

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\Not Reviewed Data\
 Data File : VL040096.D
 Acq On : 16 Jan 2023 13:26
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Jan 17 05:54:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

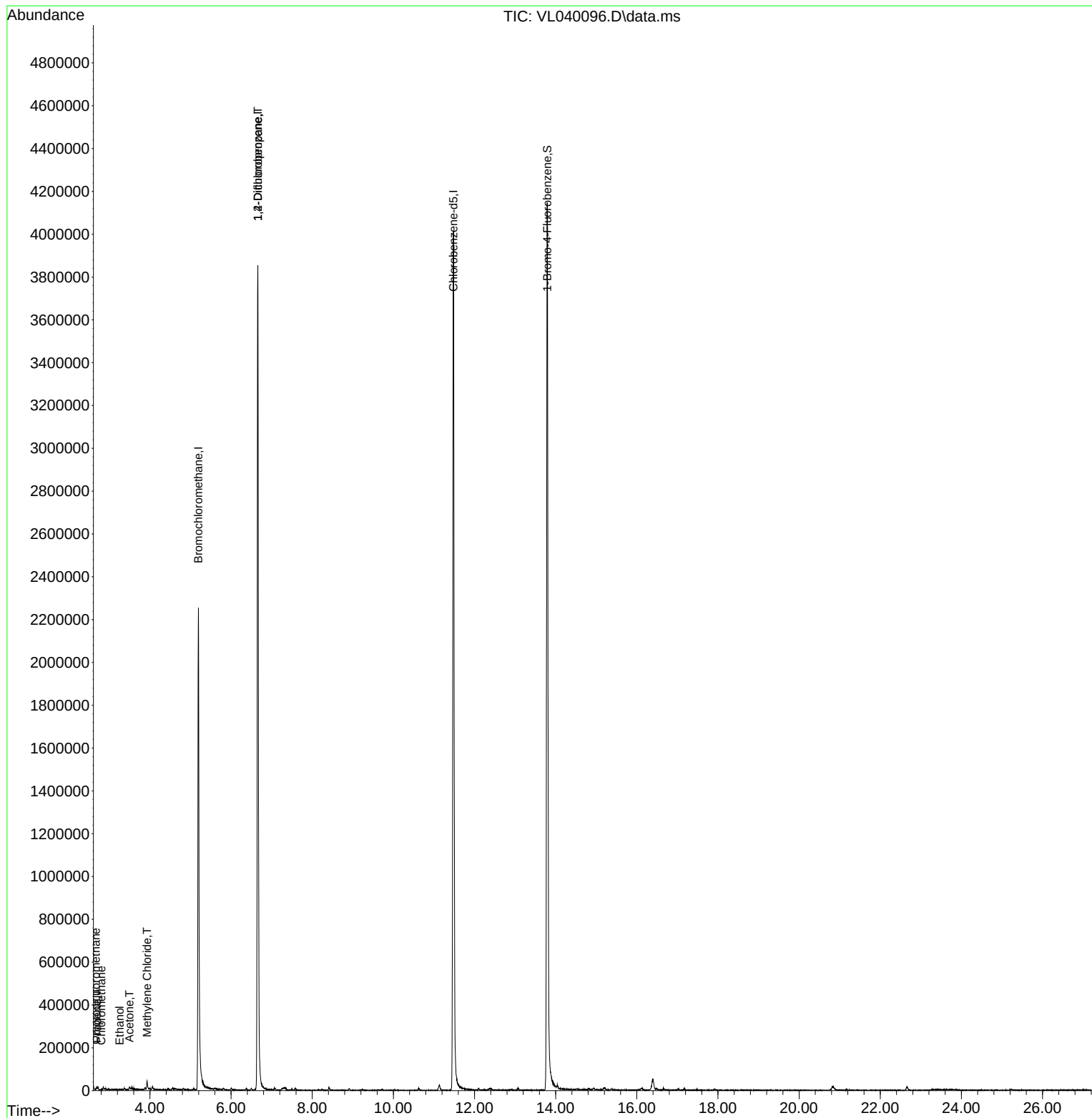
Internal Standards						
1) Bromochloromethane	5.195	49	1105720	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2804348	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2497342	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2085299	10.047	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.664	51	5297	0.040	ppbv #	91
4) Chloromethane	2.799	50	2583	0.032	ppbv #	83
9) Propene	2.693	41	4237	0.077	ppbv	100
13) Ethanol	3.253	45	227	0.045	ppbv #	38
15) Acetone	3.497	43	9364	0.071	ppbv #	69
20) Methylene Chloride	3.928	84	11377	0.194	ppbv #	87
39) 1,2-Dichloropropane	6.658	63	725593	8.939	ppbv #	23

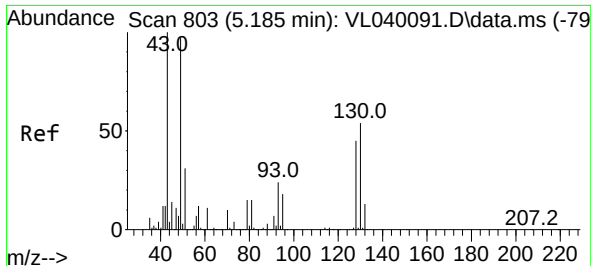
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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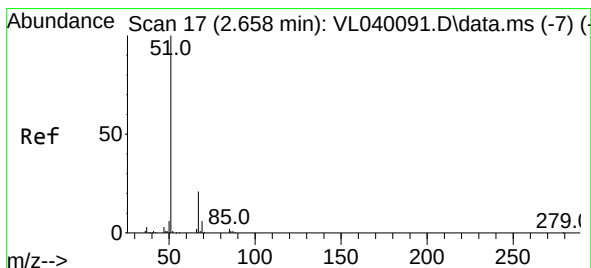
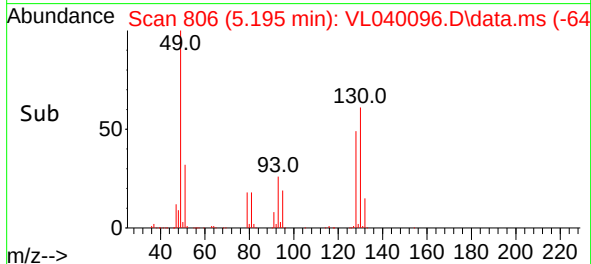
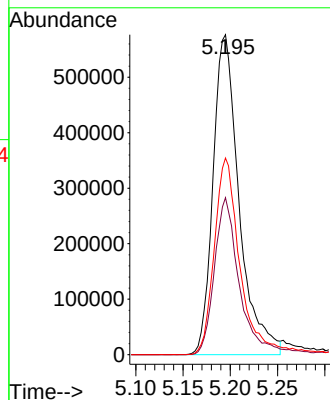
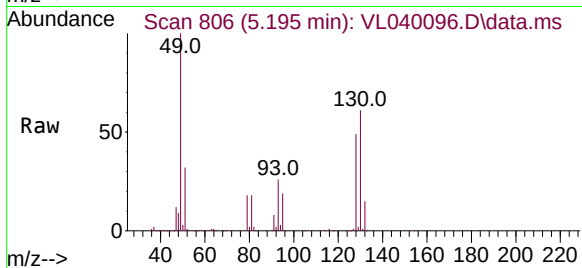




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

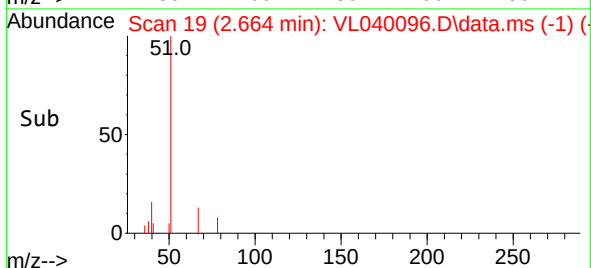
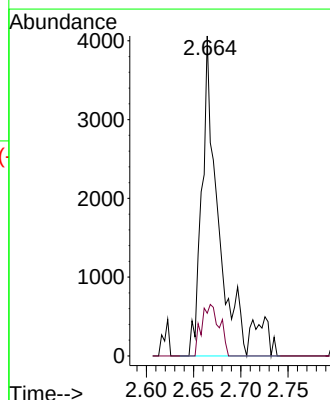
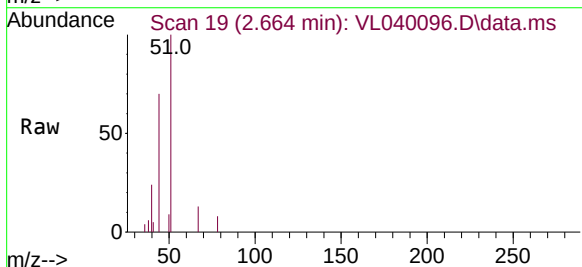
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

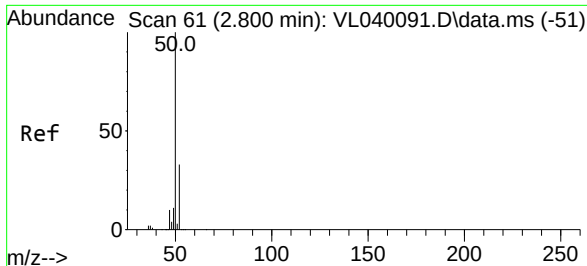
Tgt Ion: 49 Resp: 1105720
Ion Ratio Lower Upper
49 100
128 48.1 23.6 71.0
130 62.5 29.8 89.3



#3
Chlorodifluoromethane
Concen: 0.040 ppbv
RT: 2.664 min Scan# 19
Delta R.T. 0.006 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 51 Resp: 5297
Ion Ratio Lower Upper
51 100
67 16.3 16.4 24.6

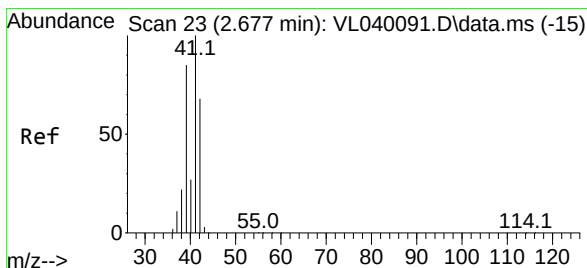
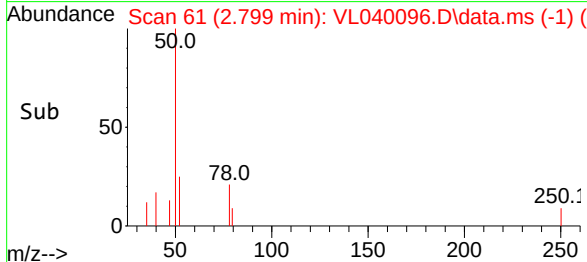
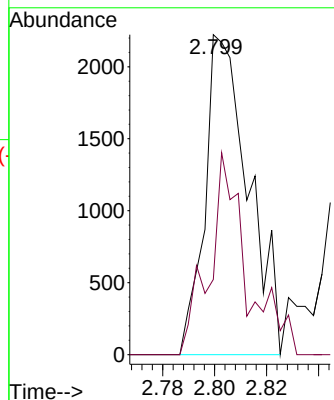
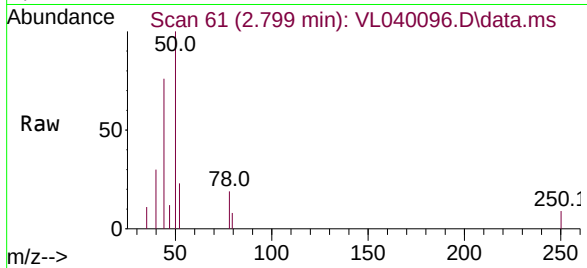




#4
Chloromethane
Concen: 0.032 ppbv
RT: 2.799 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

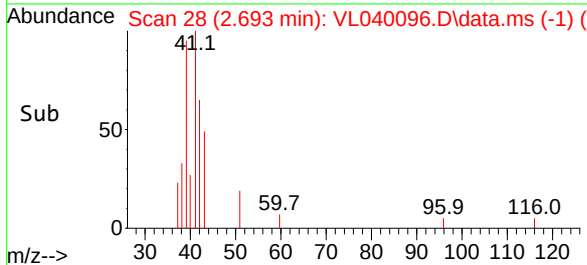
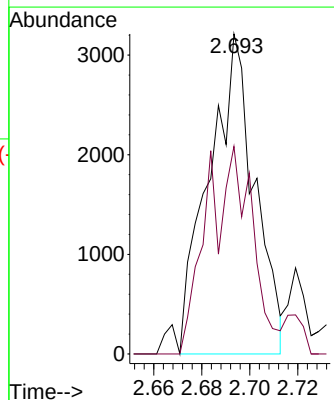
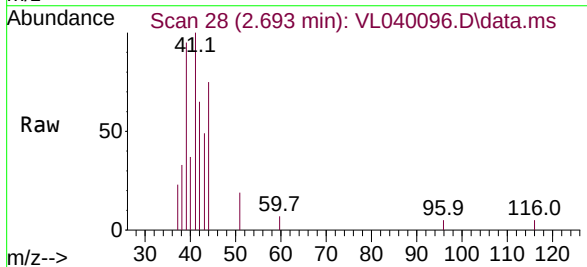
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

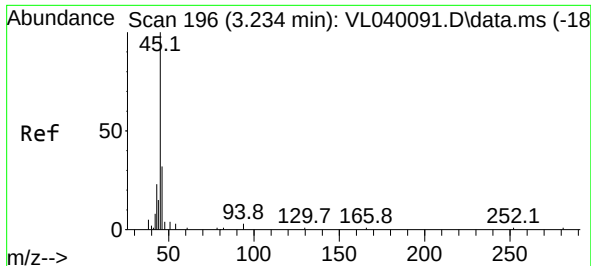
Tgt Ion: 50 Resp: 2583
Ion Ratio Lower Upper
50 100
52 23.5 26.5 39.7#



#9
Propene
Concen: 0.077 ppbv
RT: 2.693 min Scan# 28
Delta R.T. 0.016 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 41 Resp: 4237
Ion Ratio Lower Upper
41 100
42 69.2 55.6 83.4

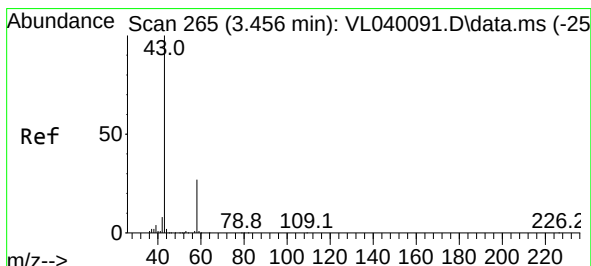
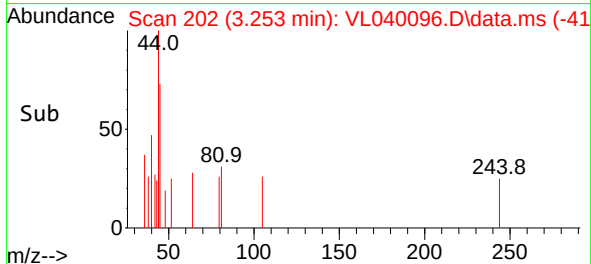
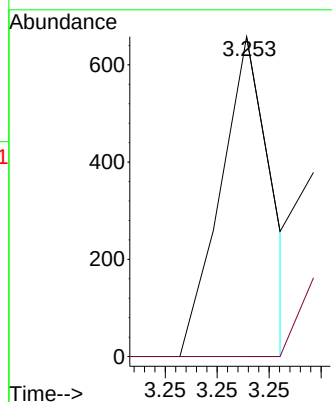
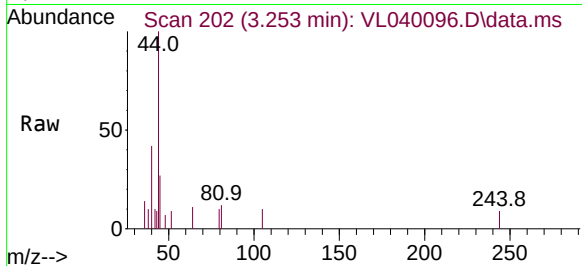




#13
 Ethanol
 Concen: 0.045 ppbv
 RT: 3.253 min Scan# 20
 Delta R.T. 0.019 min
 Lab File: VL040096.D
 Acq: 16 Jan 2023 13:26

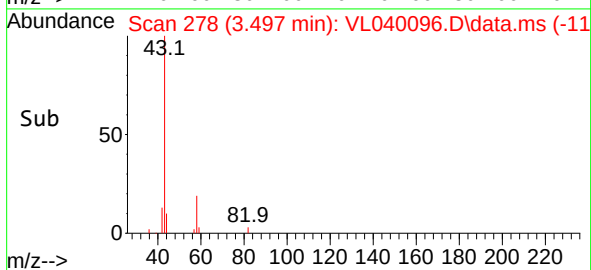
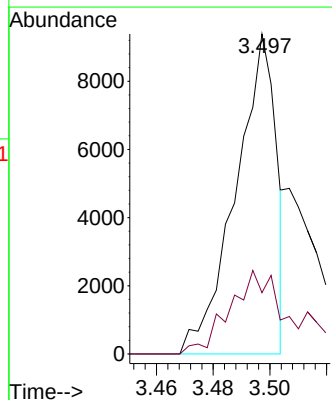
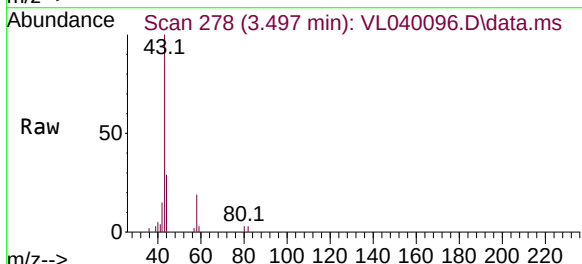
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.03

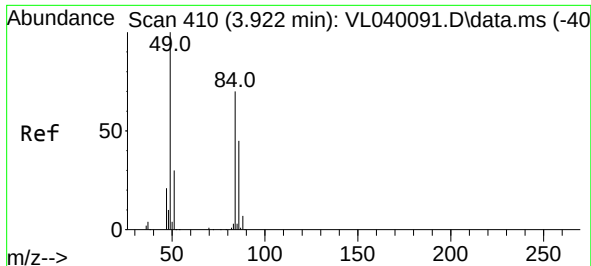
Tgt Ion: 45 Resp: 227
 Ion Ratio Lower Upper
 45 100
 46 0.0 14.8 59.2#



#15
 Acetone
 Concen: 0.071 ppbv
 RT: 3.497 min Scan# 278
 Delta R.T. 0.042 min
 Lab File: VL040096.D
 Acq: 16 Jan 2023 13:26

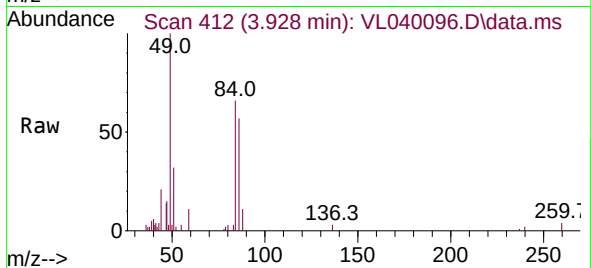
Tgt Ion: 43 Resp: 9364
 Ion Ratio Lower Upper
 43 100
 58 43.2 21.8 32.8#



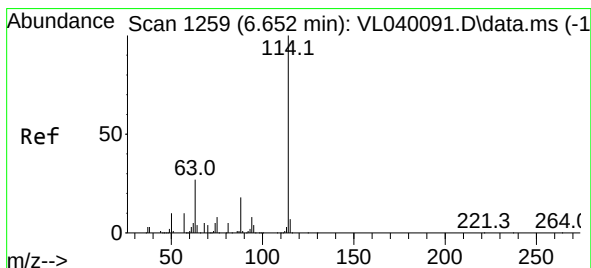
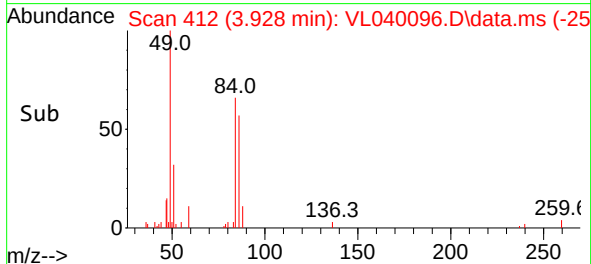
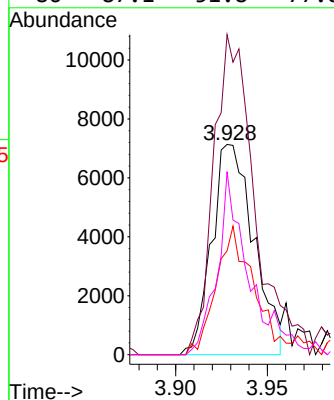


#20
Methylene Chloride
Concen: 0.194 ppbv
RT: 3.928 min Scan# 410
Delta R.T. 0.006 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

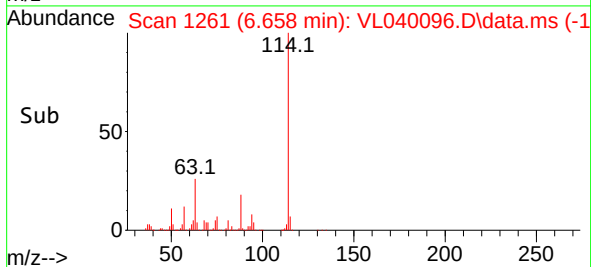
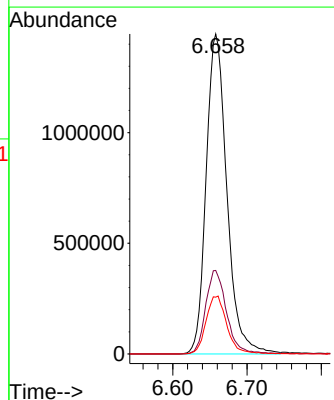
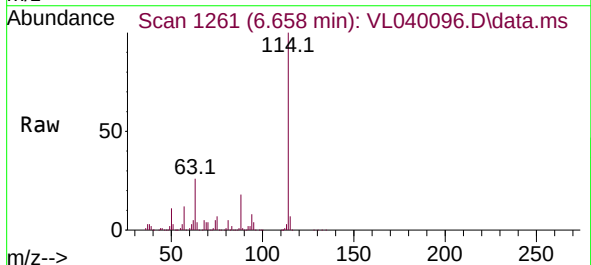


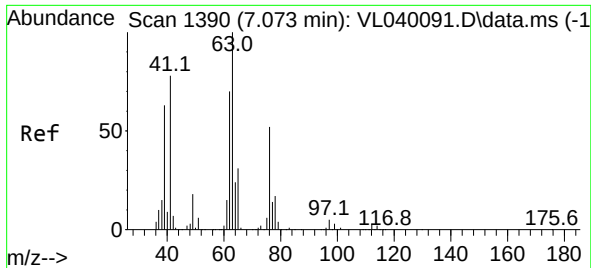
Tgt Ion: 84 Resp: 11377
Ion Ratio Lower Upper
84 100
49 152.3 114.6 171.8
51 49.4 34.3 51.5
86 87.1 51.8 77.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 114 Resp: 2804348
Ion Ratio Lower Upper
114 100
63 26.4 21.8 32.8
88 18.3 14.8 22.2





#39

1,2-Dichloropropane

Concen: 8.939 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.415 min

Lab File: VL040096.D

Acq: 16 Jan 2023 13:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

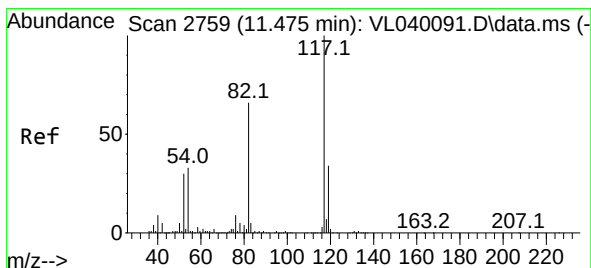
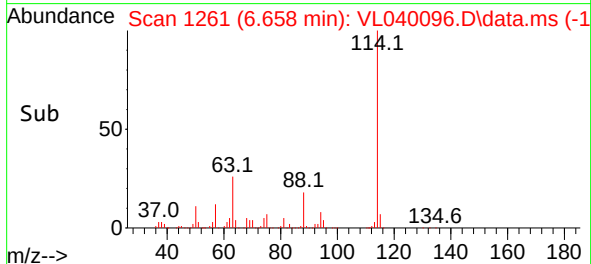
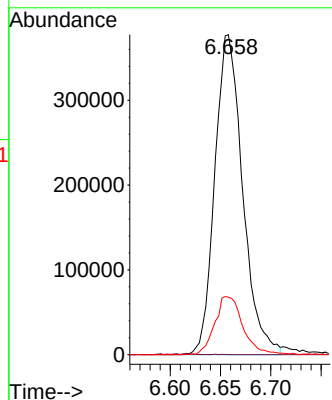
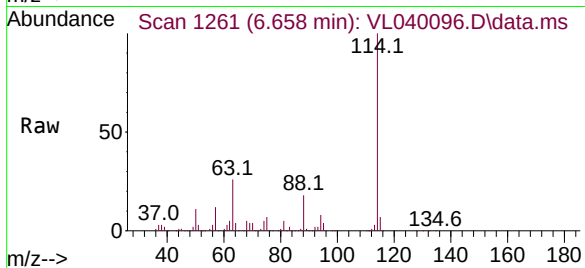
Tgt Ion: 63 Resp: 725593

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 18.0 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2761

Delta R.T. 0.006 min

Lab File: VL040096.D

Acq: 16 Jan 2023 13:26

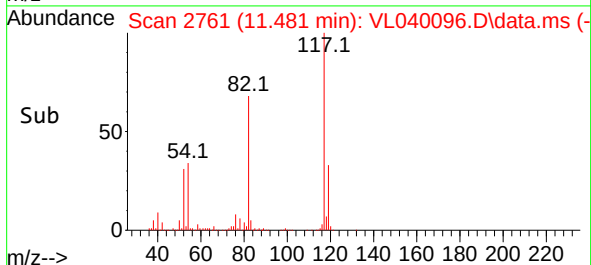
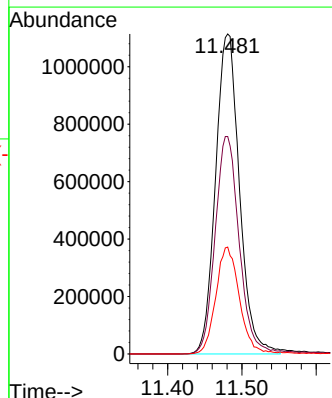
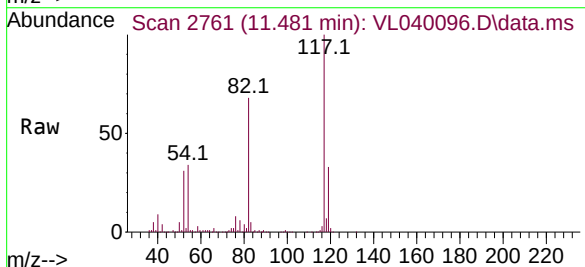
Tgt Ion: 117 Resp: 2497342

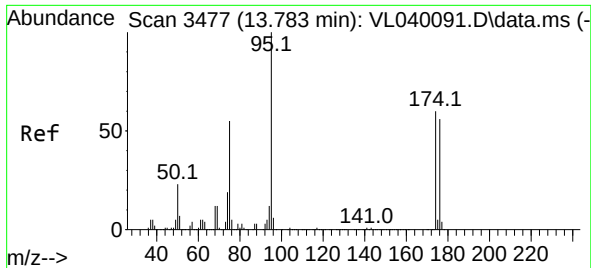
Ion Ratio Lower Upper

117 100

82 69.2 54.4 81.6

119 33.5 26.8 40.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.047 ppbv
 RT: 13.793 min Scan# 34
 Delta R.T. 0.010 min
 Lab File: VL040096.D
 Acq: 16 Jan 2023 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Tgt Ion: 95 Resp: 2085299
 Ion Ratio Lower Upper
 95 100
 174 59.1 47.7 71.5
 175 4.2 3.4 5.2

