

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041378.D
 Acq On : 1 Jul 2024 21:55
 Operator : SY/MD
 Sample : CAN 10283
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 01 23:34:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 01 23:27:24 2024
 Response via : Initial Calibration

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

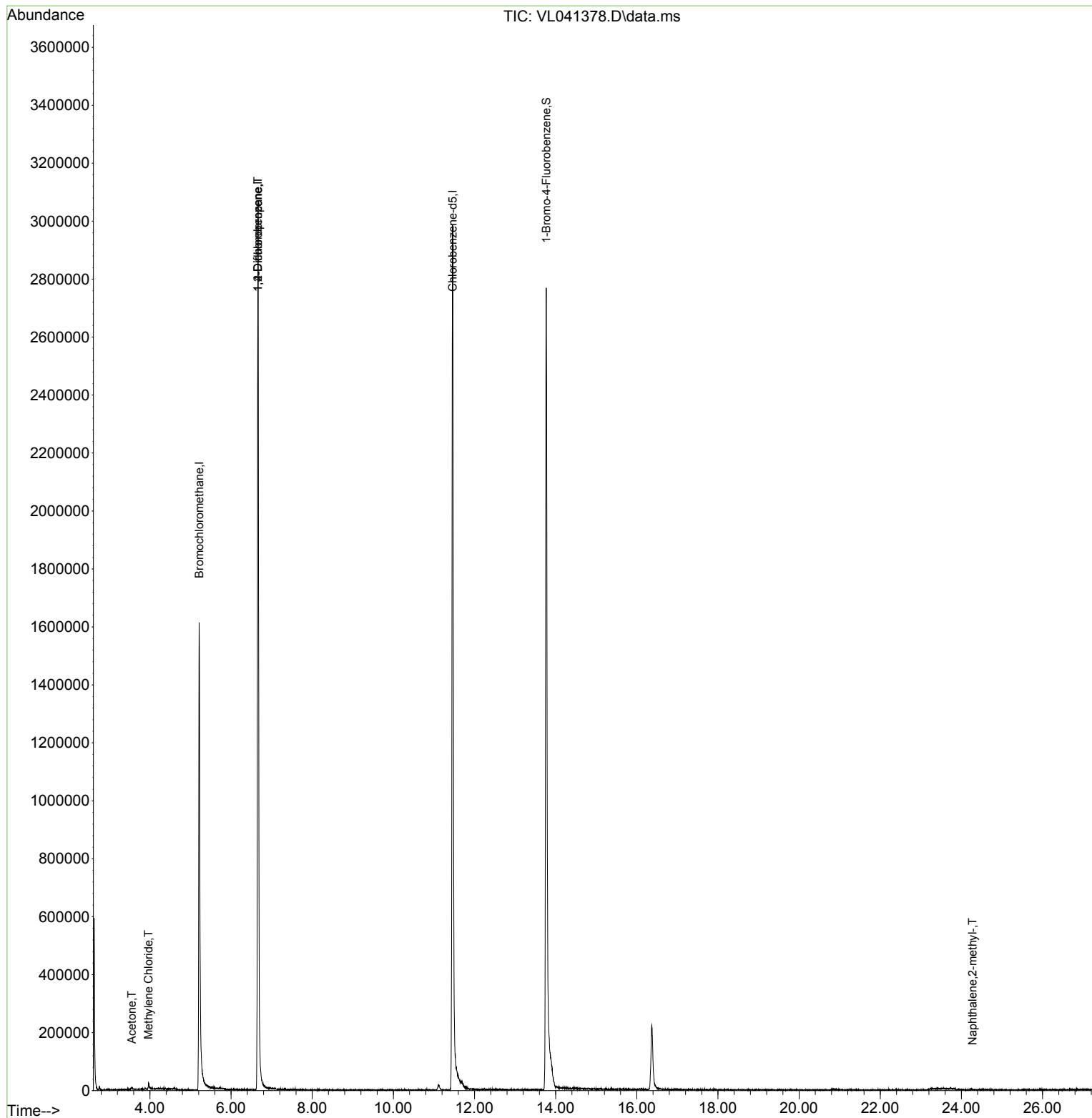
Internal Standards						
1) Bromochloromethane	5.214	49	872476	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2360085	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2021719	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1477348	9.750	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
					Qvalue	
15) Acetone	3.552	43	6306	0.055	ppbv #	68
20) Methylene Chloride	3.963	84	2153	0.051	ppbv #	87
39) 1,2-Dichloropropane	6.664	63	578981	7.671	ppbv #	22
80) Naphthalene,2-methyl-	24.275	142	32	0.089	ppbv #	38

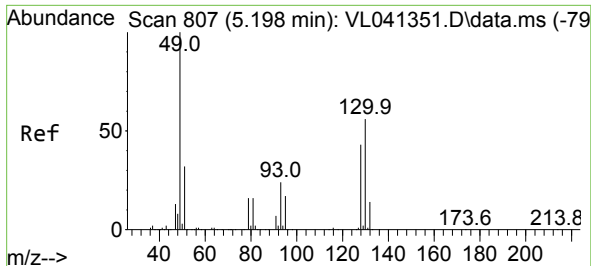
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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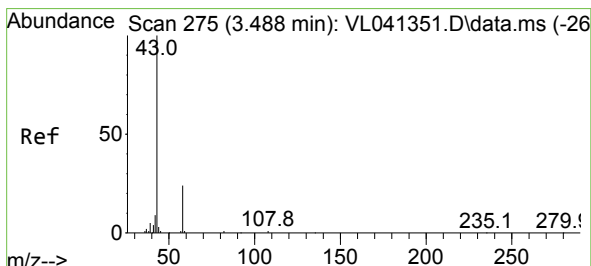
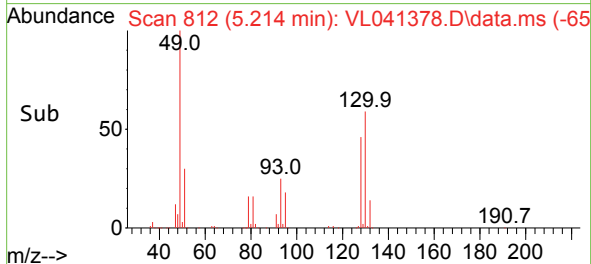
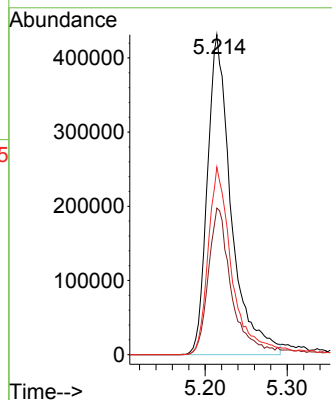
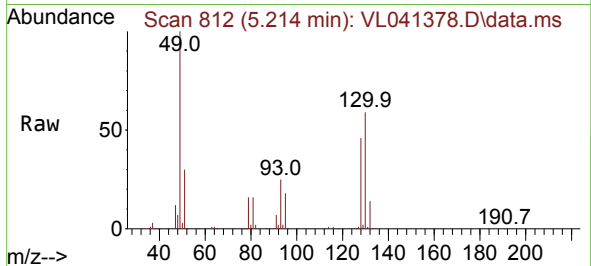




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.004 min
Lab File: VL041378.D
Acq: 1 Jul 2024 21:55

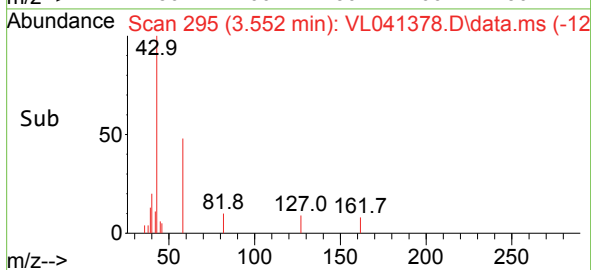
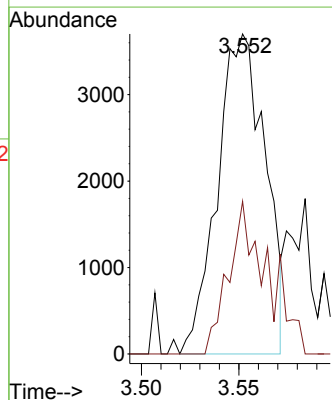
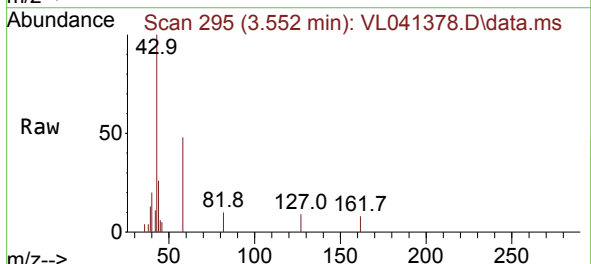
Instrument :
MSVOA_L
ClientSampleId :

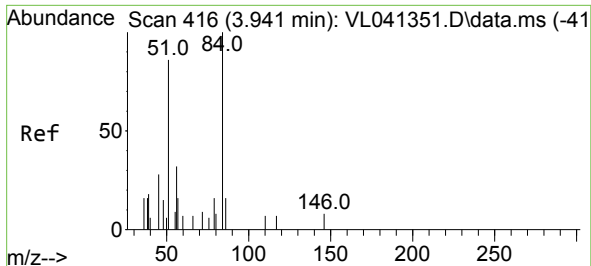
Tgt Ion: 49 Resp: 872476
Ion Ratio Lower Upper
49 100
128 47.8 22.8 68.3
130 60.1 28.9 86.7



#15
Acetone
Concen: 0.055 ppbv
RT: 3.552 min Scan# 295
Delta R.T. 0.048 min
Lab File: VL041378.D
Acq: 1 Jul 2024 21:55

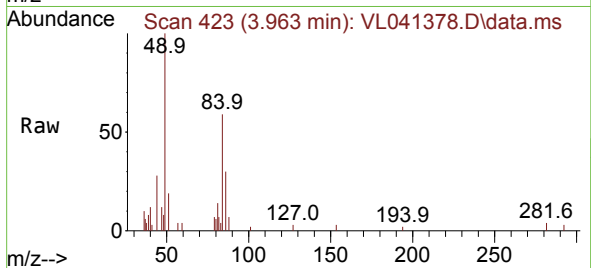
Tgt Ion: 43 Resp: 6306
Ion Ratio Lower Upper
43 100
58 41.5 20.3 30.5#





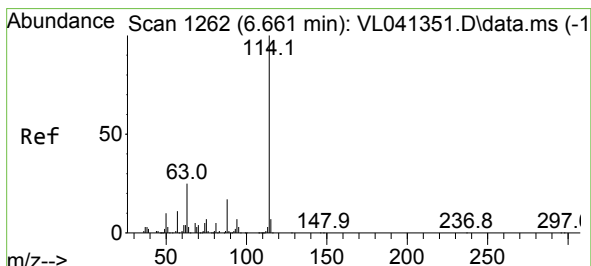
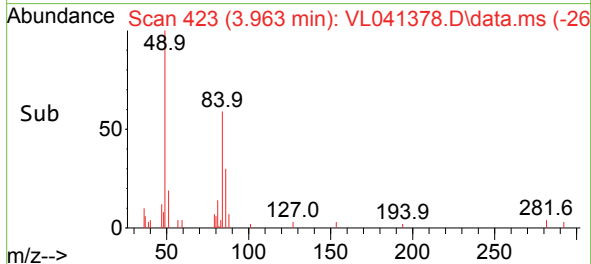
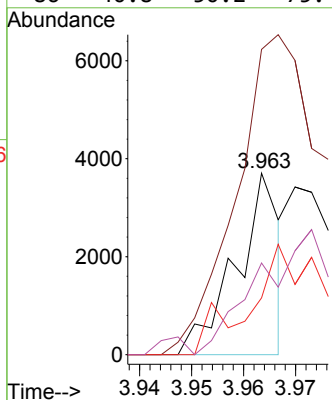
#20
Methylene Chloride
Concen: 0.051 ppbv
RT: 3.963 min Scan# 416
Delta R.T. -0.000 min
Lab File: VL041378.D
Acq: 1 Jul 2024 21:55

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 2153

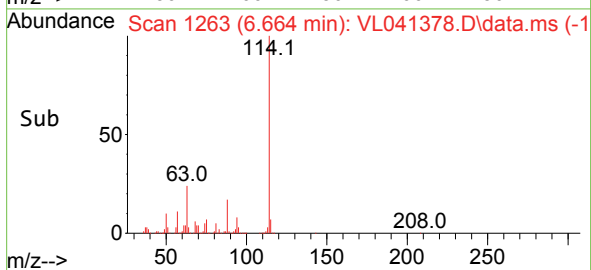
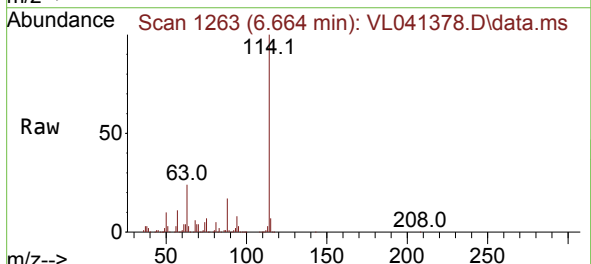
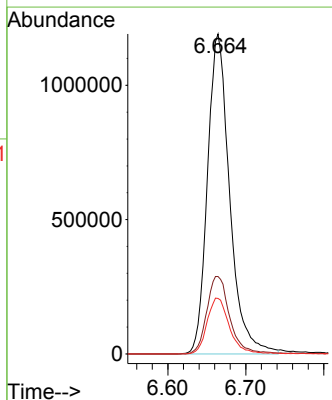
Ion	Ratio	Lower	Upper
84	100		
49	161.4	131.8	197.6
51	31.3	39.6	59.4#
86	40.8	50.2	75.4#

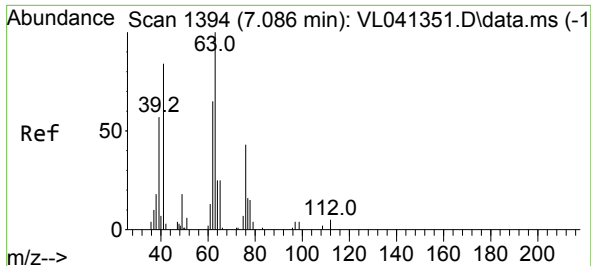


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. -0.007 min
Lab File: VL041378.D
Acq: 1 Jul 2024 21:55

Tgt Ion: 114 Resp: 2360085

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.6	31.0
88	17.7	14.6	21.8





#39

1,2-Dichloropropane

Concen: 7.671 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.425 min

Lab File: VL041378.D

Acq: 1 Jul 2024 21:55

Instrument :

MSVOA_L

ClientSampleId :

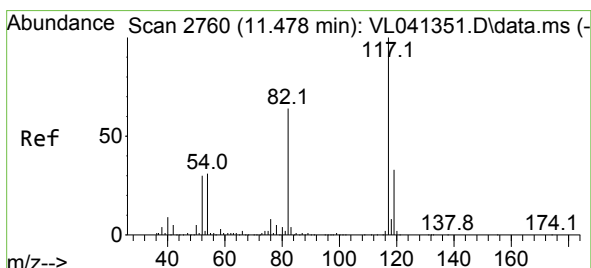
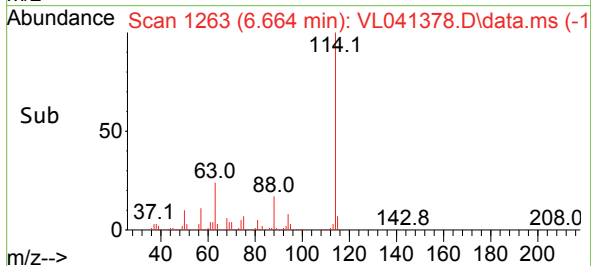
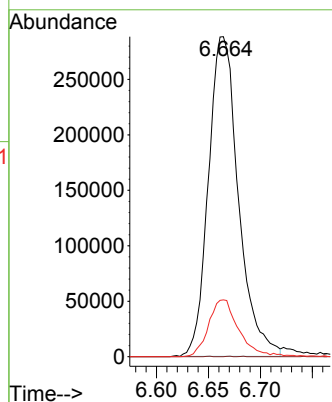
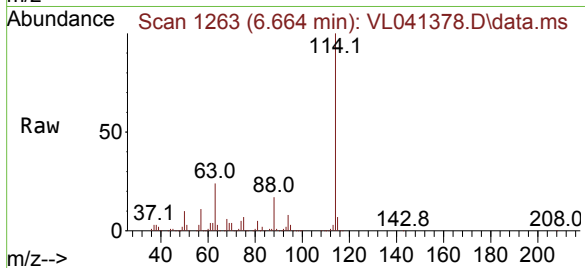
Tgt Ion: 63 Resp: 578981

Ion Ratio Lower Upper

63 100

41 0.0 64.0 96.0#

62 17.8 55.2 82.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.010 min

Lab File: VL041378.D

Acq: 1 Jul 2024 21:55

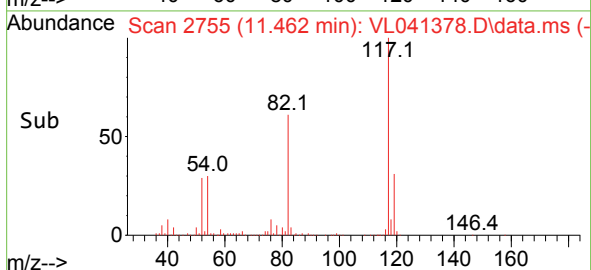
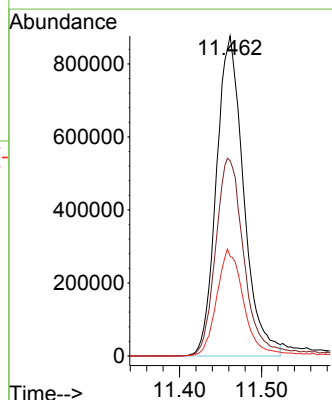
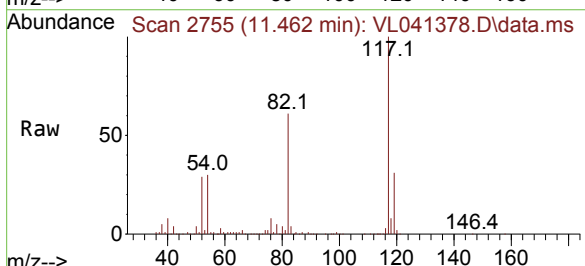
Tgt Ion: 117 Resp: 2021719

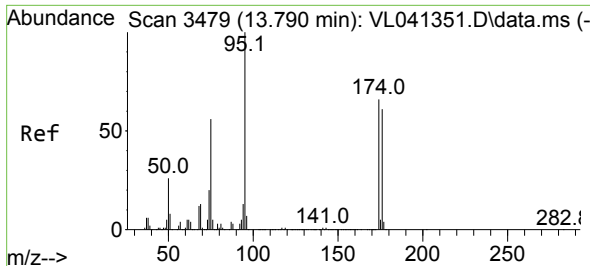
Ion Ratio Lower Upper

117 100

82 66.6 50.6 75.8

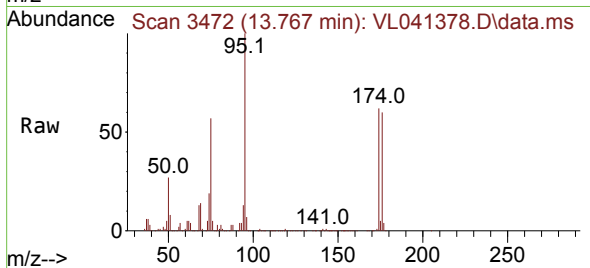
119 33.8 24.7 37.1



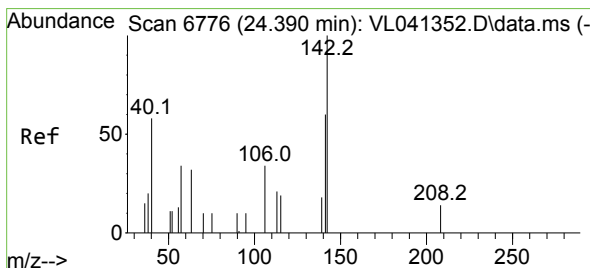
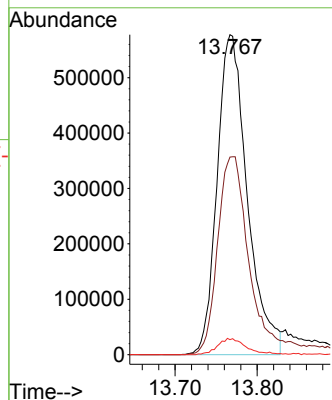
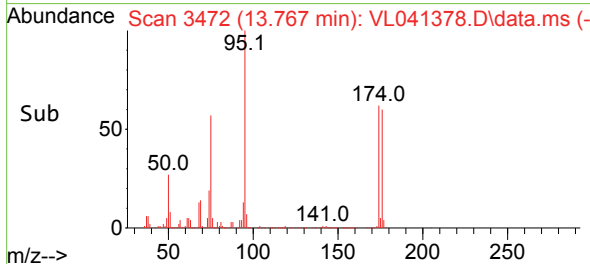


#68
1-Bromo-4-Fluorobenzene
Concen: 9.750 ppbv
RT: 13.767 min Scan# 3479
Delta R.T. -0.010 min
Lab File: VL041378.D
Acq: 1 Jul 2024 21:55

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 95 Resp: 1477348
Ion Ratio Lower Upper
95 100
174 69.6 53.1 79.7
175 5.0 4.0 6.0



#80
Naphthalene,2-methyl-
Concen: 0.089 ppbv
RT: 24.275 min Scan# 6740
Delta R.T. -0.097 min
Lab File: VL041378.D
Acq: 1 Jul 2024 21:55

Tgt Ion:142 Resp: 32
Ion Ratio Lower Upper
142 100
141 0.0 37.9 56.9#
115 0.0 11.0 16.4#

