

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041454.D
 Acq On : 31 Jul 2024 8:55
 Operator : SY/MD
 Sample : VL0731ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 01 02:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

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

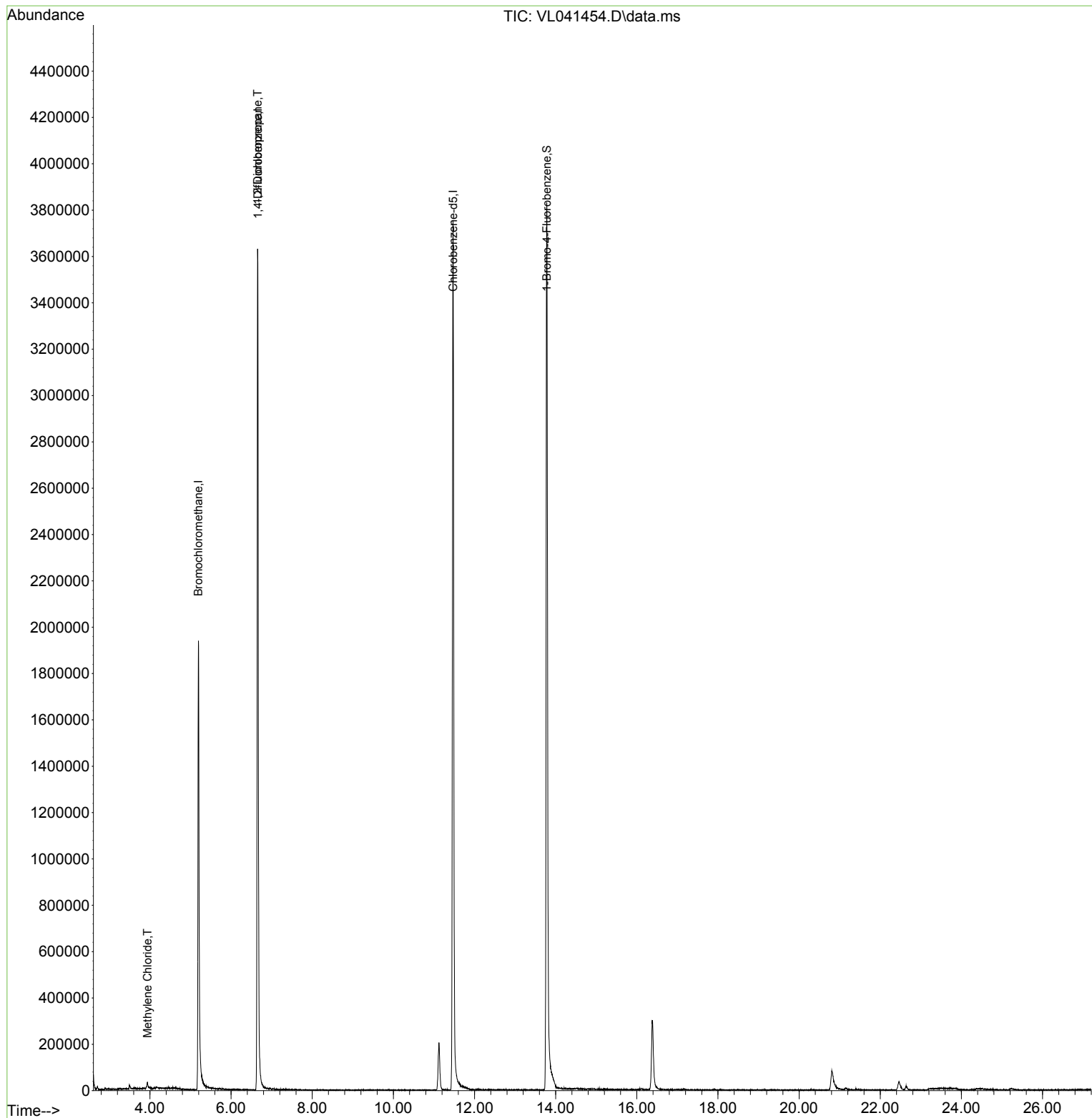
Internal Standards						
1) Bromochloromethane	5.195	49	1058935	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2860394	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2587191	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1965306	9.871	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.941	84	7550	0.168	ppbv #	83
39) 1,2-Dichloropropane	6.655	63	697742	8.720	ppbv #	25

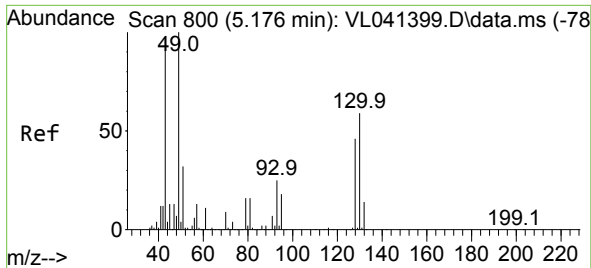
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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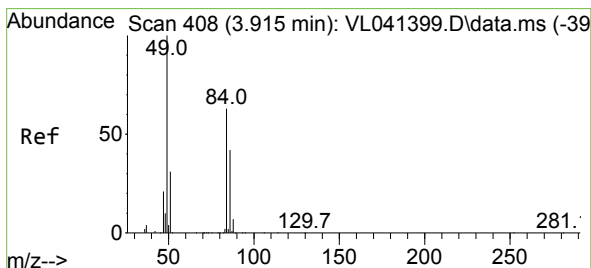
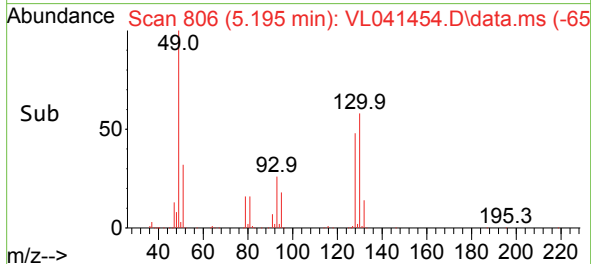
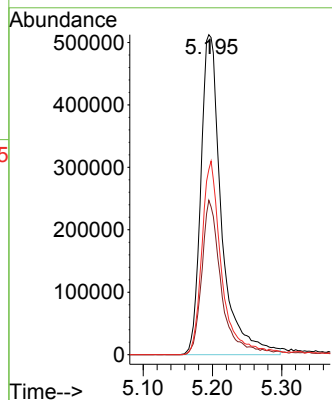
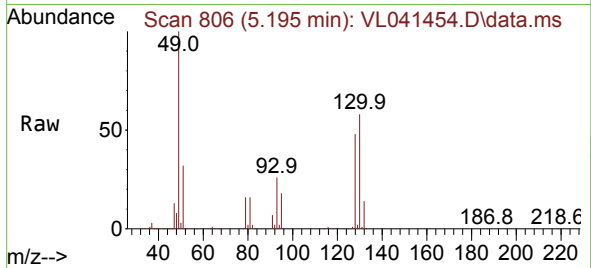




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041454.D
Acq: 31 Jul 2024 8:55

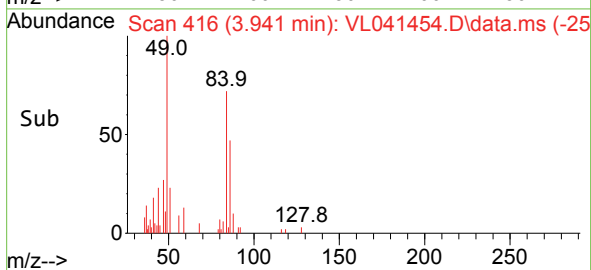
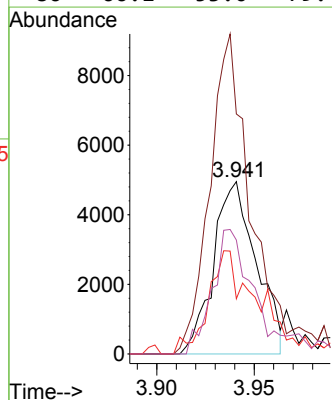
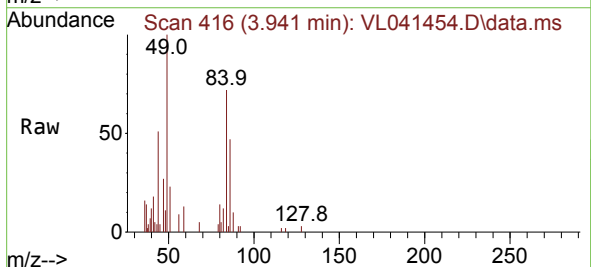
Instrument :
MSVOA_L
ClientSampleId :

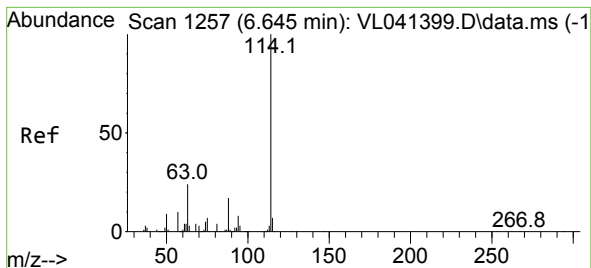
Tgt Ion: 49 Resp: 1058935
Ion Ratio Lower Upper
49 100
128 47.1 23.8 71.4
130 59.6 30.8 92.4



#20
Methylene Chloride
Concen: 0.168 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.006 min
Lab File: VL041454.D
Acq: 31 Jul 2024 8:55

Tgt Ion: 84 Resp: 7550
Ion Ratio Lower Upper
84 100
49 135.8 126.6 190.0
51 22.3 38.6 58.0#
86 66.1 53.0 79.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.000 min

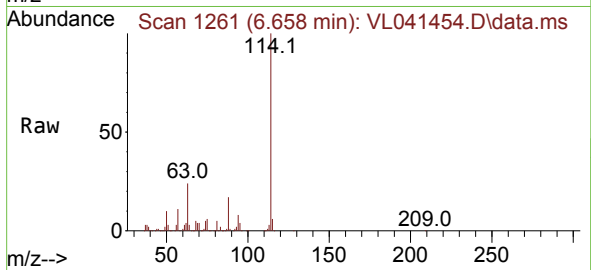
Lab File: VL041454.D

Acq: 31 Jul 2024 8:55

Instrument :

MSVOA_L

ClientSampleId :



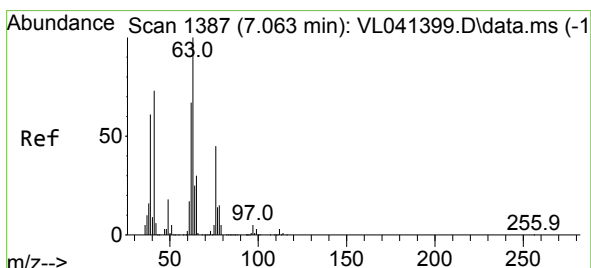
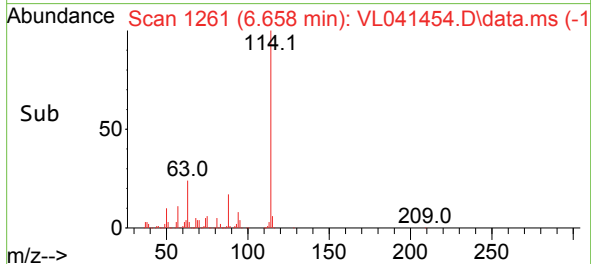
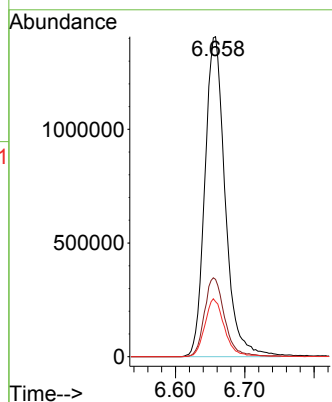
Tgt Ion:114 Resp: 2860394

Ion Ratio Lower Upper

114 100

63 24.7 20.3 30.5

88 17.7 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.720 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.421 min

Lab File: VL041454.D

Acq: 31 Jul 2024 8:55

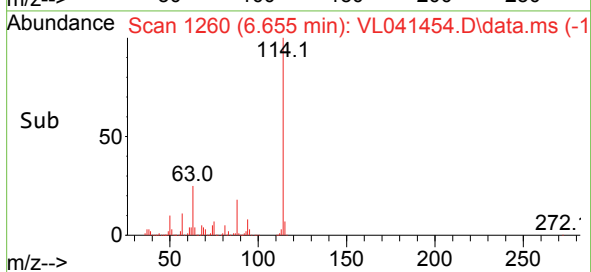
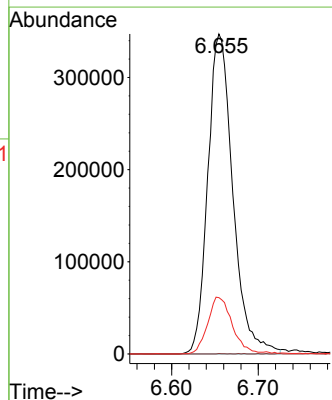
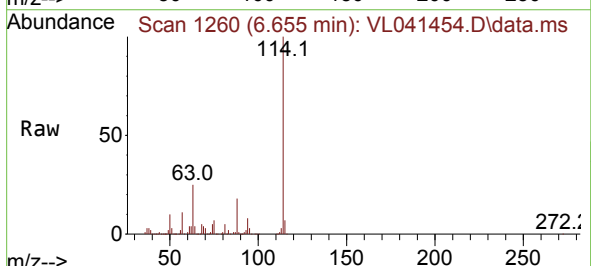
Tgt Ion: 63 Resp: 697742

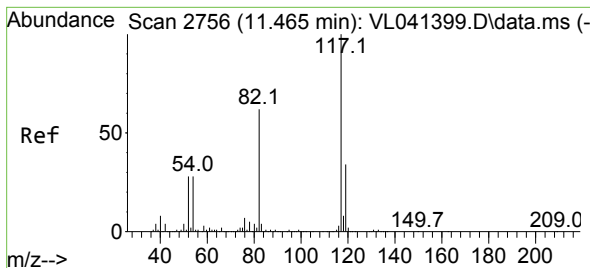
Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

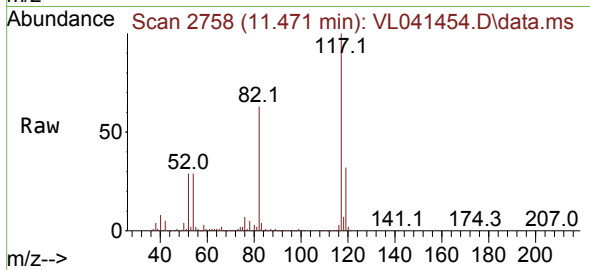
62 17.6 53.9 80.9#



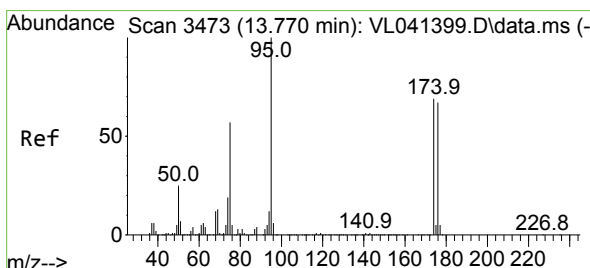
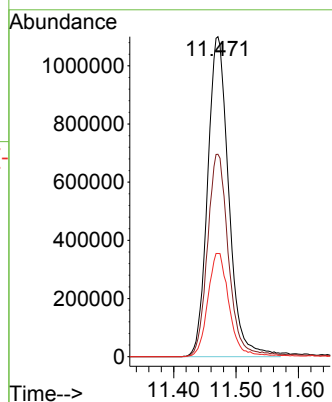
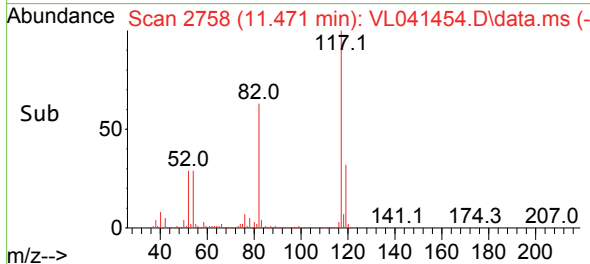


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041454.D
Acq: 31 Jul 2024 8:55

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 2587191
Ion Ratio Lower Upper
117 100
82 64.0 51.0 76.6
119 33.1 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.871 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VL041454.D
Acq: 31 Jul 2024 8:55

Tgt Ion: 95 Resp: 1965306
Ion Ratio Lower Upper
95 100
174 72.2 56.3 84.5
175 5.2 4.0 6.0

