

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040088.D
 Acq On : 10 Jan 2023 8:59
 Operator : SY/MD
 Sample : QC122822 CAN 10269
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122822 CAN 10269

Quant Time: Jan 11 01:10:30 2023
 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 Jan 10 00:22:08 2023
 Response via : Initial Calibration

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

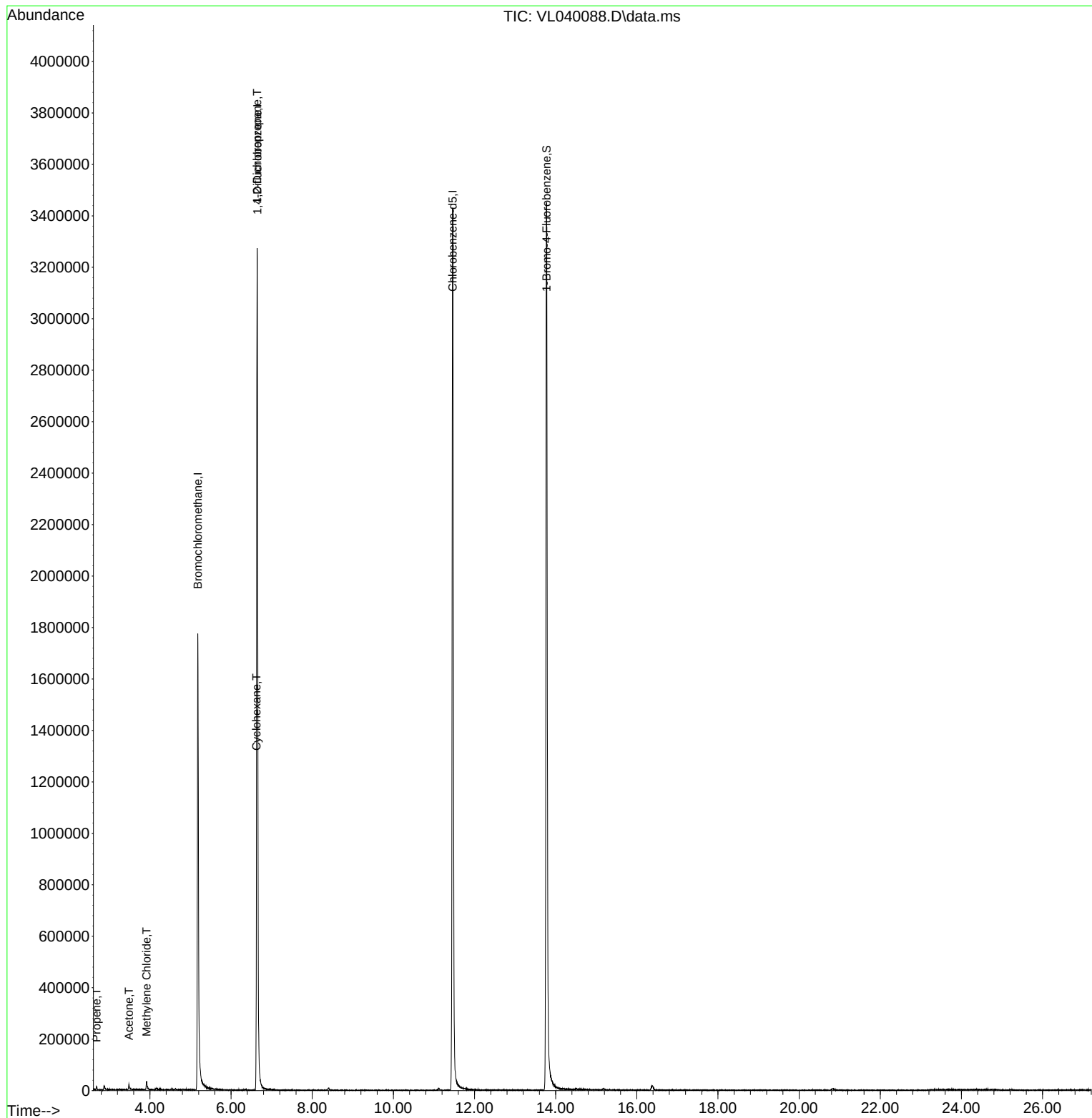
Internal Standards						
1) Bromochloromethane	5.179	49	916061	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2400775	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2114689	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1750340	10.836	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.400%
Target Compounds						
					Qvalue	
9) Propene	2.684	41	1962	0.034	ppbv #	16
15) Acetone	3.481	43	11628	0.082	ppbv #	48
20) Methylene Chloride	3.919	84	9179	0.152	ppbv	81
30) Cyclohexane	6.626	84	3617	0.040	ppbv #	1
39) 1,2-Dichloropropane	6.642	63	619333	7.706	ppbv #	23

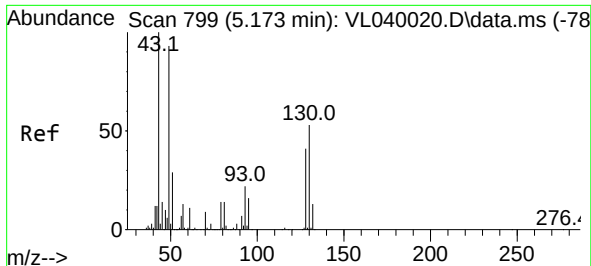
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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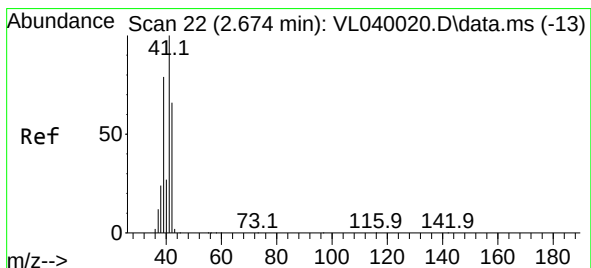
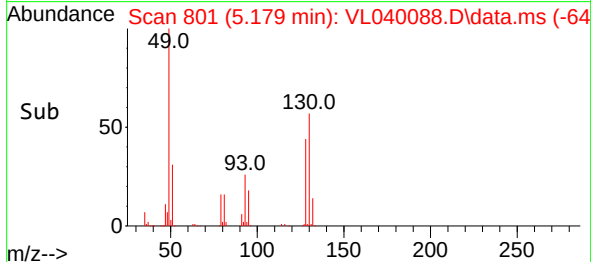
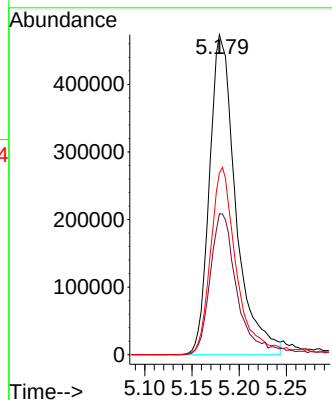
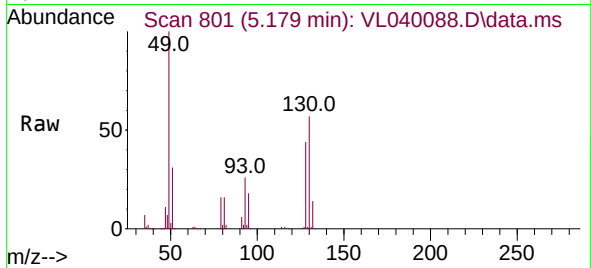




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.006 min
Lab File: VL040088.D
Acq: 10 Jan 2023 8:59

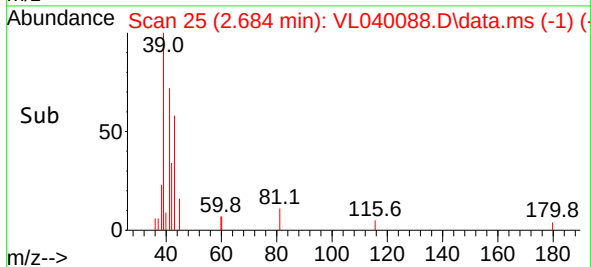
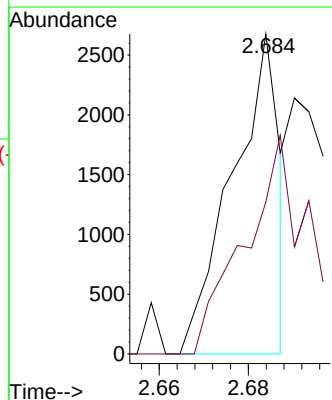
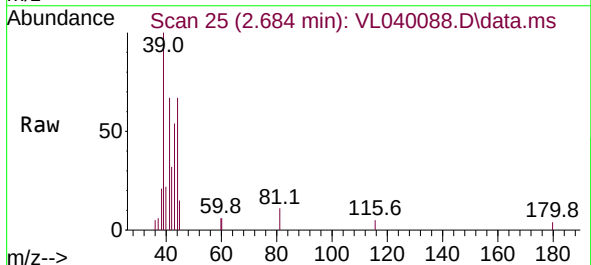
Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

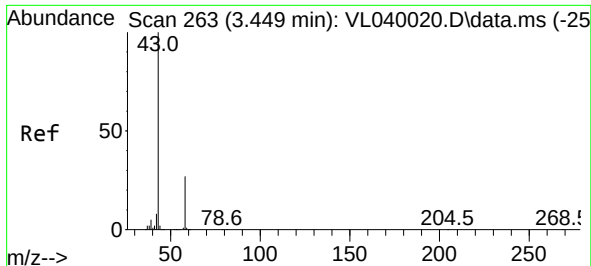
Tgt Ion: 49 Resp: 916061
Ion Ratio Lower Upper
49 100
128 47.0 22.4 67.3
130 59.9 28.9 86.8



#9
Propene
Concen: 0.034 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.007 min
Lab File: VL040088.D
Acq: 10 Jan 2023 8:59

Tgt Ion: 41 Resp: 1962
Ion Ratio Lower Upper
41 100
42 0.0 54.8 82.2#

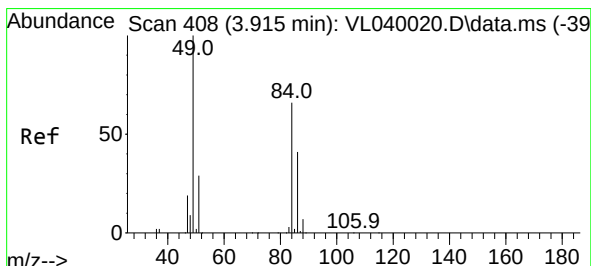
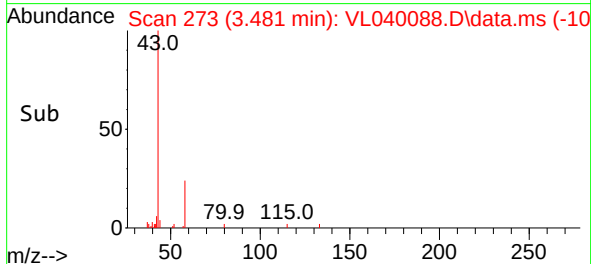
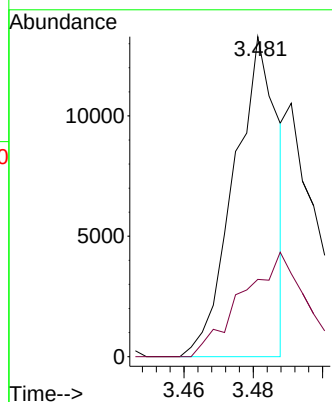
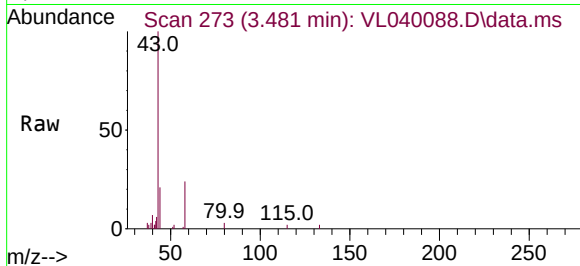




#15
Acetone
Concen: 0.082 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL040088.D
Acq: 10 Jan 2023 8:59

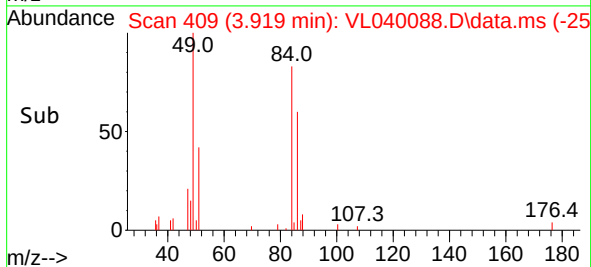
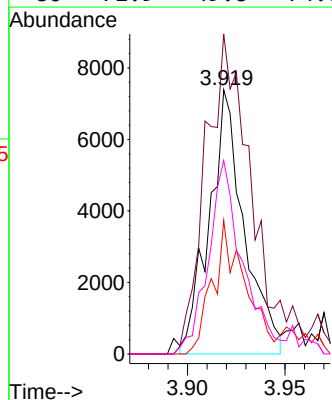
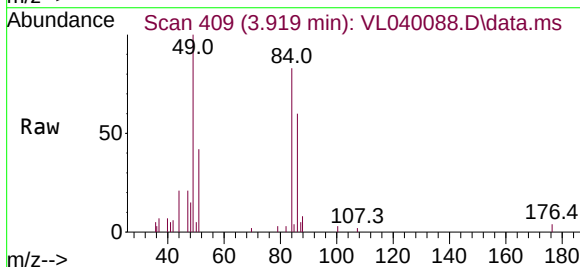
Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

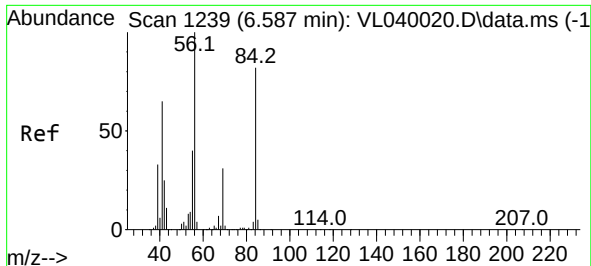
Tgt Ion: 43 Resp: 11628
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.8#



#20
Methylene Chloride
Concen: 0.152 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.003 min
Lab File: VL040088.D
Acq: 10 Jan 2023 8:59

Tgt Ion: 84 Resp: 9179
Ion Ratio Lower Upper
84 100
49 122.0 120.5 180.7
51 52.1 35.2 52.8
86 72.9 49.8 74.6

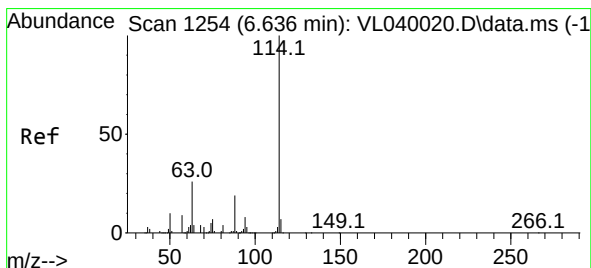
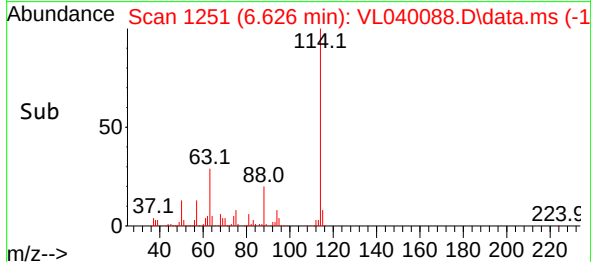
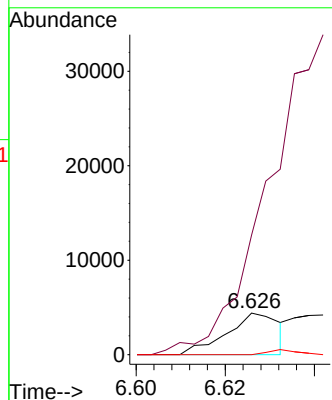
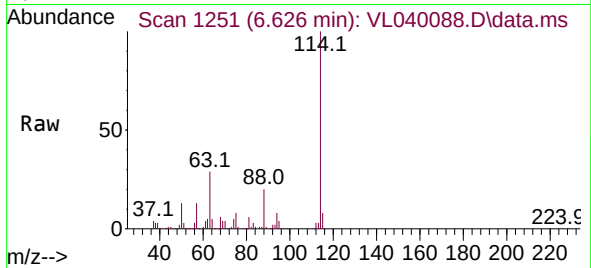




#30
Cyclohexane
Concen: 0.040 ppbv
RT: 6.626 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL040088.D
Acq: 10 Jan 2023 8:59

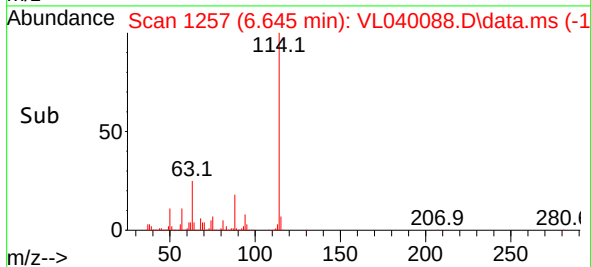
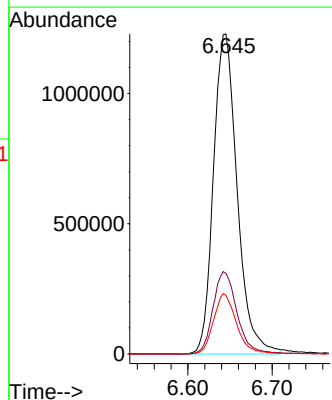
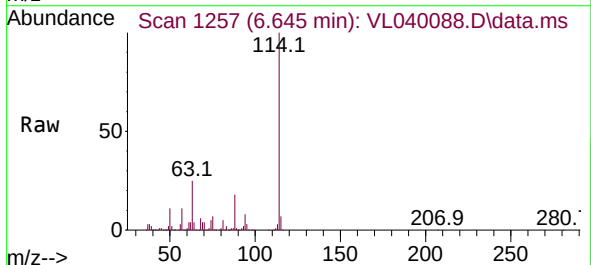
Instrument :
MSVOA_1
ClientSampleId :
QC122822 CAN 10269

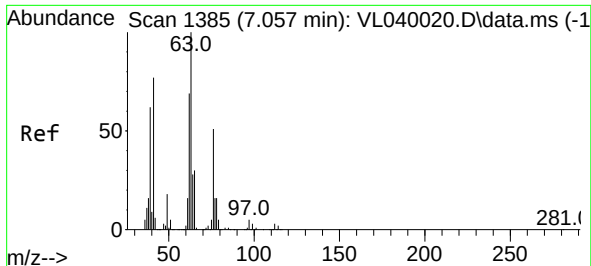
Tgt Ion: 84 Resp: 3617
Ion Ratio Lower Upper
84 100
56 0.0 110.2 165.4#
41 10.8 67.8 101.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VL040088.D
Acq: 10 Jan 2023 8:59

Tgt Ion: 114 Resp: 2400775
Ion Ratio Lower Upper
114 100
63 26.2 20.2 30.2
88 18.4 14.6 21.8





#39

1,2-Dichloropropane

Concen: 7.706 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.434 min

Lab File: VL040088.D

Acq: 10 Jan 2023 8:59

Instrument :

MSVOA_L

ClientSampleId :

QC122822 CAN 10269

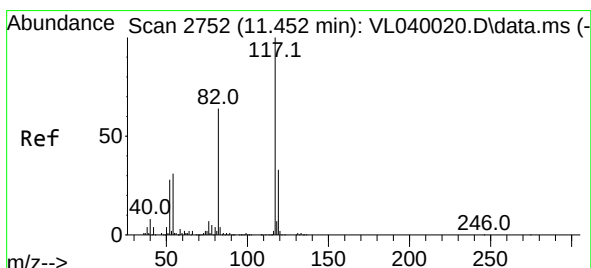
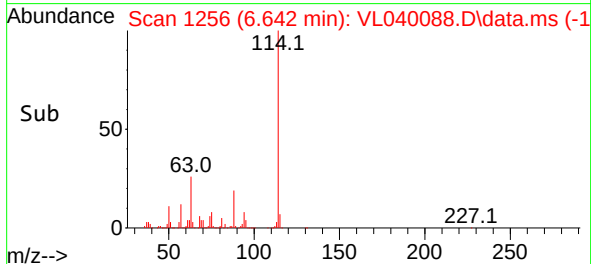
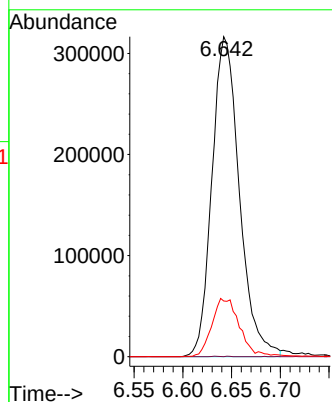
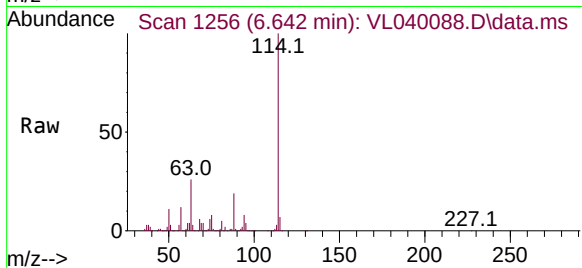
Tgt Ion: 63 Resp: 619333

Ion Ratio Lower Upper

63 100

41 0.0 61.4 92.0#

62 17.4 55.4 83.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.013 min

Lab File: VL040088.D

Acq: 10 Jan 2023 8:59

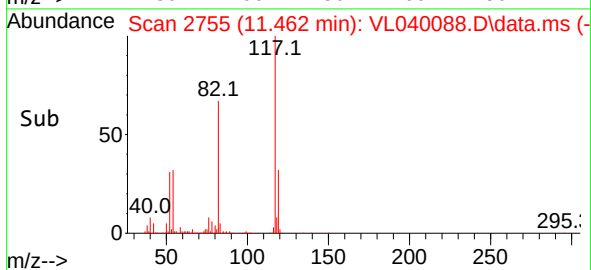
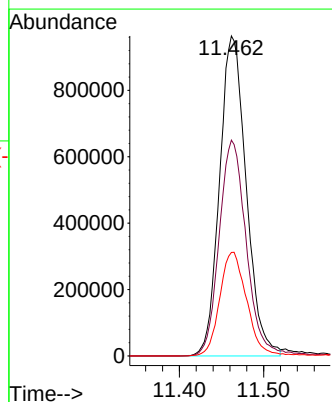
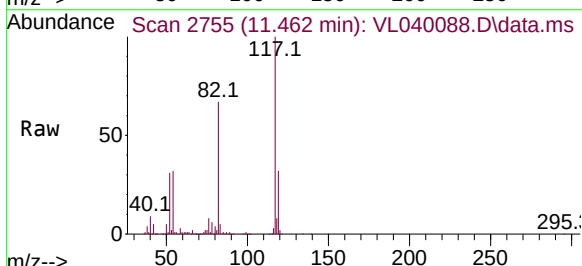
Tgt Ion: 117 Resp: 2114689

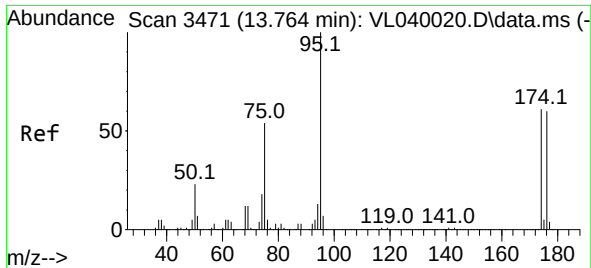
Ion Ratio Lower Upper

117 100

82 69.7 51.2 76.8

119 33.1 23.2 34.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.836 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. -0.010 min
 Lab File: VL040088.D
 Acq: 10 Jan 2023 8:59

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122822 CAN 10269

Tgt Ion: 95 Resp: 1750340
 Ion Ratio Lower Upper
 95 100
 174 60.0 48.6 73.0
 175 4.3 3.4 5.2

