

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040193.D
 Acq On : 21 Feb 2023 13:37
 Operator : SY/MD
 Sample : VL0221ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABL01

Quant Time: Feb 22 03:21:58 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 : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

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

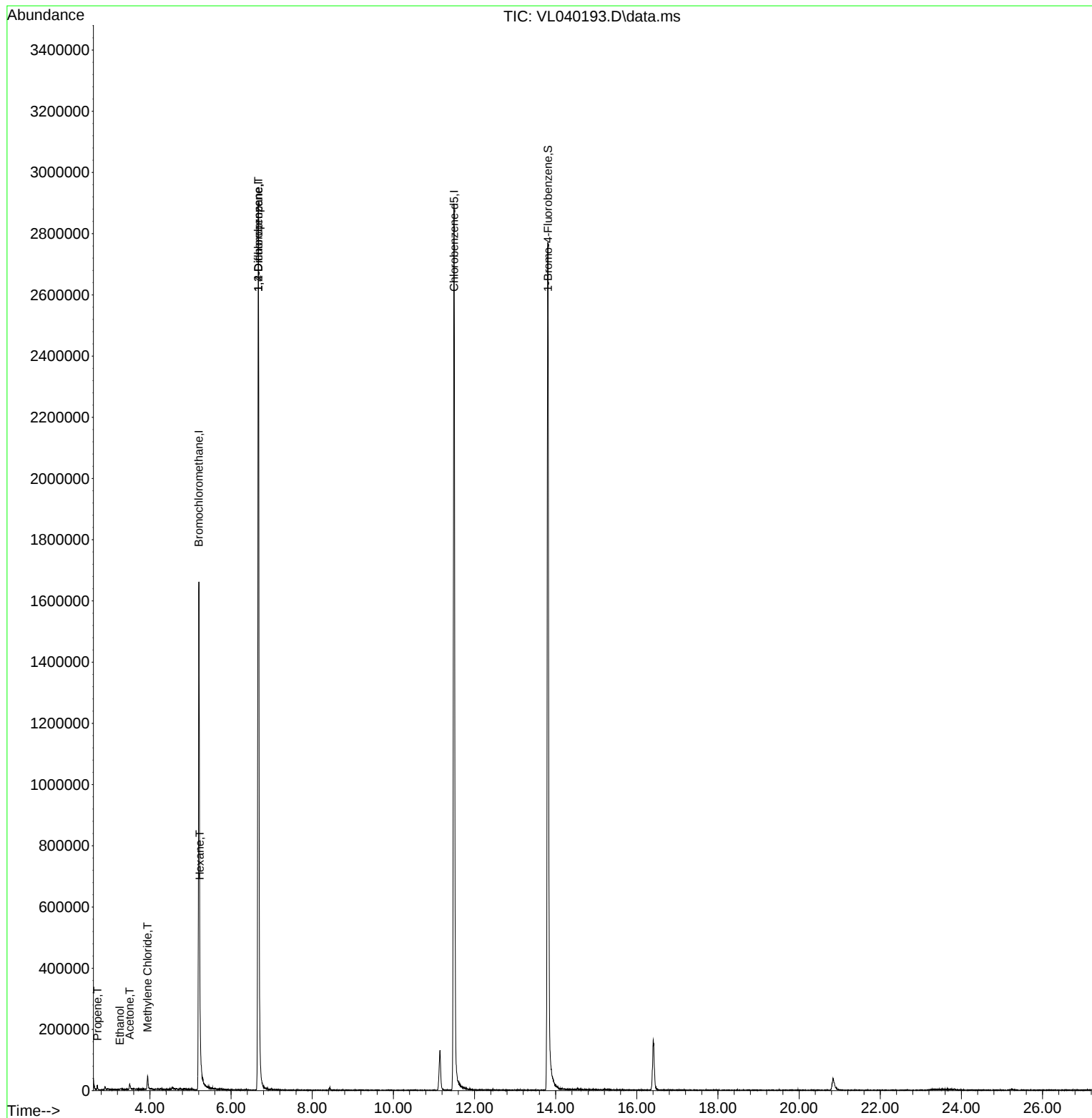
Internal Standards						
1) Bromochloromethane	5.205	49	836567	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2267248	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	1929570	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	1468578	9.256	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.600%
Target Compounds						
					Qvalue	
9) Propene	2.706	41	3487	0.086	ppbv	98
13) Ethanol	3.259	45	548	0.146	ppbv #	41
15) Acetone	3.501	43	15885	0.158	ppbv #	82
20) Methylene Chloride	3.944	84	13858	0.264	ppbv #	87
26) Hexane	5.227	57	3457	0.043	ppbv #	39
39) 1,2-Dichloropropane	6.671	63	540563	7.876	ppbv #	24

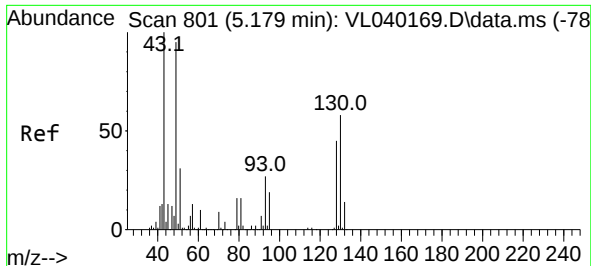
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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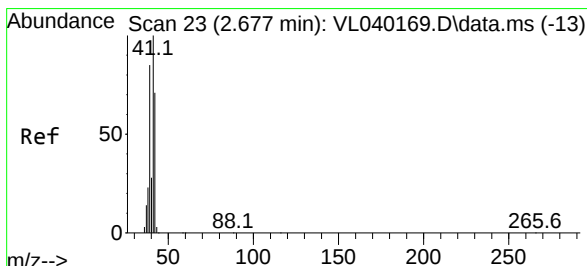
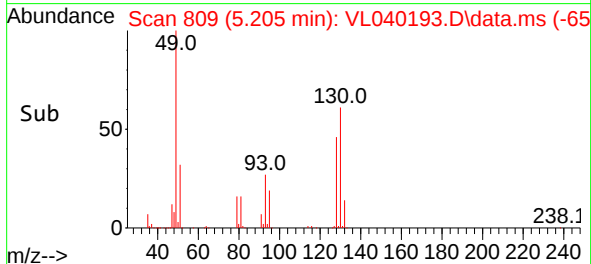
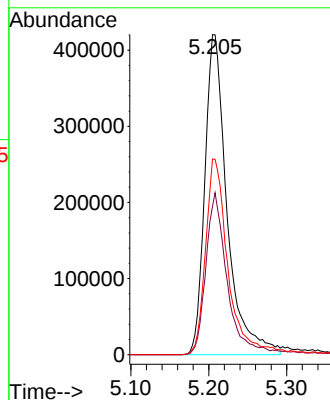
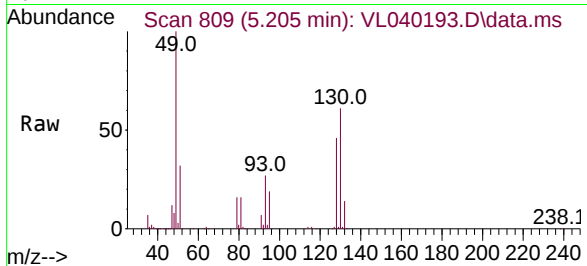




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040193.D
Acq: 21 Feb 2023 13:37

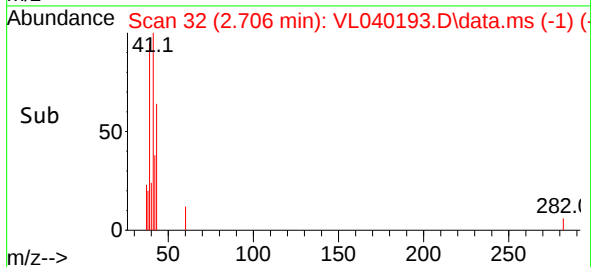
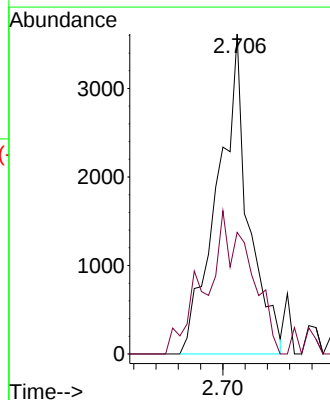
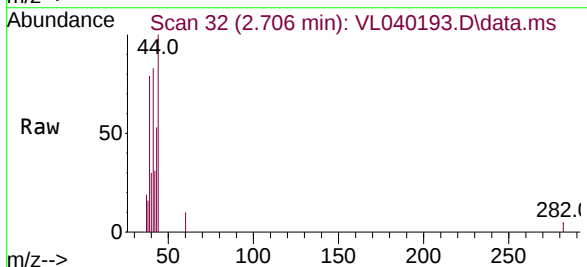
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABL01

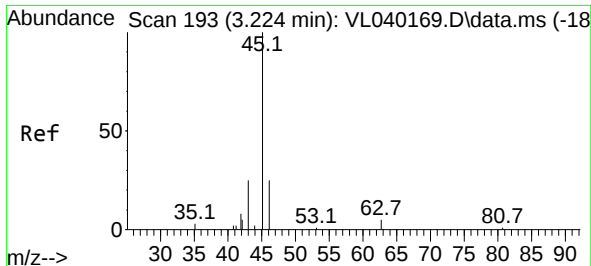
Tgt Ion: 49 Resp: 836567
Ion Ratio Lower Upper
49 100
128 49.8 24.1 72.3
130 63.5 30.9 92.8



#9
Propene
Concen: 0.086 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.013 min
Lab File: VL040193.D
Acq: 21 Feb 2023 13:37

Tgt Ion: 41 Resp: 3487
Ion Ratio Lower Upper
41 100
42 69.2 56.9 85.3

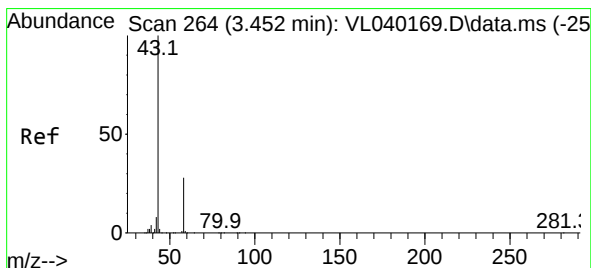
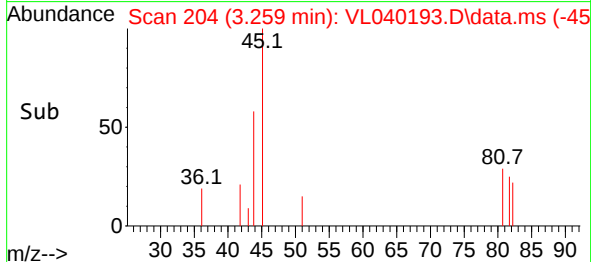
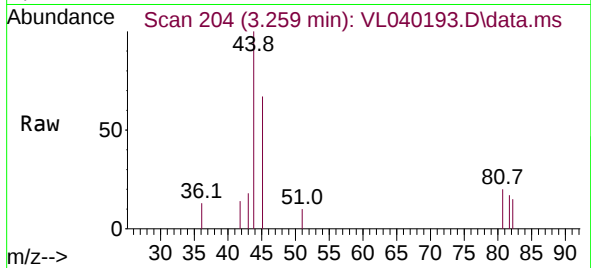




#13
Ethanol
Concen: 0.146 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.010 min
Lab File: VL040193.D
Acq: 21 Feb 2023 13:37

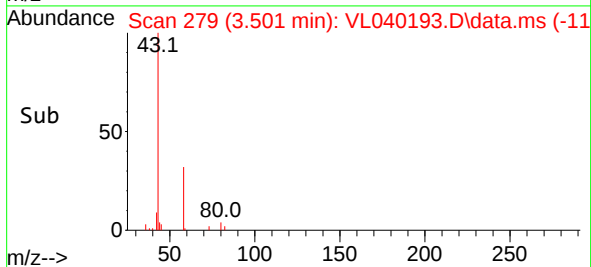
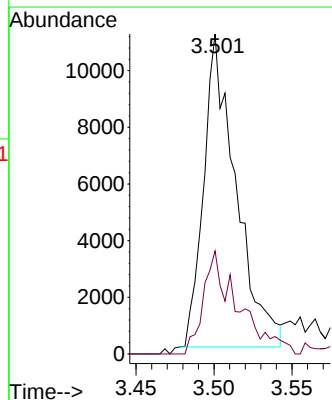
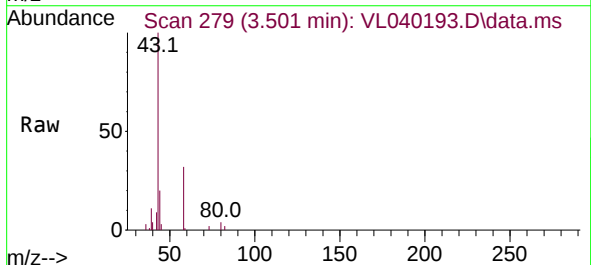
Instrument :
MSVOA_L
ClientSampleId :
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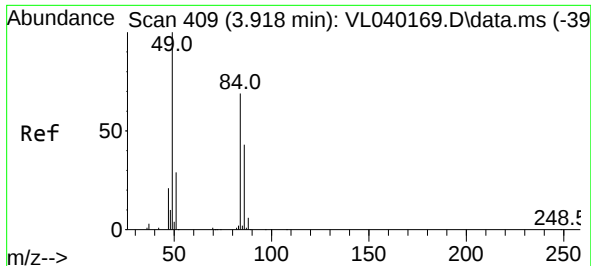
Tgt Ion: 45 Resp: 548
Ion Ratio Lower Upper
45 100
46 0.0 13.3 53.1#



#15
Acetone
Concen: 0.158 ppbv
RT: 3.501 min Scan# 279
Delta R.T. 0.029 min
Lab File: VL040193.D
Acq: 21 Feb 2023 13:37

Tgt Ion: 43 Resp: 15885
Ion Ratio Lower Upper
43 100
58 37.2 22.4 33.6#

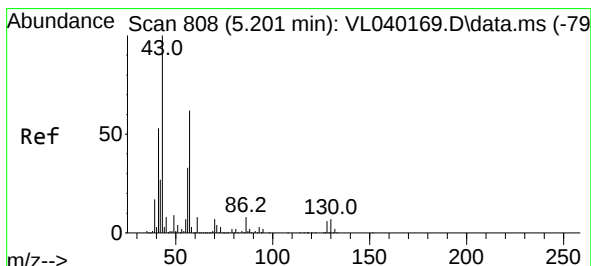
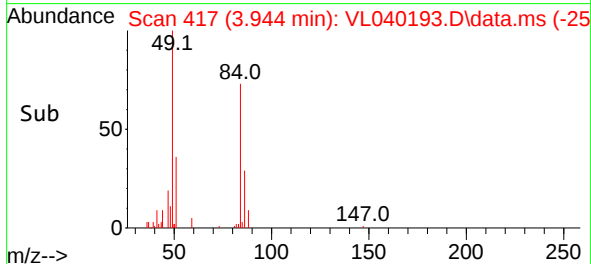
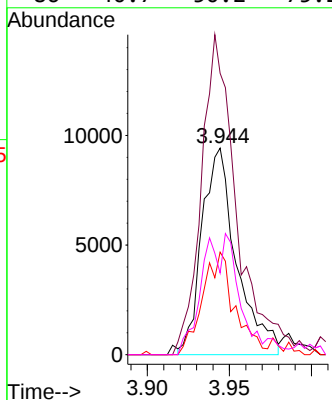
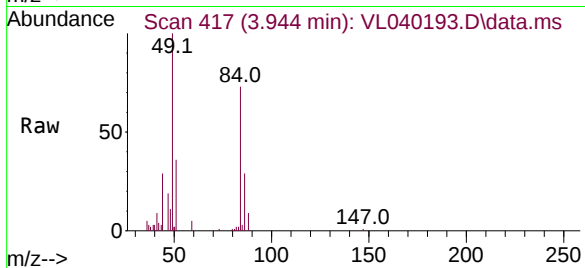




#20
Methylene Chloride
Concen: 0.264 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.006 min
Lab File: VL040193.D
Acq: 21 Feb 2023 13:37

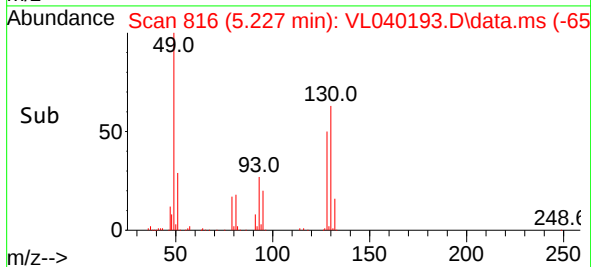
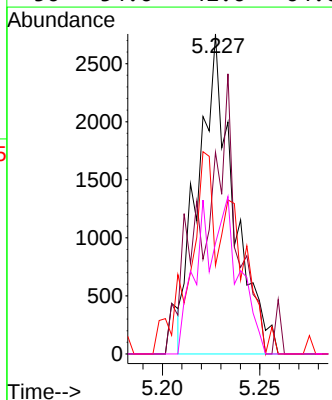
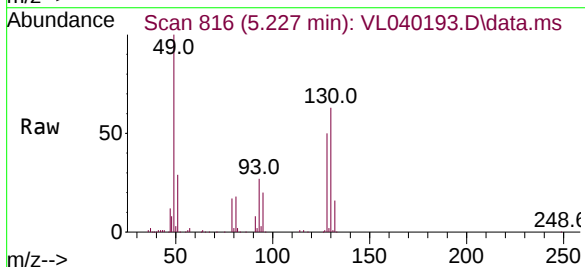
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABL01

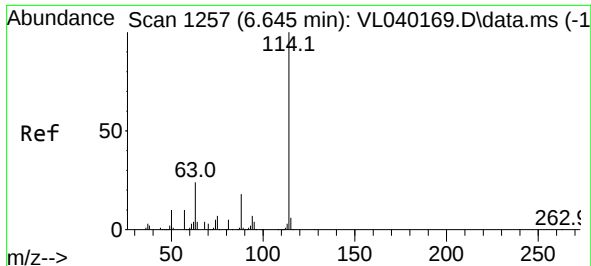
Tgt Ion: 84 Resp: 13858
Ion Ratio Lower Upper
84 100
49 136.8 115.5 173.3
51 51.1 33.1 49.7#
86 40.7 50.2 75.2#



#26
Hexane
Concen: 0.043 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.003 min
Lab File: VL040193.D
Acq: 21 Feb 2023 13:37

Tgt Ion: 57 Resp: 3457
Ion Ratio Lower Upper
57 100
41 86.1 74.3 111.5
43 79.2 193.0 289.4#
56 54.6 42.6 64.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.003 min

Lab File: VL040193.D

Acq: 21 Feb 2023 13:37

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABL01

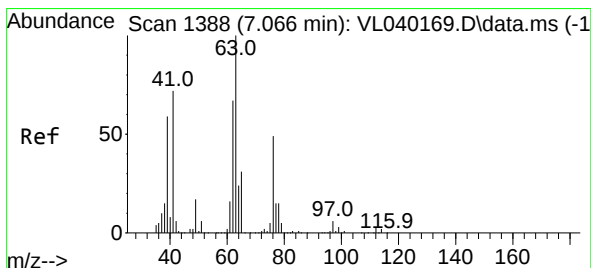
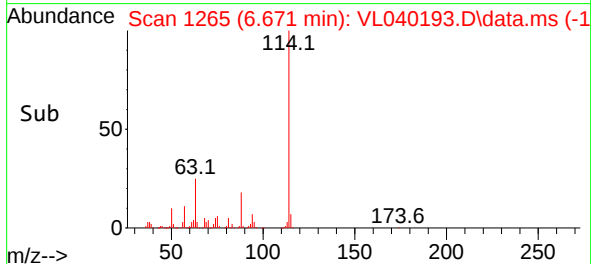
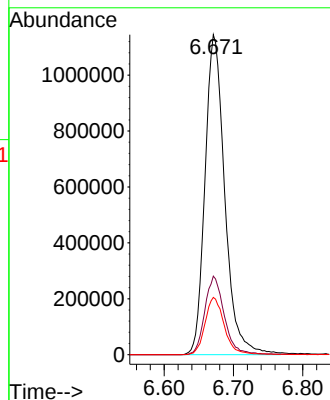
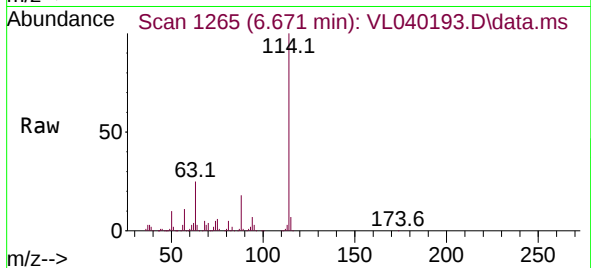
Tgt Ion:114 Resp: 2267248

Ion Ratio Lower Upper

114 100

63 24.4 20.4 30.6

88 17.6 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.876 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.424 min

Lab File: VL040193.D

Acq: 21 Feb 2023 13:37

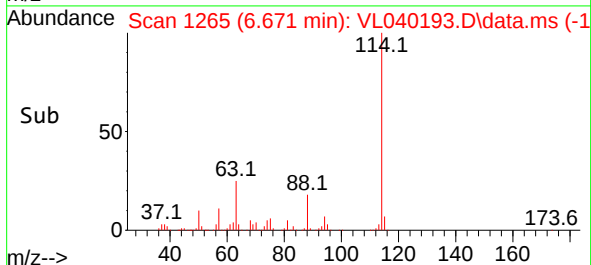
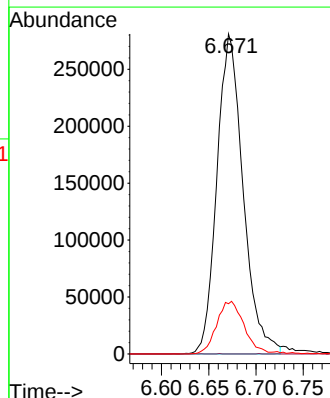
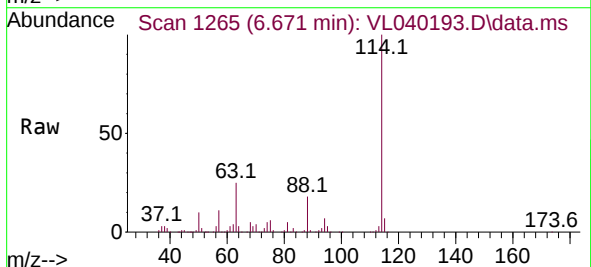
Tgt Ion: 63 Resp: 540563

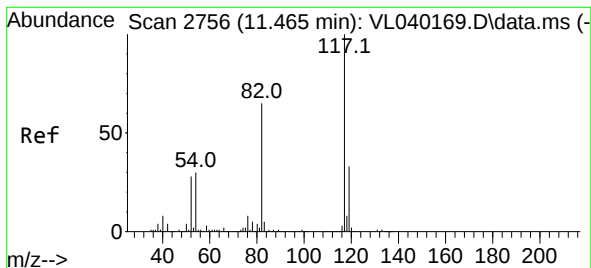
Ion Ratio Lower Upper

63 100

41 0.0 57.6 86.4#

62 15.7 54.0 81.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.497 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040193.D

Acq: 21 Feb 2023 13:37

Instrument :

MSVOA_1

ClientSampleId :

VL0221ABL01

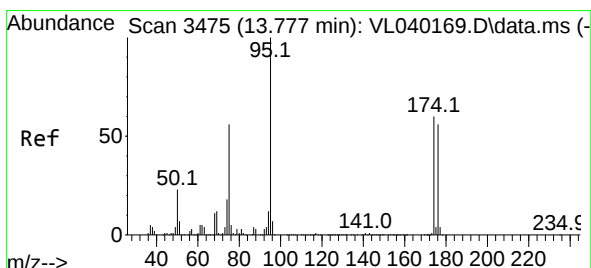
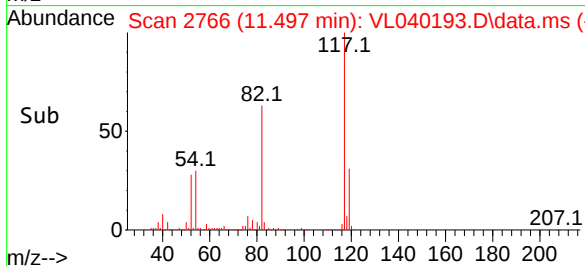
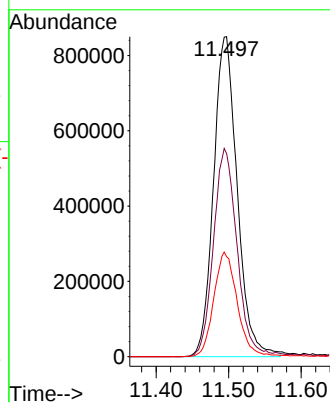
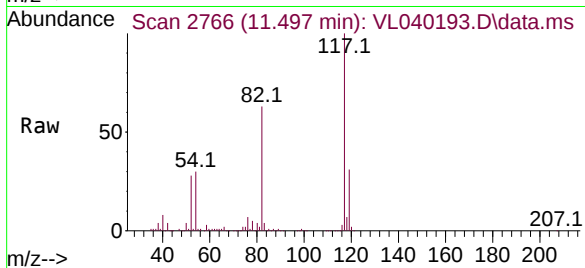
Tgt Ion:117 Resp: 1929570

Ion Ratio Lower Upper

117 100

82 65.7 53.3 79.9

119 32.8 24.6 37.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.256 ppbv

RT: 13.809 min Scan# 3485

Delta R.T. 0.003 min

Lab File: VL040193.D

Acq: 21 Feb 2023 13:37

Tgt Ion: 95 Resp: 1468578

Ion Ratio Lower Upper

95 100

174 60.3 48.2 72.2

175 4.2 3.4 5.2

