

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040120.D
 Acq On : 19 Jan 2023 19:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jan 20 02:09:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

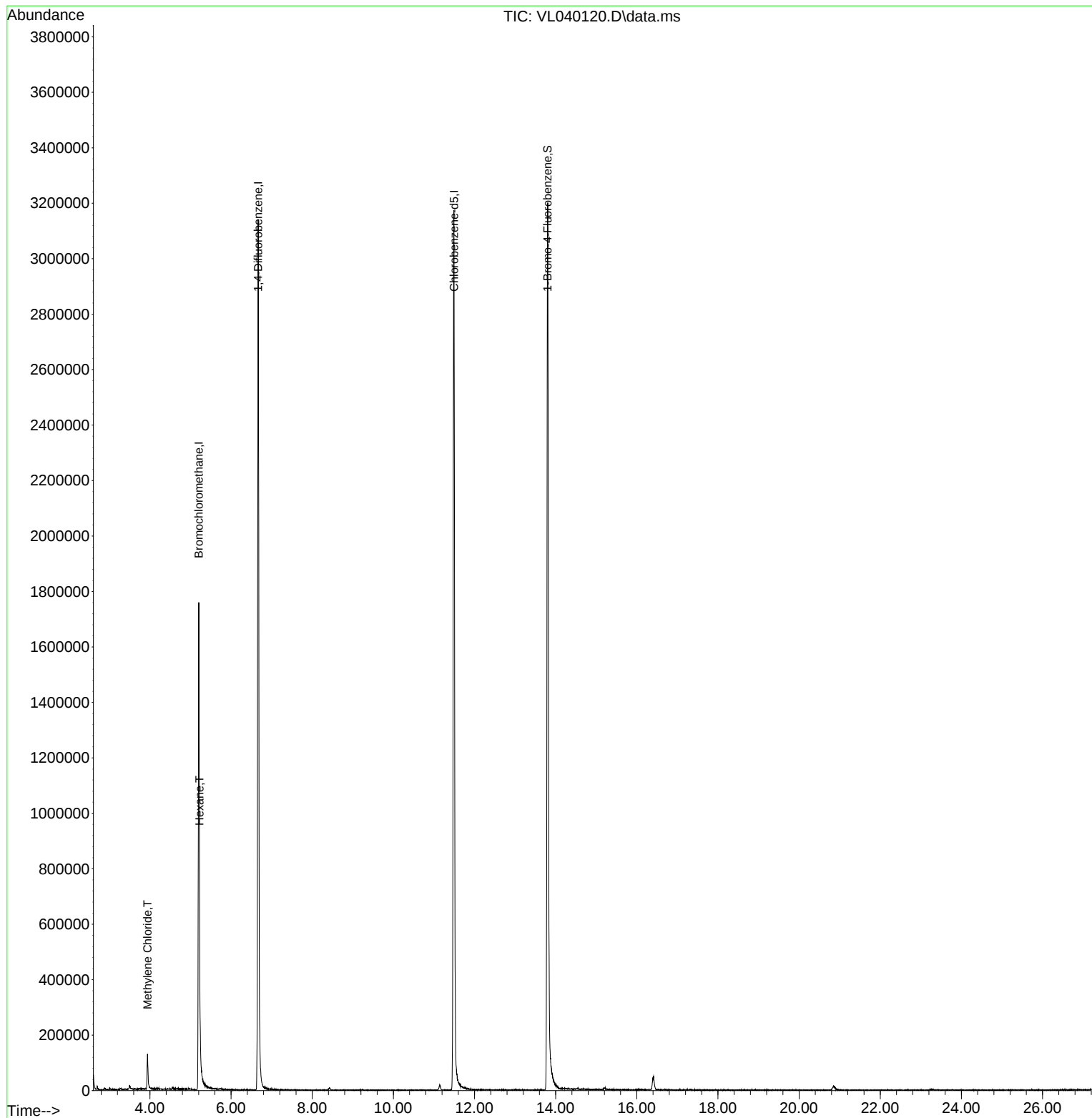
Internal Standards						
1) Bromochloromethane	5.205	49	926300	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.667	114	2529411	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.494	117	2231825	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1753497	9.453	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.500%
Target Compounds						
						Qvalue
20) Methylene Chloride	3.941	84	40315	0.823	ppbv	90
26) Hexane	5.221	57	22514	0.263	ppbv #	36

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.205 min Scan# 80

Delta R.T. 0.020 min

Lab File: VL040120.D

Acq: 19 Jan 2023 19:28

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

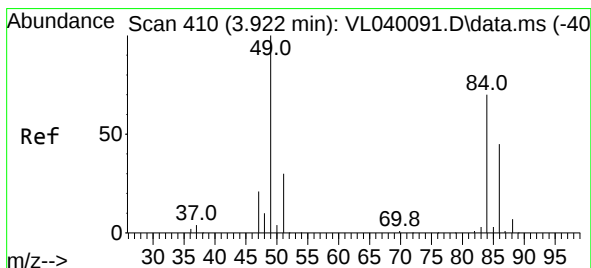
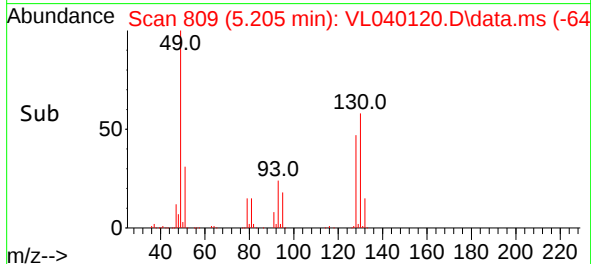
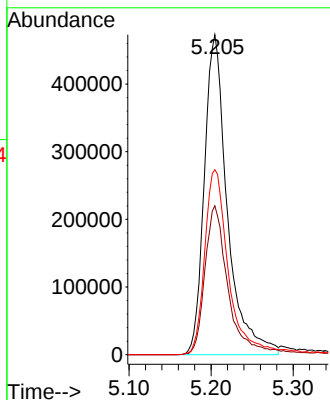
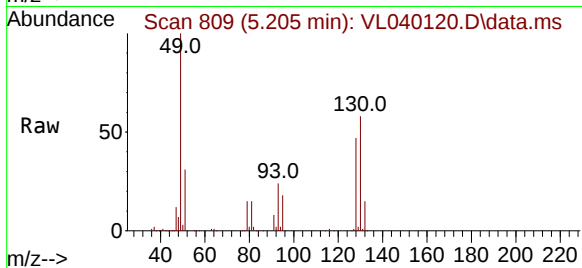
Tgt Ion: 49 Resp: 926300

Ion Ratio Lower Upper

49 100

128 48.2 23.6 71.0

130 61.7 29.8 89.3



#20

Methylene Chloride

Concen: 0.823 ppbv

RT: 3.941 min Scan# 416

Delta R.T. 0.019 min

Lab File: VL040120.D

Acq: 19 Jan 2023 19:28

Tgt Ion: 84 Resp: 40315

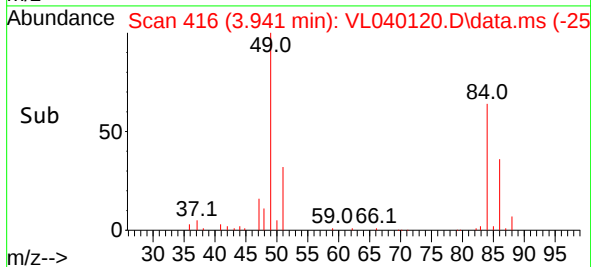
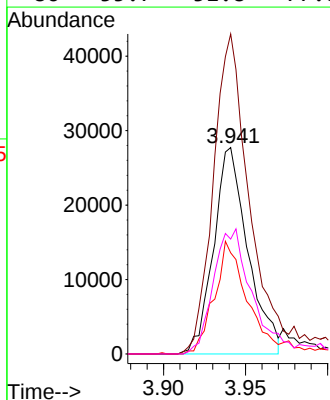
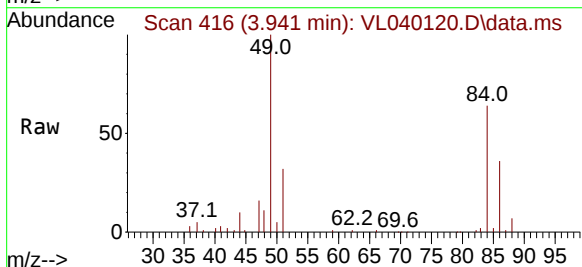
Ion Ratio Lower Upper

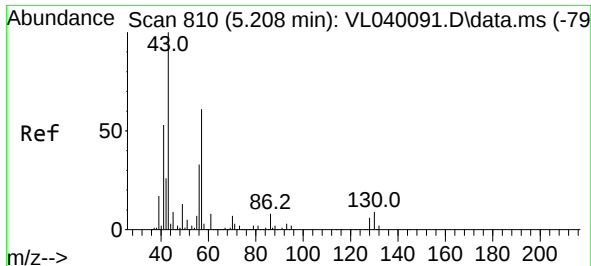
84 100

49 155.1 114.6 171.8

51 49.0 34.3 51.5

86 55.7 51.8 77.8

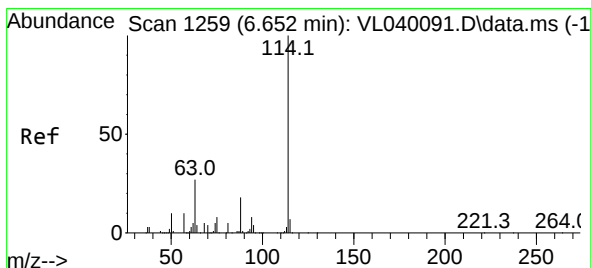
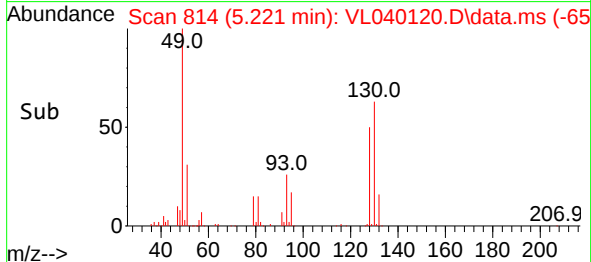
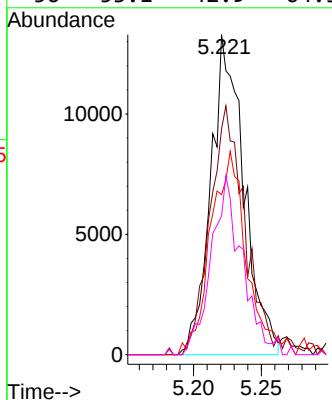
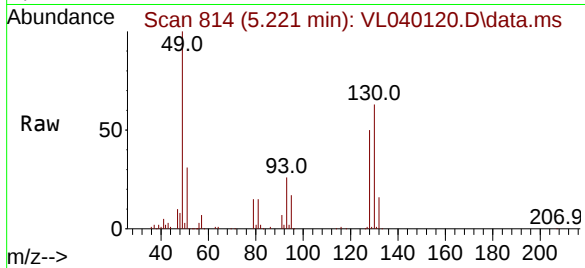




#26
Hexane
Concen: 0.263 ppbv
RT: 5.221 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL040120.D
Acq: 19 Jan 2023 19:28

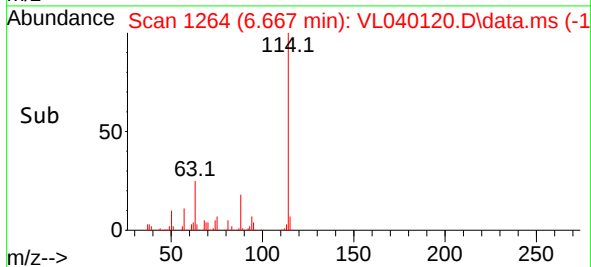
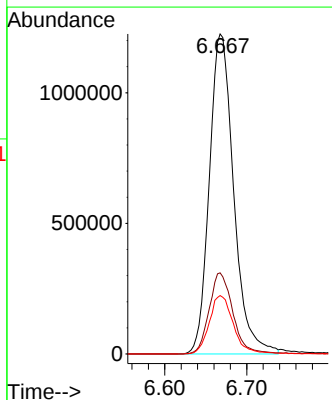
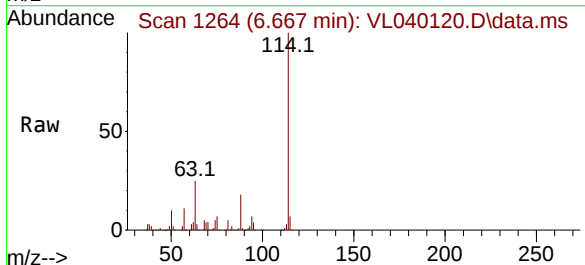
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

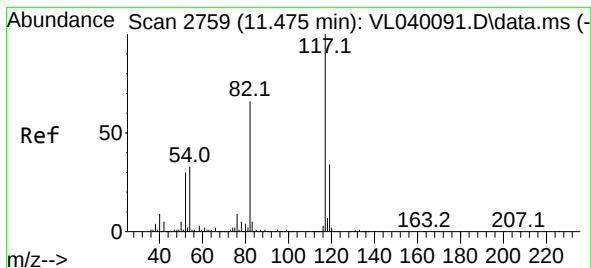
Tgt Ion: 57 Resp: 22514
Ion Ratio Lower Upper
57 100
41 83.8 72.2 108.4
43 70.8 192.1 288.1#
56 53.1 42.9 64.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.667 min Scan# 1264
Delta R.T. 0.016 min
Lab File: VL040120.D
Acq: 19 Jan 2023 19:28

Tgt Ion: 114 Resp: 2529411
Ion Ratio Lower Upper
114 100
63 25.0 21.8 32.8
88 18.1 14.8 22.2

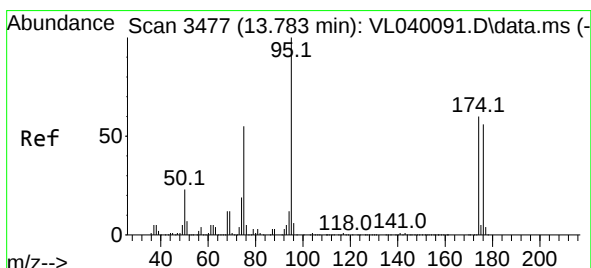
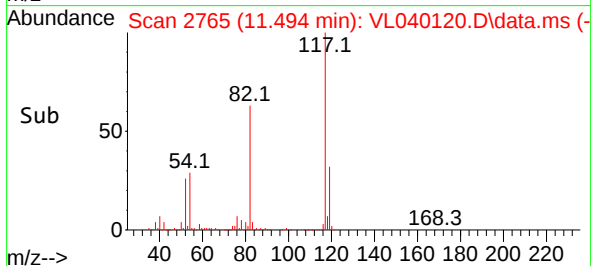
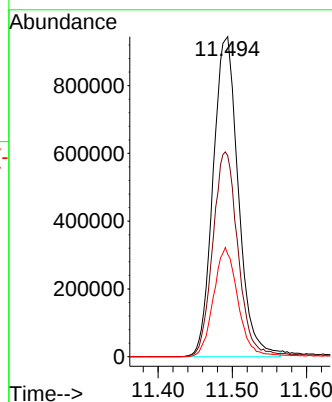
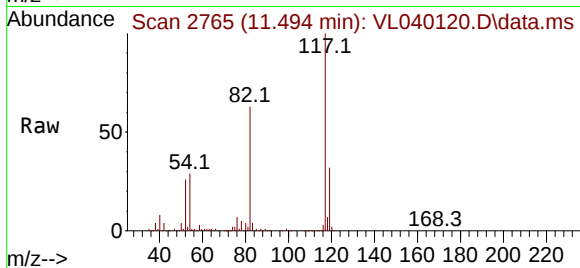




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040120.D
Acq: 19 Jan 2023 19:28

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2231825
Ion Ratio Lower Upper
117 100
82 65.4 54.4 81.6
119 33.3 26.8 40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.453 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.019 min
Lab File: VL040120.D
Acq: 19 Jan 2023 19:28

Tgt Ion: 95 Resp: 1753497
Ion Ratio Lower Upper
95 100
174 64.4 47.7 71.5
175 4.6 3.4 5.2

