

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039805.D
 Acq On : 26 Oct 2022 2:41
 Operator : SY/AP
 Sample : N5227-11DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KDL

Quant Time: Oct 26 08:38:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	834692	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.664	114	2168211	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	1857105	10.000	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1290164	9.766	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%

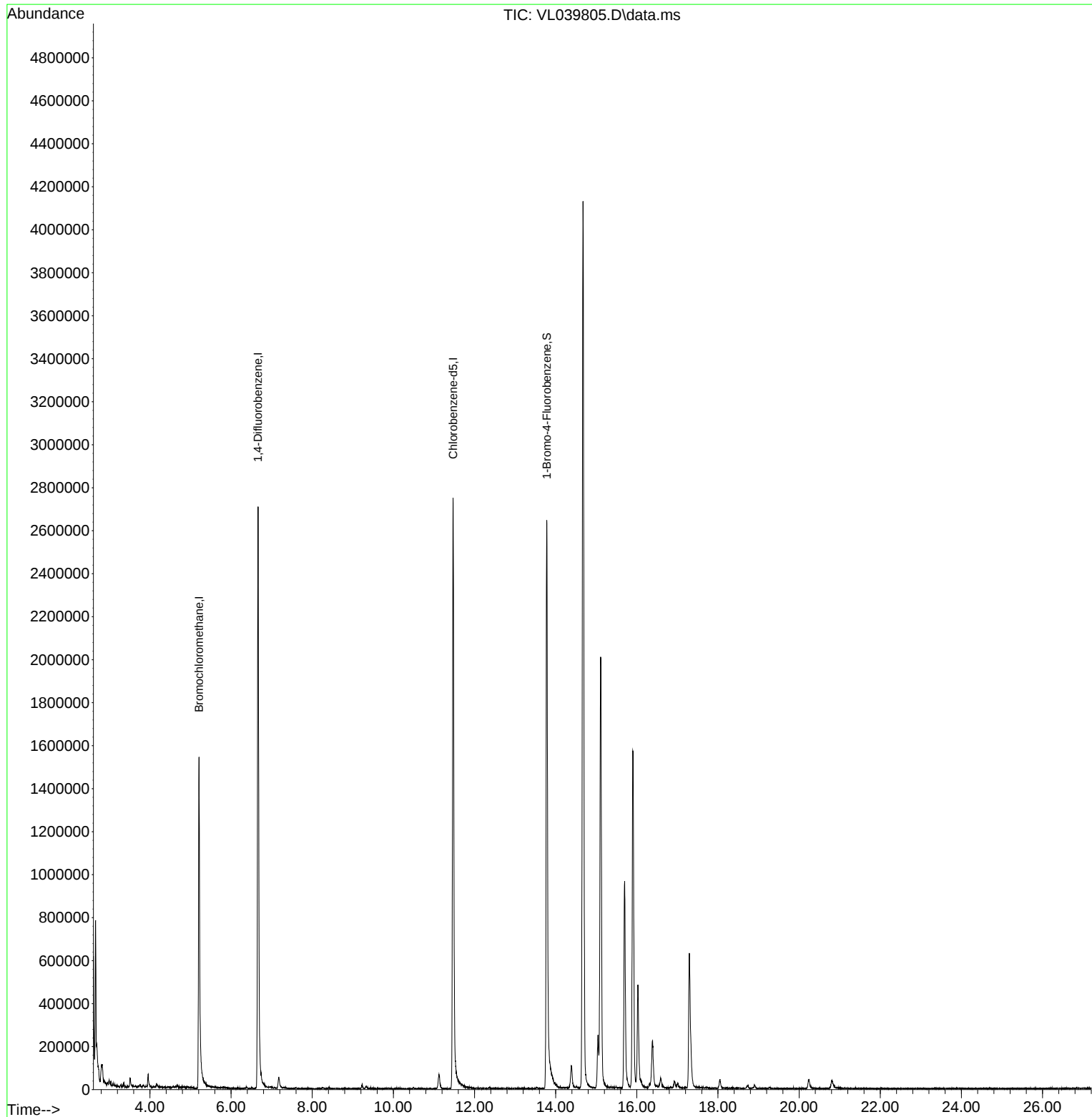
Target Compounds	Qvalue

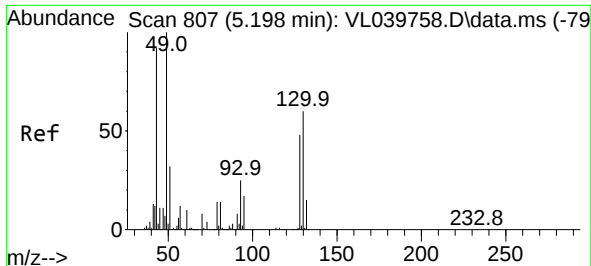
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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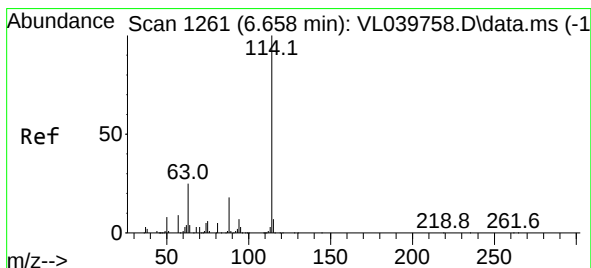
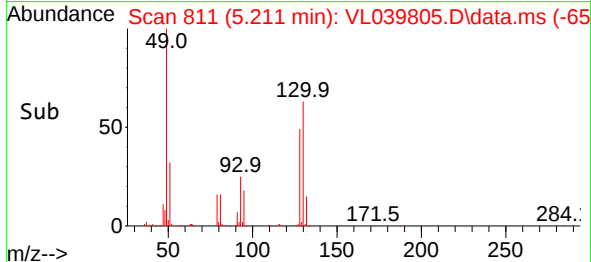
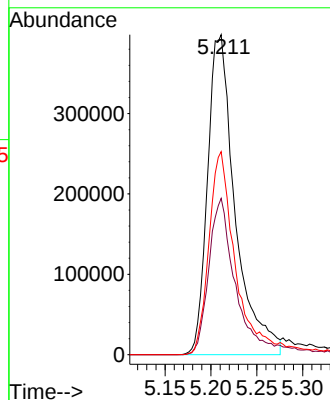
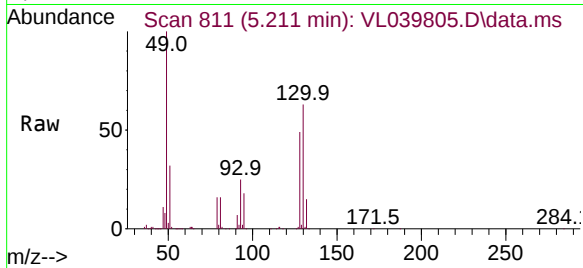




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL039805.D
Acq: 26 Oct 2022 2:41

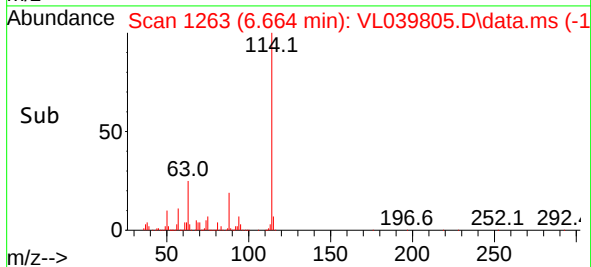
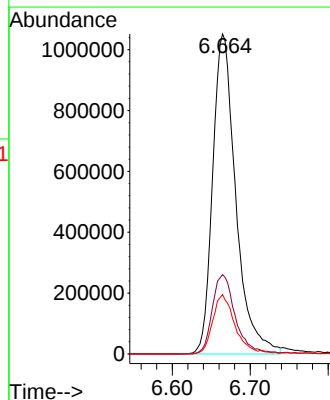
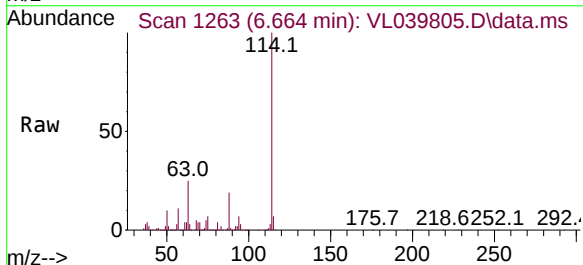
Instrument :
MSVOA_L
ClientSampleId :
KDL

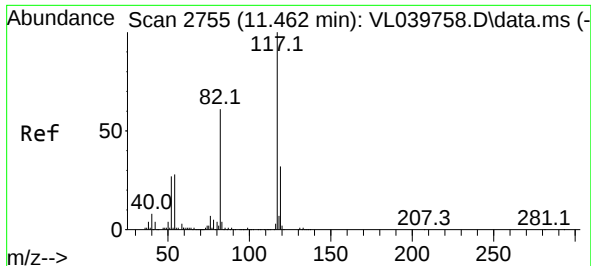
Tgt Ion: 49 Resp: 834692
Ion Ratio Lower Upper
49 100
128 50.1 24.6 74.0
130 64.0 31.8 95.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VL039805.D
Acq: 26 Oct 2022 2:41

Tgt Ion: 114 Resp: 2168211
Ion Ratio Lower Upper
114 100
63 25.4 20.1 30.1
88 18.3 14.5 21.7

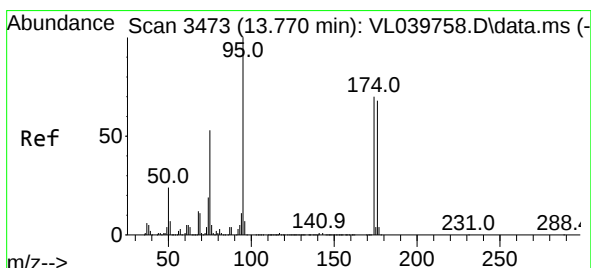
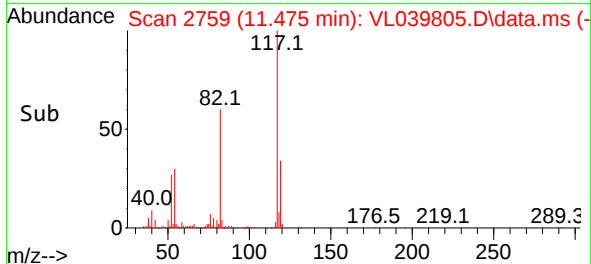
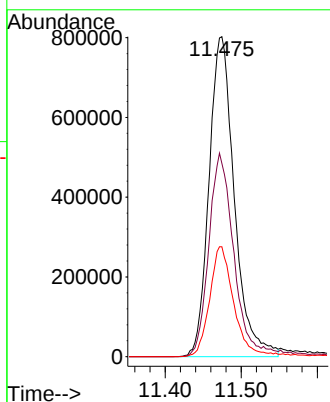
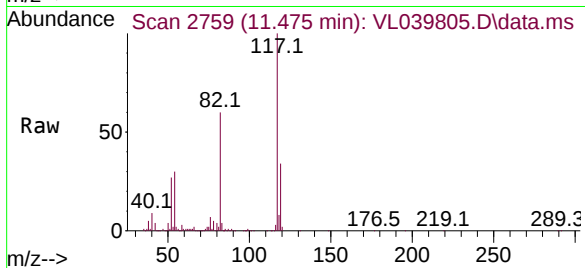




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039805.D
Acq: 26 Oct 2022 2:41

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion:117 Resp: 1857105
Ion Ratio Lower Upper
117 100
82 65.0 49.9 74.9
119 33.3 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.766 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.013 min
Lab File: VL039805.D
Acq: 26 Oct 2022 2:41

Tgt Ion: 95 Resp: 1290164
Ion Ratio Lower Upper
95 100
174 75.1 57.3 85.9
175 5.5 4.2 6.2

