

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031224\
 Data File : VL041092.D
 Acq On : 12 Mar 2024 10:33
 Operator : SY/MD
 Sample : VL0312ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0312ABL01

Quant Time: Mar 13 01:26:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 13 01:22:02 2024
 Response via : Initial Calibration

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

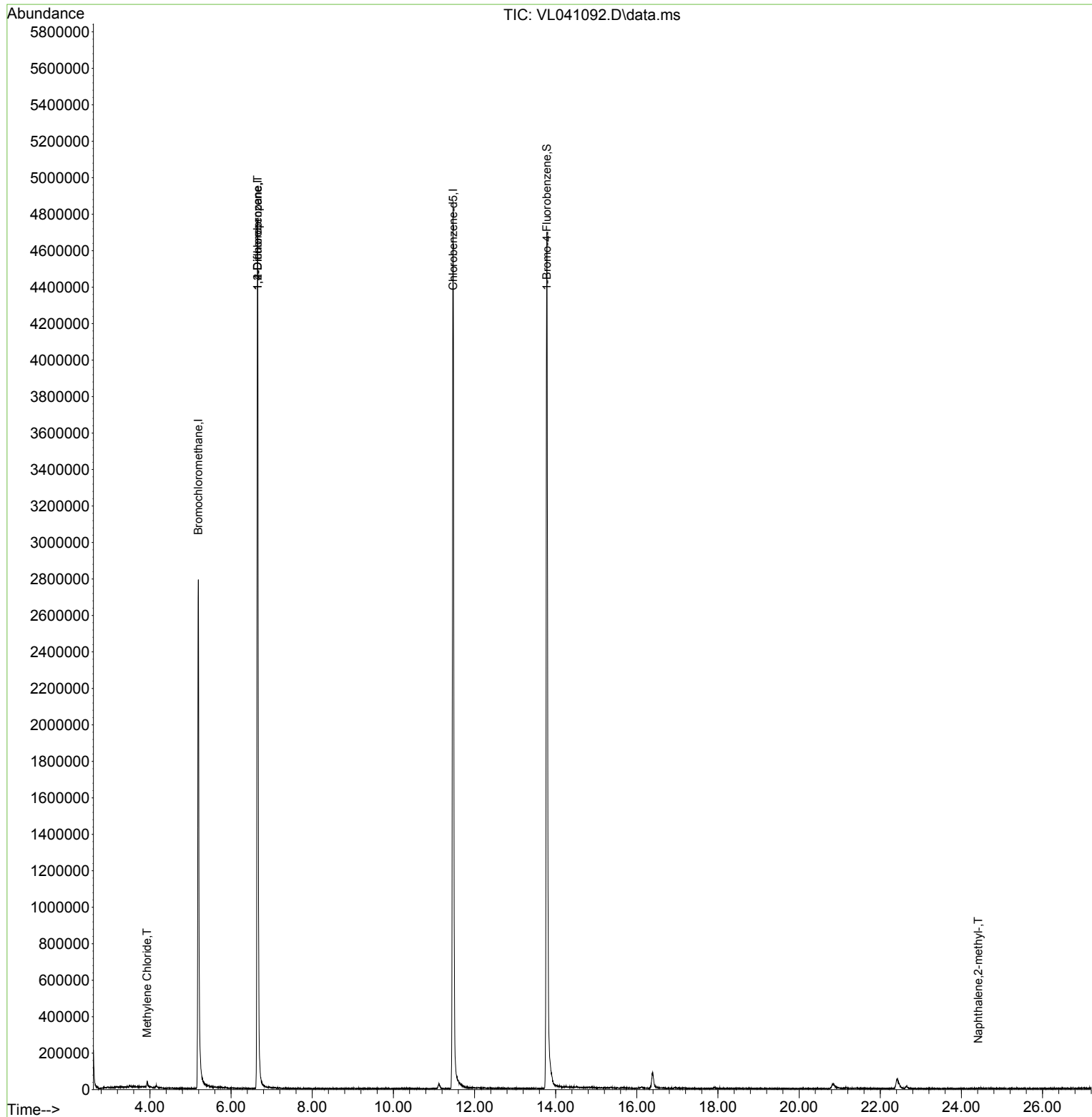
Internal Standards						
1) Bromochloromethane	5.192	49	1412585	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	3705826	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	3259562	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2488049	9.763	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.928	84	4920	0.078	ppbv #	65
39) 1,2-Dichloropropane	6.652	63	927042	8.402	ppbv #	23
80) Naphthalene,2-methyl-	24.413	142	1461	0.044	ppbv #	36

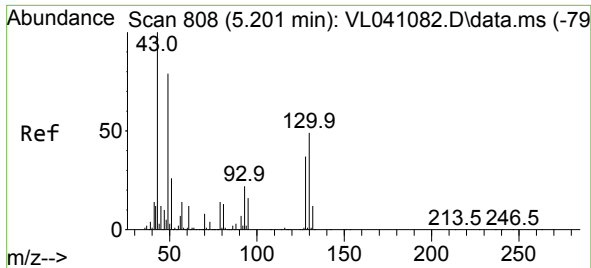
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031224\
Data File : VL041092.D
Acq On : 12 Mar 2024 10:33
Operator : SY/MD
Sample : VL0312ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0312ABL01

Quant Time: Mar 13 01:26:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Mar 13 01:22:02 2024
Response via : Initial Calibration

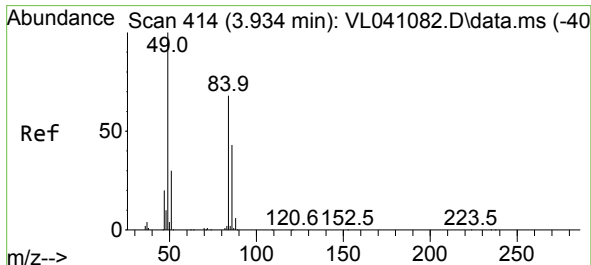
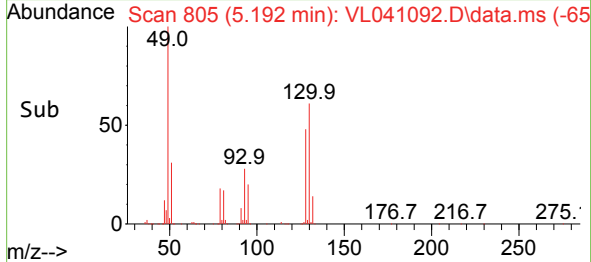
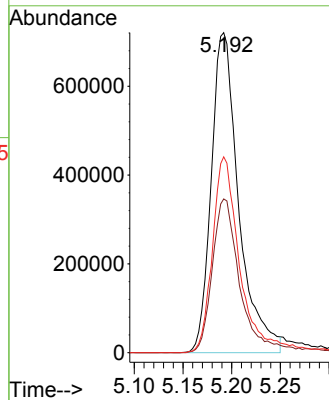
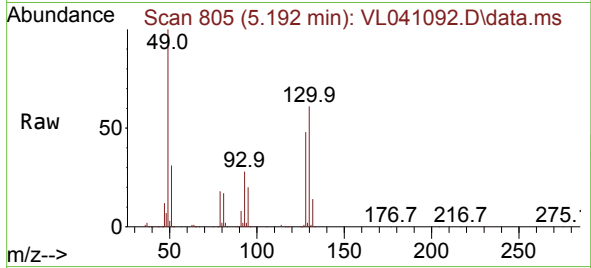




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 808
Delta R.T. -0.000 min
Lab File: VL041092.D
Acq: 12 Mar 2024 10:33

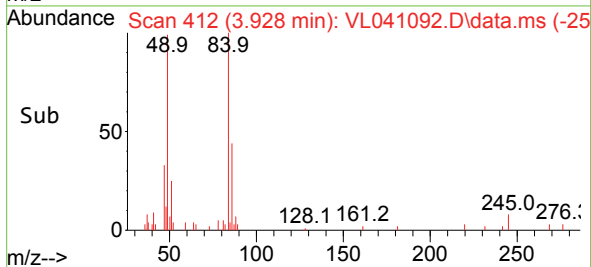
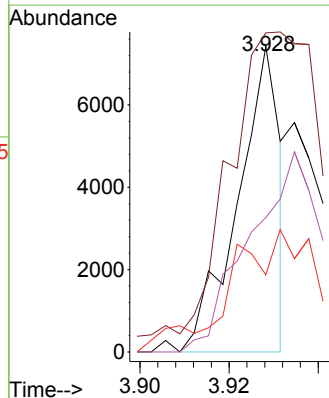
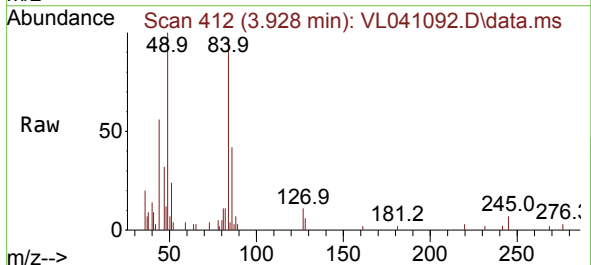
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABL01

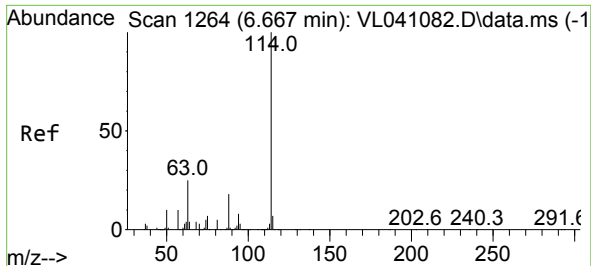
Tgt Ion: 49 Resp: 1412585
Ion Ratio Lower Upper
49 100
128 49.6 23.8 71.5
130 62.3 30.3 90.9



#20
Methylene Chloride
Concen: 0.078 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.000 min
Lab File: VL041092.D
Acq: 12 Mar 2024 10:33

Tgt Ion: 84 Resp: 4920
Ion Ratio Lower Upper
84 100
49 98.5 117.0 175.6#
51 16.7 34.9 52.3#
86 44.0 49.8 74.6#

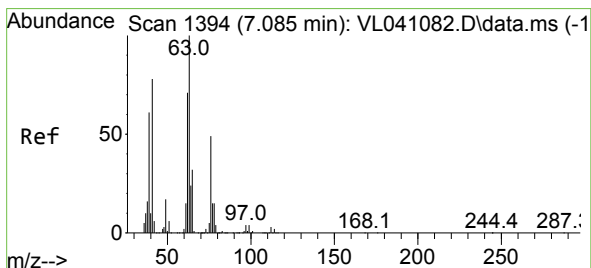
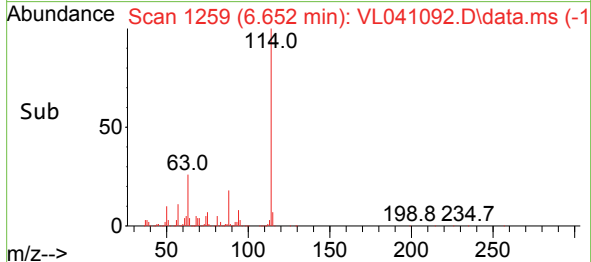
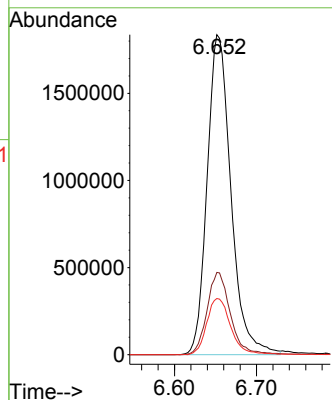
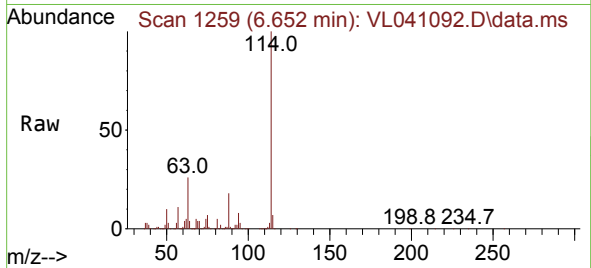




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL041092.D
Acq: 12 Mar 2024 10:33

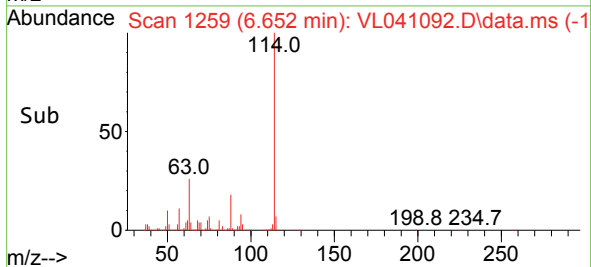
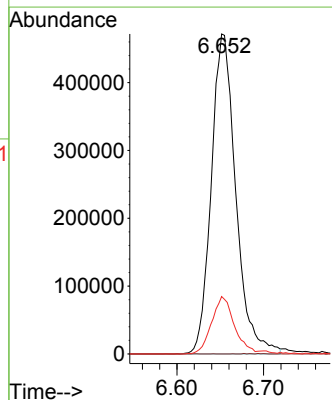
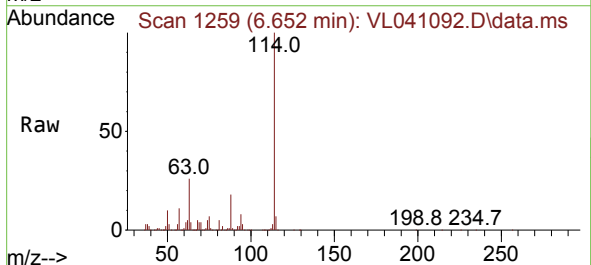
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABL01

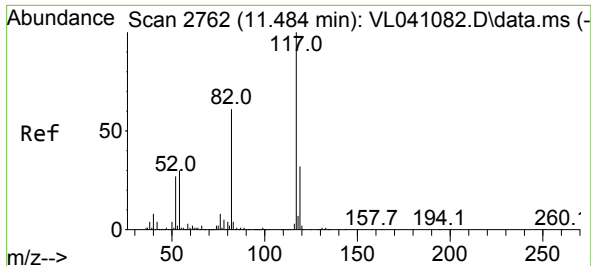
Tgt Ion:114 Resp: 3705826
Ion Ratio Lower Upper
114 100
63 25.5 21.0 31.6
88 17.9 14.6 22.0



#39
1,2-Dichloropropane
Concen: 8.402 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.424 min
Lab File: VL041092.D
Acq: 12 Mar 2024 10:33

Tgt Ion: 63 Resp: 927042
Ion Ratio Lower Upper
63 100
41 0.0 62.2 93.4#
62 17.9 57.0 85.4#

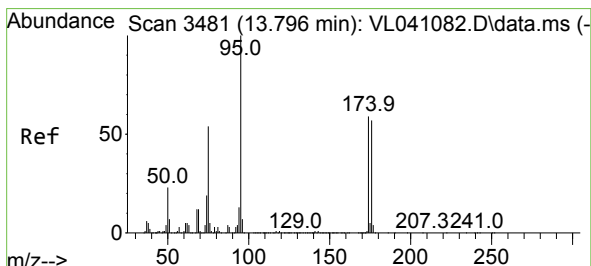
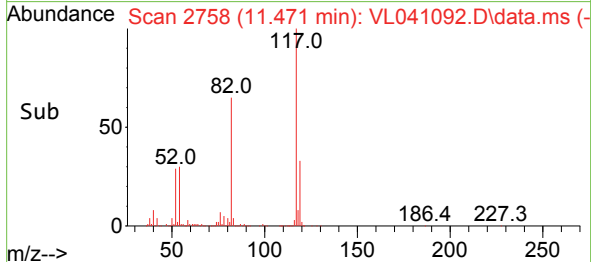
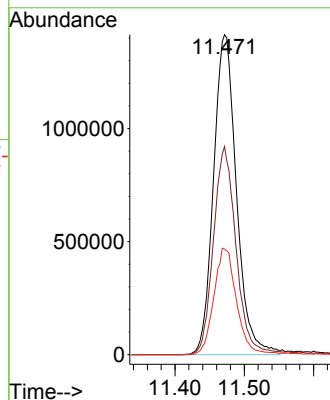
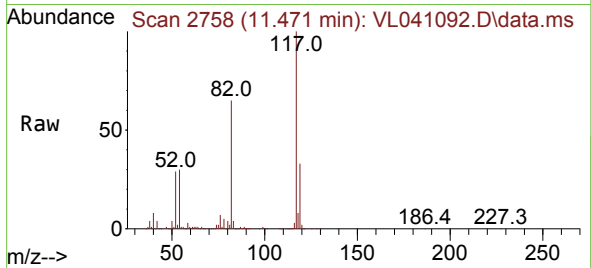




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041092.D
Acq: 12 Mar 2024 10:33

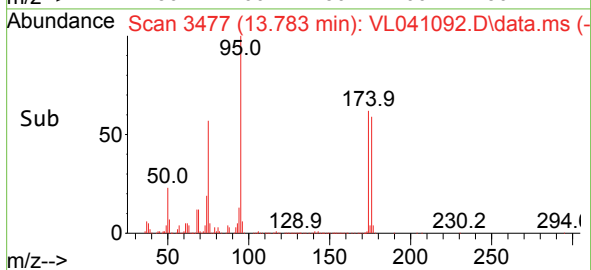
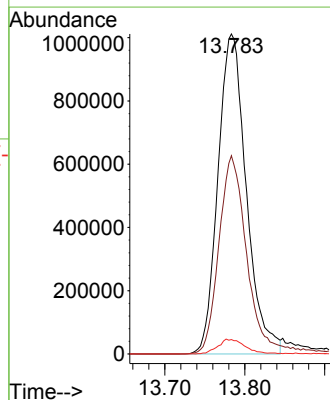
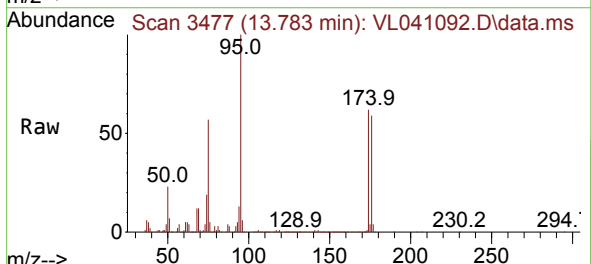
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABL01

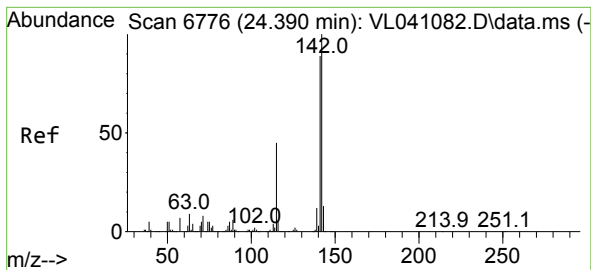
Tgt Ion:117 Resp: 3259562
Ion Ratio Lower Upper
117 100
82 64.9 51.4 77.2
119 33.4 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 9.763 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VL041092.D
Acq: 12 Mar 2024 10:33

Tgt Ion: 95 Resp: 2488049
Ion Ratio Lower Upper
95 100
174 62.5 47.8 71.8
175 4.5 3.5 5.3





#80

Naphthalene, 2-methyl-

Concen: 0.044 ppbv

RT: 24.413 min Scan# 61

Delta R.T. 0.032 min

Lab File: VL041092.D

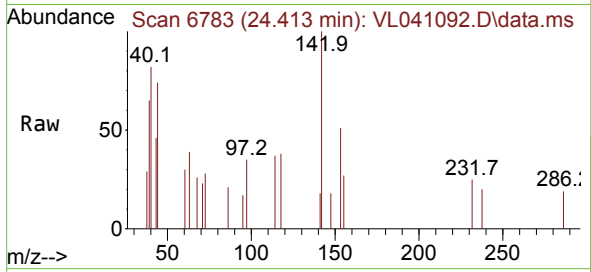
Acq: 12 Mar 2024 10:33

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABL01



Tgt Ion:142 Resp: 1461

Ion Ratio Lower Upper

142 100

141 0.0 61.3 91.9#

115 29.9 35.4 53.2#

