

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040051.D
 Acq On : 20 Dec 2022 11:25
 Operator : SY/MD
 Sample : VL1220ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1220ABL01

Quant Time: Dec 21 03:53:58 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)

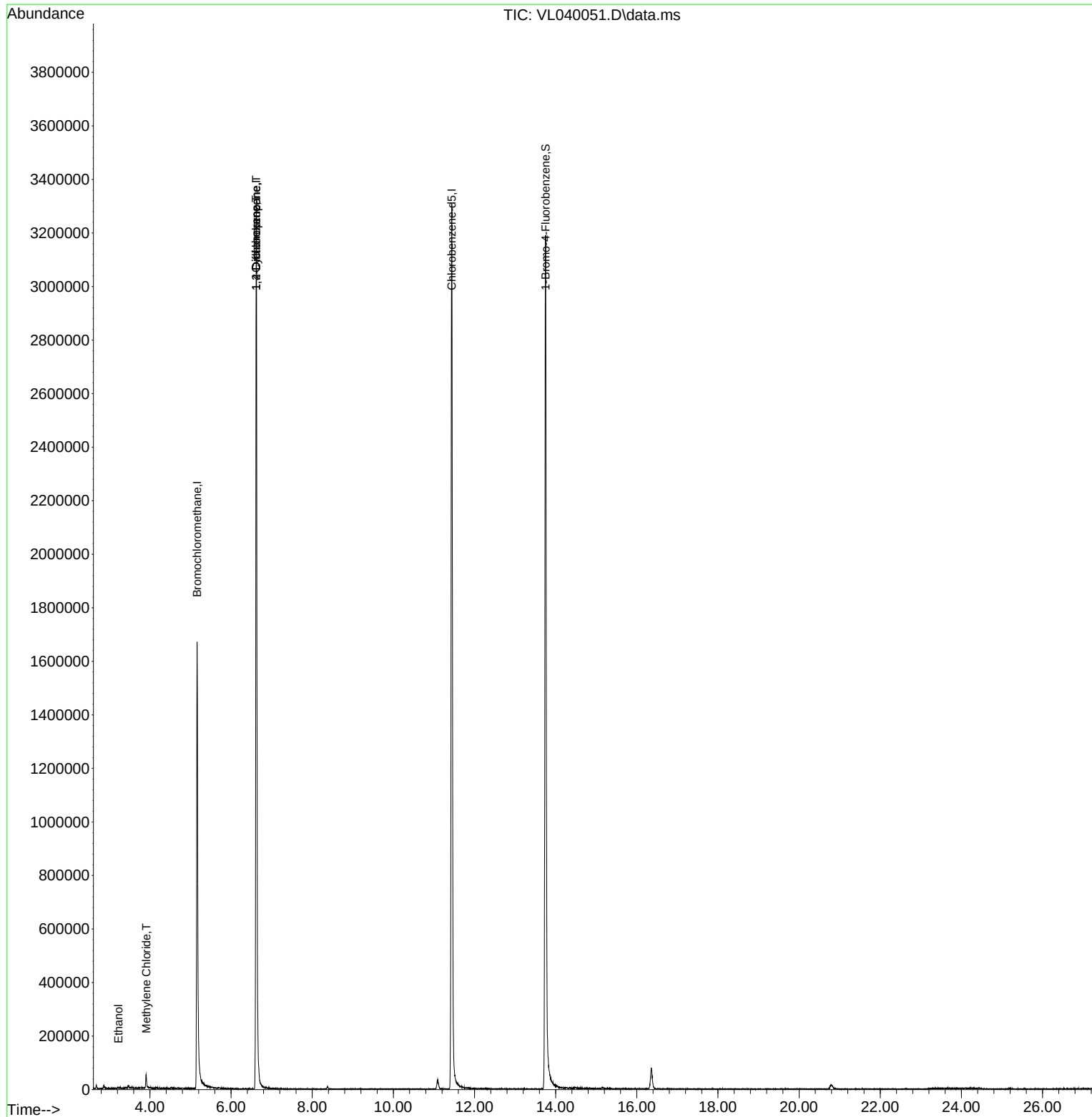
Internal Standards						
1) Bromochloromethane	5.163	49	860055	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.623	114	2561834	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.439	117	2177638	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1683951	10.123	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
					Qvalue	
13) Ethanol	3.224	45	272	0.054	ppbv #	40
20) Methylene Chloride	3.912	84	6637	0.117	ppbv #	70
30) Cyclohexane	6.616	84	4720	0.055	ppbv #	1
39) 1,2-Dichloropropane	6.623	63	618958	7.217	ppbv #	23

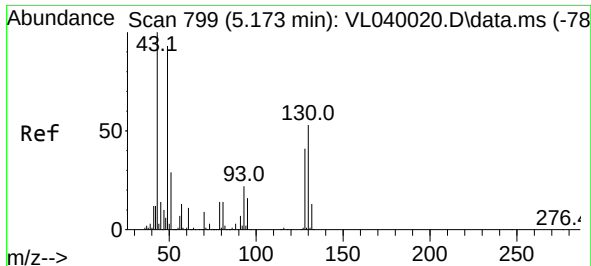
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
Data File : VL040051.D
Acq On : 20 Dec 2022 11:25
Operator : SY/MD
Sample : VL1220ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1220ABL01

Quant Time: Dec 21 03:53:58 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

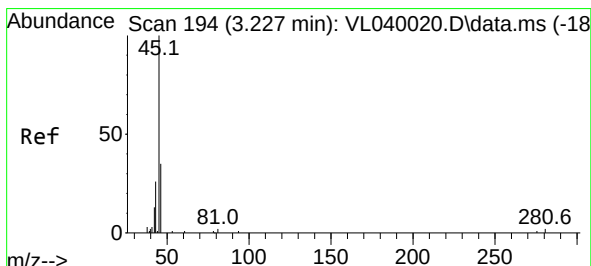
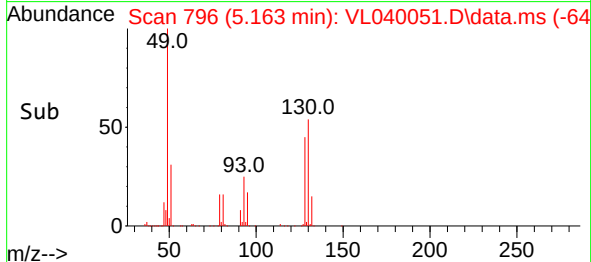
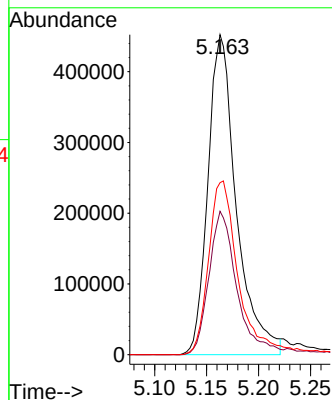
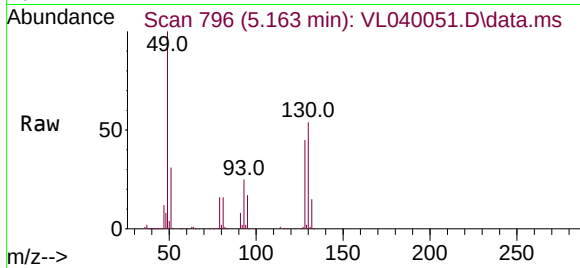




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 799
Delta R.T. -0.010 min
Lab File: VL040051.D
Acq: 20 Dec 2022 11:25

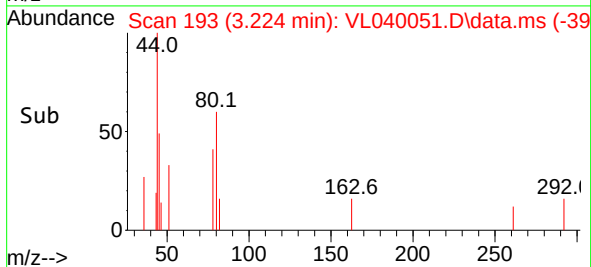
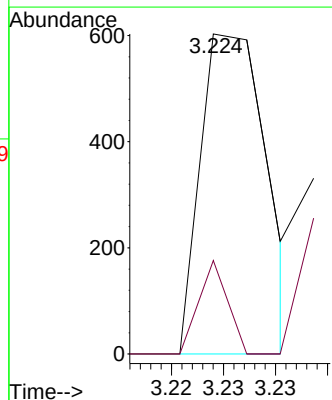
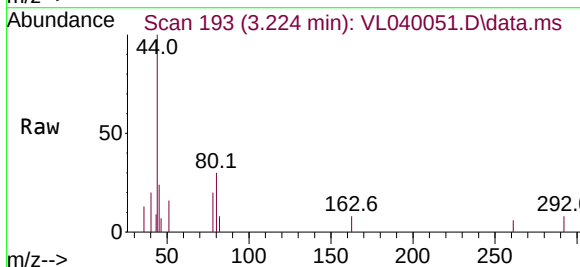
Instrument :
MSVOA_L
ClientSampleId :
VL1220ABL01

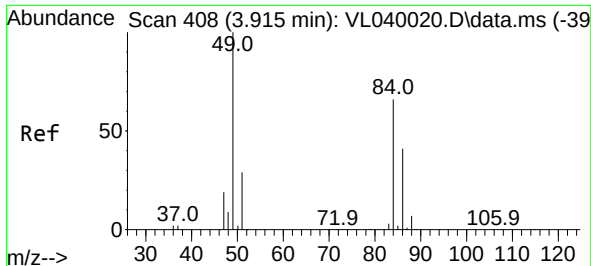
Tgt Ion: 49 Resp: 860055
Ion Ratio Lower Upper
49 100
128 46.4 22.4 67.3
130 59.9 28.9 86.8



#13
Ethanol
Concen: 0.054 ppbv
RT: 3.224 min Scan# 193
Delta R.T. -0.003 min
Lab File: VL040051.D
Acq: 20 Dec 2022 11:25

Tgt Ion: 45 Resp: 272
Ion Ratio Lower Upper
45 100
46 0.0 13.7 54.7#



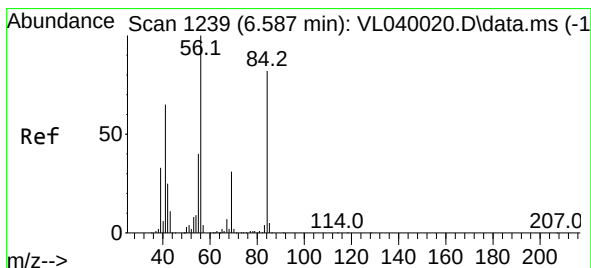
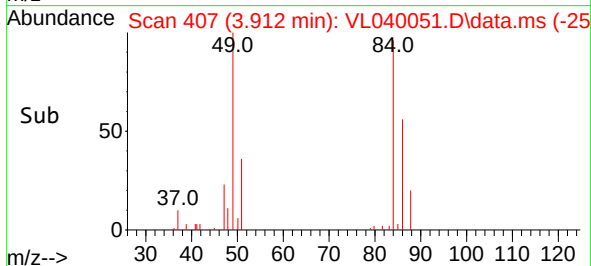
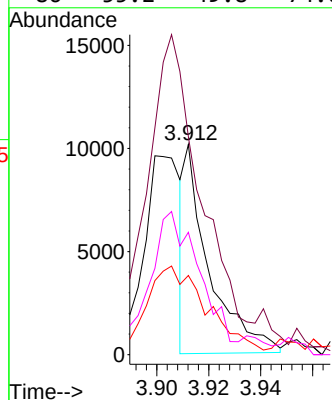
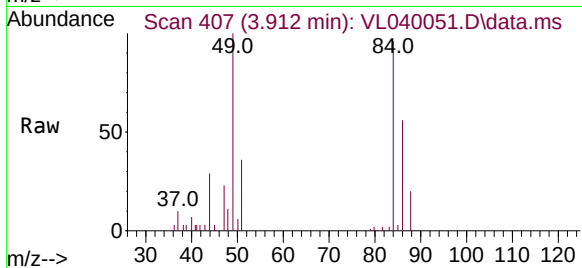


#20
Methylene Chloride
Concen: 0.117 ppbv
RT: 3.912 min Scan# 408
Delta R.T. -0.003 min
Lab File: VL040051.D
Acq: 20 Dec 2022 11:25

Instrument :
MSVOA_1
ClientSampleId :
VL1220ABL01

Tgt Ion: 84 Resp: 6637

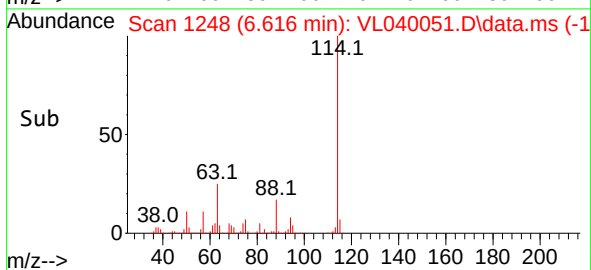
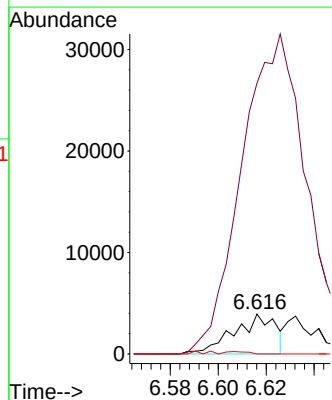
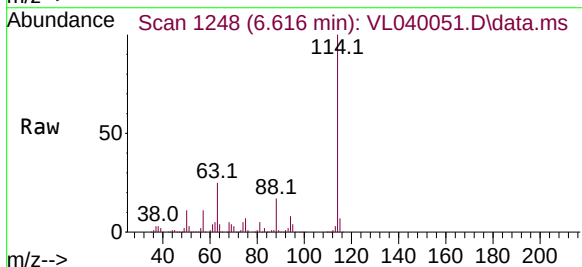
Ion	Ratio	Lower	Upper
84	100		
49	98.2	120.5	180.7#
51	31.2	35.2	52.8#
86	55.2	49.8	74.6

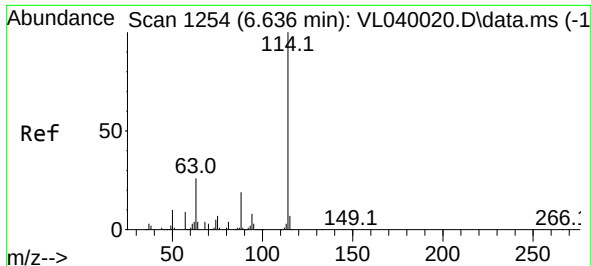


#30
Cyclohexane
Concen: 0.055 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. 0.029 min
Lab File: VL040051.D
Acq: 20 Dec 2022 11:25

Tgt Ion: 84 Resp: 4720

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.2	165.4#
41	5.4	67.8	101.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. -0.013 min

Lab File: VL040051.D

Acq: 20 Dec 2022 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL1220ABL01

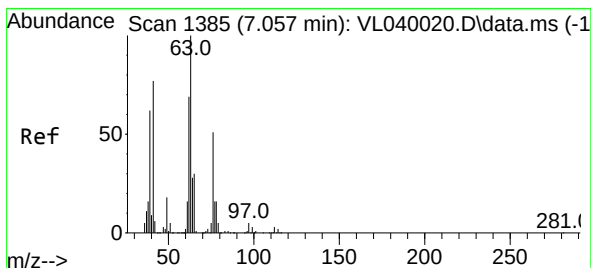
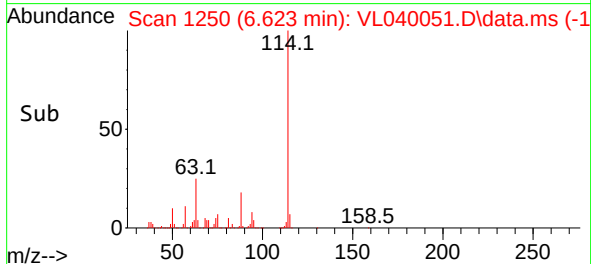
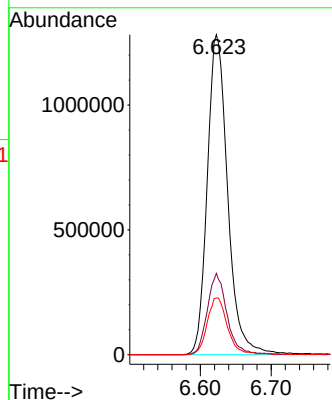
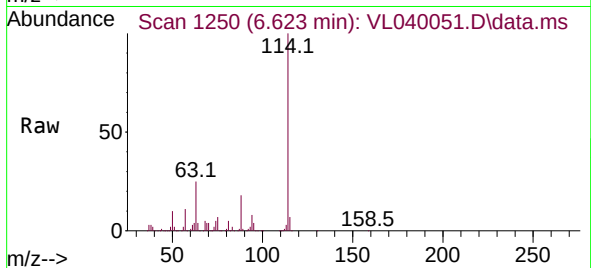
Tgt Ion:114 Resp: 2561834

Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.2

88 17.9 14.6 21.8



#39

1,2-Dichloropropane

Concen: 7.217 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. -0.434 min

Lab File: VL040051.D

Acq: 20 Dec 2022 11:25

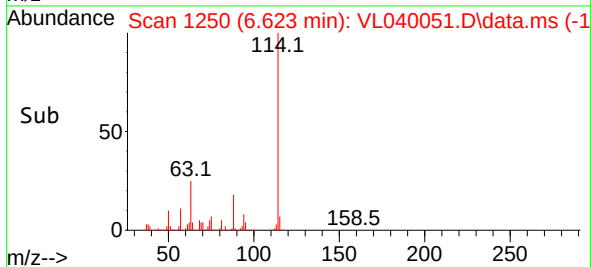
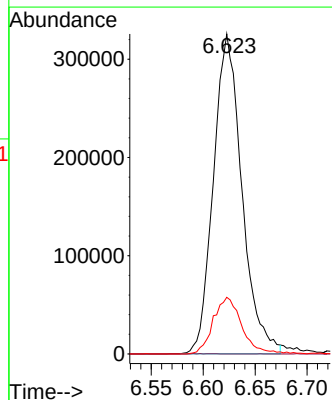
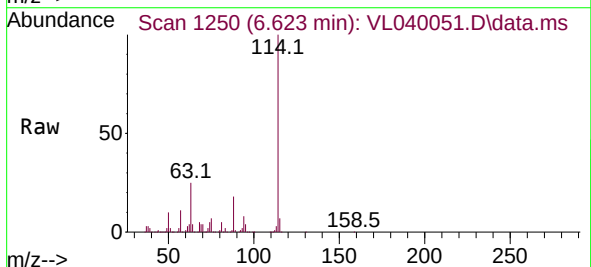
Tgt Ion: 63 Resp: 618958

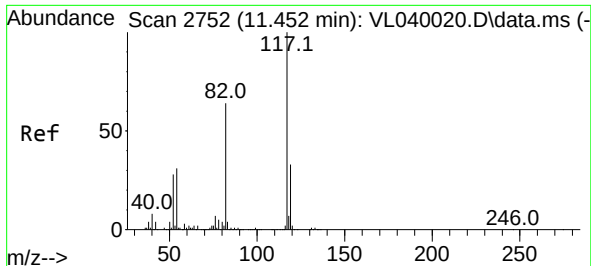
Ion Ratio Lower Upper

63 100

41 0.1 61.4 92.0#

62 17.7 55.4 83.2#

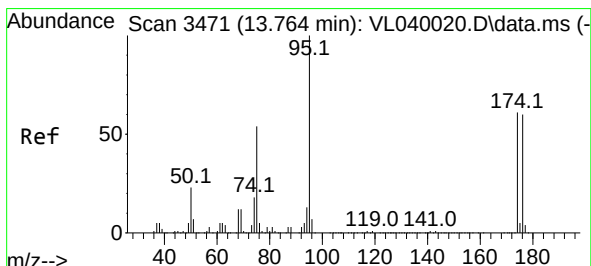
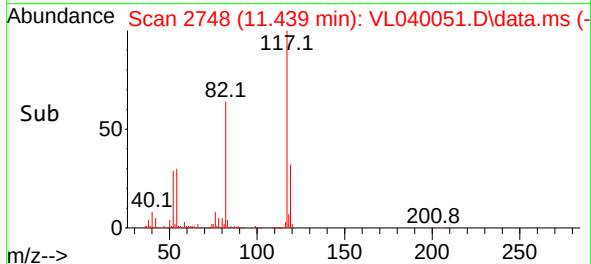
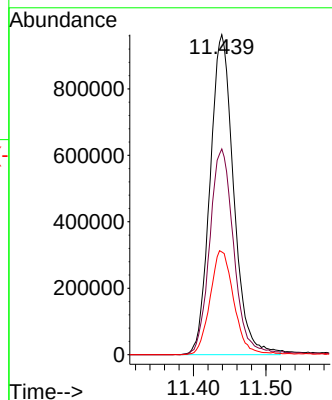
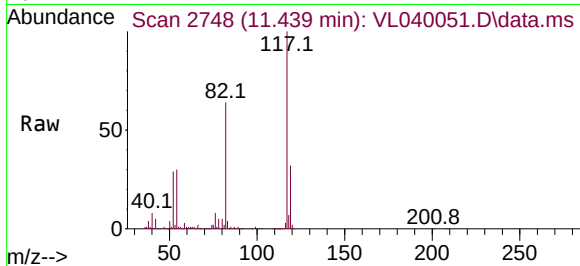




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040051.D
Acq: 20 Dec 2022 11:25

Instrument :
MSVOA_1
ClientSampleId :
VL1220ABL01

Tgt Ion:117 Resp: 2177638
Ion Ratio Lower Upper
117 100
82 66.5 51.2 76.8
119 33.0 23.2 34.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.123 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.013 min
Lab File: VL040051.D
Acq: 20 Dec 2022 11:25

Tgt Ion: 95 Resp: 1683951
Ion Ratio Lower Upper
95 100
174 61.4 48.6 73.0
175 4.3 3.4 5.2

