

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039719.D
 Acq On : 17 Oct 2022 14:48
 Operator : SY/AP
 Sample : VL1017ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1017ABL01

Quant Time: Oct 18 05:26:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 18 05:23:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	999540	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	2643164	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2271977	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.802	95	1625366	9.583	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%

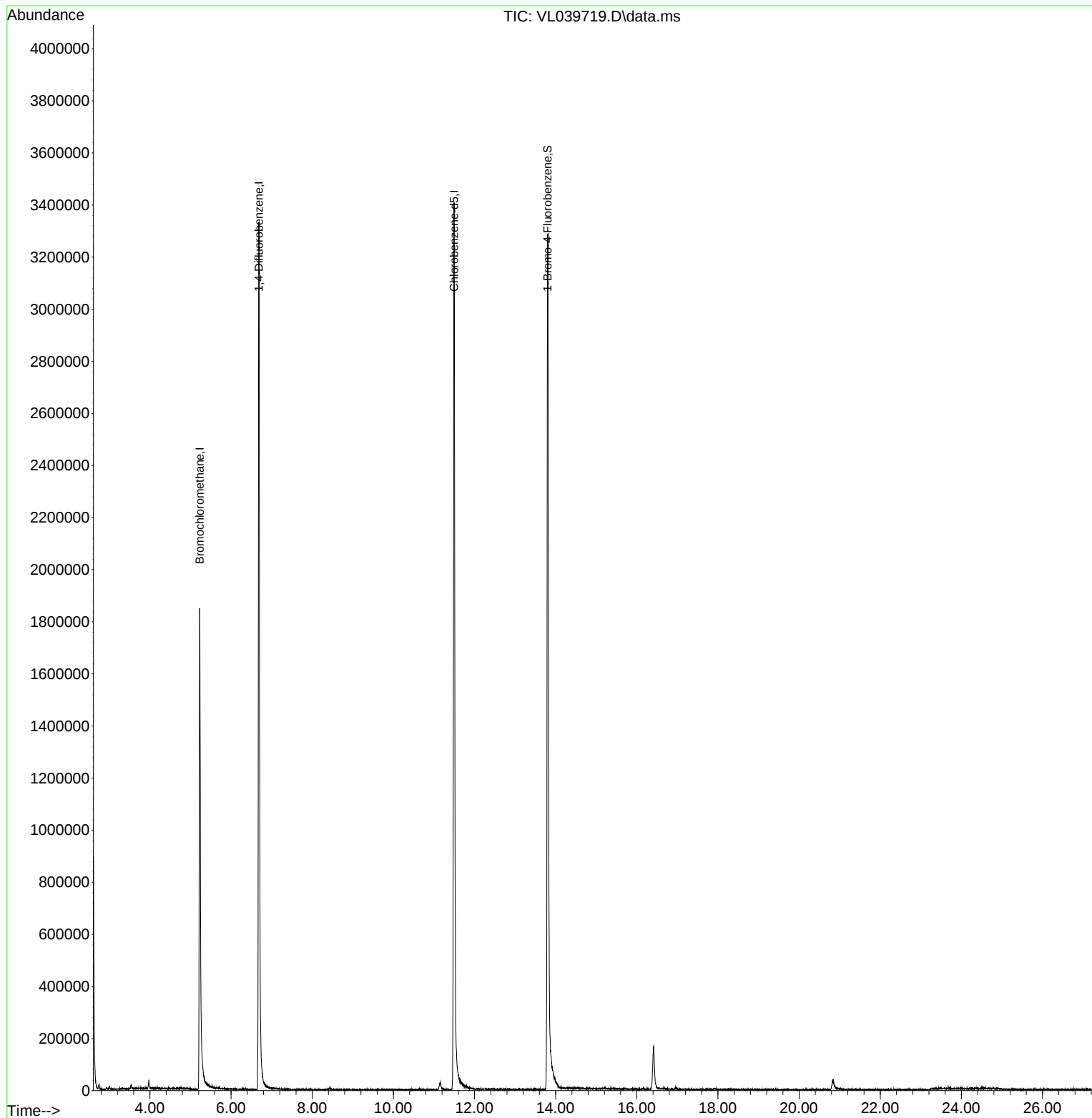
Target Compounds	Qvalue

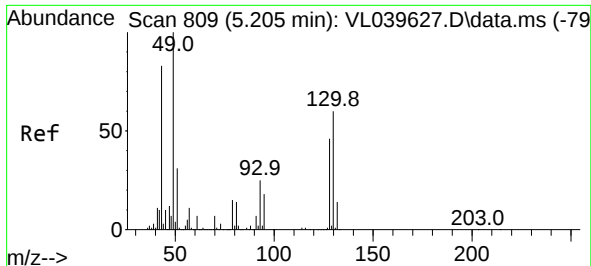
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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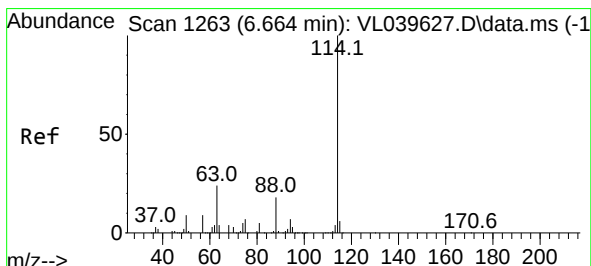
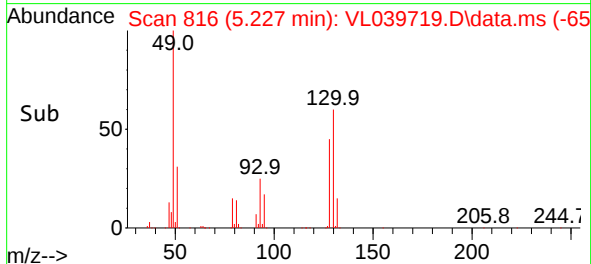
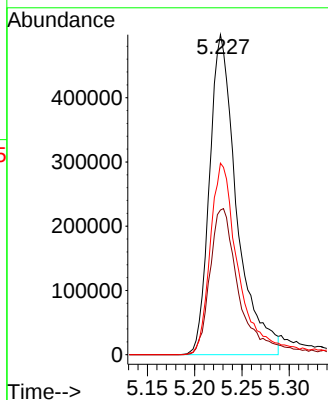
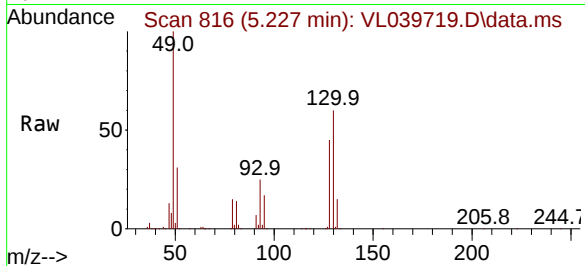




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

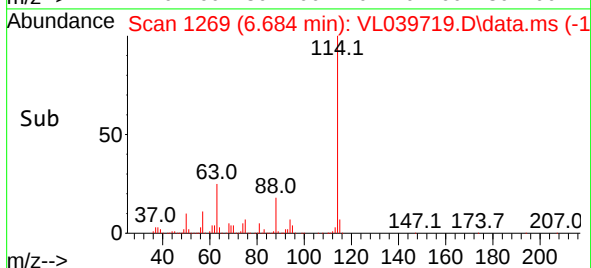
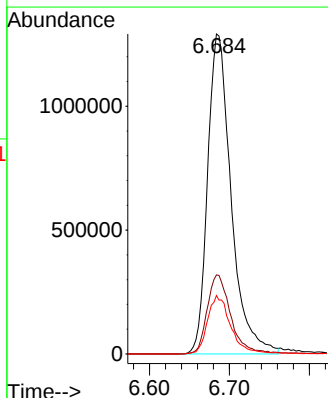
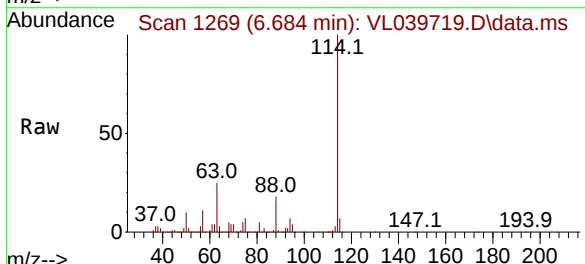
Instrument :
MSVOA_L
ClientSampleId :
VL1017ABL01

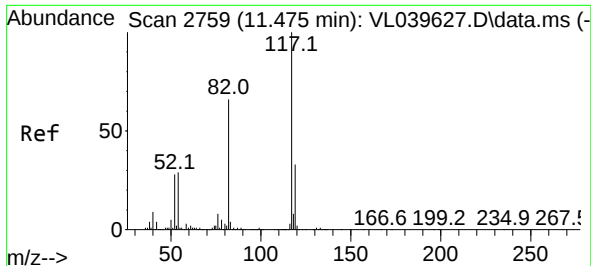
Tgt Ion: 49 Resp: 999540
Ion Ratio Lower Upper
49 100
128 51.2 26.7 80.0
130 64.4 34.3 102.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.684 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

Tgt Ion: 114 Resp: 2643164
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 18.1 14.5 21.7

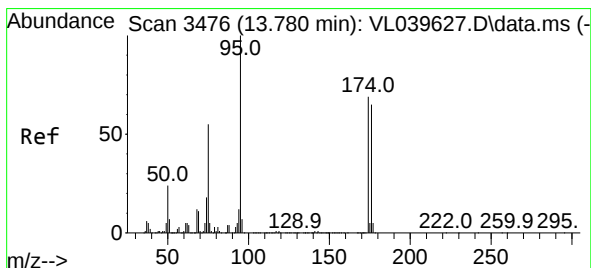
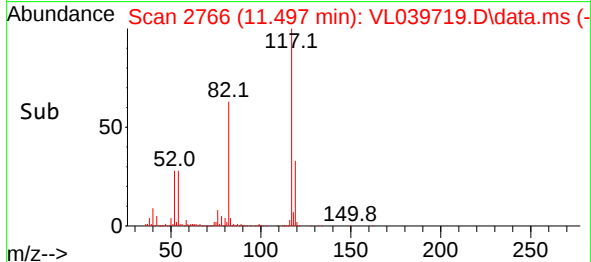
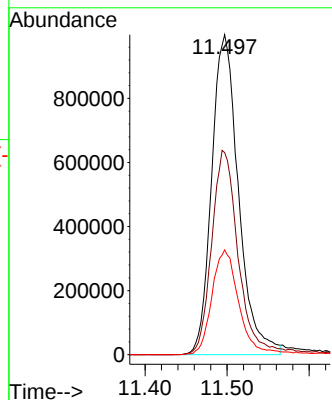
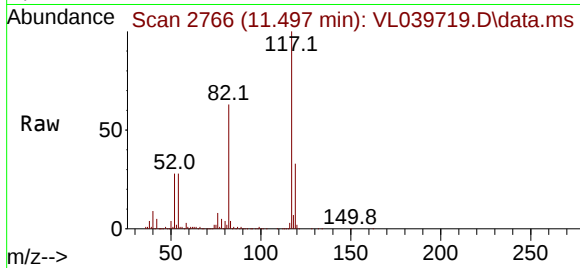




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.497 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL1017ABL01

Tgt Ion:117 Resp: 2271977
Ion Ratio Lower Upper
117 100
82 64.2 50.8 76.2
119 33.2 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.583 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.003 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

Tgt Ion: 95 Resp: 1625366
Ion Ratio Lower Upper
95 100
174 73.0 55.9 83.9
175 5.4 4.2 6.4

