

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040978.D
 Acq On : 15 Jan 2024 20:08
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 16 12:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 16 03:31:29 2024
 Response via : Initial Calibration

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

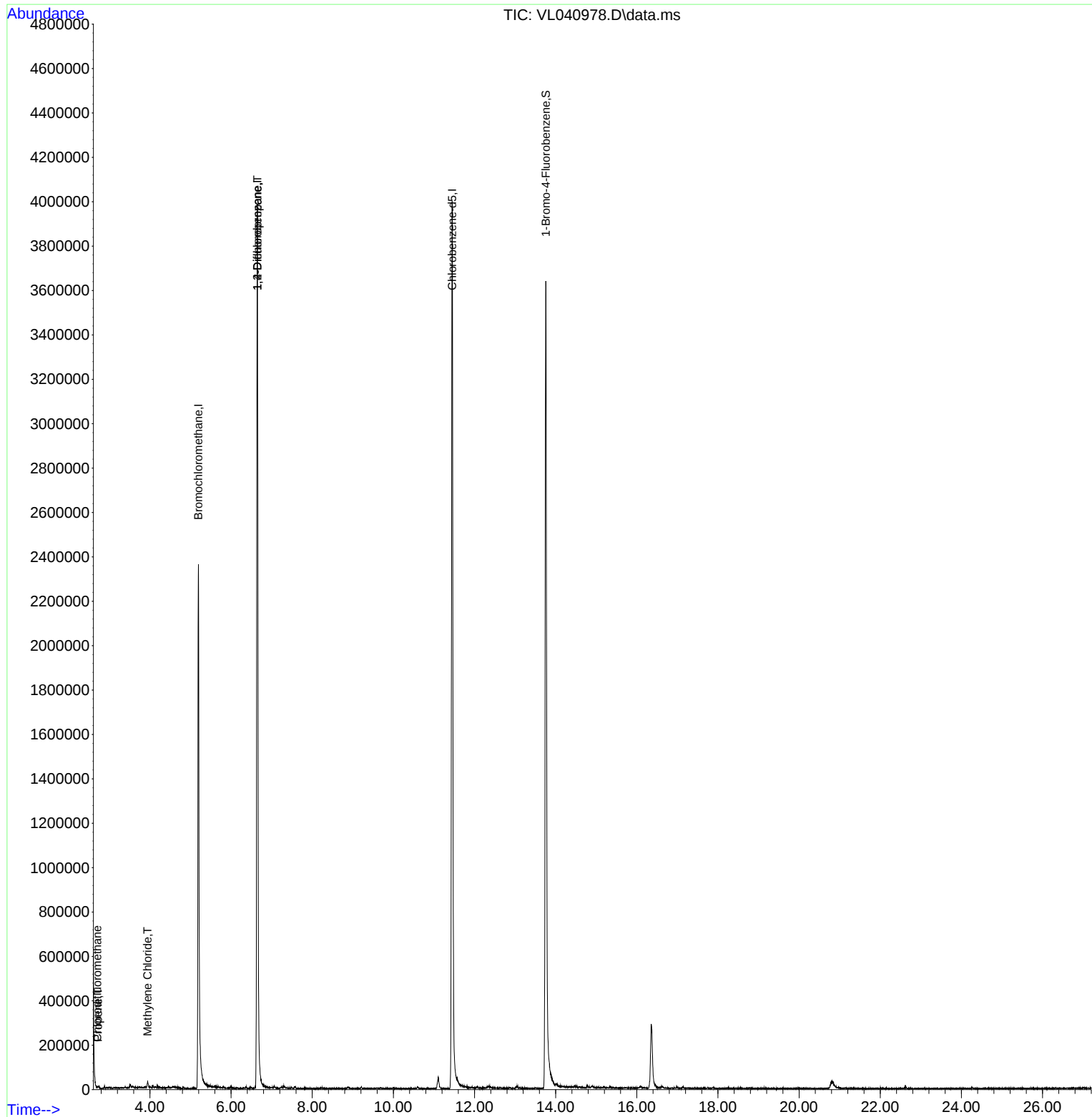
Internal Standards						
1) Bromochloromethane	5.195	49	1230318	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3249163	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2766285	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1929528	9.470	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.700	51	4227	0.023	ppbv	97
9) Propene	2.722	41	3248	0.053	ppbv	83
20) Methylene Chloride	3.944	84	6837	0.130	ppbv	89
39) 1,2-Dichloropropane	6.645	63	781057	7.825	ppbv #	23

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

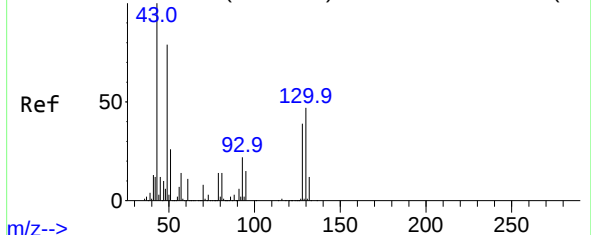
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
Data File : VL040978.D
Acq On : 15 Jan 2024 20:08
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

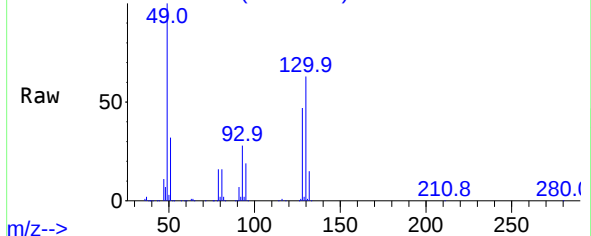
Quant Time: Jan 16 12:44:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Jan 16 03:31:29 2024
Response via : Initial Calibration



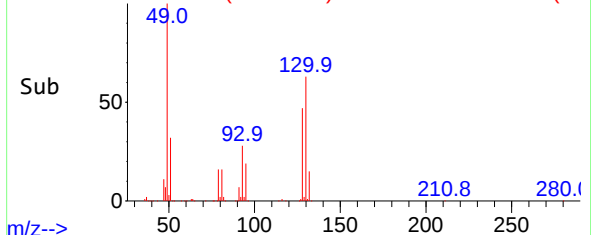
Abundance Scan 800 (5.176 min): VL040914.D\data.ms (-78



m/z--> Scan 806 (5.195 min): VL040978.D\data.ms

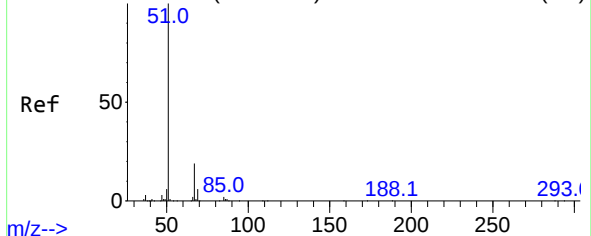


Abundance Scan 806 (5.195 min): VL040978.D\data.ms (-65

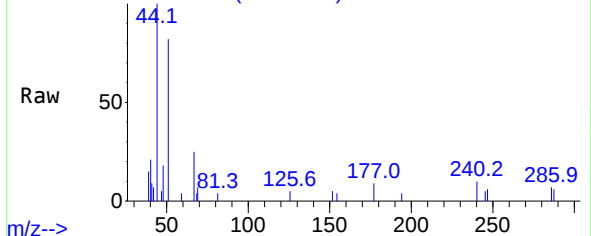


m/z-->

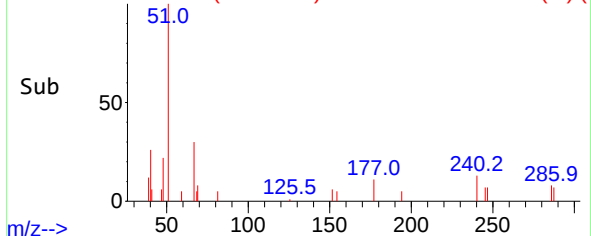
Abundance Scan 21 (2.671 min): VL040914.D\data.ms (-10)



m/z--> Scan 30 (2.700 min): VL040978.D\data.ms



Abundance Scan 30 (2.700 min): VL040978.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.195 min Scan# 80

Delta R.T. 0.000 min

Lab File: VL040978.D

Acq: 15 Jan 2024 20:08

Instrument :

MSVOA_L

ClientSampleId :

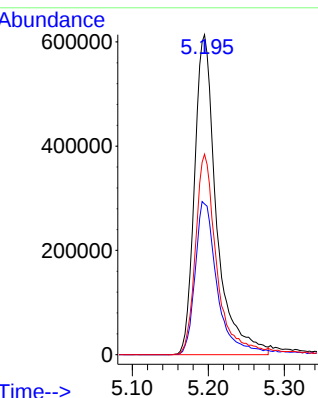
Tgt Ion: 49 Resp: 1230318

Ion Ratio Lower Upper

49 100

128 49.5 23.8 71.2

130 63.5 30.1 90.5



#3

Chlorodifluoromethane

Concen: 0.023 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.016 min

Lab File: VL040978.D

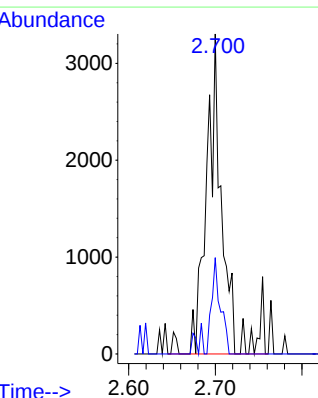
Acq: 15 Jan 2024 20:08

Tgt Ion: 51 Resp: 4227

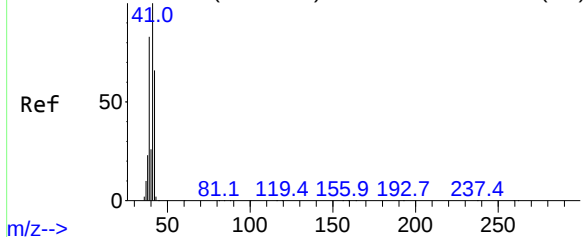
Ion Ratio Lower Upper

51 100

67 19.8 14.7 22.1



Abundance Scan 27 (2.690 min): VL040914.D\data.ms (-18)



#9

Propene

Concen: 0.053 ppbv

RT: 2.722 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL040978.D

Acq: 15 Jan 2024 20:08

Instrument :

MSVOA_L

ClientSampleId :

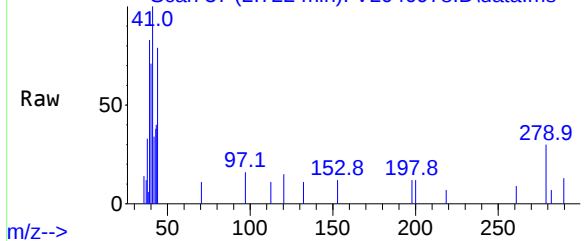
Tgt Ion: 41 Resp: 3248

Ion Ratio Lower Upper

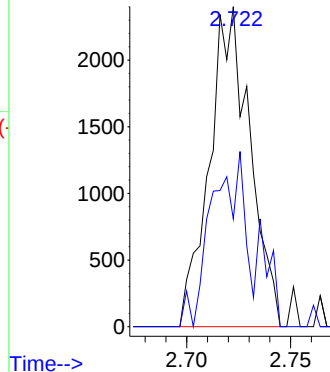
41 100

42 55.9 55.8 83.6

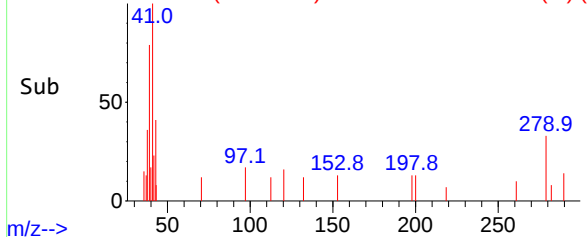
Abundance Scan 37 (2.722 min): VL040978.D\data.ms



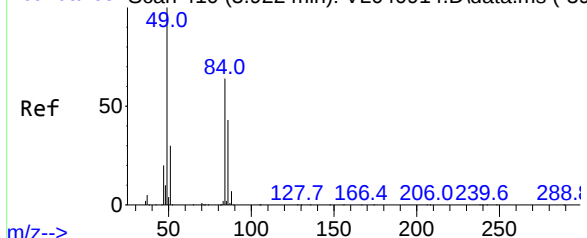
Abundance



Abundance Scan 37 (2.722 min): VL040978.D\data.ms (-1)



Abundance Scan 410 (3.922 min): VL040914.D\data.ms (-39)



#20

Methylene Chloride

Concen: 0.130 ppbv

RT: 3.944 min Scan# 417

Delta R.T. -0.007 min

Lab File: VL040978.D

Acq: 15 Jan 2024 20:08

Tgt Ion: 84 Resp: 6837

Ion Ratio Lower Upper

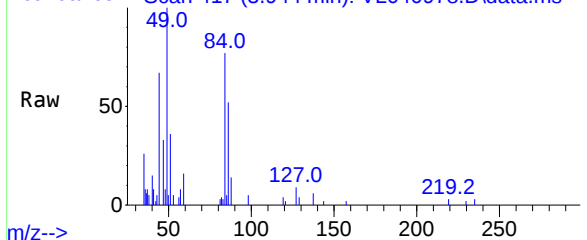
84 100

49 133.0 124.6 187.0

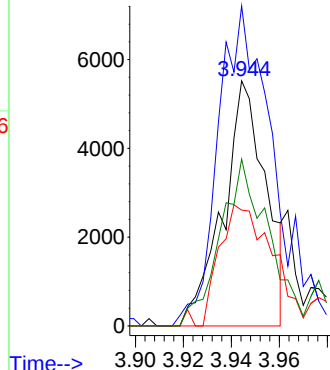
51 47.3 37.2 55.8

86 68.1 53.4 80.0

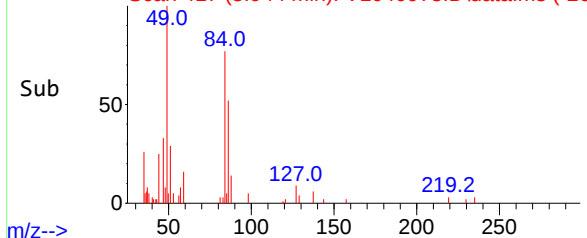
Abundance Scan 417 (3.944 min): VL040978.D\data.ms

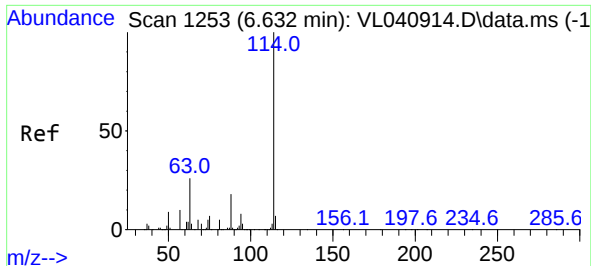


Abundance



Abundance Scan 417 (3.944 min): VL040978.D\data.ms (-26)





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040978.D

Acq: 15 Jan 2024 20:08

Instrument :

MSVOA_L

ClientSampleId :

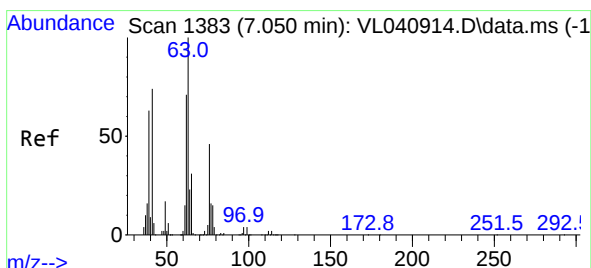
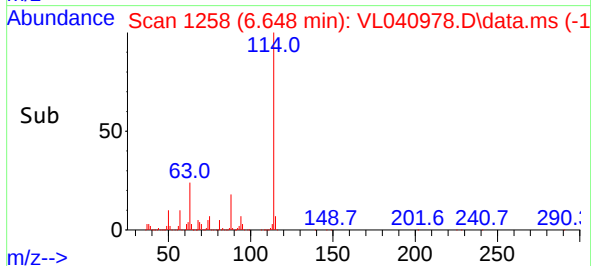
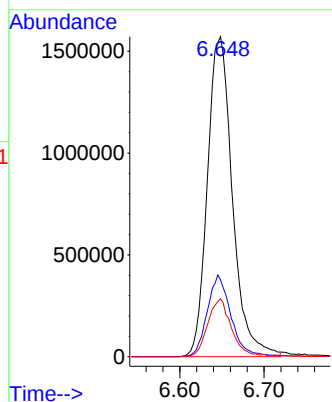
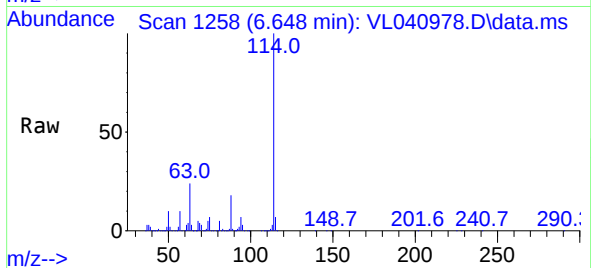
Tgt Ion:114 Resp: 3249163

Ion Ratio Lower Upper

114 100

63 24.4 21.0 31.6

88 17.4 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.825 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.415 min

Lab File: VL040978.D

Acq: 15 Jan 2024 20:08

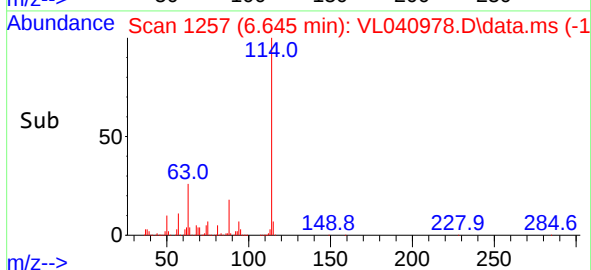
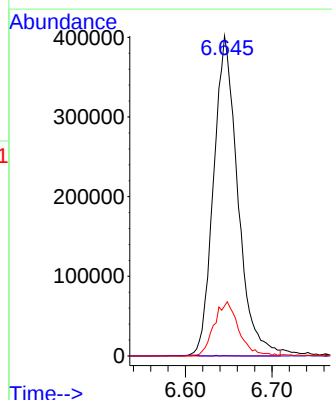
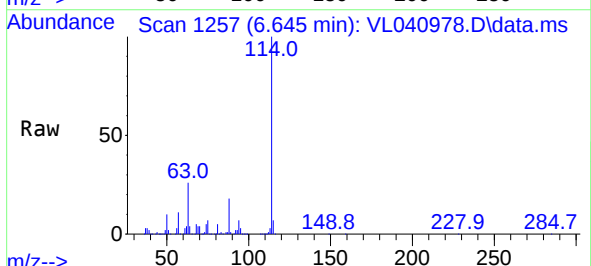
Tgt Ion: 63 Resp: 781057

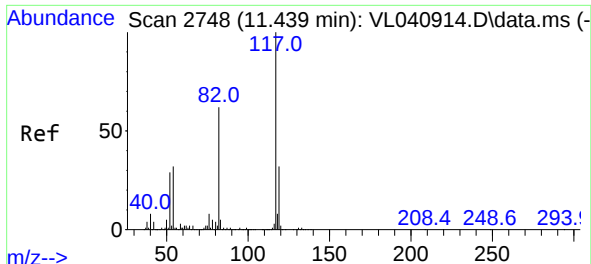
Ion Ratio Lower Upper

63 100

41 0.1 59.0 88.6#

62 15.6 56.6 85.0#

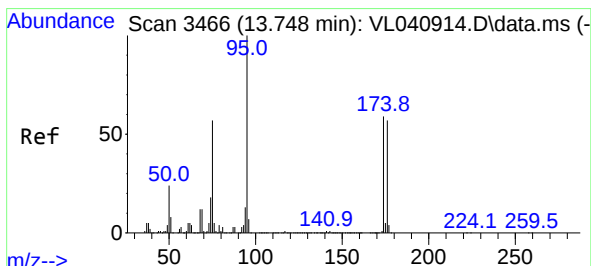
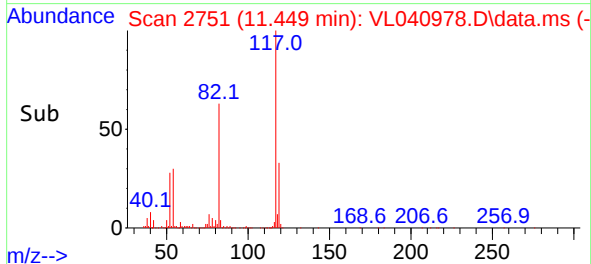
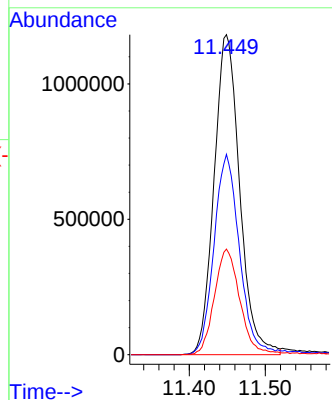
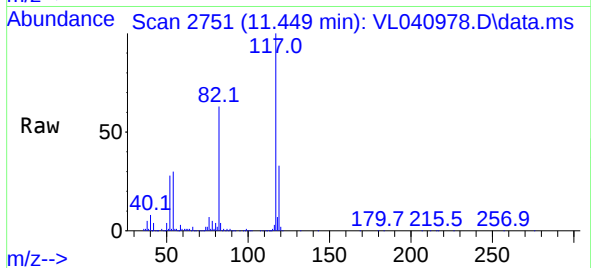




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040978.D
Acq: 15 Jan 2024 20:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2766285
Ion Ratio Lower Upper
117 100
82 63.3 49.6 74.4
119 33.1 23.4 35.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.470 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.019 min
Lab File: VL040978.D
Acq: 15 Jan 2024 20:08

Tgt Ion: 95 Resp: 1929528
Ion Ratio Lower Upper
95 100
174 66.6 48.0 72.0
175 5.0 3.7 5.5

