

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022723\
 Data File : VL040230.D
 Acq On : 27 Feb 2023 11:15
 Operator : SY/MD
 Sample : VL0227ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABL01

Quant Time: Feb 28 00:17:13 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 : Tue Feb 28 00:12:21 2023
 Response via : Initial Calibration

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

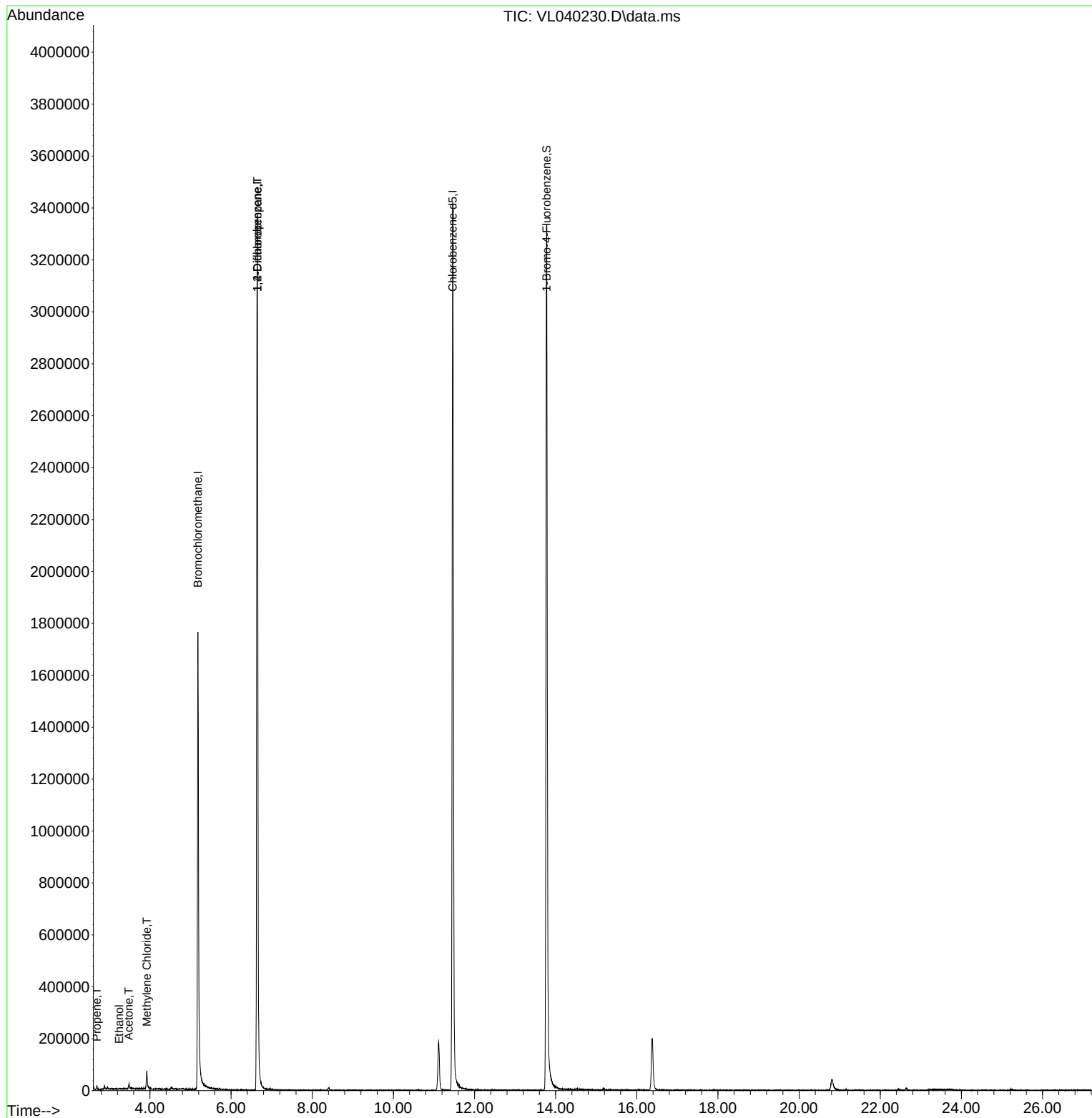
Internal Standards						
1) Bromochloromethane	5.182	49	936568	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2574354	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2185823	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1696302	9.438	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.400%
Target Compounds						
					Qvalue	
9) Propene	2.690	41	2294	0.050	ppbv #	14
13) Ethanol	3.240	45	365	0.087	ppbv #	16
15) Acetone	3.478	43	17772	0.158	ppbv #	81
20) Methylene Chloride	3.925	84	21561	0.367	ppbv #	81
39) 1,2-Dichloropropane	6.645	63	652915	8.378	ppbv #	25

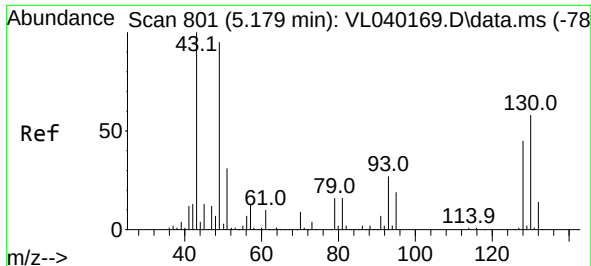
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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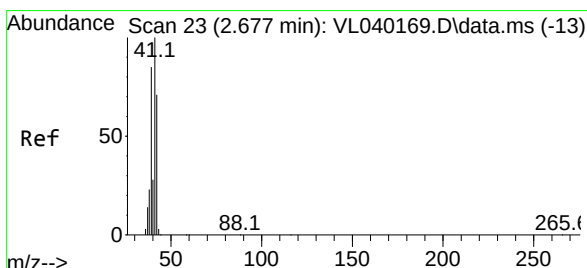
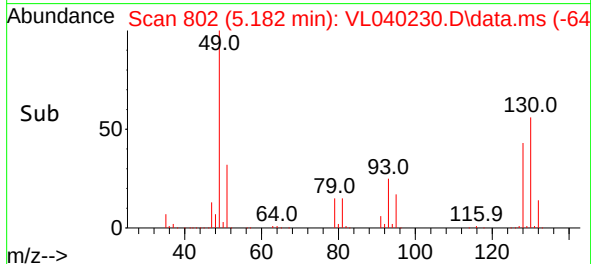
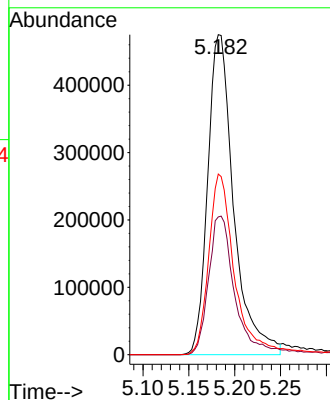
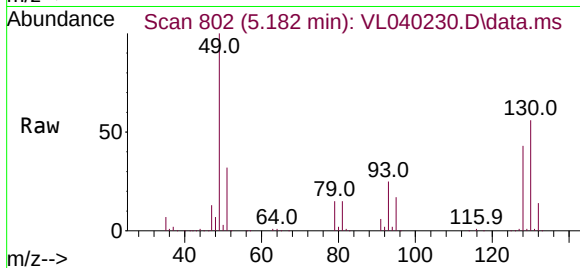




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040230.D
Acq: 27 Feb 2023 11:15

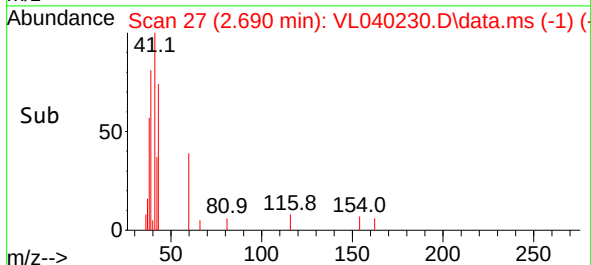
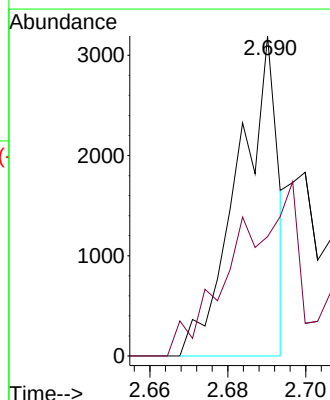
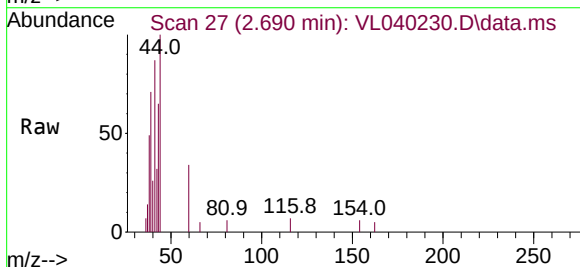
Instrument :
MSVOA_1
ClientSampleId :
VL0227ABL01

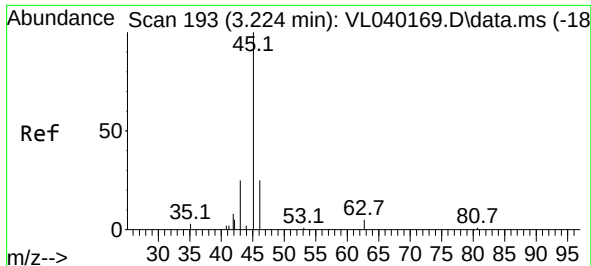
Tgt Ion: 49 Resp: 936568
Ion Ratio Lower Upper
49 100
128 45.0 24.1 72.3
130 58.2 30.9 92.8



#9
Propene
Concen: 0.050 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.010 min
Lab File: VL040230.D
Acq: 27 Feb 2023 11:15

Tgt Ion: 41 Resp: 2294
Ion Ratio Lower Upper
41 100
42 0.0 56.9 85.3#

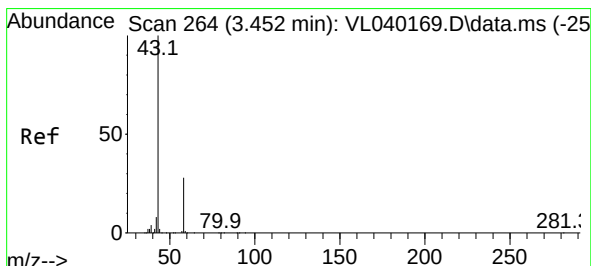
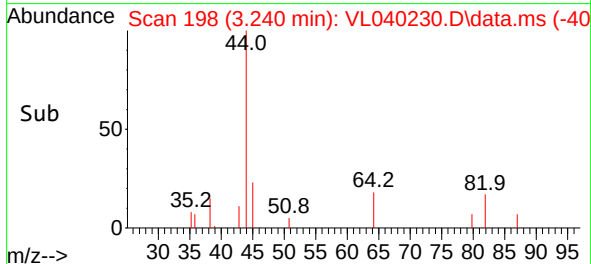
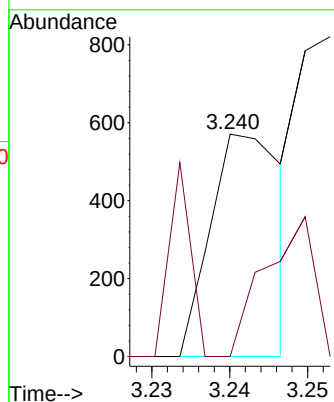
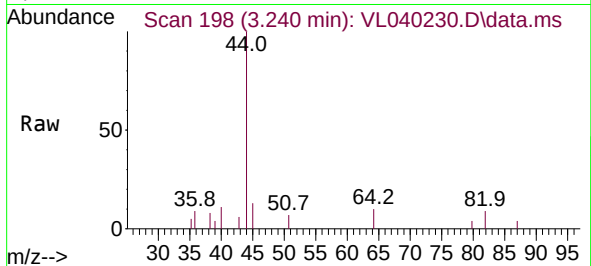




#13
 Ethanol
 Concen: 0.087 ppbv
 RT: 3.240 min Scan# 193
 Delta R.T. 0.006 min
 Lab File: VL040230.D
 Acq: 27 Feb 2023 11:15

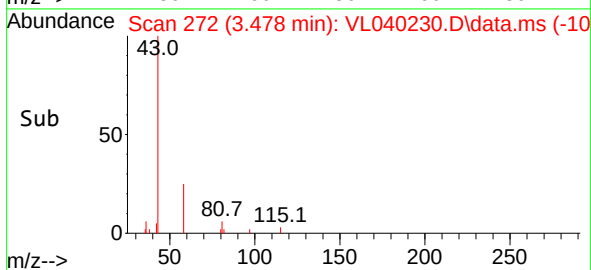
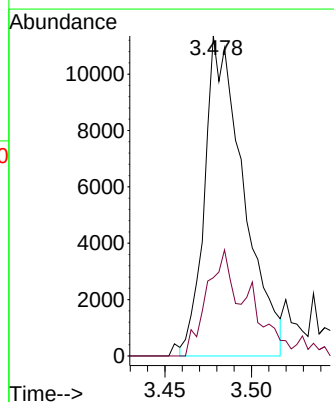
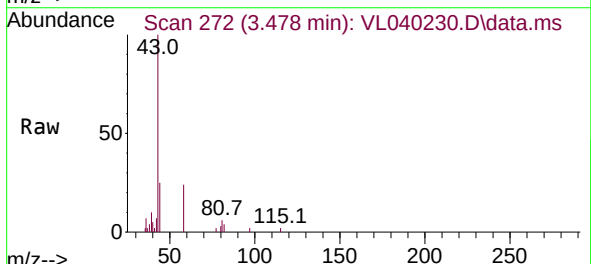
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABL01

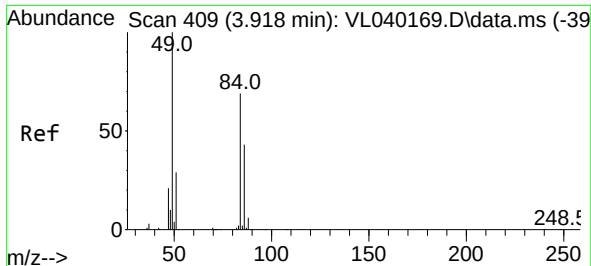
Tgt Ion: 45 Resp: 365
 Ion Ratio Lower Upper
 45 100
 46 80.8 13.3 53.1#



#15
 Acetone
 Concen: 0.158 ppbv
 RT: 3.478 min Scan# 272
 Delta R.T. 0.023 min
 Lab File: VL040230.D
 Acq: 27 Feb 2023 11:15

Tgt Ion: 43 Resp: 17772
 Ion Ratio Lower Upper
 43 100
 58 38.1 22.4 33.6#

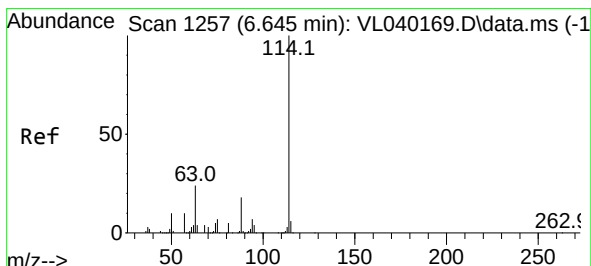
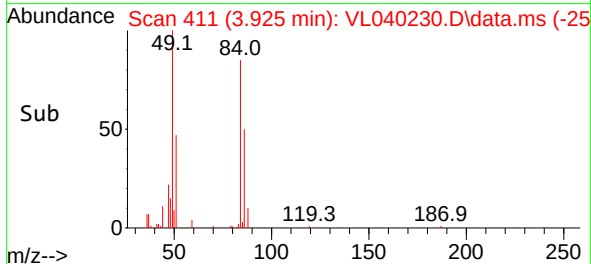
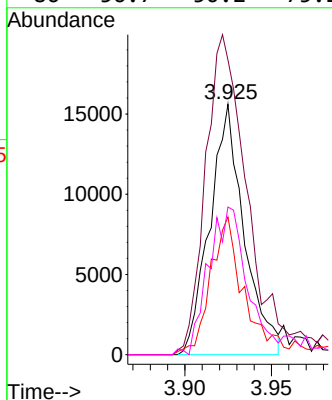
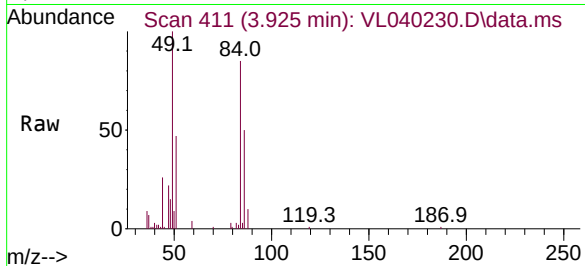




#20
Methylene Chloride
Concen: 0.367 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040230.D
Acq: 27 Feb 2023 11:15

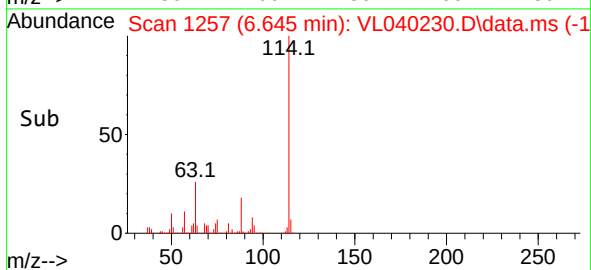
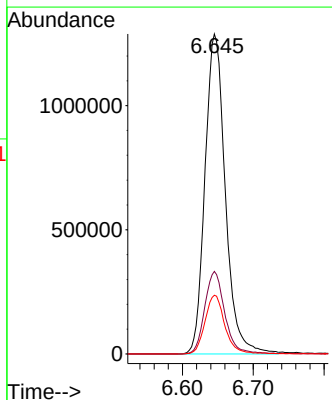
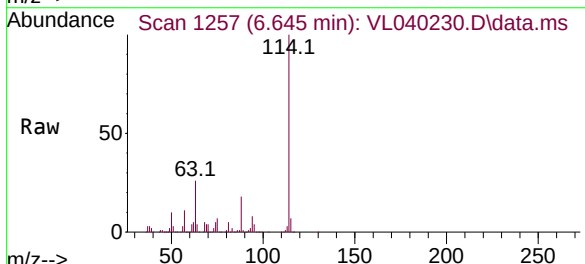
Instrument :
MSVOA_L
ClientSampleId :
VL0227ABL01

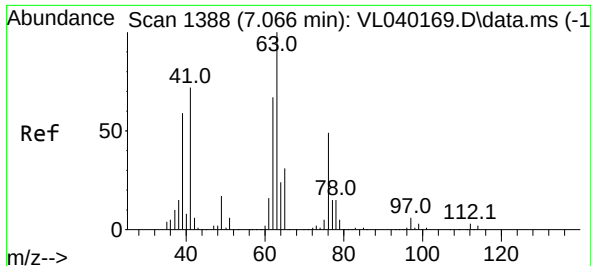
Tgt Ion: 84 Resp: 21561
Ion Ratio Lower Upper
84 100
49 115.8 115.5 173.3
51 53.7 33.1 49.7#
86 56.7 50.2 75.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VL040230.D
Acq: 27 Feb 2023 11:15

Tgt Ion: 114 Resp: 2574354
Ion Ratio Lower Upper
114 100
63 25.6 20.4 30.6
88 18.1 14.3 21.5





#39

1,2-Dichloropropane

Concen: 8.378 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL040230.D

Acq: 27 Feb 2023 11:15

Instrument :

MSVOA_1

ClientSampleId :

VL0227ABL01

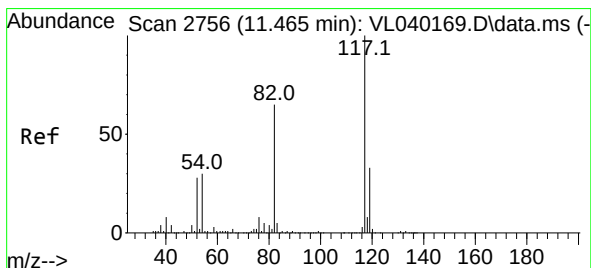
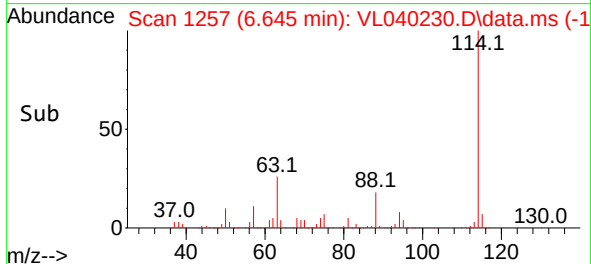
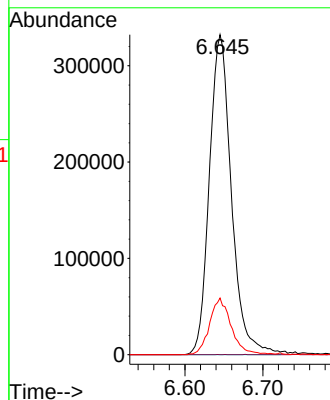
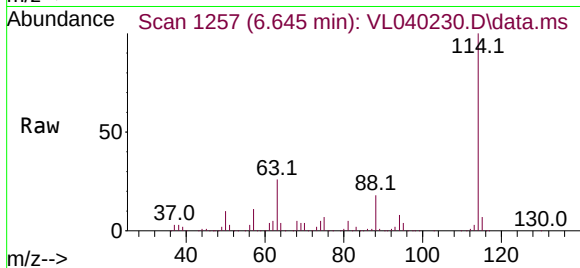
Tgt Ion: 63 Resp: 652915

Ion Ratio Lower Upper

63 100

41 0.0 57.6 86.4#

62 17.7 54.0 81.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. -0.003 min

Lab File: VL040230.D

Acq: 27 Feb 2023 11:15

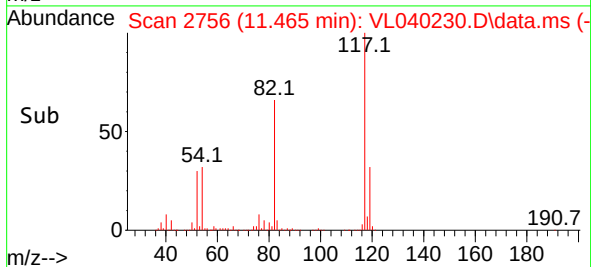
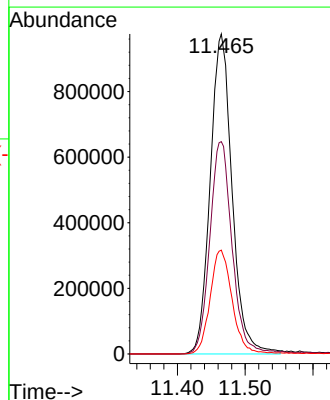
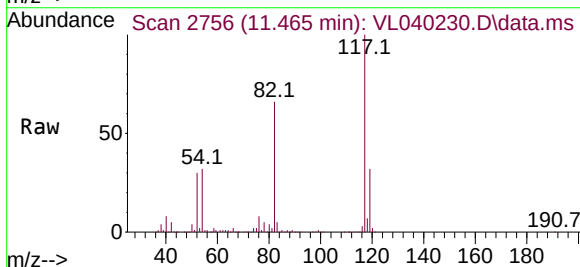
Tgt Ion: 117 Resp: 2185823

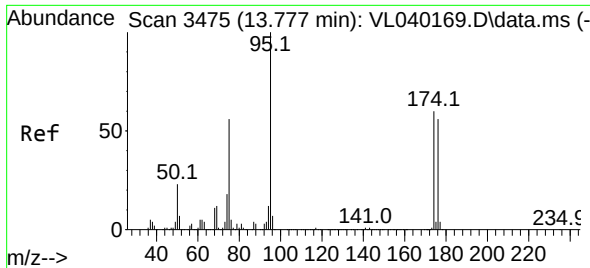
Ion Ratio Lower Upper

117 100

82 68.1 53.3 79.9

119 32.9 24.6 37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.438 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL040230.D
 Acq: 27 Feb 2023 11:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABL01

Tgt Ion: 95 Resp: 1696302
 Ion Ratio Lower Upper
 95 100
 174 59.5 48.2 72.2
 175 4.1 3.4 5.2

