

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040247.D
 Acq On : 8 Mar 2023 10:11
 Operator : SY/MD
 Sample : VL0308ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABL01

Quant Time: Mar 09 04:09:35 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 Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

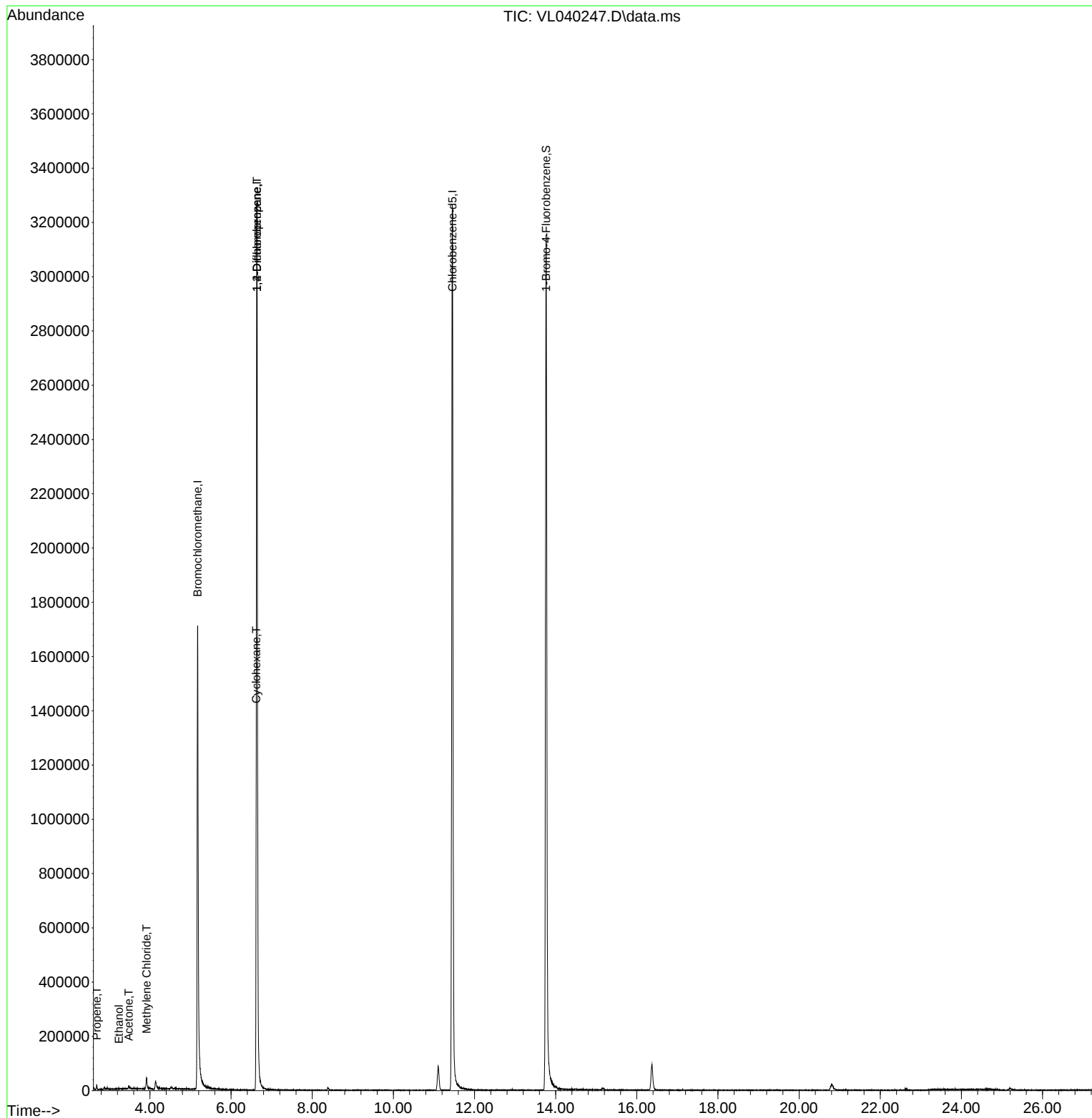
Internal Standards						
1) Bromochloromethane	5.172	49	878209	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.635	114	2477251	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	2067941	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1642114	9.657	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	4106	0.096	ppbv	84
13) Ethanol	3.237	45	198	0.050	ppbv #	41
15) Acetone	3.478	43	9244	0.087	ppbv #	58
20) Methylene Chloride	3.918	84	12761	0.232	ppbv	92
30) Cyclohexane	6.619	84	3057	0.046	ppbv #	1
39) 1,2-Dichloropropane	6.635	63	629263	8.391	ppbv #	26

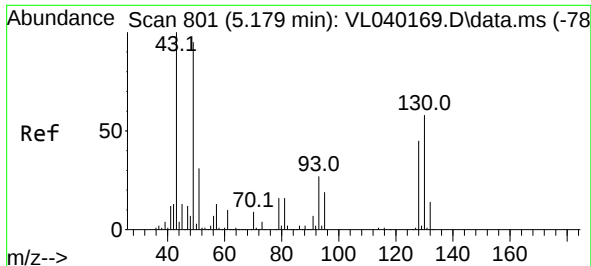
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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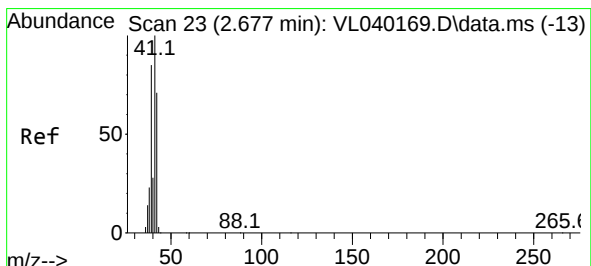
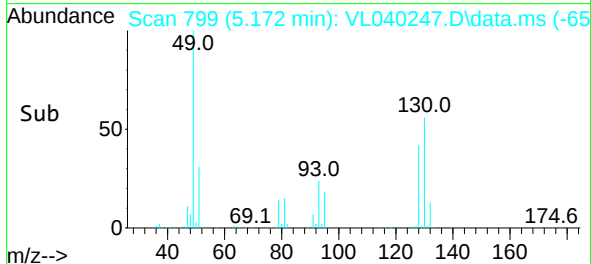
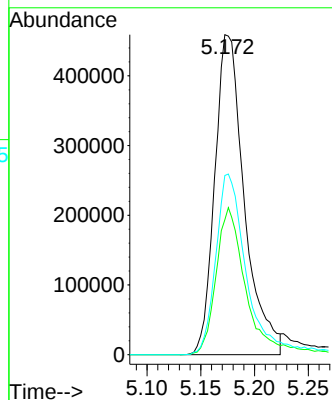
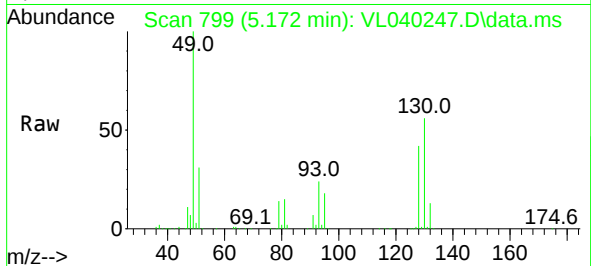




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. -0.029 min
Lab File: VL040247.D
Acq: 8 Mar 2023 10:11

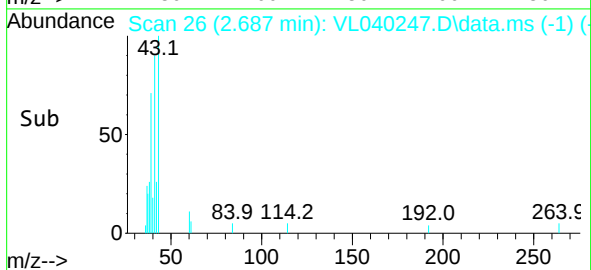
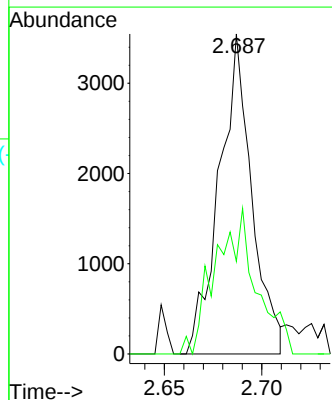
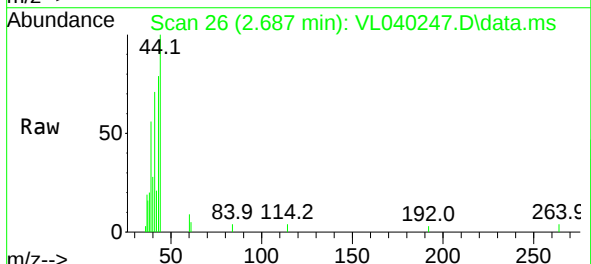
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABL01

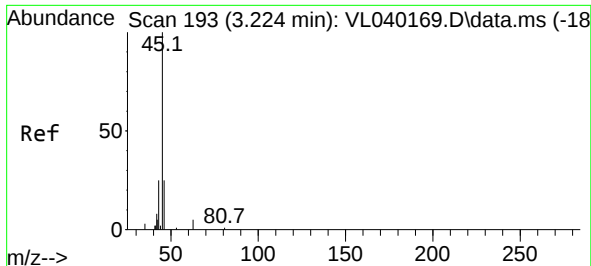
Tgt Ion: 49 Resp: 878209
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 60.3 30.9 92.8



#9
Propene
Concen: 0.096 ppbv
RT: 2.687 min Scan# 26
Delta R.T. -0.003 min
Lab File: VL040247.D
Acq: 8 Mar 2023 10:11

Tgt Ion: 41 Resp: 4106
Ion Ratio Lower Upper
41 100
42 57.6 56.9 85.3

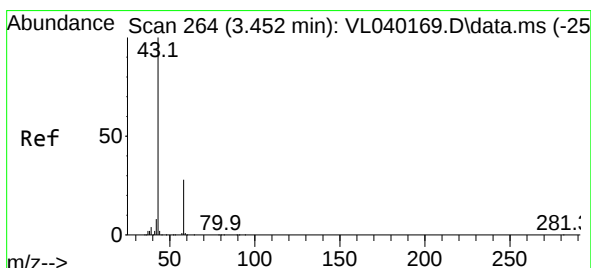
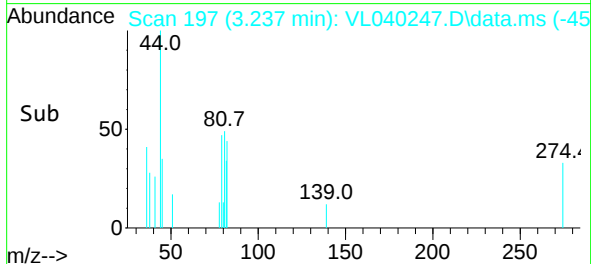
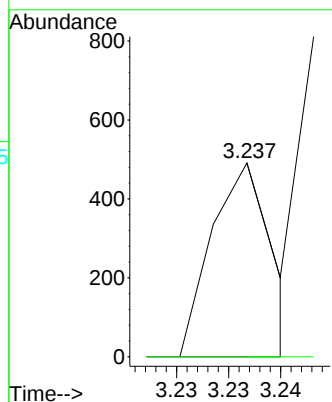
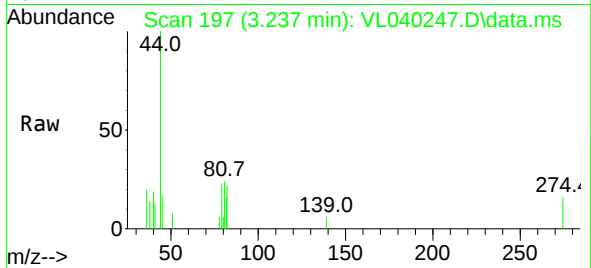




#13
 Ethanol
 Concen: 0.050 ppbv
 RT: 3.237 min Scan# 193
 Delta R.T. -0.010 min
 Lab File: VL040247.D
 Acq: 8 Mar 2023 10:11

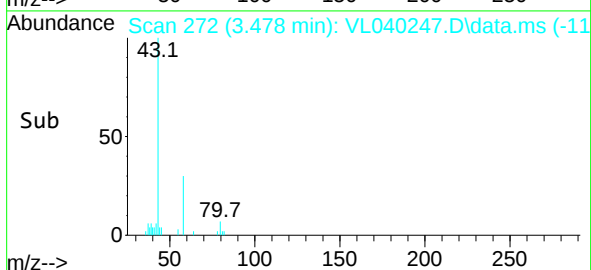
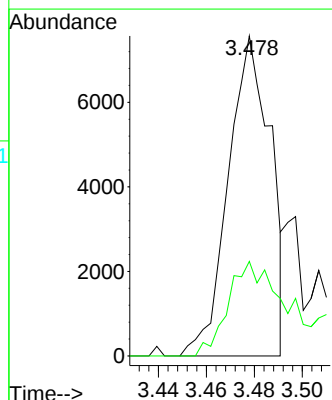
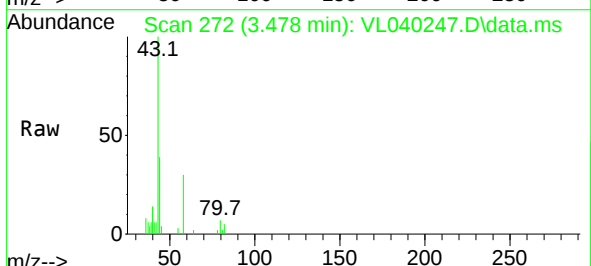
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABL01

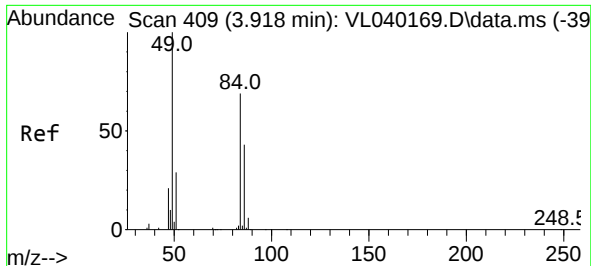
Tgt Ion: 45 Resp: 198
 Ion Ratio Lower Upper
 45 100
 46 0.0 13.3 53.1#



#15
 Acetone
 Concen: 0.087 ppbv
 RT: 3.478 min Scan# 272
 Delta R.T. 0.010 min
 Lab File: VL040247.D
 Acq: 8 Mar 2023 10:11

Tgt Ion: 43 Resp: 9244
 Ion Ratio Lower Upper
 43 100
 58 50.2 22.4 33.6#



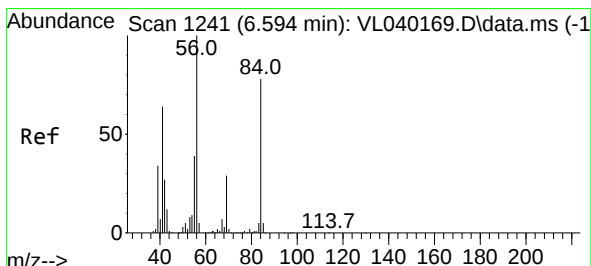
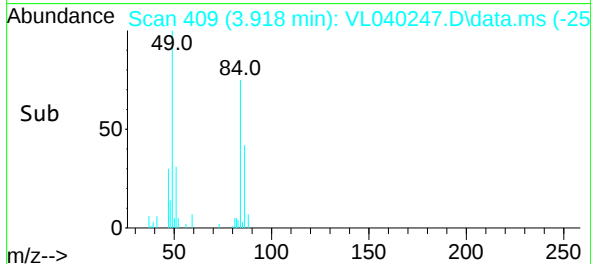
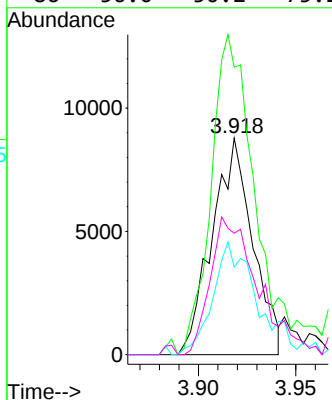
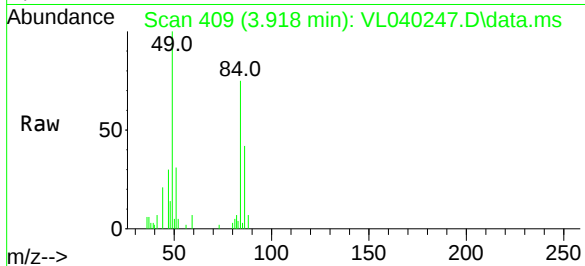


#20
Methylene Chloride
Concen: 0.232 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.016 min
Lab File: VL040247.D
Acq: 8 Mar 2023 10:11

Instrument :
MSVOA_L
ClientSampleId :
VL0308ABL01

Tgt Ion: 84 Resp: 12761

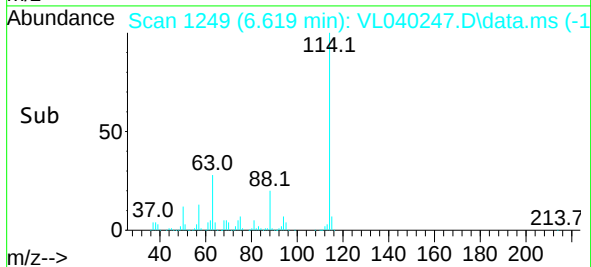
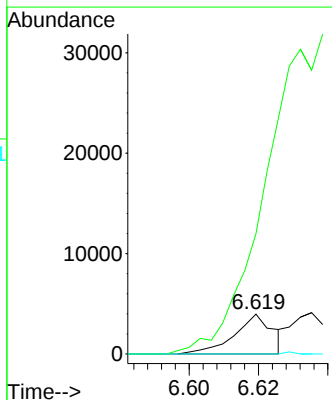
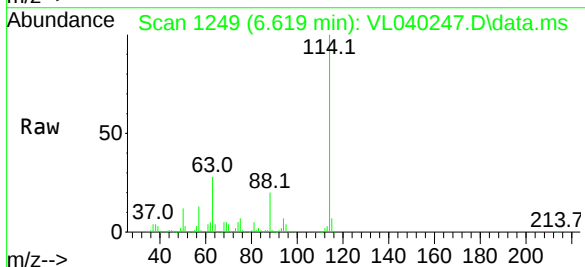
Ion	Ratio	Lower	Upper
84	100		
49	132.7	115.5	173.3
51	40.5	33.1	49.7
86	56.0	50.2	75.2

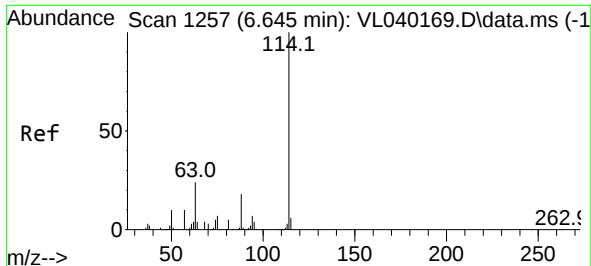


#30
Cyclohexane
Concen: 0.046 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VL040247.D
Acq: 8 Mar 2023 10:11

Tgt Ion: 84 Resp: 3057

Ion	Ratio	Lower	Upper
84	100		
56	0.0	109.9	164.9#
41	2.0	67.8	101.6#

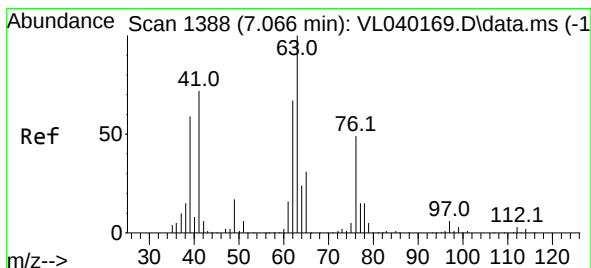
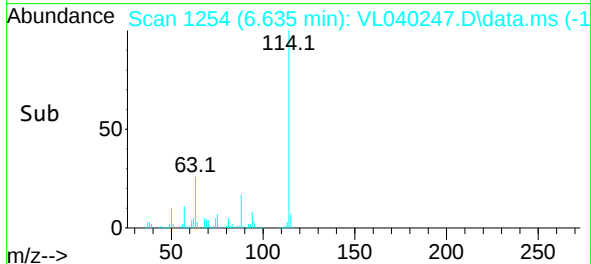
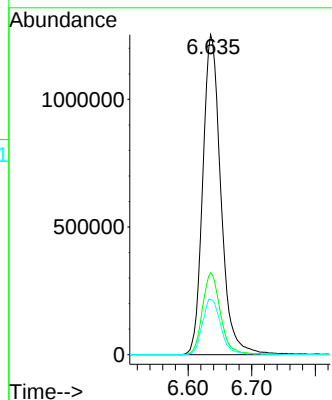
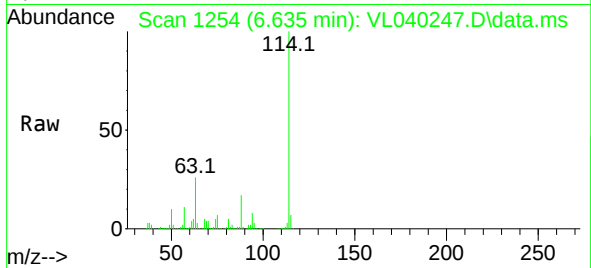




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.635 min Scan# 11
Delta R.T. -0.029 min
Lab File: VL040247.D
Acq: 8 Mar 2023 10:11

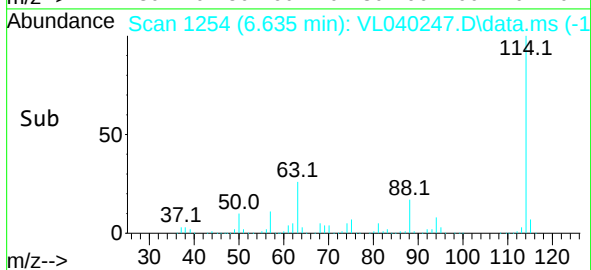
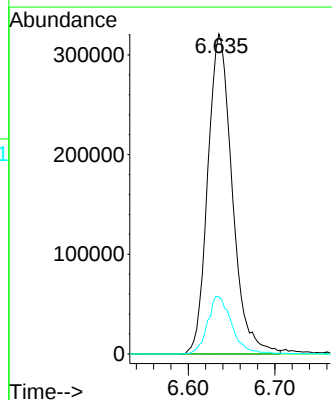
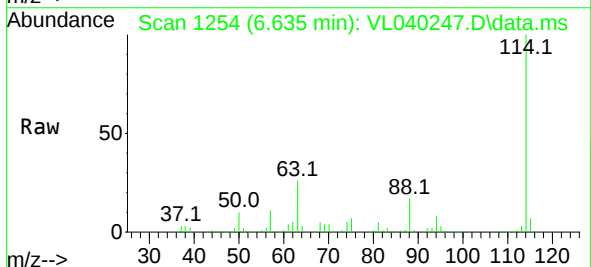
Instrument :
MSVOA_L
ClientSampleId :
VL0308ABL01

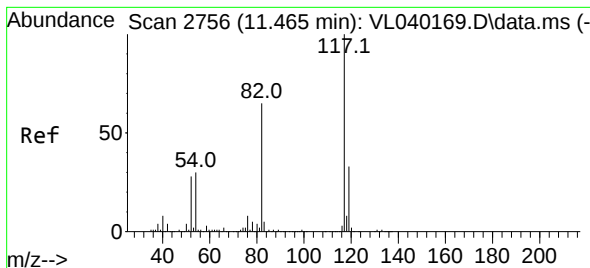
Tgt Ion:114 Resp: 2477251
Ion Ratio Lower Upper
114 100
63 25.7 20.4 30.6
88 17.8 14.3 21.5



#39
1,2-Dichloropropane
Concen: 8.391 ppbv
RT: 6.635 min Scan# 1254
Delta R.T. -0.450 min
Lab File: VL040247.D
Acq: 8 Mar 2023 10:11

Tgt Ion: 63 Resp: 629263
Ion Ratio Lower Upper
63 100
41 0.0 57.6 86.4#
62 17.9 54.0 81.0#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 21

Delta R.T. -0.032 min

Lab File: VL040247.D

Acq: 8 Mar 2023 10:11

Instrument :

MSVOA_1

ClientSampleId :

VL0308ABL01

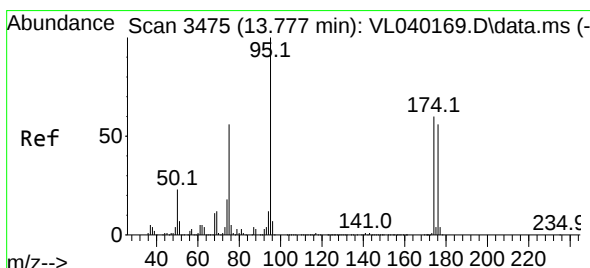
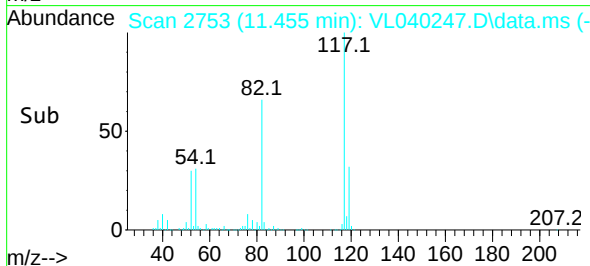
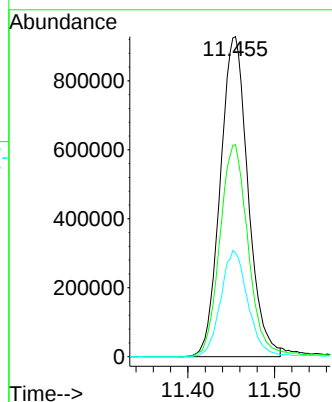
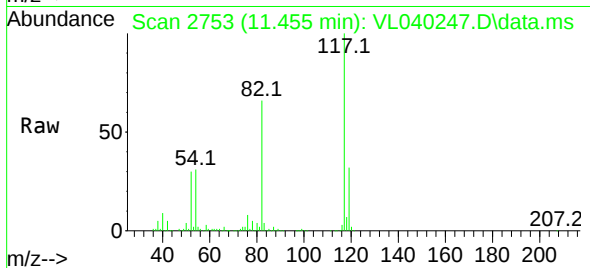
Tgt Ion:117 Resp: 2067941

Ion Ratio Lower Upper

117 100

82 68.7 53.3 79.9

119 33.1 24.6 37.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.657 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. -0.032 min

Lab File: VL040247.D

Acq: 8 Mar 2023 10:11

Tgt Ion: 95 Resp: 1642114

Ion Ratio Lower Upper

95 100

174 59.2 48.2 72.2

175 4.2 3.4 5.2

