

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041260.D
 Acq On : 21 May 2024 11:36
 Operator : SY/MD
 Sample : VL0521ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0521ABL01

Quant Time: May 22 05:42:19 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 : Wed May 22 05:39:49 2024
 Response via : Initial Calibration

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

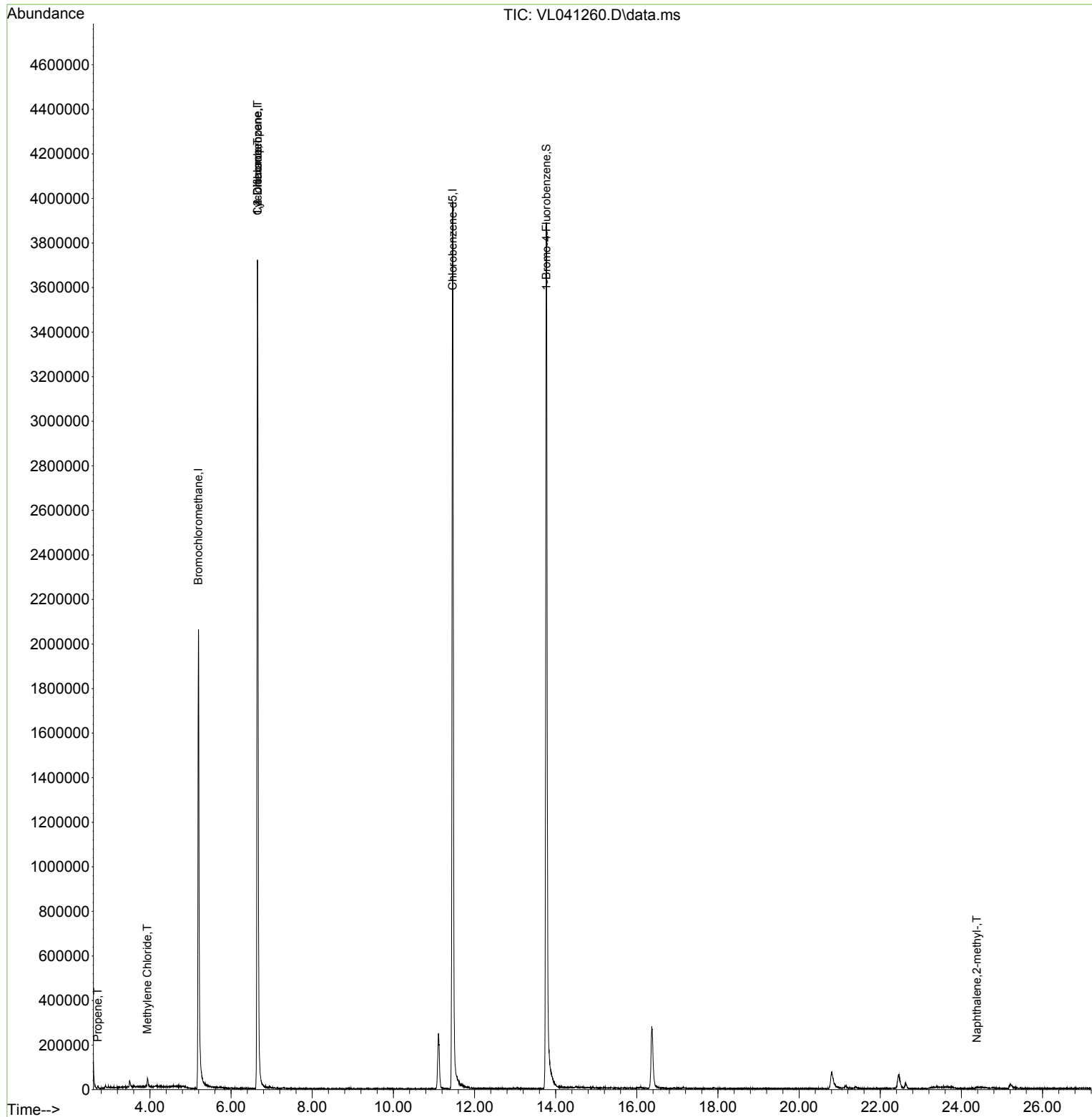
Internal Standards						
1) Bromochloromethane	5.195	49	1044194	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2894505	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2673191	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2050038	10.158	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
9) Propene	2.710	41	2240	0.036	ppbv #	44
20) Methylene Chloride	3.938	84	9803	0.229	ppbv	91
30) Cyclohexane	6.651	84	3522	0.041	ppbv #	1
39) 1,2-Dichloropropane	6.651	63	727514	7.772	ppbv #	23
80) Naphthalene,2-methyl-	24.381	142	3743	0.030	ppbv #	70

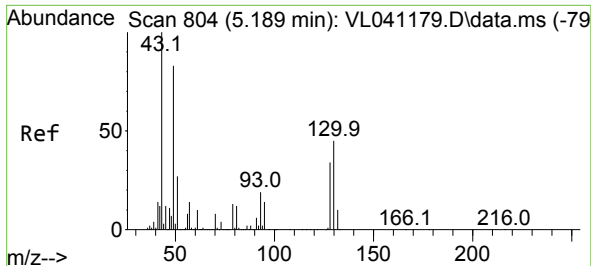
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.195 min Scan# 80

Delta R.T. -0.006 min

Lab File: VL041260.D

Acq: 21 May 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL0521ABL01

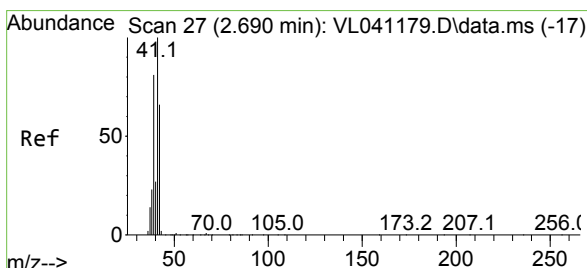
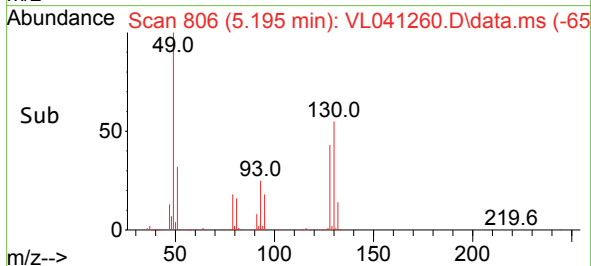
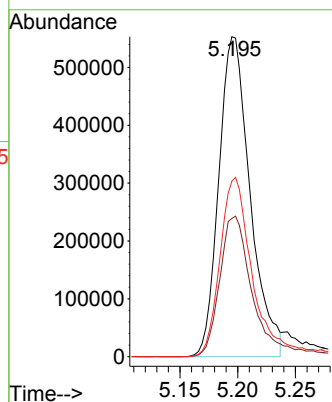
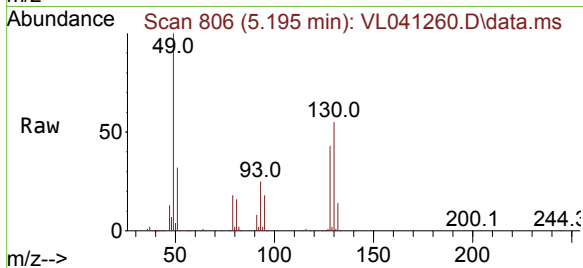
Tgt Ion: 49 Resp: 1044194

Ion Ratio Lower Upper

49 100

128 47.2 21.5 64.5

130 61.5 27.2 81.6



#9

Propene

Concen: 0.036 ppbv

RT: 2.710 min Scan# 33

Delta R.T. -0.003 min

Lab File: VL041260.D

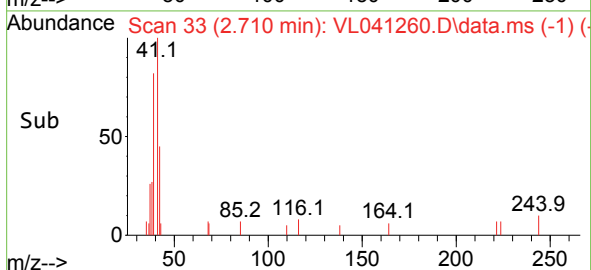
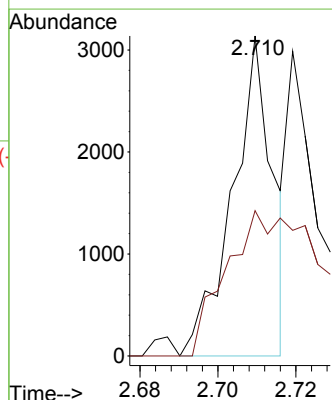
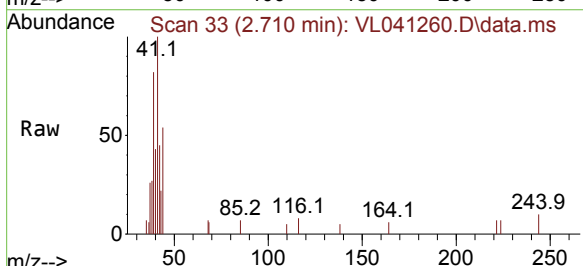
Acq: 21 May 2024 11:36

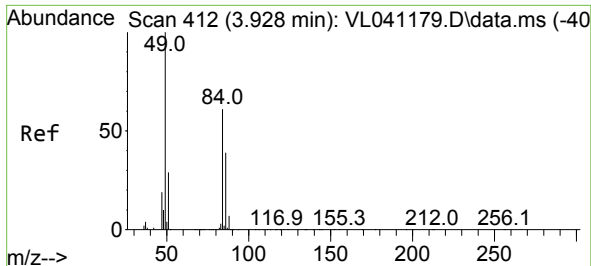
Tgt Ion: 41 Resp: 2240

Ion Ratio Lower Upper

41 100

42 115.0 55.3 82.9#



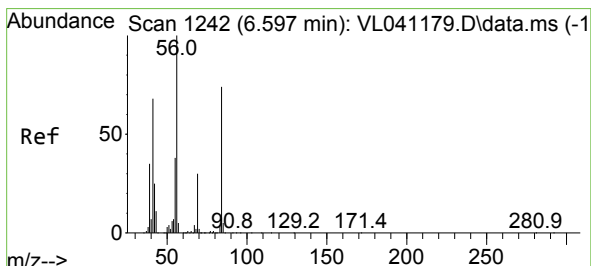
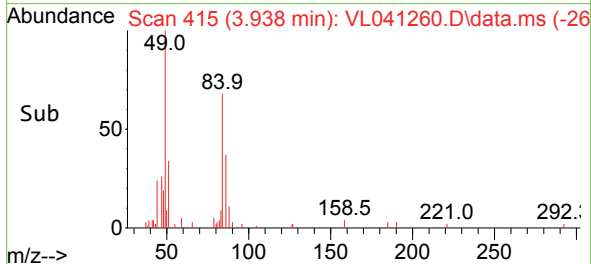
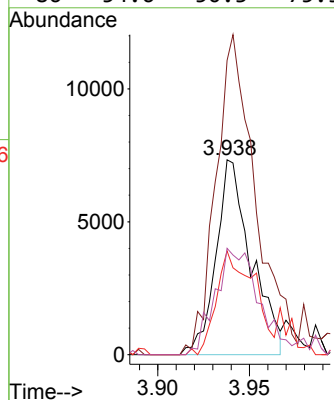
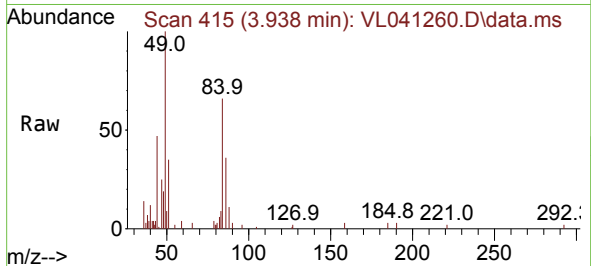


#20
Methylene Chloride
Concen: 0.229 ppbv
RT: 3.938 min Scan# 412
Delta R.T. -0.007 min
Lab File: VL041260.D
Acq: 21 May 2024 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL0521ABL01

Tgt Ion: 84 Resp: 9803

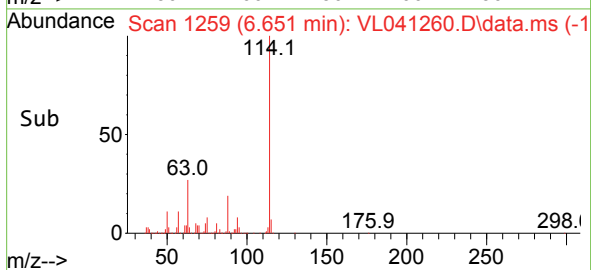
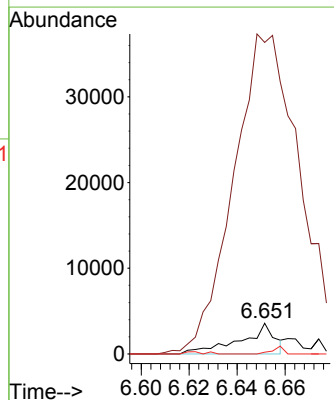
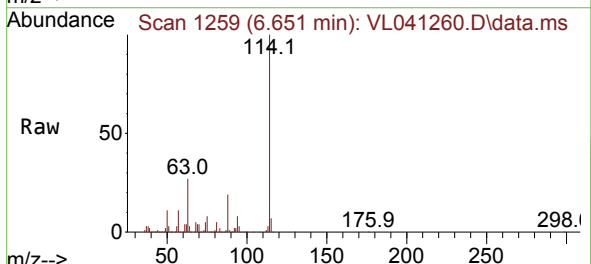
Ion	Ratio	Lower	Upper
84	100		
49	150.9	130.4	195.6
51	53.2	38.0	57.0
86	54.6	50.3	75.5

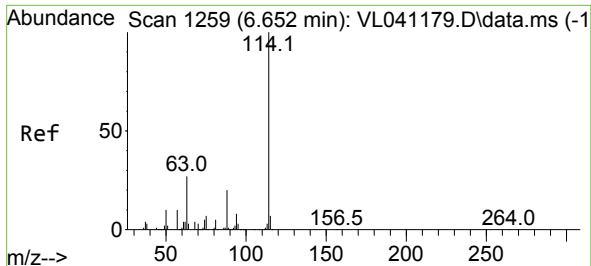


#30
Cyclohexane
Concen: 0.041 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.045 min
Lab File: VL041260.D
Acq: 21 May 2024 11:36

Tgt Ion: 84 Resp: 3522

Ion	Ratio	Lower	Upper
84	100		
56	2197.6	116.8	175.2#
41	4.2	73.8	110.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. -0.007 min

Lab File: VL041260.D

Acq: 21 May 2024 11:36

Instrument :

MSVOA_L

ClientSampleId :

VL0521ABL01

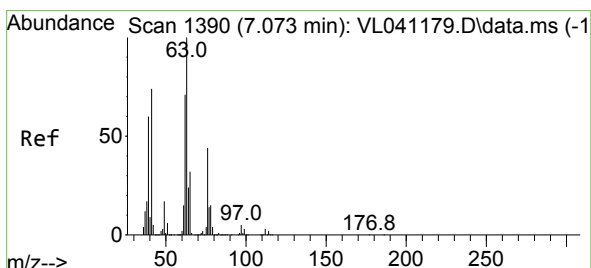
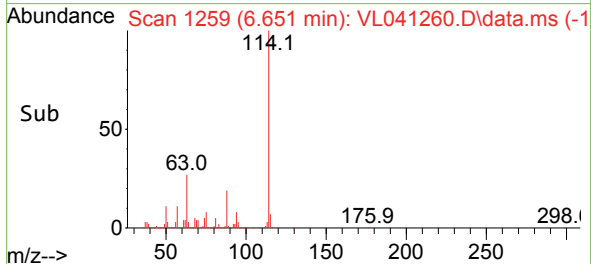
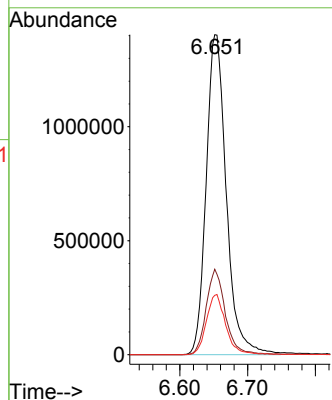
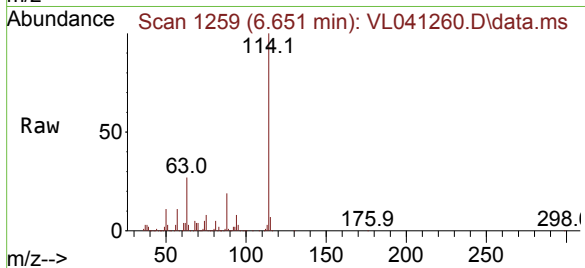
Tgt Ion:114 Resp: 2894505

Ion Ratio Lower Upper

114 100

63 25.4 21.8 32.6

88 18.2 15.2 22.8



#39

1,2-Dichloropropane

Concen: 7.772 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. -0.425 min

Lab File: VL041260.D

Acq: 21 May 2024 11:36

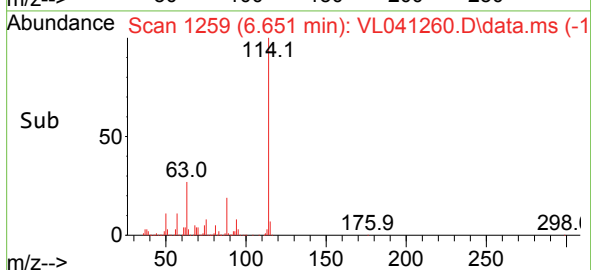
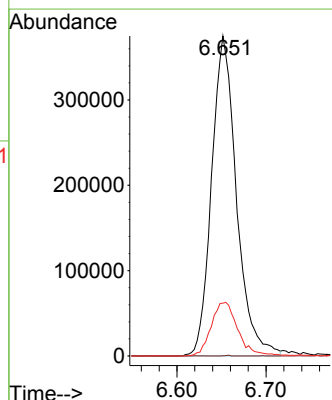
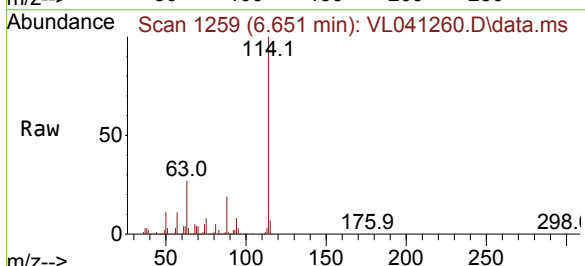
Tgt Ion: 63 Resp: 727514

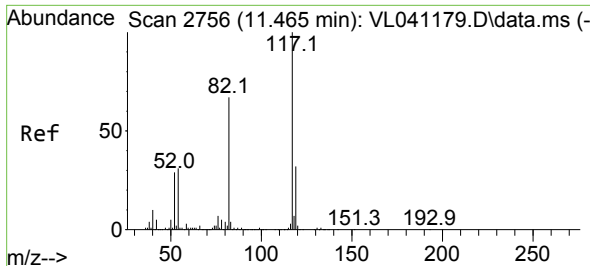
Ion Ratio Lower Upper

63 100

41 0.1 59.4 89.0#

62 16.5 56.8 85.2#

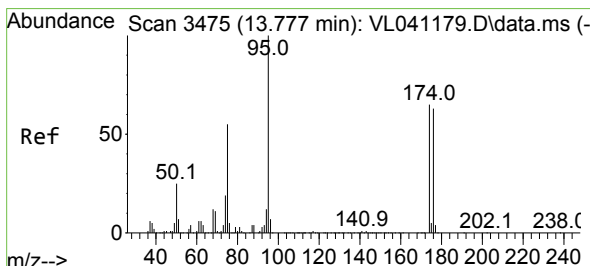
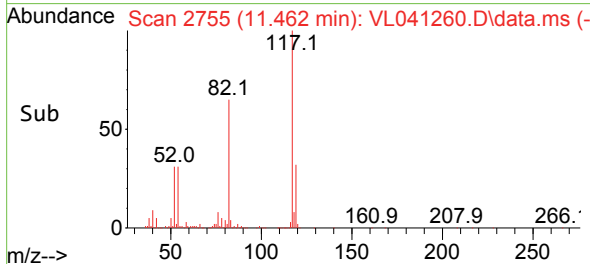
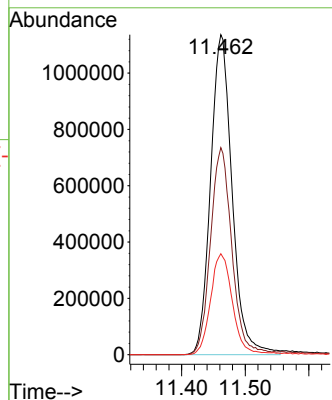
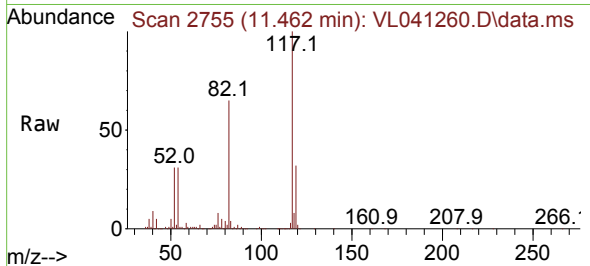




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041260.D
Acq: 21 May 2024 11:36

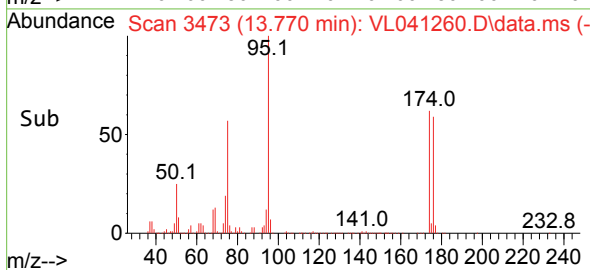
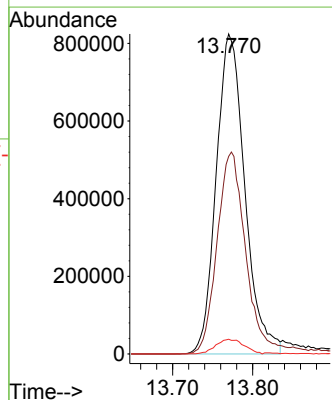
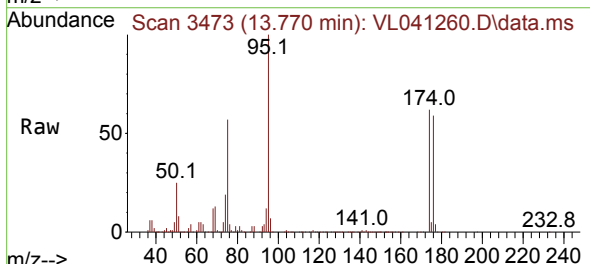
Instrument :
MSVOA_L
ClientSampleId :
VL0521ABL01

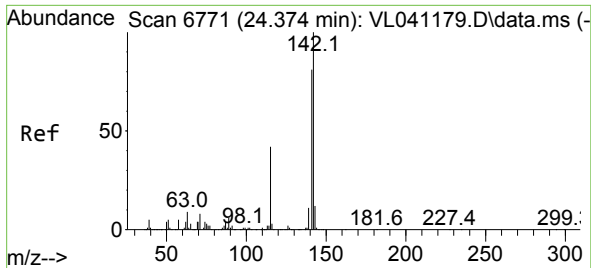
Tgt Ion:117 Resp: 2673191
Ion Ratio Lower Upper
117 100
82 65.8 53.6 80.4
119 32.7 27.2 40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.158 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.003 min
Lab File: VL041260.D
Acq: 21 May 2024 11:36

Tgt Ion: 95 Resp: 2050038
Ion Ratio Lower Upper
95 100
174 66.2 53.6 80.4
175 4.8 4.2 6.4





#80
 Naphthalene, 2-methyl-
 Concen: 0.030 ppbv
 RT: 24.381 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL041260.D
 Acq: 21 May 2024 11:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0521ABL01

Tgt Ion: 142 Resp: 3743
 Ion Ratio Lower Upper
 142 100
 141 98.5 67.9 101.9
 115 0.0 31.4 47.0#

