

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040047.D
 Acq On : 20 Dec 2022 3:20
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Dec 20 05:19:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

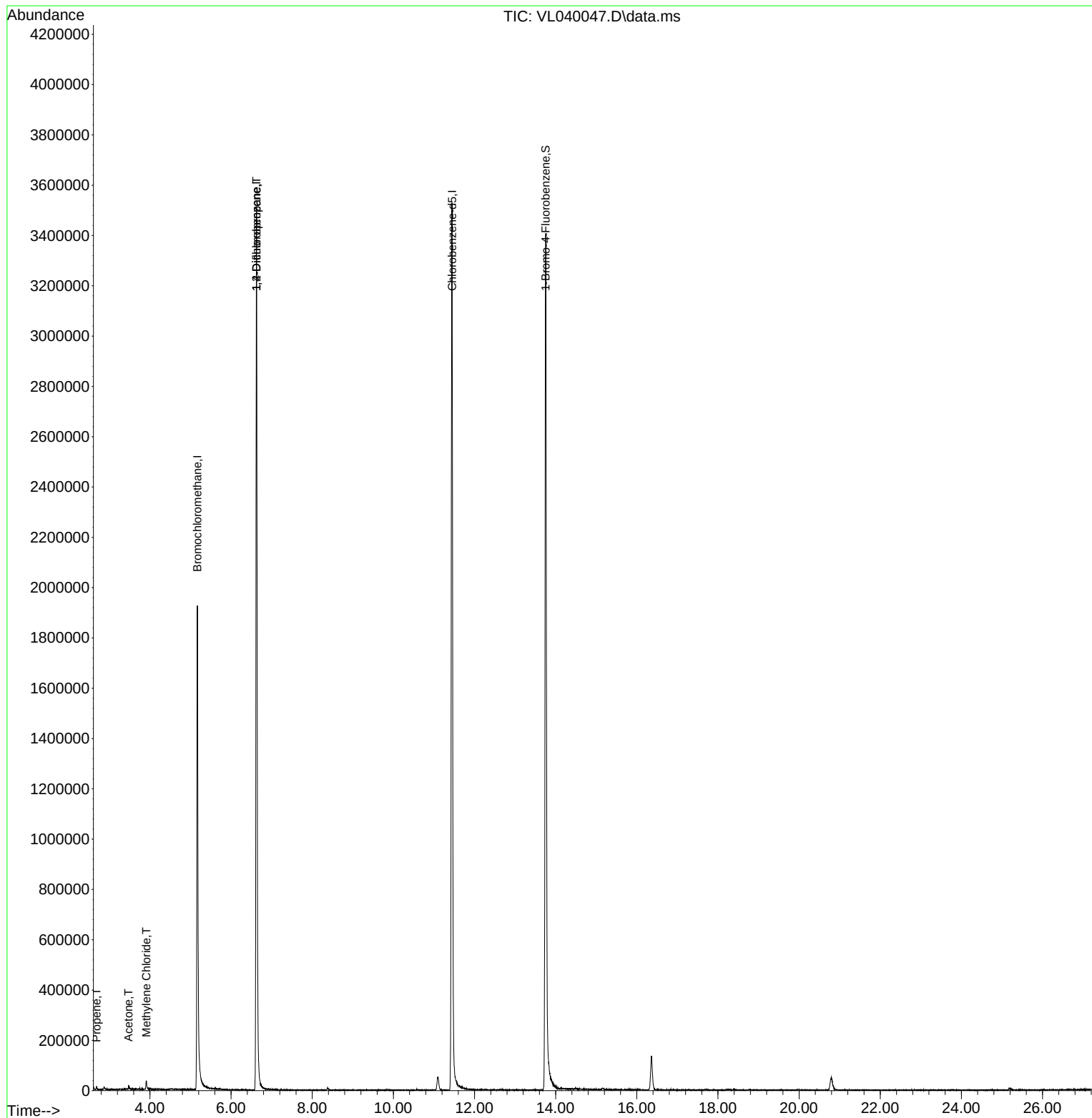
Internal Standards						
1) Bromochloromethane	5.166	49	999900	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	2809124	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2425348	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1806363	9.750	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
					Qvalue	
9) Propene	2.684	41	2468	0.039	ppbv	85
15) Acetone	3.472	43	5763	0.037	ppbv #	48
20) Methylene Chloride	3.912	84	9941	0.151	ppbv #	71
39) 1,2-Dichloropropane	6.626	63	679061	7.221	ppbv #	24

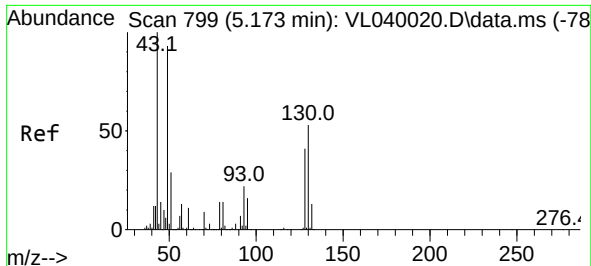
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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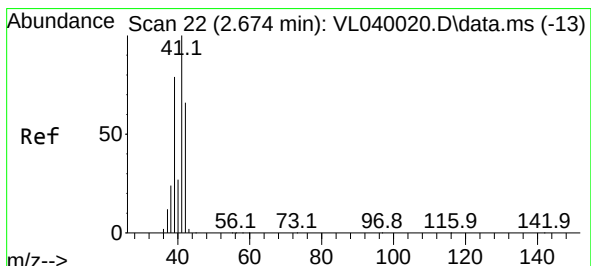
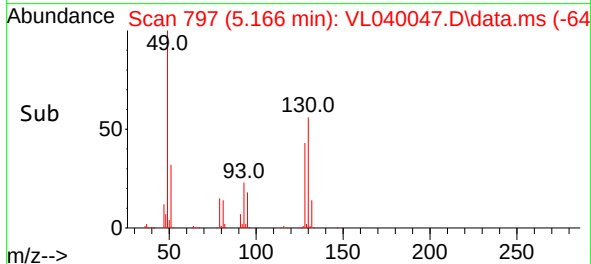
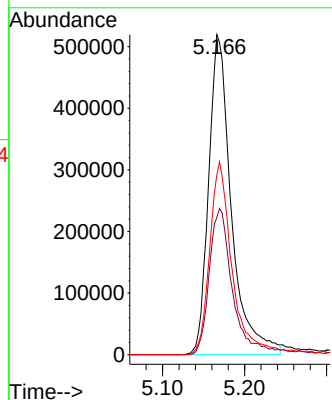
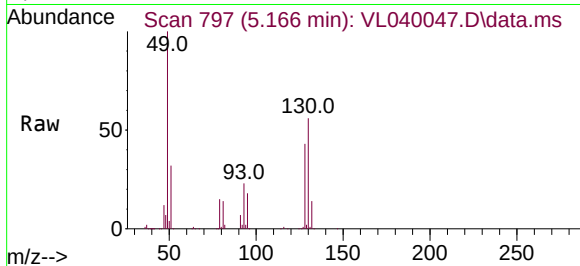




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 799
Delta R.T. -0.007 min
Lab File: VL040047.D
Acq: 20 Dec 2022 3:20

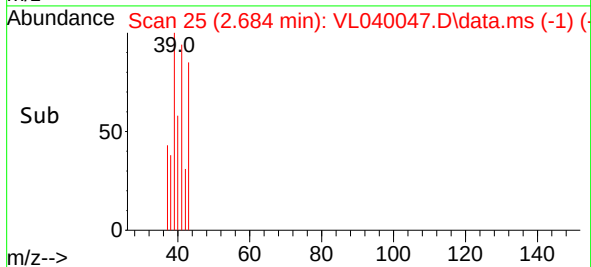
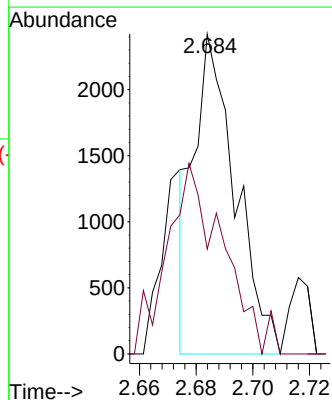
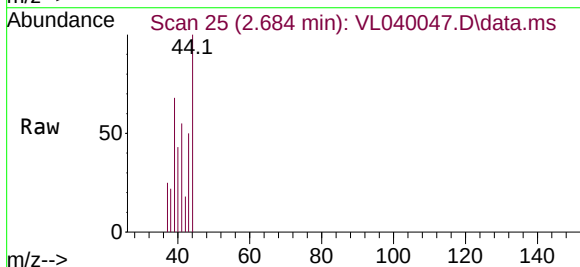
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

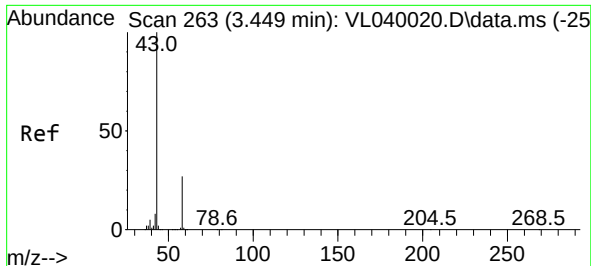
Tgt Ion: 49 Resp: 999900
Ion Ratio Lower Upper
49 100
128 49.2 22.4 67.3
130 61.6 28.9 86.8



#9
Propene
Concen: 0.039 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.010 min
Lab File: VL040047.D
Acq: 20 Dec 2022 3:20

Tgt Ion: 41 Resp: 2468
Ion Ratio Lower Upper
41 100
42 80.4 54.8 82.2





#15

Acetone

Concen: 0.037 ppbv

RT: 3.472 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL040047.D

Acq: 20 Dec 2022 3:20

Instrument :

MSVOA_L

ClientSampleId :

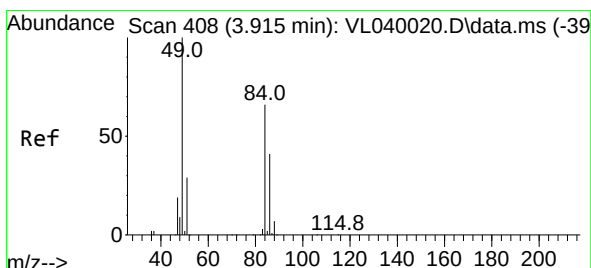
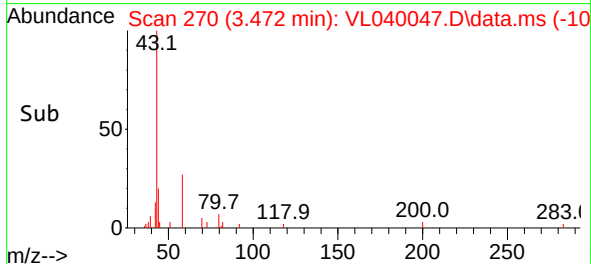
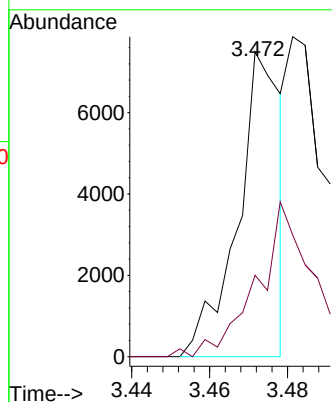
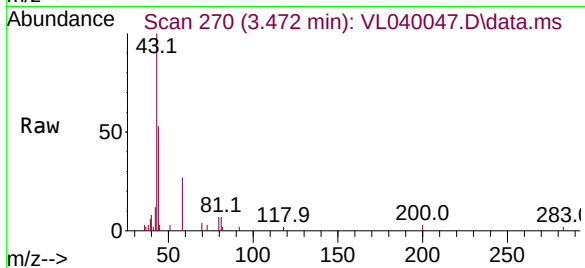
VIBLK

Tgt Ion: 43 Resp: 5763

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.8#



#20

Methylene Chloride

Concen: 0.151 ppbv

RT: 3.912 min Scan# 407

Delta R.T. -0.003 min

Lab File: VL040047.D

Acq: 20 Dec 2022 3:20

Tgt Ion: 84 Resp: 9941

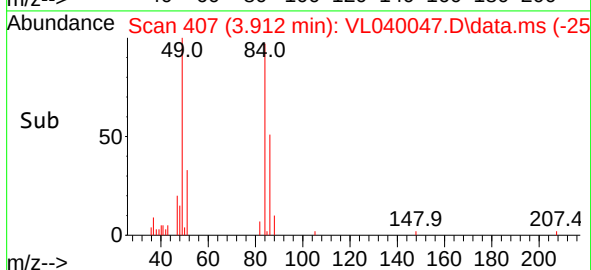
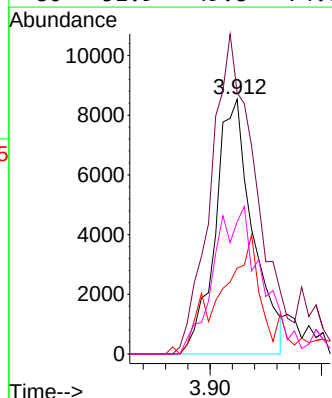
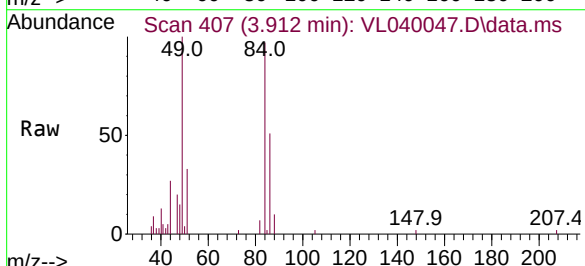
Ion Ratio Lower Upper

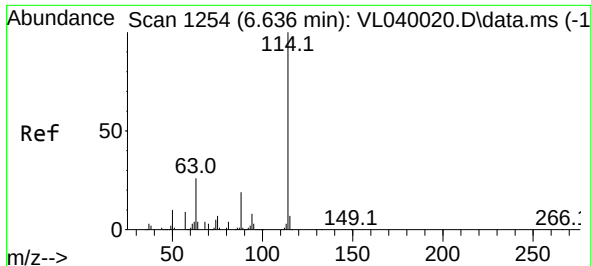
84 100

49 99.9 120.5 180.7#

51 33.7 35.2 52.8#

86 51.9 49.8 74.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040047.D

Acq: 20 Dec 2022 3:20

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

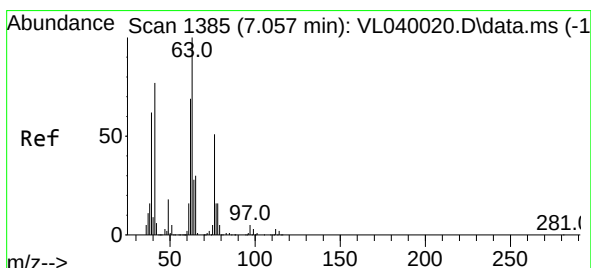
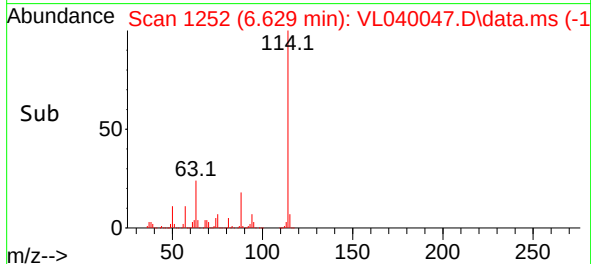
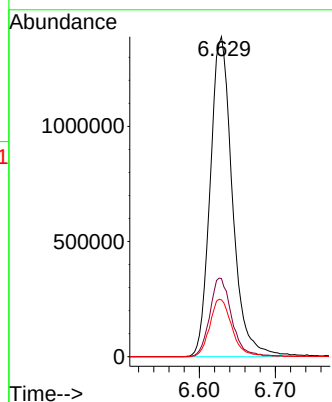
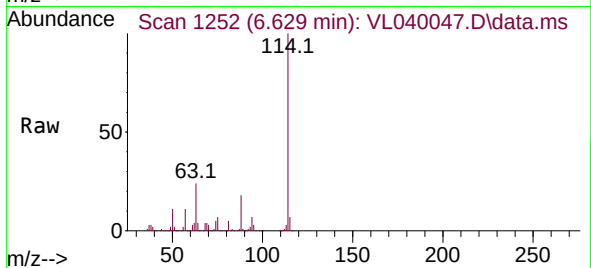
Tgt Ion:114 Resp: 2809124

Ion Ratio Lower Upper

114 100

63 24.6 20.2 30.2

88 18.2 14.6 21.8



#39

1,2-Dichloropropane

Concen: 7.221 ppbv

RT: 6.626 min Scan# 1251

Delta R.T. -0.431 min

Lab File: VL040047.D

Acq: 20 Dec 2022 3:20

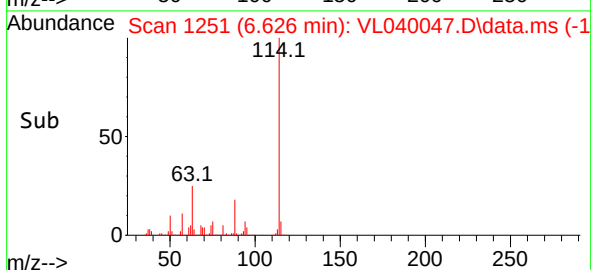
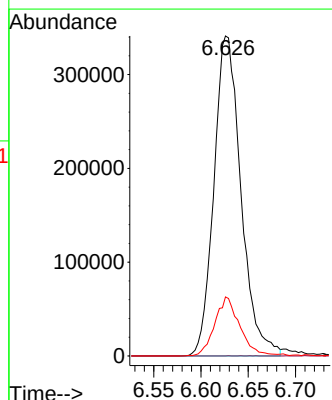
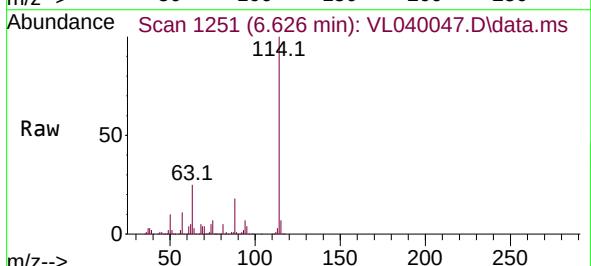
Tgt Ion: 63 Resp: 679061

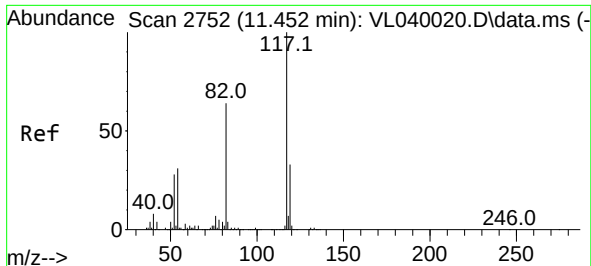
Ion Ratio Lower Upper

63 100

41 0.0 61.4 92.0#

62 18.4 55.4 83.2#

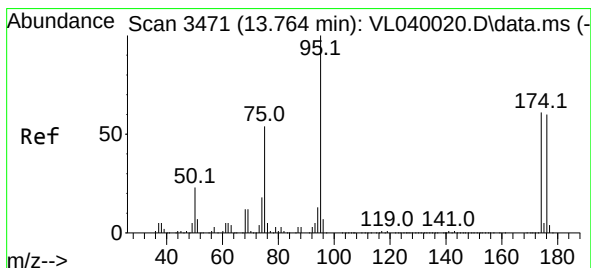
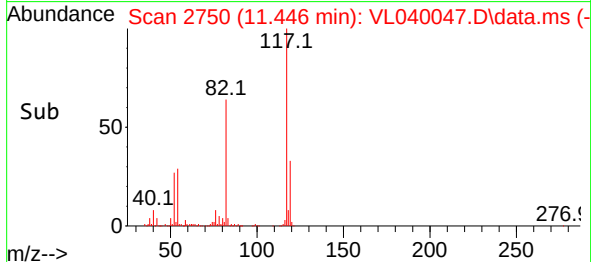
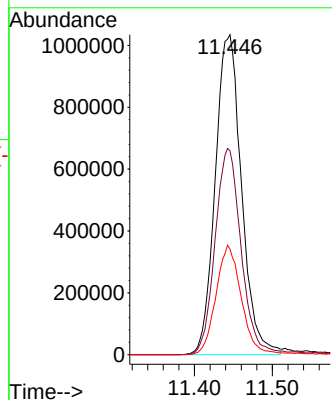
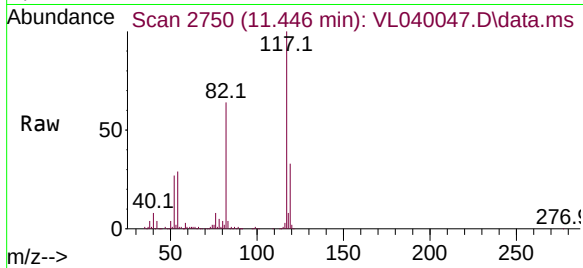




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040047.D
Acq: 20 Dec 2022 3:20

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2425348
Ion Ratio Lower Upper
117 100
82 65.4 51.2 76.8
119 33.5 23.2 34.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.750 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. -0.010 min
Lab File: VL040047.D
Acq: 20 Dec 2022 3:20

Tgt Ion: 95 Resp: 1806363
Ion Ratio Lower Upper
95 100
174 64.8 48.6 73.0
175 4.7 3.4 5.2

