

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040607.D
 Acq On : 9 Aug 2023 15:54
 Operator : SY/MD
 Sample : QC080723 CAN 10448
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC080723 CAN 10448

Quant Time: Aug 10 01:29:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

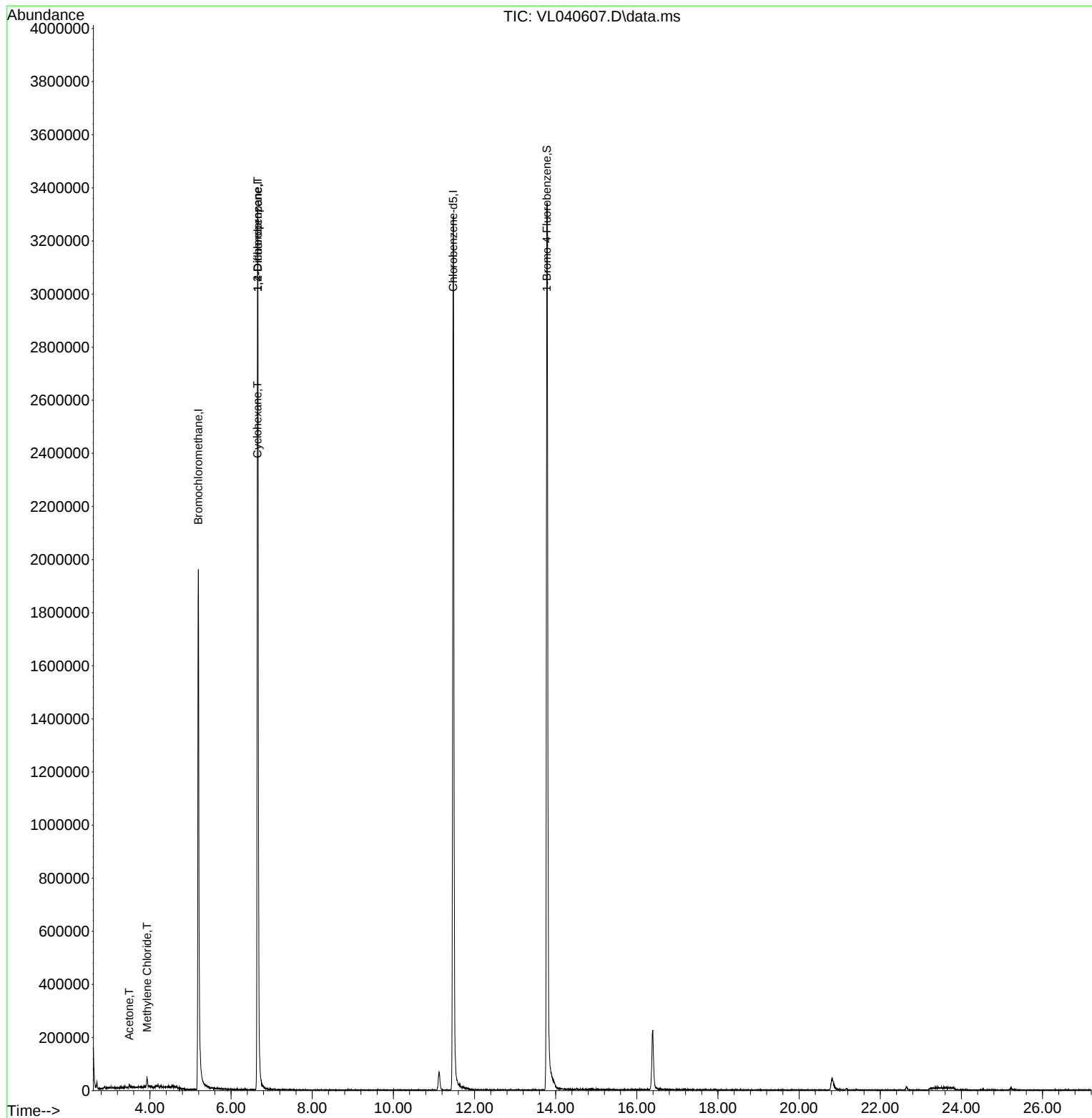
Internal Standards						
1) Bromochloromethane	5.192	49	963763	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.658	114	2407062	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2035244	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1648668	10.235	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%
Target Compounds						
					Qvalue	
15) Acetone	3.488	43	10390	0.094	ppbv #	88
20) Methylene Chloride	3.928	84	11422	0.242	ppbv #	89
30) Cyclohexane	6.645	84	8584	0.105	ppbv #	1
39) 1,2-Dichloropropane	6.655	63	628879	8.435	ppbv #	27

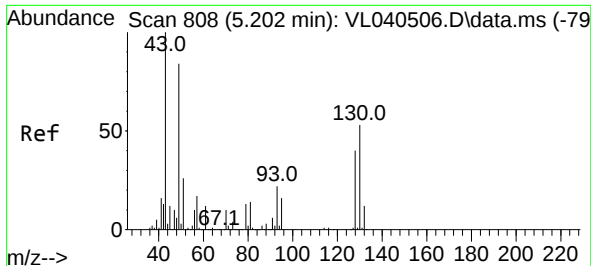
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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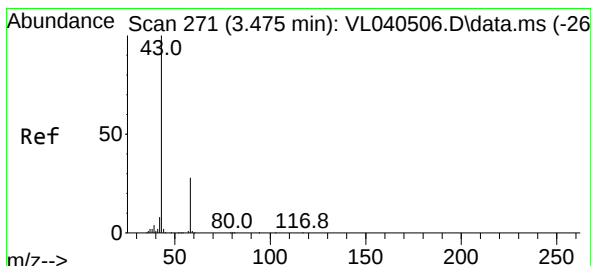
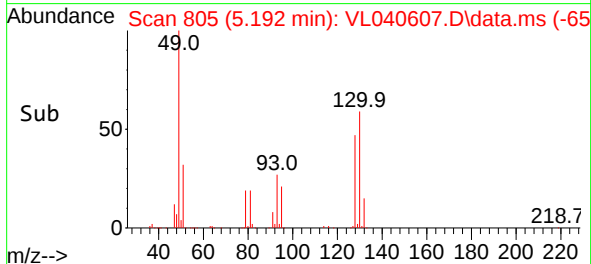
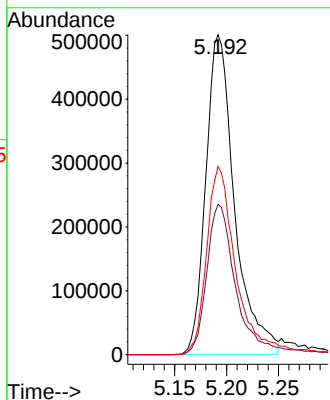
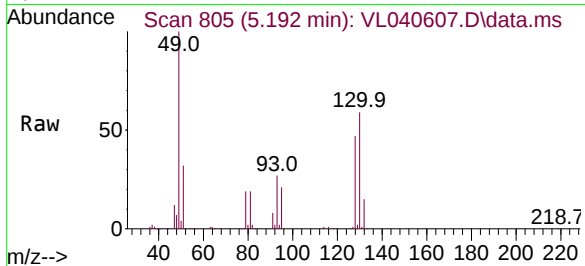




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040607.D
Acq: 9 Aug 2023 15:54

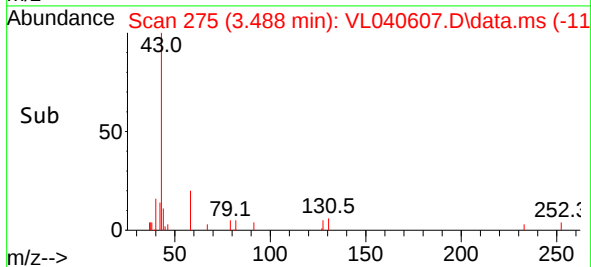
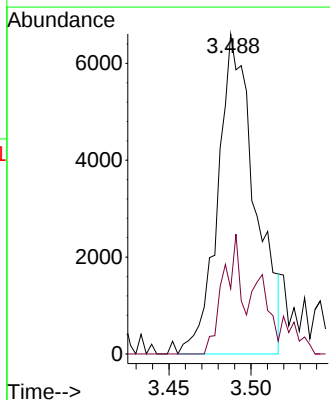
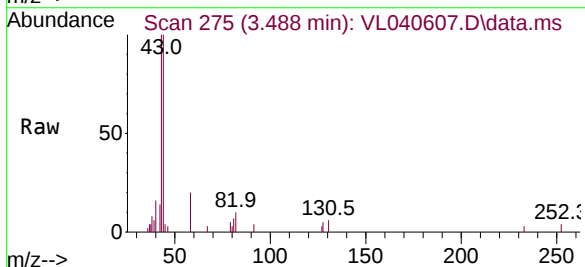
Instrument :
MSVOA_L
ClientSampleId :
QC080723 CAN 10448

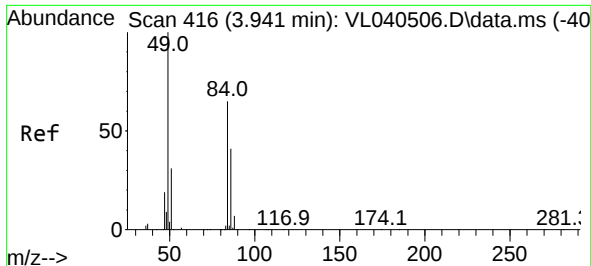
Tgt Ion: 49 Resp: 963763
Ion Ratio Lower Upper
49 100
128 49.7 25.1 75.4
130 62.1 31.6 94.7



#15
Acetone
Concen: 0.094 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.013 min
Lab File: VL040607.D
Acq: 9 Aug 2023 15:54

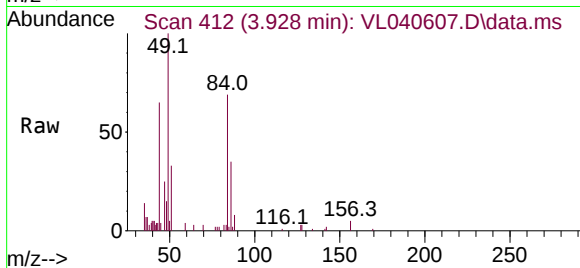
Tgt Ion: 43 Resp: 10390
Ion Ratio Lower Upper
43 100
58 34.8 22.9 34.3#



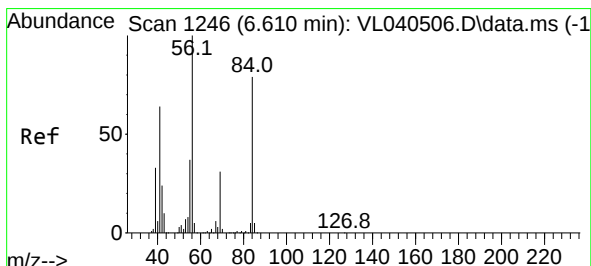
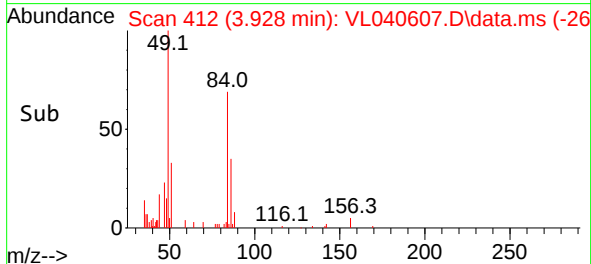
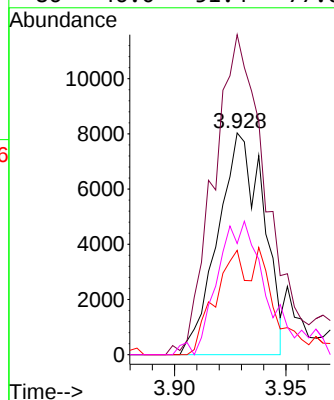


#20
Methylene Chloride
Concen: 0.242 ppbv
RT: 3.928 min Scan# 416
Delta R.T. -0.013 min
Lab File: VL040607.D
Acq: 9 Aug 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :
QC080723 CAN 10448

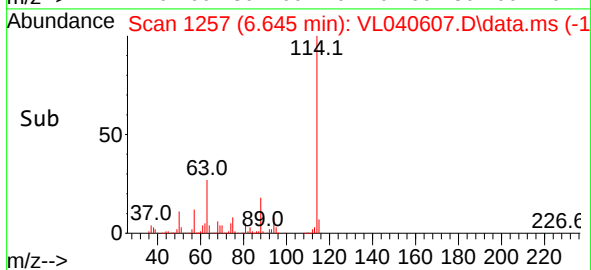
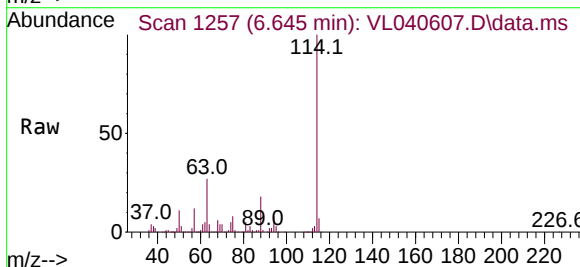
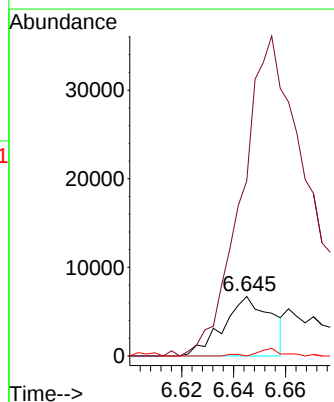


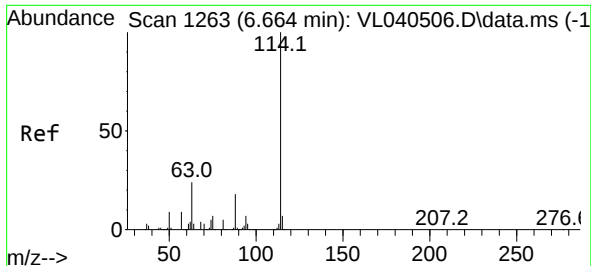
Tgt Ion:	84	Resp:	11422
Ion	Ratio	Lower	Upper
84	100		
49	142.4	123.4	185.2
51	47.0	38.3	57.5
86	46.0	51.4	77.0



#30
Cyclohexane
Concen: 0.105 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. 0.035 min
Lab File: VL040607.D
Acq: 9 Aug 2023 15:54

Tgt Ion:	84	Resp:	8584
Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.7	163.1
41	2.2	64.5	96.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040607.D

Acq: 9 Aug 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

QC080723 CAN 10448

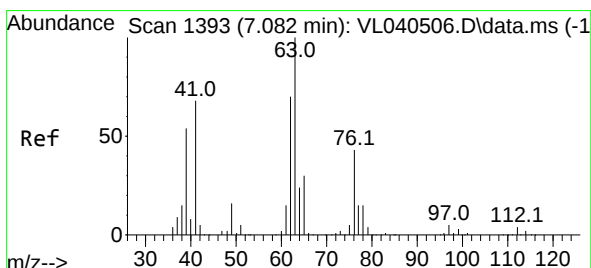
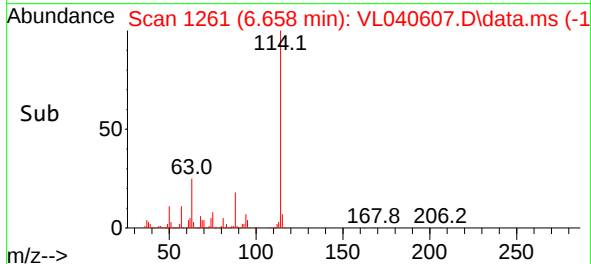
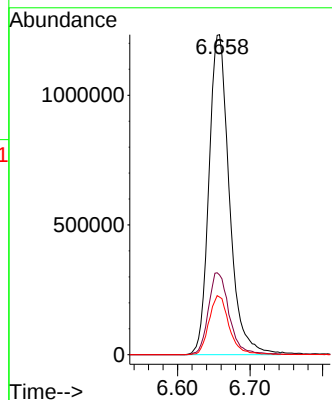
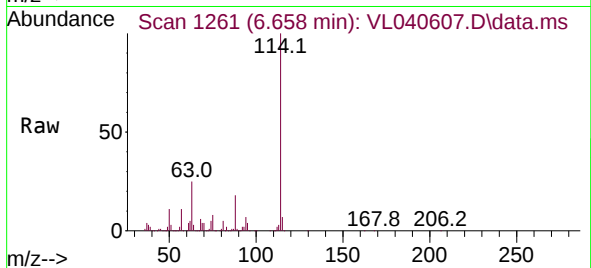
Tgt Ion:114 Resp: 2407062

Ion Ratio Lower Upper

114 100

63 26.2 19.6 29.4

88 18.3 14.2 21.2



#39

1,2-Dichloropropane

Concen: 8.435 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.428 min

Lab File: VL040607.D

Acq: 9 Aug 2023 15:54

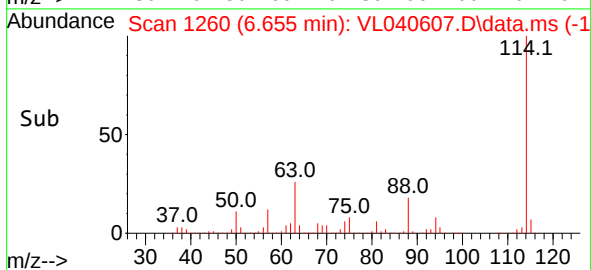
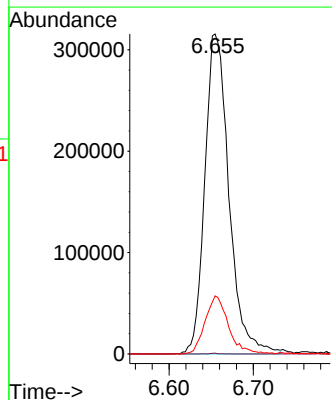
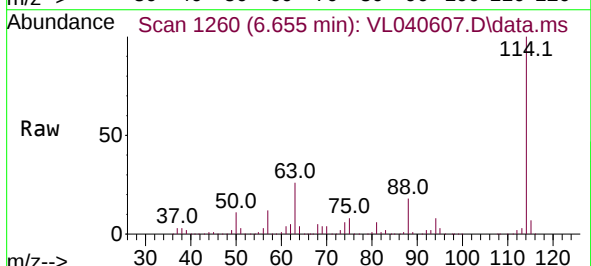
Tgt Ion: 63 Resp: 628879

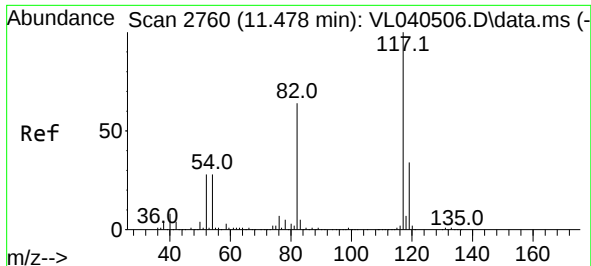
Ion Ratio Lower Upper

63 100

41 0.3 54.3 81.5#

62 18.1 55.6 83.4#

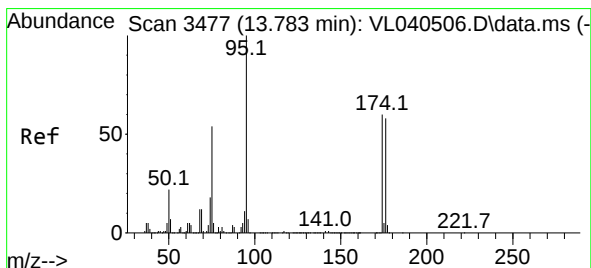
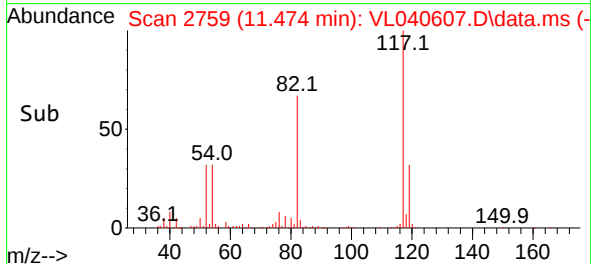
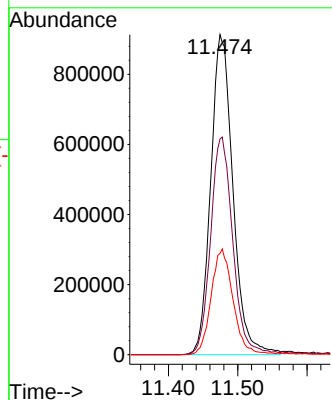
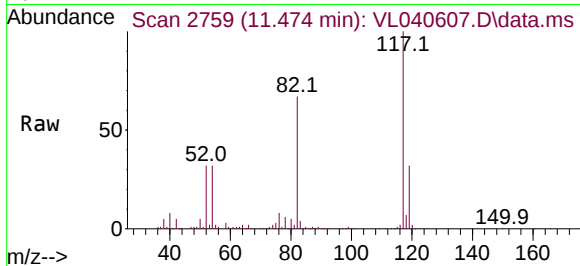




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040607.D
Acq: 9 Aug 2023 15:54

Instrument :
MSVOA_L
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QC080723 CAN 10448

Tgt Ion:117 Resp: 2035244
Ion Ratio Lower Upper
117 100
82 68.7 50.2 75.4
119 33.1 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.235 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VL040607.D
Acq: 9 Aug 2023 15:54

Tgt Ion: 95 Resp: 1648668
Ion Ratio Lower Upper
95 100
174 60.4 50.6 75.8
175 4.2 3.7 5.5

