

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041189.D
 Acq On : 2 May 2024 10:05
 Operator : SY/MD
 Sample : VL0502ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0502ABL01

Quant Time: May 03 03:38:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 03 03:34:47 2024
 Response via : Initial Calibration

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

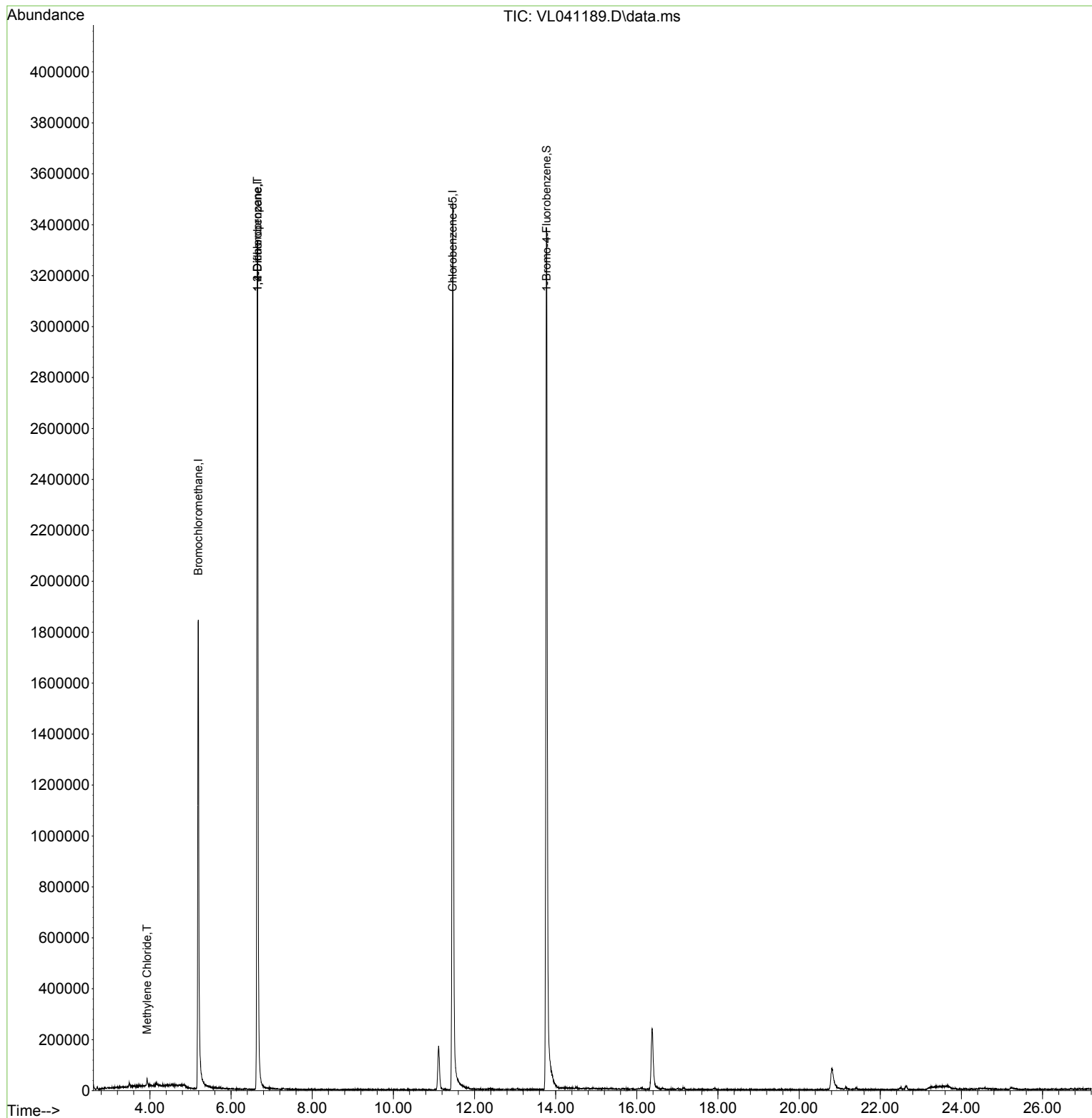
Internal Standards						
1) Bromochloromethane	5.192	49	1026923	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2614098	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2360471	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1849699	10.380	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.800%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.932	84	7921	0.188	ppbv #	87
39) 1,2-Dichloropropane	6.648	63	670982	7.937	ppbv #	24

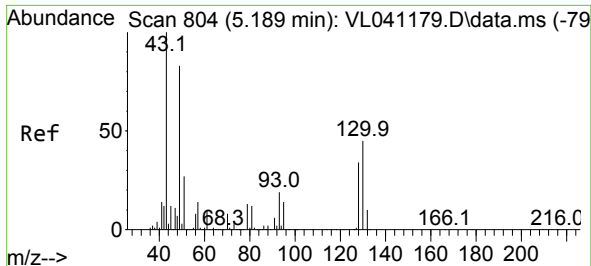
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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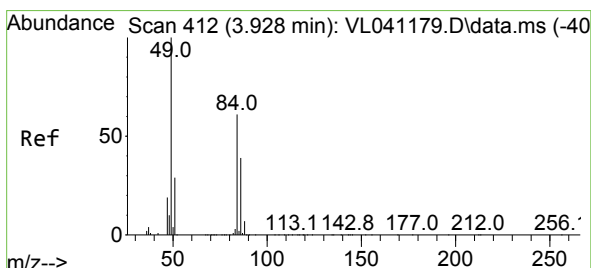
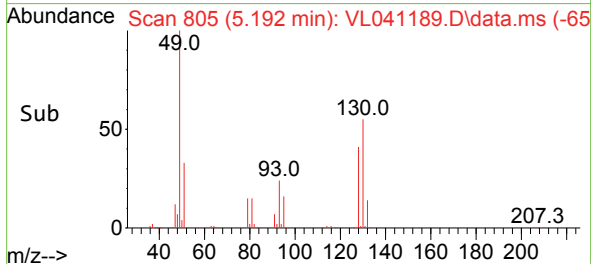
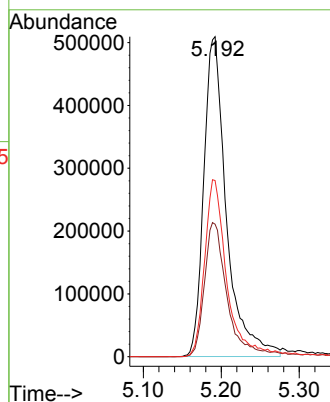
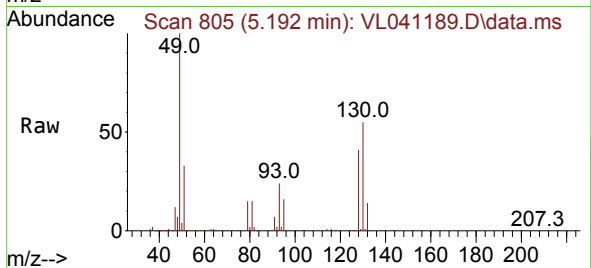




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041189.D
Acq: 2 May 2024 10:05

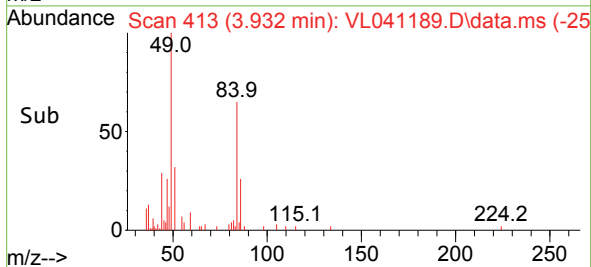
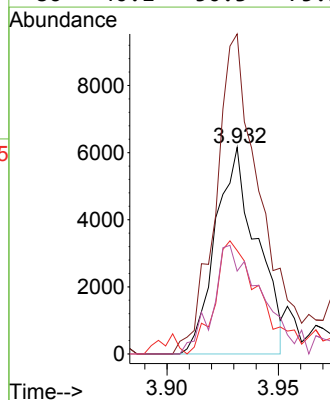
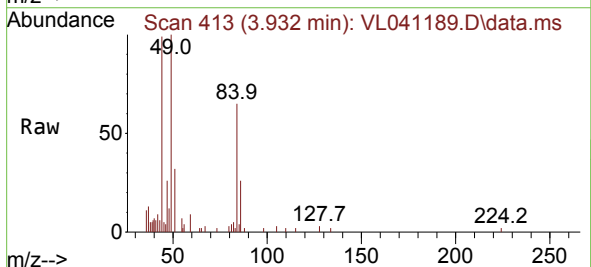
Instrument :
MSVOA_L
ClientSampleId :
VL0502ABL01

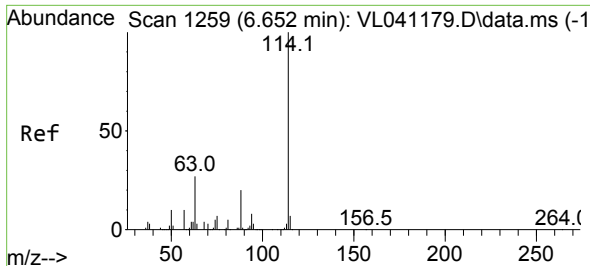
Tgt Ion: 49 Resp: 1026923
Ion Ratio Lower Upper
49 100
128 43.6 21.5 64.5
130 55.7 27.2 81.6



#20
Methylene Chloride
Concen: 0.188 ppbv
RT: 3.932 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041189.D
Acq: 2 May 2024 10:05

Tgt Ion: 84 Resp: 7921
Ion Ratio Lower Upper
84 100
49 148.8 130.4 195.6
51 47.1 38.0 57.0
86 40.1 50.3 75.5#

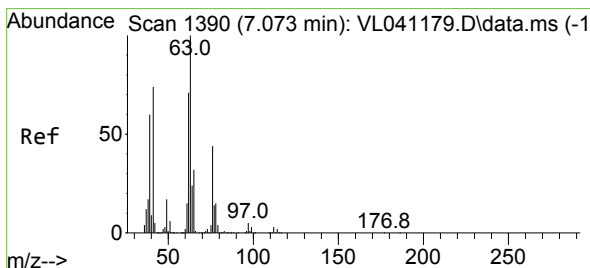
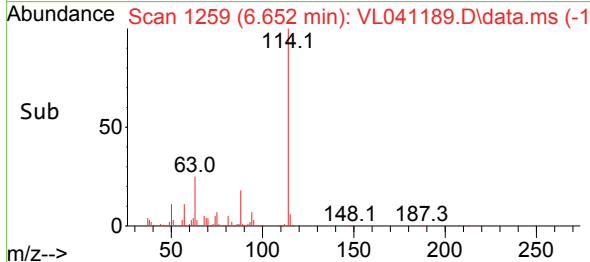
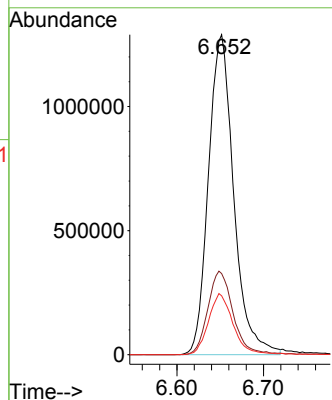
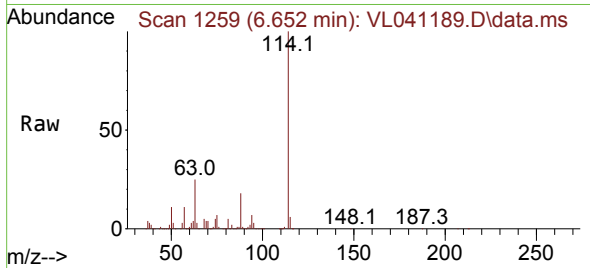




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.652 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL041189.D
 Acq: 2 May 2024 10:05

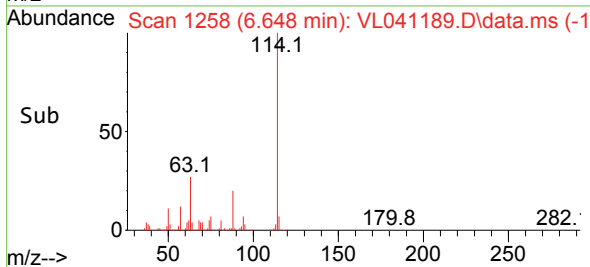
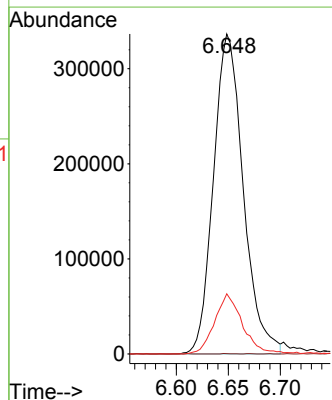
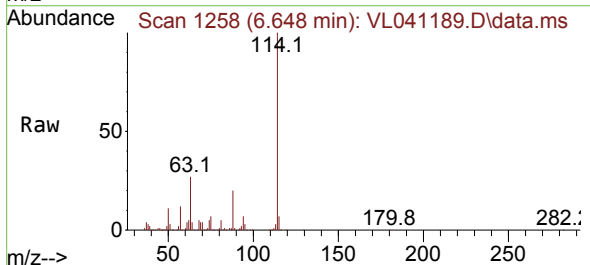
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0502ABL01

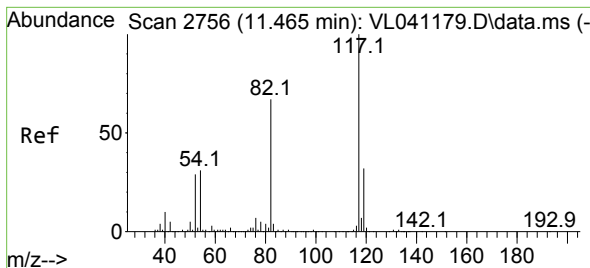
Tgt Ion:114 Resp: 2614098
 Ion Ratio Lower Upper
 114 100
 63 26.4 21.8 32.6
 88 18.8 15.2 22.8



#39
 1,2-Dichloropropane
 Concen: 7.937 ppbv
 RT: 6.648 min Scan# 1258
 Delta R.T. -0.424 min
 Lab File: VL041189.D
 Acq: 2 May 2024 10:05

Tgt Ion: 63 Resp: 670982
 Ion Ratio Lower Upper
 63 100
 41 0.1 59.4 89.0#
 62 18.8 56.8 85.2#

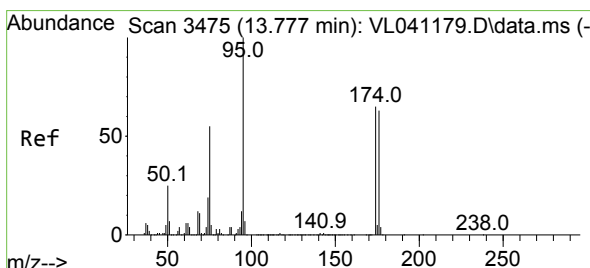
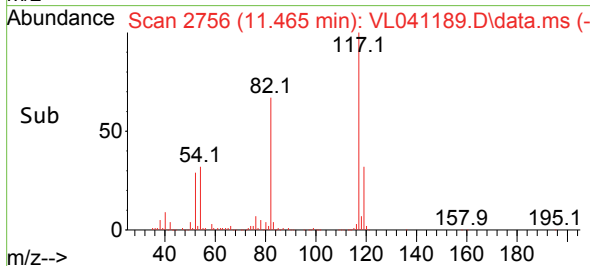
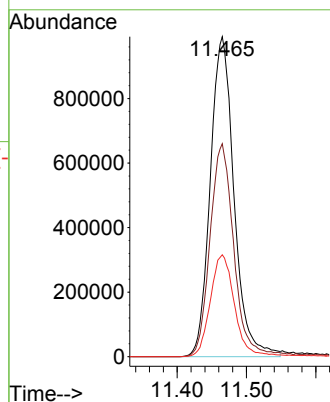
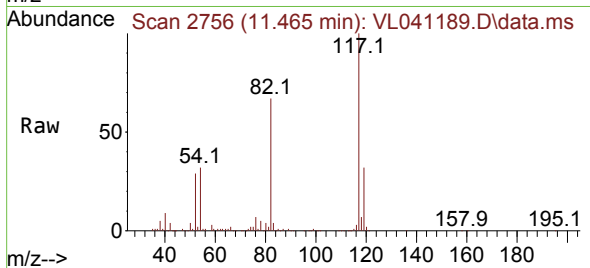




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041189.D
Acq: 2 May 2024 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0502ABL01

Tgt Ion:117 Resp: 2360471
Ion Ratio Lower Upper
117 100
82 68.6 53.6 80.4
119 33.2 27.2 40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.380 ppbv
RT: 13.774 min Scan# 3474
Delta R.T. 0.000 min
Lab File: VL041189.D
Acq: 2 May 2024 10:05

Tgt Ion: 95 Resp: 1849699
Ion Ratio Lower Upper
95 100
174 67.9 53.6 80.4
175 4.4 4.2 6.4

