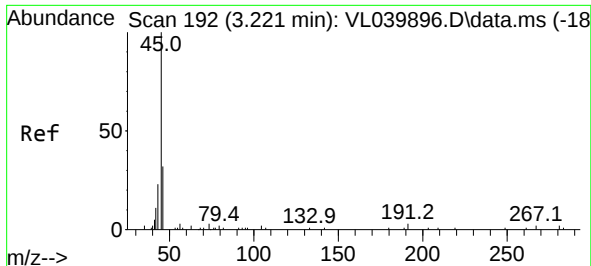
Tgt Ion: 49 Resp: 1136798
Ion Ratio Lower Upper
49 100
128 49.4 22.1 66.3
130 64.1 27.7 83.1



#9
Propene
Concen: 0.215 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.026 min
Lab File: VL039978.D
Acq: 12 Dec 2022 16:27

Tgt Ion: 41 Resp: 15887
Ion Ratio Lower Upper
41 100
42 56.4 55.8 83.6

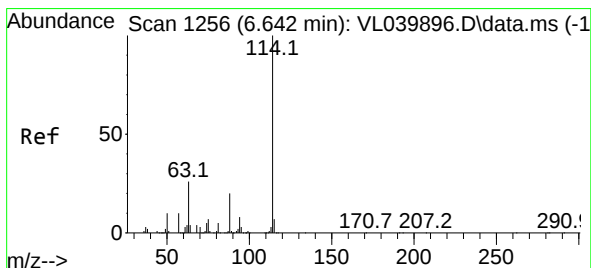
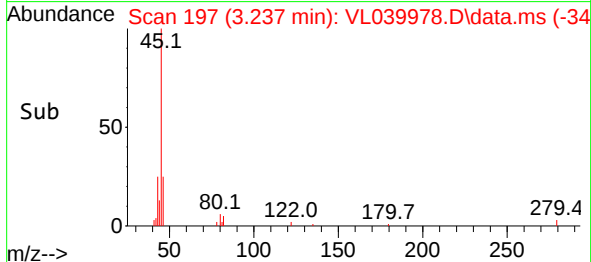
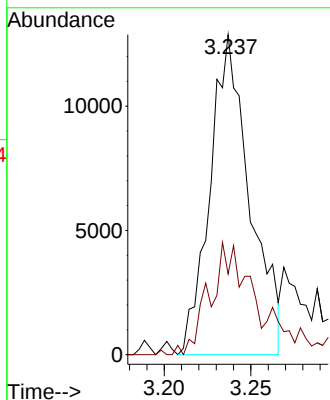
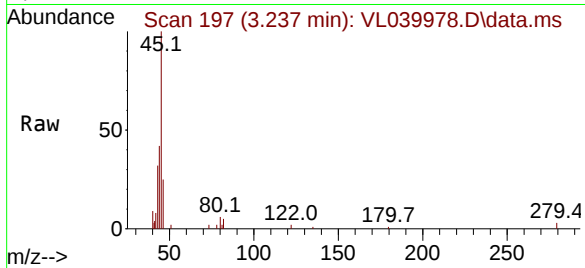




#13
 Ethanol
 Concen: 3.663 ppbv
 RT: 3.237 min Scan# 197
 Delta R.T. 0.023 min
 Lab File: VL039978.D
 Acq: 12 Dec 2022 16:27

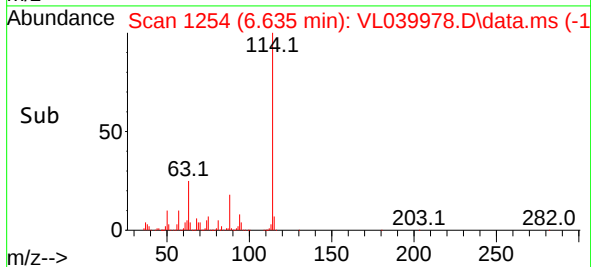
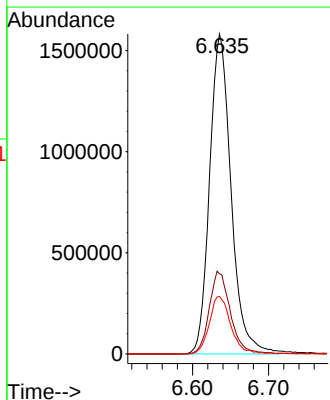
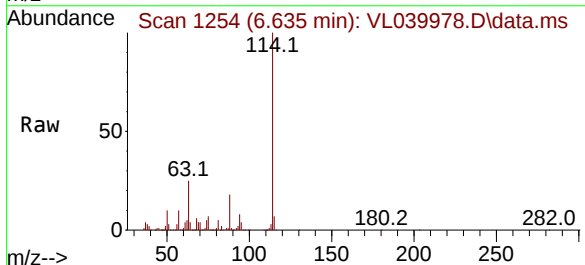
Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

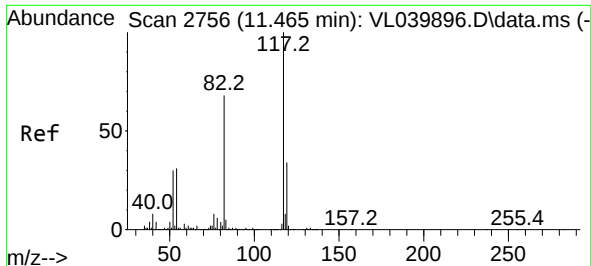
Tgt Ion: 45 Resp: 20665
 Ion Ratio Lower Upper
 45 100
 46 43.6 14.6 58.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.635 min Scan# 1254
 Delta R.T. 0.016 min
 Lab File: VL039978.D
 Acq: 12 Dec 2022 16:27

Tgt Ion: 114 Resp: 3099810
 Ion Ratio Lower Upper
 114 100
 63 25.6 21.4 32.0
 88 18.1 15.3 22.9

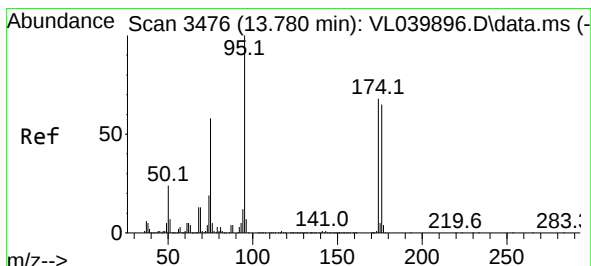
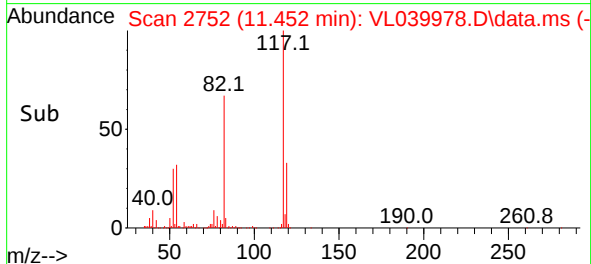
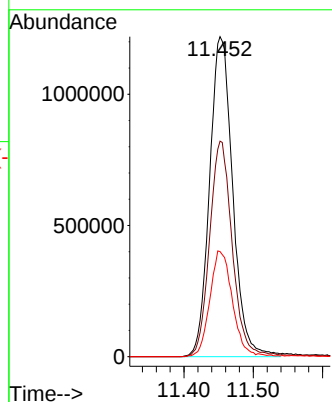
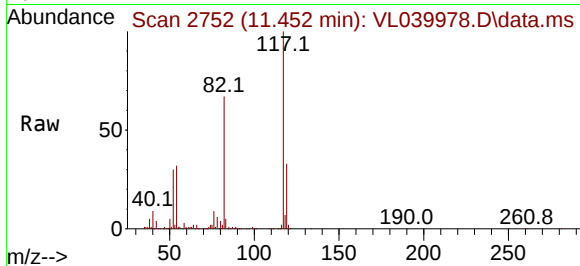




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039978.D
Acq: 12 Dec 2022 16:27

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ClientSampleId :
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Tgt Ion:117 Resp: 2822736
Ion Ratio Lower Upper
117 100
82 67.3 52.3 78.5
119 32.5 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.575 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.026 min
Lab File: VL039978.D
Acq: 12 Dec 2022 16:27

Tgt Ion: 95 Resp: 2280104
Ion Ratio Lower Upper
95 100
174 61.1 53.7 80.5
175 4.3 4.0 6.0

