

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022723\
 Data File : VL040232.D
 Acq On : 27 Feb 2023 12:31
 Operator : SY/MD
 Sample : QC022723 CAN 10295
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022723 CAN 10295

Quant Time: Feb 28 00:18:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 28 00:12:21 2023
 Response via : Initial Calibration

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

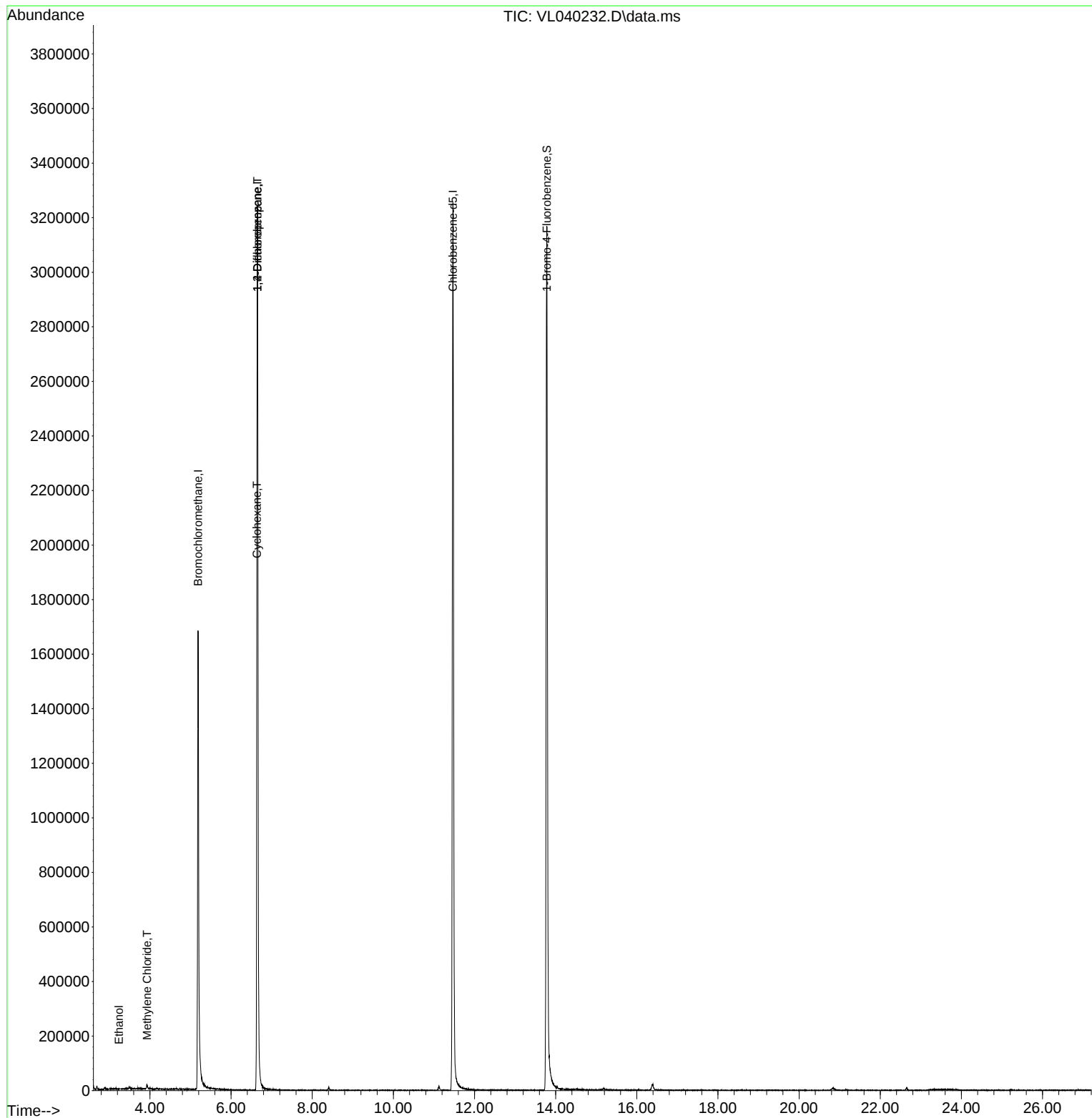
Internal Standards						
1) Bromochloromethane	5.185	49	896029	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2452631	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2074935	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1626178	9.531	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.300%
Target Compounds						
					Qvalue	
13) Ethanol	3.237	45	204	0.051	ppbv #	41
20) Methylene Chloride	3.928	84	4699	0.084	ppbv #	86
30) Cyclohexane	6.636	84	3085	0.046	ppbv #	1
39) 1,2-Dichloropropane	6.645	63	609043	8.203	ppbv #	25

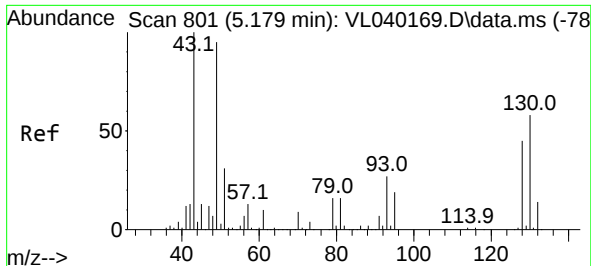
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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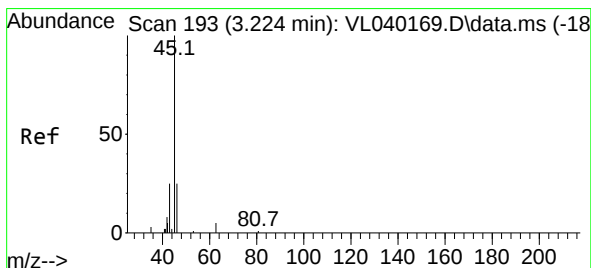
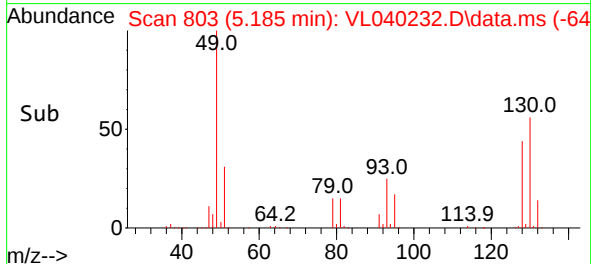
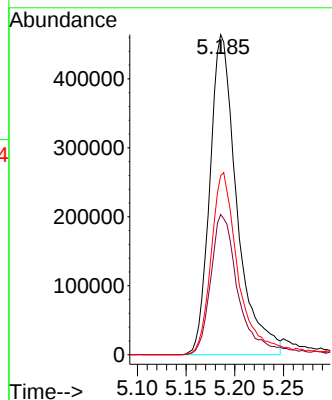
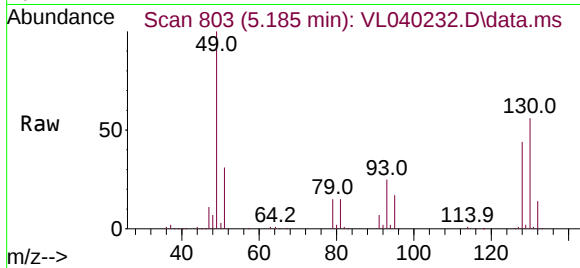




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 801
Delta R.T. 0.003 min
Lab File: VL040232.D
Acq: 27 Feb 2023 12:31

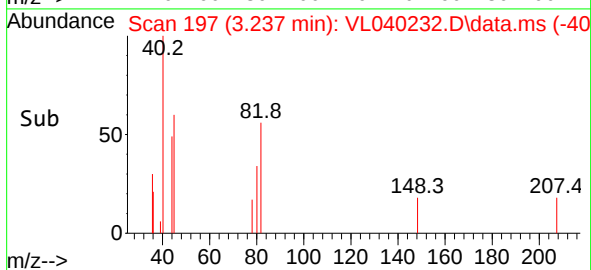
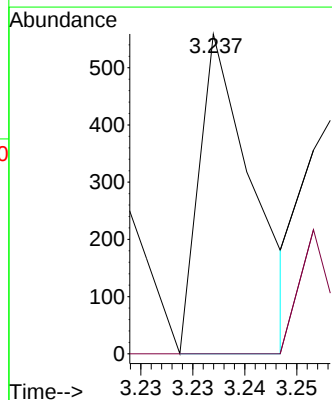
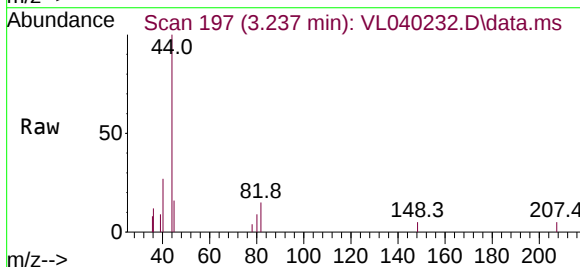
Instrument :
MSVOA_L
ClientSampleId :
QC022723 CAN 10295

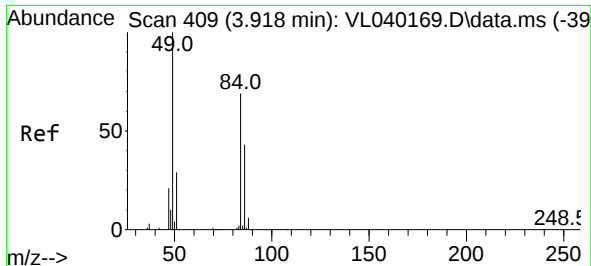
Tgt Ion: 49 Resp: 896029
Ion Ratio Lower Upper
49 100
128 46.5 24.1 72.3
130 59.1 30.9 92.8



#13
Ethanol
Concen: 0.051 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.003 min
Lab File: VL040232.D
Acq: 27 Feb 2023 12:31

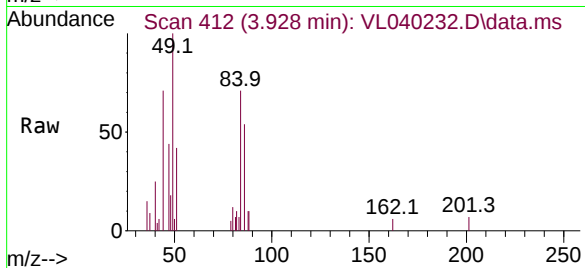
Tgt Ion: 45 Resp: 204
Ion Ratio Lower Upper
45 100
46 0.0 13.3 53.1#



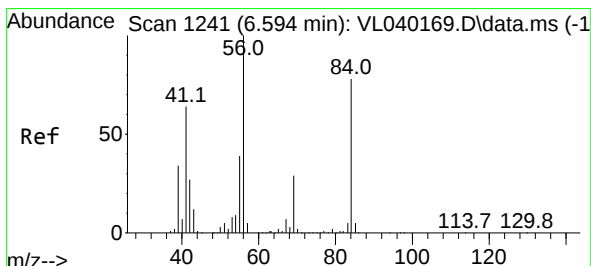
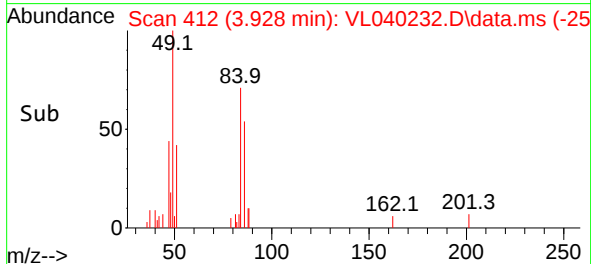
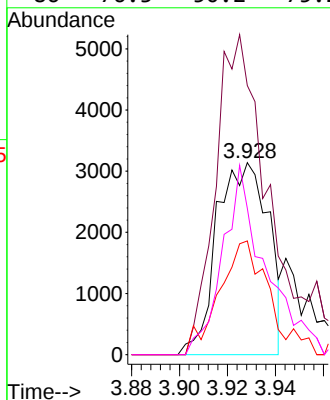


#20
Methylene Chloride
Concen: 0.084 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.007 min
Lab File: VL040232.D
Acq: 27 Feb 2023 12:31

Instrument :
MSVOA_L
ClientSampleId :
QC022723 CAN 10295

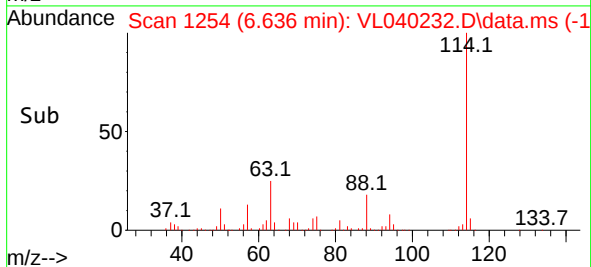
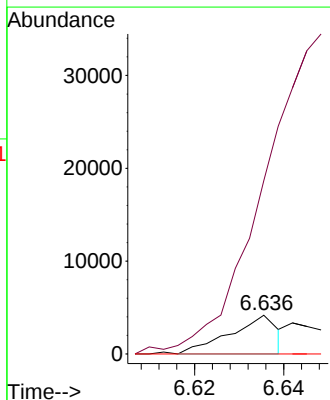
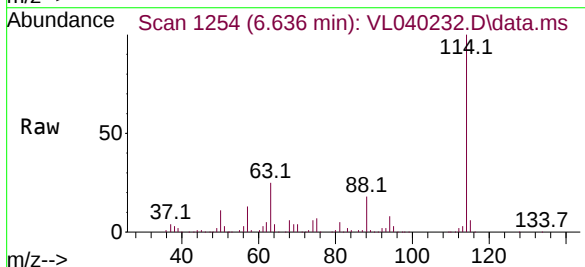


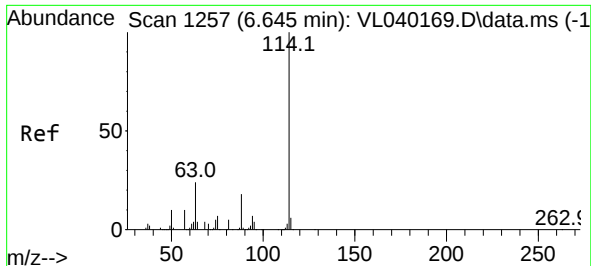
Tgt Ion:	84	Resp:	4699
Ion	Ratio	Lower	Upper
84	100		
49	134.6	115.5	173.3
51	59.3	33.1	49.7#
86	76.3	50.2	75.2#



#30
Cyclohexane
Concen: 0.046 ppbv
RT: 6.636 min Scan# 1254
Delta R.T. 0.042 min
Lab File: VL040232.D
Acq: 27 Feb 2023 12:31

Tgt Ion:	84	Resp:	3085
Ion	Ratio	Lower	Upper
84	100		
56	0.0	109.9	164.9#
41	0.0	67.8	101.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040232.D

Acq: 27 Feb 2023 12:31

Instrument :

MSVOA_L

ClientSampleId :

QC022723 CAN 10295

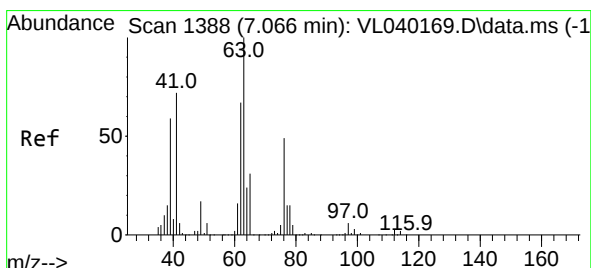
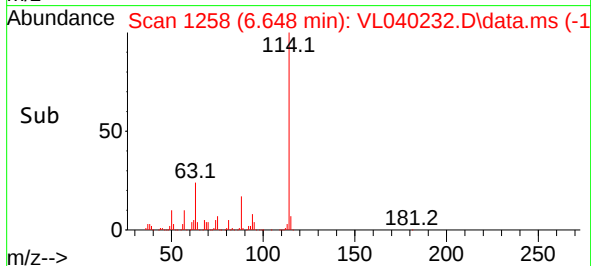
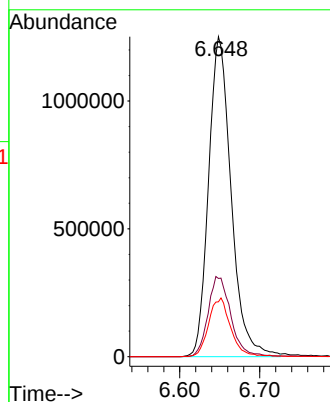
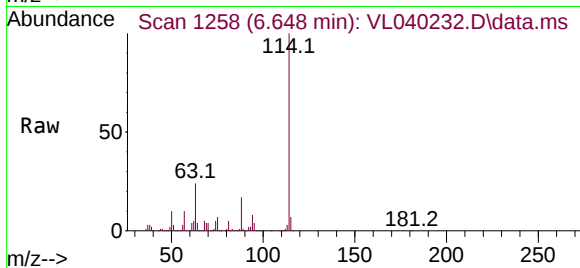
Tgt Ion:114 Resp: 2452631

Ion Ratio Lower Upper

114 100

63 25.5 20.4 30.6

88 18.2 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.203 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.424 min

Lab File: VL040232.D

Acq: 27 Feb 2023 12:31

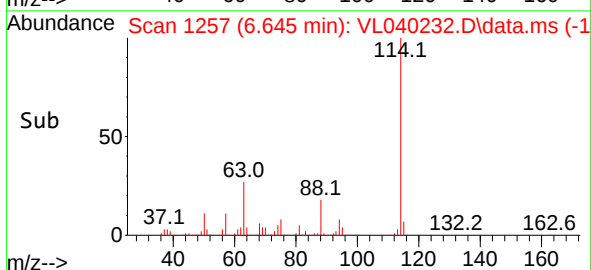
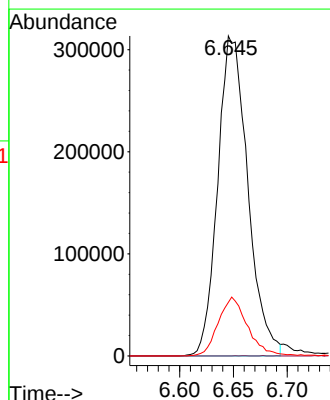
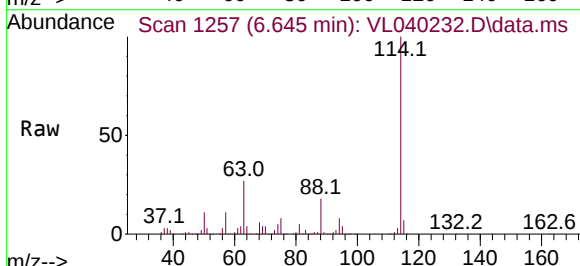
Tgt Ion: 63 Resp: 609043

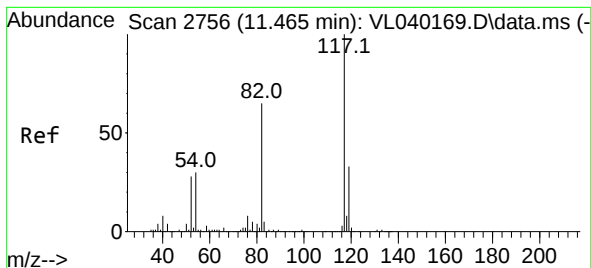
Ion Ratio Lower Upper

63 100

41 0.0 57.6 86.4#

62 16.8 54.0 81.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040232.D

Acq: 27 Feb 2023 12:31

Instrument :

MSVOA_1

ClientSampleId :

QC022723 CAN 10295

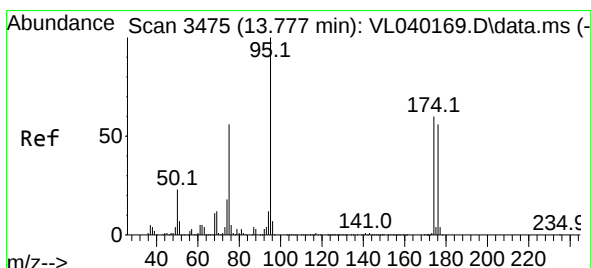
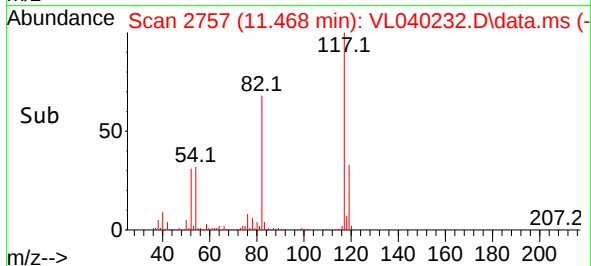
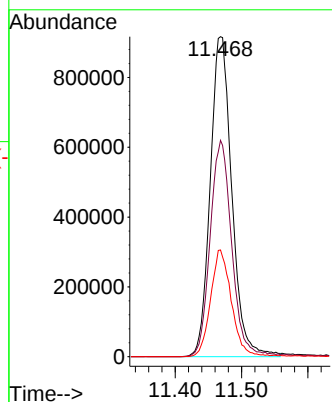
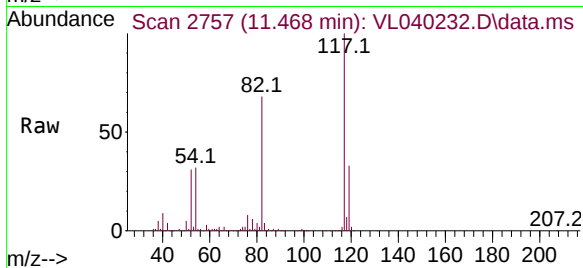
Tgt Ion:117 Resp: 2074935

Ion Ratio Lower Upper

117 100

82 68.4 53.3 79.9

119 32.8 24.6 37.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.531 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. 0.003 min

Lab File: VL040232.D

Acq: 27 Feb 2023 12:31

Tgt Ion: 95 Resp: 1626178

Ion Ratio Lower Upper

95 100

174 58.5 48.2 72.2

175 4.1 3.4 5.2

