

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040083.D
 Acq On : 9 Jan 2023 19:43
 Operator : SY/MD
 Sample : QC010523 CAN 10279
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010523 CAN 10279

Quant Time: Jan 09 21:33:46 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 Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

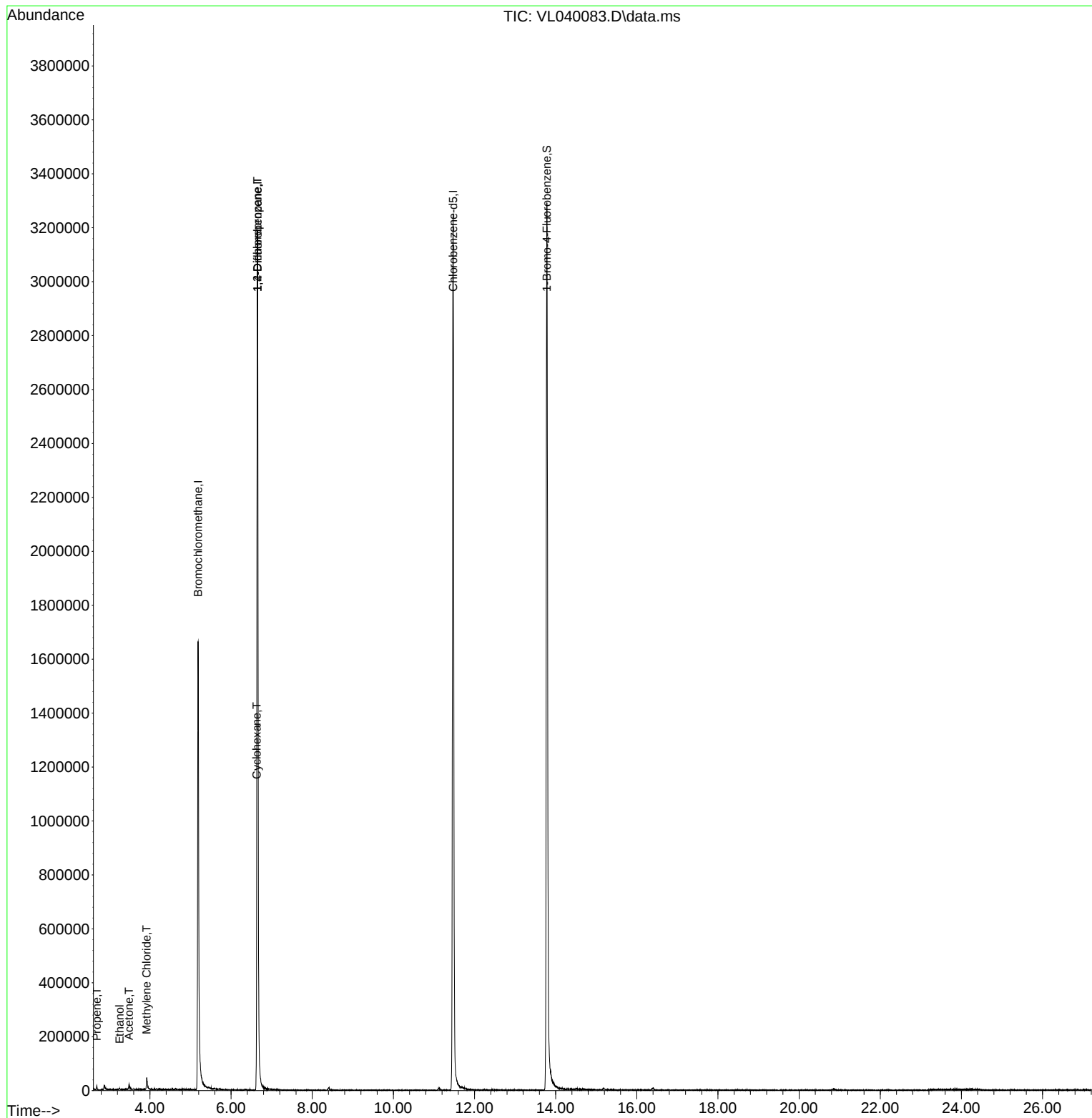
Internal Standards						
1) Bromochloromethane	5.188	49	868848	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.651	114	2363655	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.471	117	2046702	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1644781	10.520	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.200%
Target Compounds						
					Qvalue	
9) Propene	2.690	41	2246	0.041	ppbv #	76
13) Ethanol	3.253	45	1518	0.296	ppbv	96
15) Acetone	3.481	43	14943	0.111	ppbv #	61
20) Methylene Chloride	3.918	84	5151	0.090	ppbv	91
30) Cyclohexane	6.632	84	2776	0.032	ppbv #	1
39) 1,2-Dichloropropane	6.648	63	602844	7.619	ppbv #	24

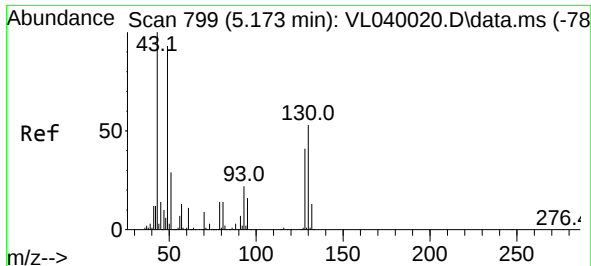
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
Data File : VL040083.D
Acq On : 9 Jan 2023 19:43
Operator : SY/MD
Sample : QC010523 CAN 10279
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC010523 CAN 10279

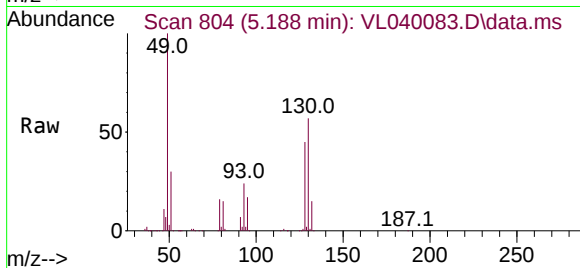
Quant Time: Jan 09 21:33:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration



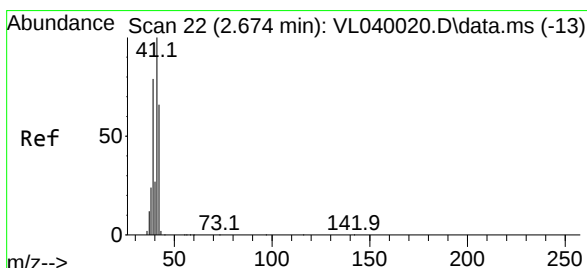
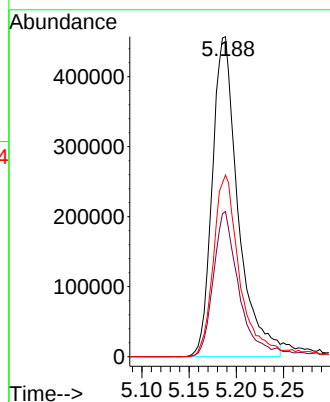
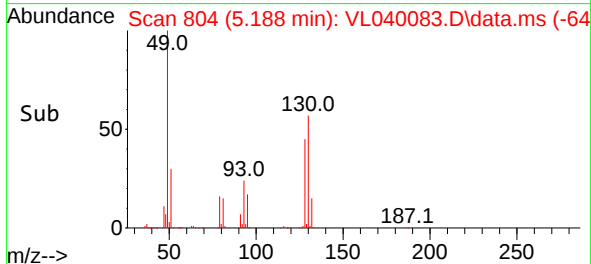


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. 0.015 min
Lab File: VL040083.D
Acq: 9 Jan 2023 19:43

Instrument :
MSVOA_L
ClientSampleId :
QC010523 CAN 10279

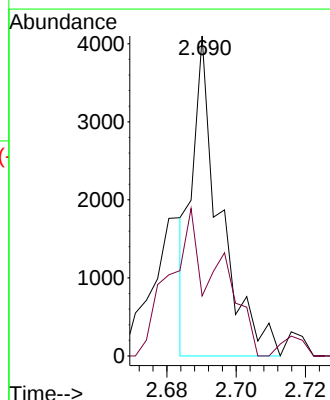
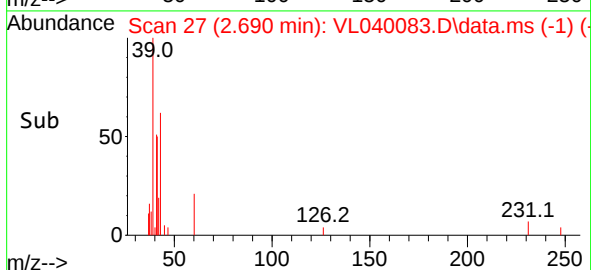
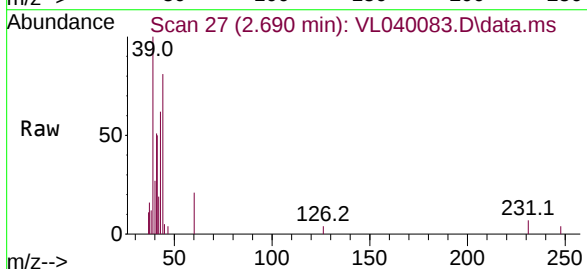


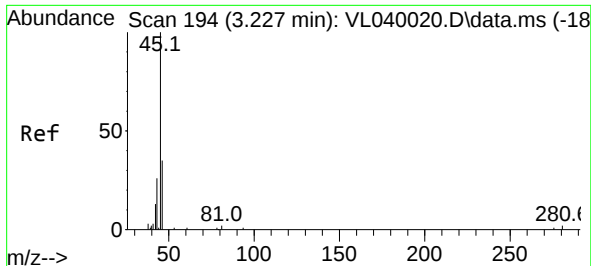
Tgt Ion: 49 Resp: 868848
Ion Ratio Lower Upper
49 100
128 46.8 22.4 67.3
130 61.1 28.9 86.8



#9
Propene
Concen: 0.041 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.016 min
Lab File: VL040083.D
Acq: 9 Jan 2023 19:43

Tgt Ion: 41 Resp: 2246
Ion Ratio Lower Upper
41 100
42 87.8 54.8 82.2#

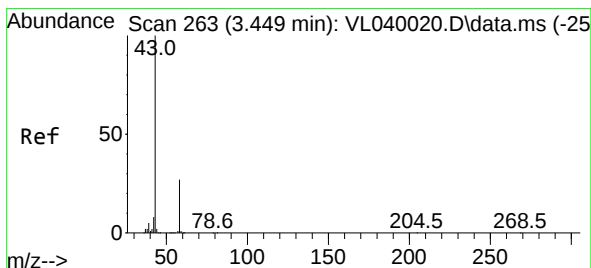
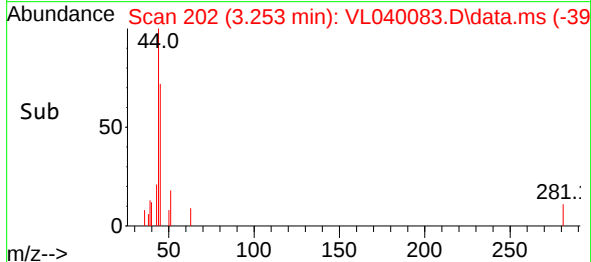
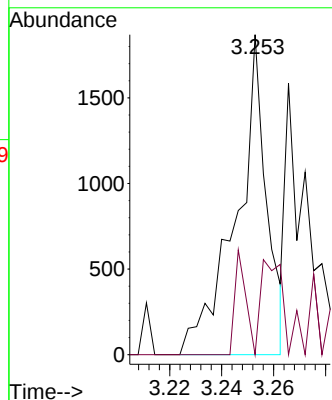
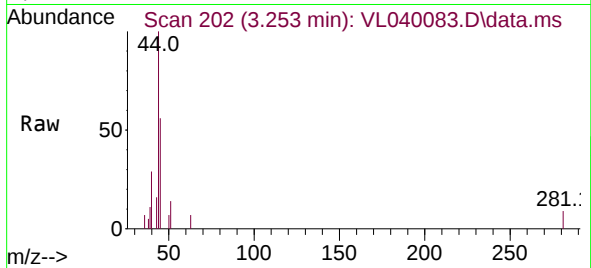




#13
Ethanol
Concen: 0.296 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL040083.D
Acq: 9 Jan 2023 19:43

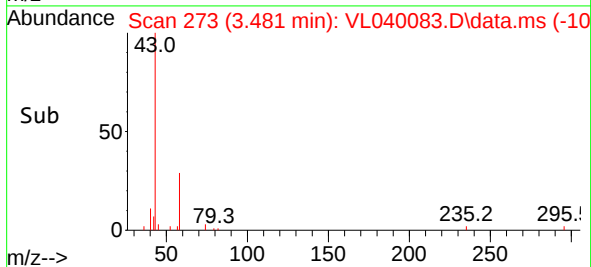
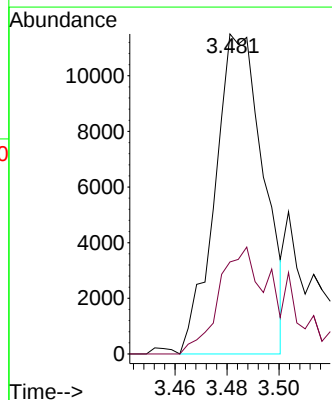
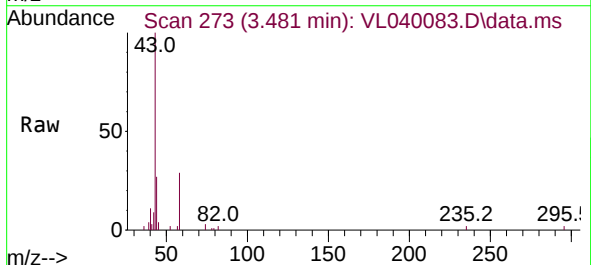
Instrument :
MSVOA_L
ClientSampleId :
QC010523 CAN 10279

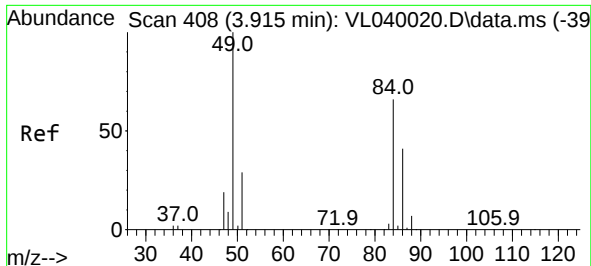
Tgt Ion: 45 Resp: 1518
Ion Ratio Lower Upper
45 100
46 31.7 13.7 54.7



#15
Acetone
Concen: 0.111 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.032 min
Lab File: VL040083.D
Acq: 9 Jan 2023 19:43

Tgt Ion: 43 Resp: 14943
Ion Ratio Lower Upper
43 100
58 47.8 21.8 32.8#





#20

Methylene Chloride

Concen: 0.090 ppbv

RT: 3.918 min Scan# 408

Delta R.T. 0.003 min

Lab File: VL040083.D

Acq: 9 Jan 2023 19:43

Instrument :

MSVOA_L

ClientSampleId :

QC010523 CAN 10279

Tgt Ion: 84 Resp: 5151

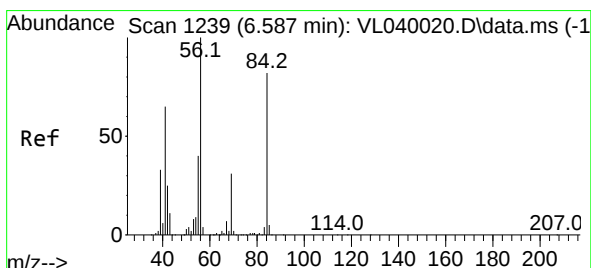
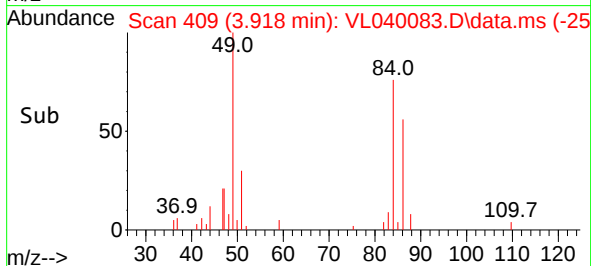
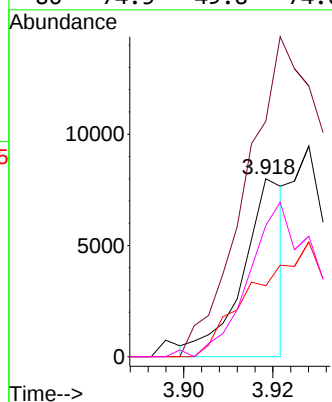
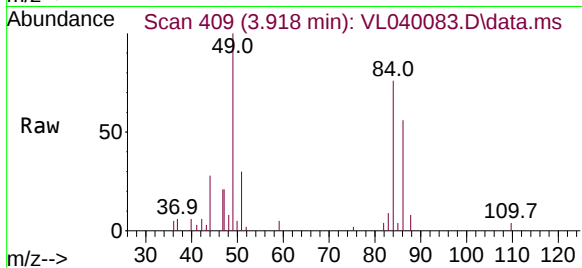
Ion Ratio Lower Upper

84 100

49 140.9 120.5 180.7

51 42.5 35.2 52.8

86 74.5 49.8 74.6



#30

Cyclohexane

Concen: 0.032 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. 0.045 min

Lab File: VL040083.D

Acq: 9 Jan 2023 19:43

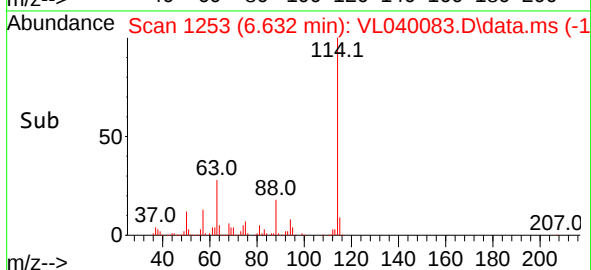
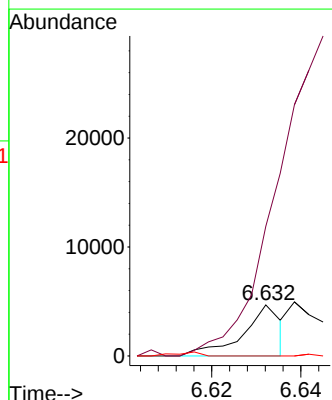
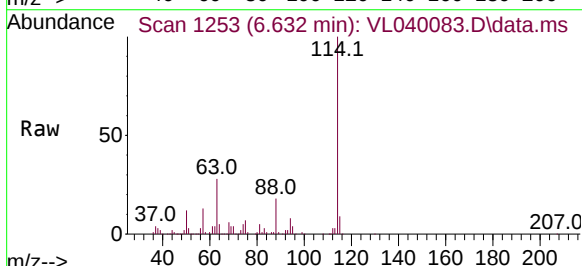
Tgt Ion: 84 Resp: 2776

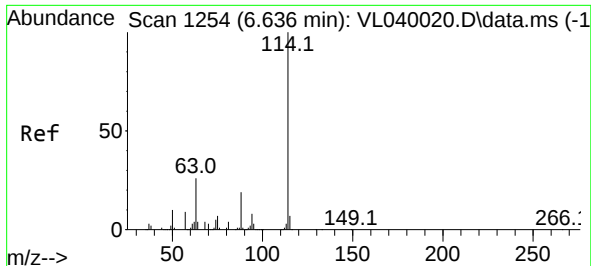
Ion Ratio Lower Upper

84 100

56 0.0 110.2 165.4#

41 5.0 67.8 101.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL040083.D

Acq: 9 Jan 2023 19:43

Instrument :

MSVOA_L

ClientSampleId :

QC010523 CAN 10279

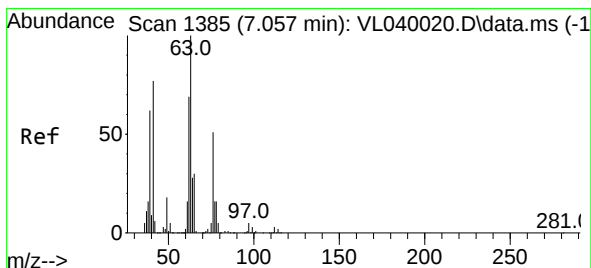
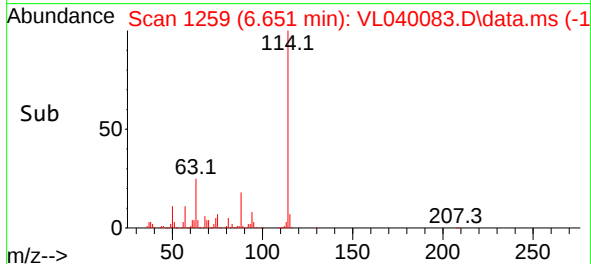
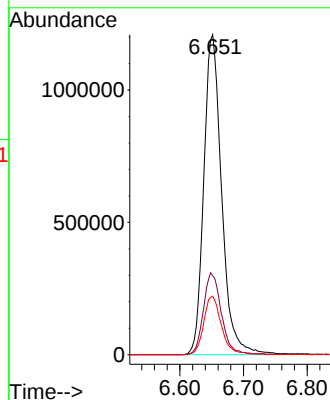
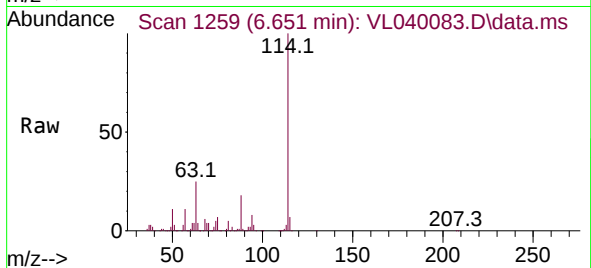
Tgt Ion:114 Resp: 2363655

Ion Ratio Lower Upper

114 100

63 25.9 20.2 30.2

88 18.2 14.6 21.8



#39

1,2-Dichloropropane

Concen: 7.619 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.408 min

Lab File: VL040083.D

Acq: 9 Jan 2023 19:43

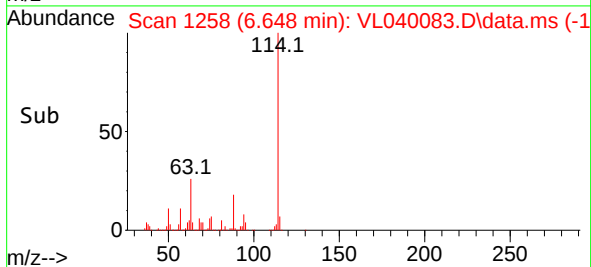
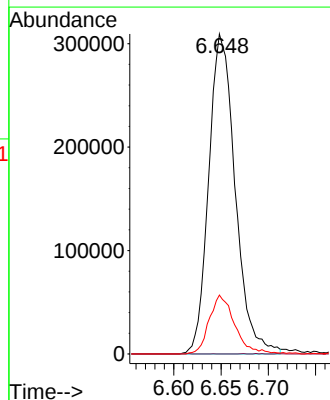
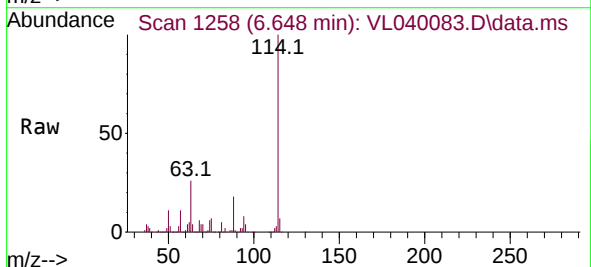
Tgt Ion: 63 Resp: 602844

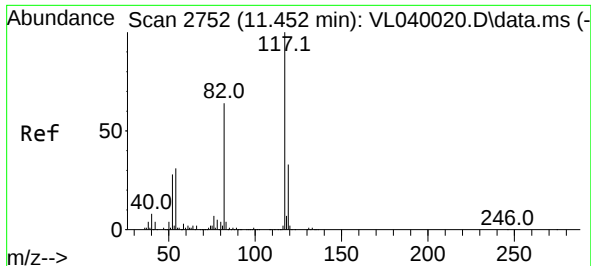
Ion Ratio Lower Upper

63 100

41 0.0 61.4 92.0#

62 18.4 55.4 83.2#

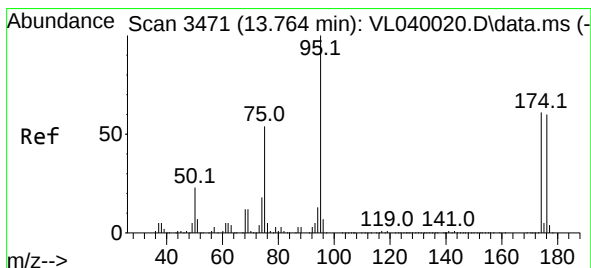
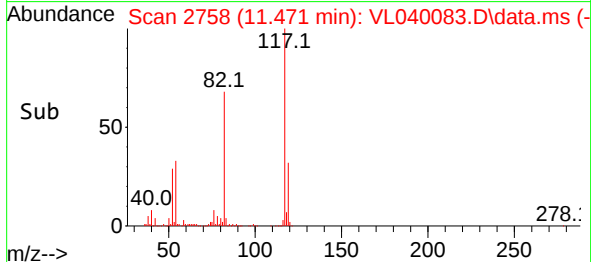
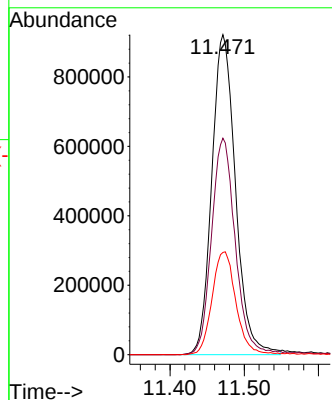
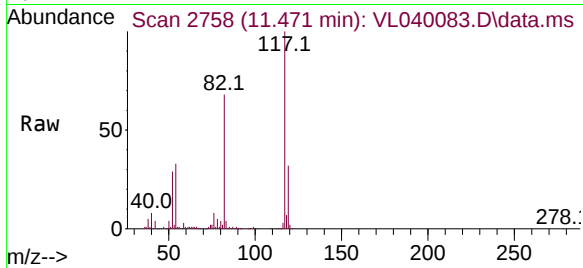




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040083.D
Acq: 9 Jan 2023 19:43

Instrument :
MSVOA_L
ClientSampleId :
QC010523 CAN 10279

Tgt Ion:117 Resp: 2046702
Ion Ratio Lower Upper
117 100
82 68.7 51.2 76.8
119 32.3 23.2 34.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.520 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.019 min
Lab File: VL040083.D
Acq: 9 Jan 2023 19:43

Tgt Ion: 95 Resp: 1644781
Ion Ratio Lower Upper
95 100
174 60.4 48.6 73.0
175 4.4 3.4 5.2

