

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039687.D
 Acq On : 4 Oct 2022 19:06
 Operator : SY/AP
 Sample : N4885-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL

Quant Time: Oct 05 04:41:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

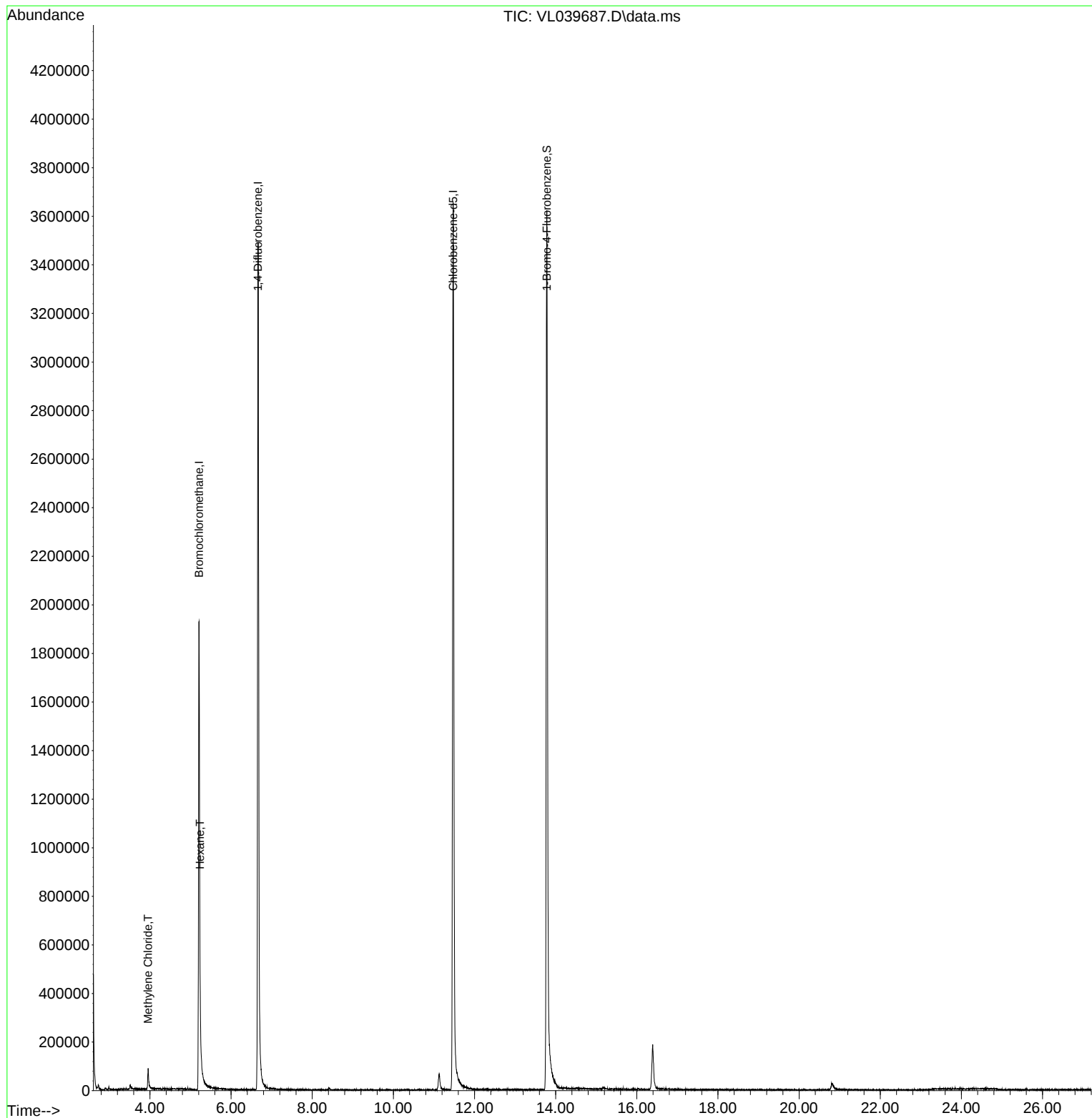
Internal Standards						
1) Bromochloromethane	5.208	49	1004629	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2748492	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2482647	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1780788	9.609	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.954	84	29614	0.573	ppbv #	88
26) Hexane	5.230	57	19701	0.190	ppbv #	36

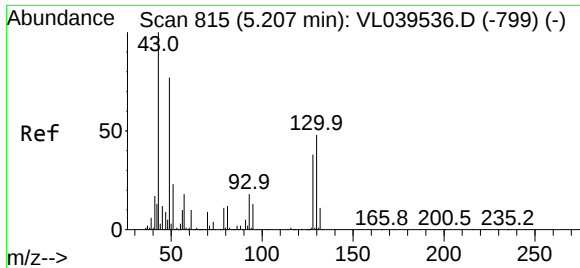
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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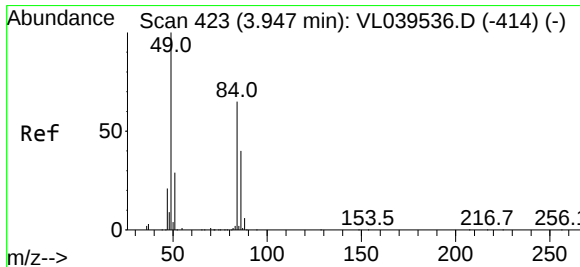
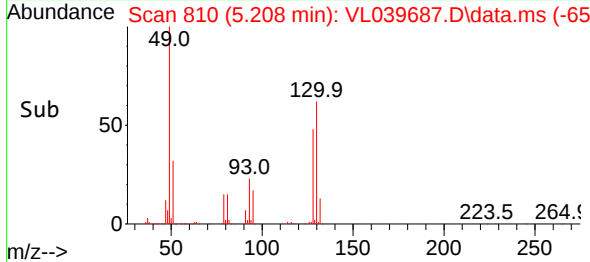
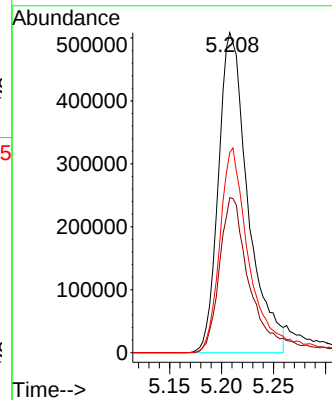
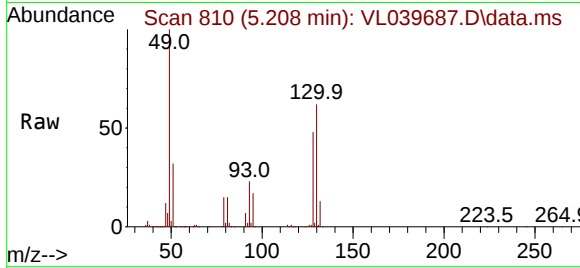




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 815
 Delta R.T. 0.001 min
 Lab File: VL039687.D
 Acq: 4 Oct 2022 19:06

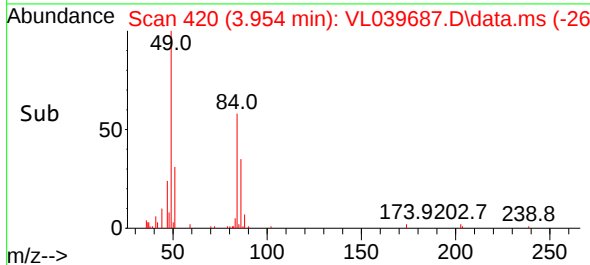
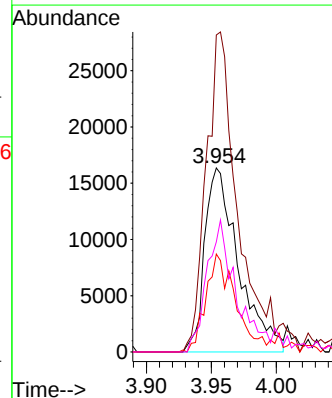
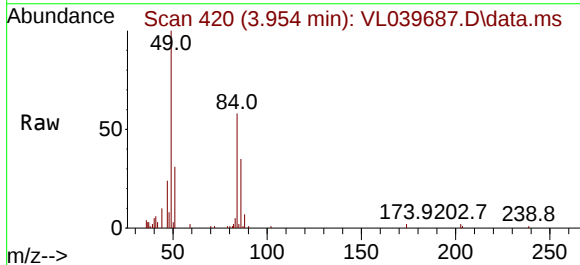
Instrument :
 MSVOA_L
 ClientSampleId :
 1DL

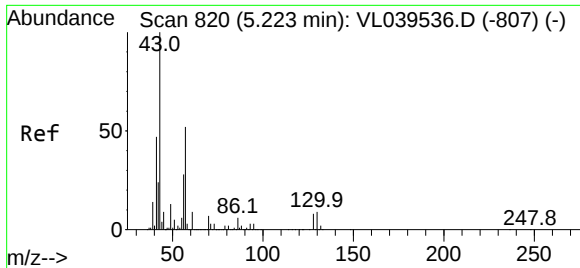
Tgt Ion: 49 Resp: 1004629
 Ion Ratio Lower Upper
 49 100
 128 52.5 26.7 80.0
 130 68.4 34.3 102.8



#20
 Methylene Chloride
 Concen: 0.573 ppbv
 RT: 3.954 min Scan# 420
 Delta R.T. 0.007 min
 Lab File: VL039687.D
 Acq: 4 Oct 2022 19:06

Tgt Ion: 84 Resp: 29614
 Ion Ratio Lower Upper
 84 100
 49 172.3 123.1 184.7
 51 52.1 34.4 51.6#
 86 59.8 51.1 76.7

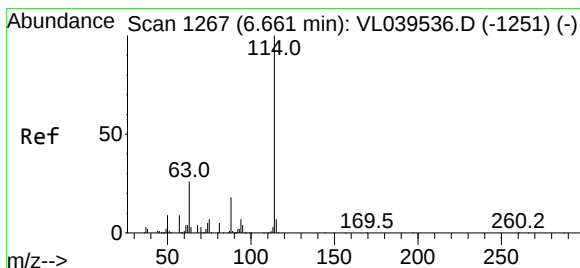
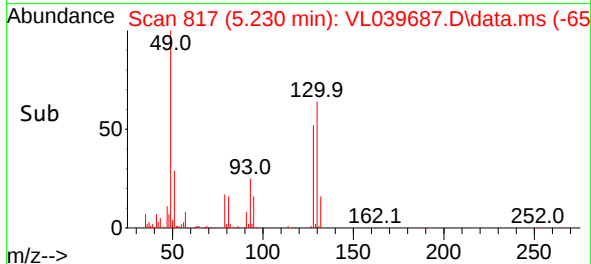
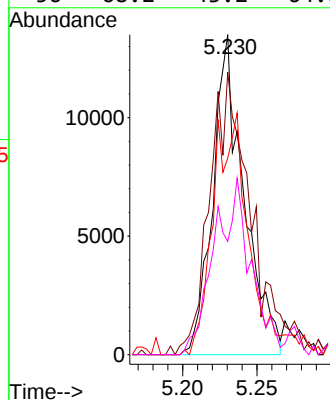
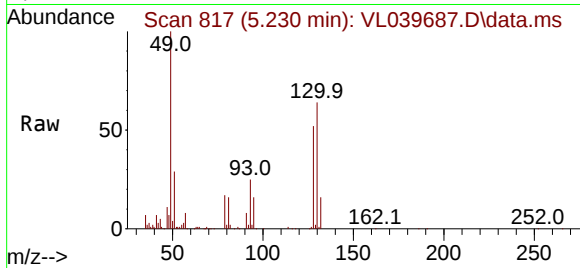




#26
Hexane
Concen: 0.190 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.007 min
Lab File: VL039687.D
Acq: 4 Oct 2022 19:06

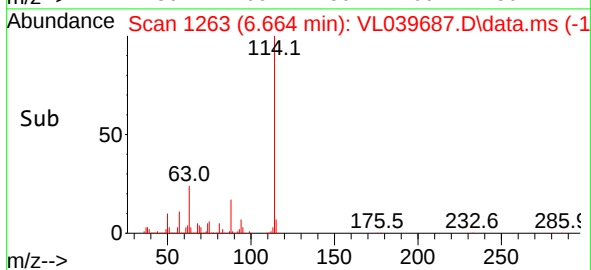
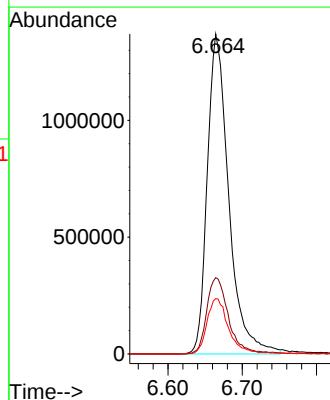
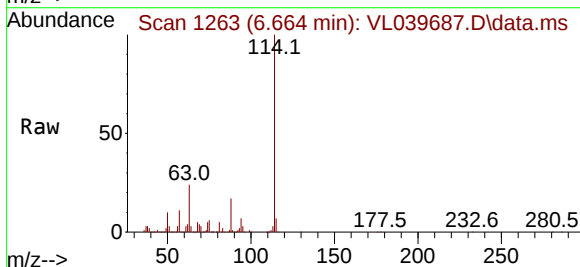
Instrument :
MSVOA_L
ClientSampleId :
1DL

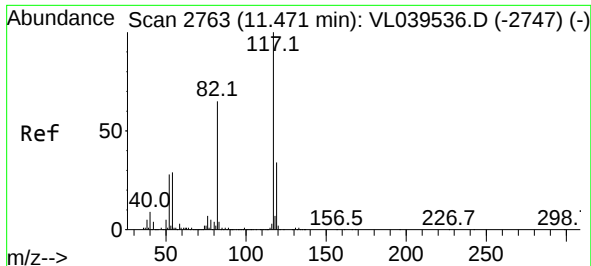
Tgt Ion: 57 Resp: 19701
Ion Ratio Lower Upper
57 100
41 121.3 76.9 115.3#
43 88.6 191.0 286.6#
56 68.2 43.2 64.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.004 min
Lab File: VL039687.D
Acq: 4 Oct 2022 19:06

Tgt Ion: 114 Resp: 2748492
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 17.7 14.5 21.7

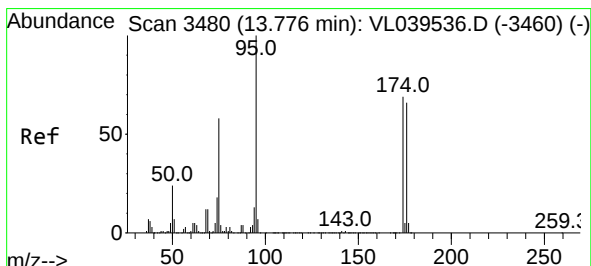
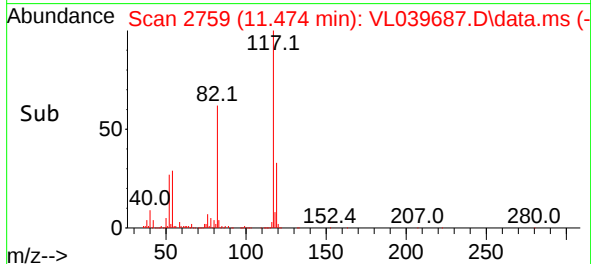
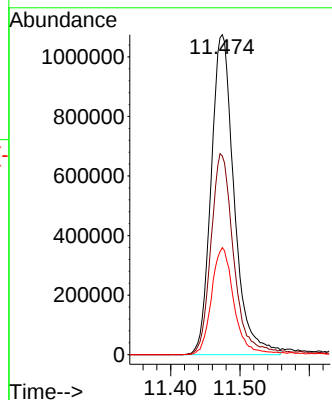
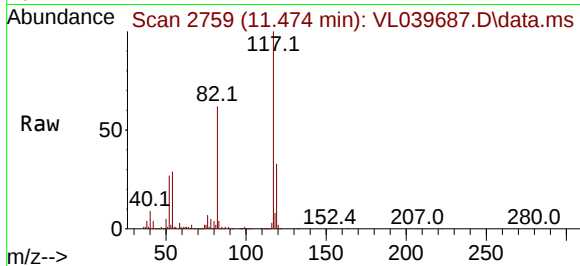




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039687.D
Acq: 4 Oct 2022 19:06

Instrument :
MSVOA_L
ClientSampleId :
1DL

Tgt Ion:117 Resp: 2482647
Ion Ratio Lower Upper
117 100
82 64.0 50.8 76.2
119 33.0 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.609 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.007 min
Lab File: VL039687.D
Acq: 4 Oct 2022 19:06

Tgt Ion: 95 Resp: 1780788
Ion Ratio Lower Upper
95 100
174 74.2 55.9 83.9
175 5.6 4.2 6.4

