

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040107.D
 Acq On : 19 Jan 2023 10:52
 Operator : SY/MD
 Sample : VL0119ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABL01

Quant Time: Jan 20 02:04:20 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)

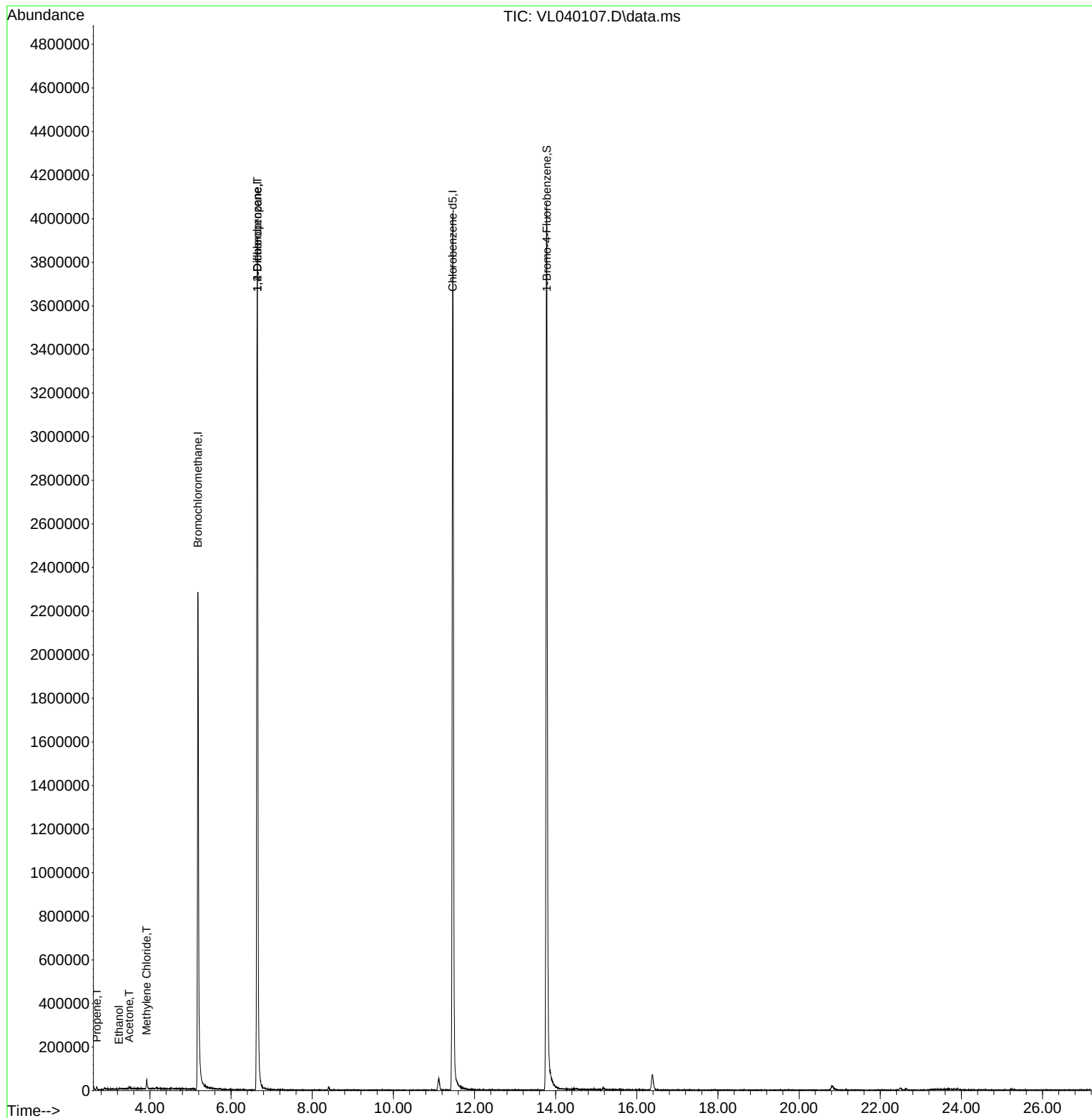
Internal Standards						
1) Bromochloromethane	5.182	49	1140250	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2962314	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2596423	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2111915	9.787	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
9) Propene	2.690	41	2519	0.044	ppbv	86
13) Ethanol	3.237	45	289	0.055	ppbv #	38
15) Acetone	3.488	43	7508	0.055	ppbv #	61
20) Methylene Chloride	3.922	84	12170	0.202	ppbv	94
39) 1,2-Dichloropropane	6.645	63	738003	8.607	ppbv #	23

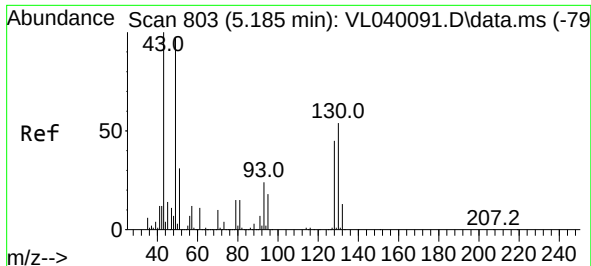
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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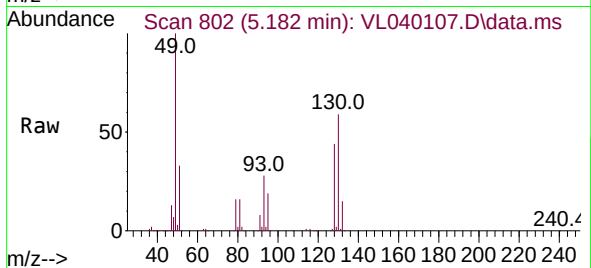
Quant Time: Jan 20 02:04:20 2023
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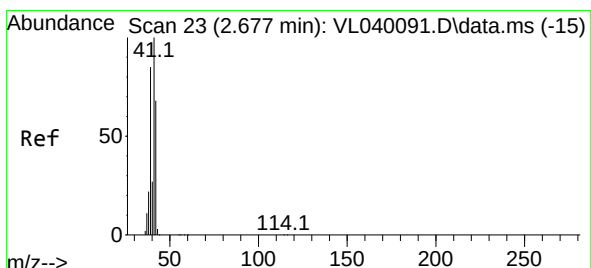
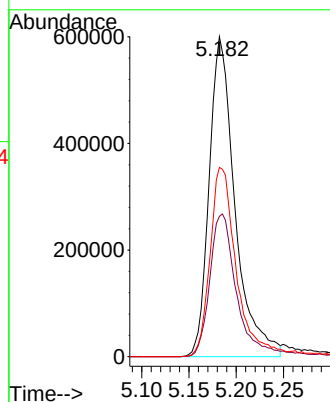
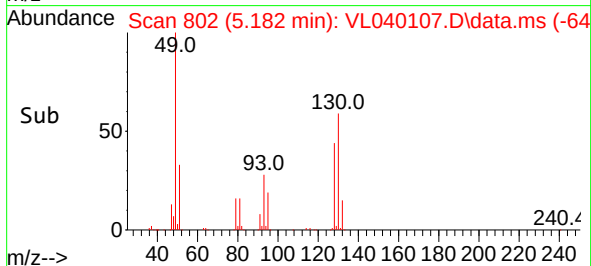


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040107.D
Acq: 19 Jan 2023 10:52

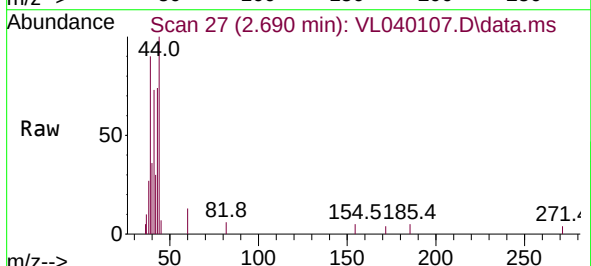
Instrument :
MSVOA_L
ClientSampleId :
VL0119ABL01



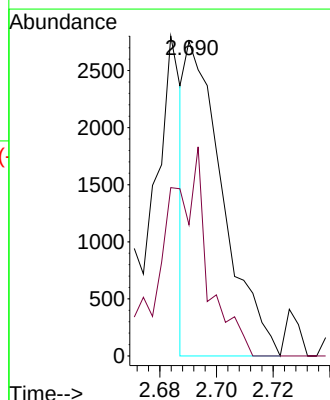
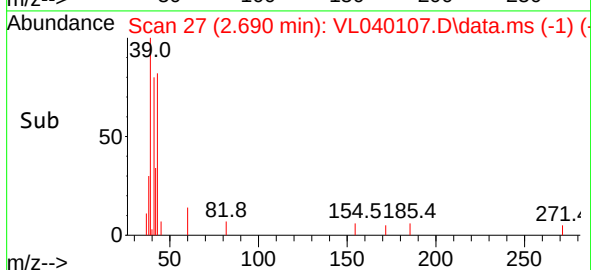
Tgt Ion: 49 Resp: 1140250
Ion Ratio Lower Upper
49 100
128 47.2 23.6 71.0
130 62.8 29.8 89.3

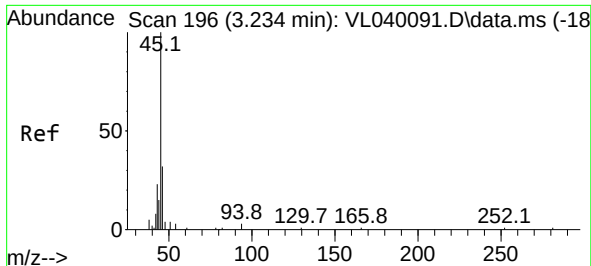


#9
Propene
Concen: 0.044 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.013 min
Lab File: VL040107.D
Acq: 19 Jan 2023 10:52



Tgt Ion: 41 Resp: 2519
Ion Ratio Lower Upper
41 100
42 80.8 55.6 83.4

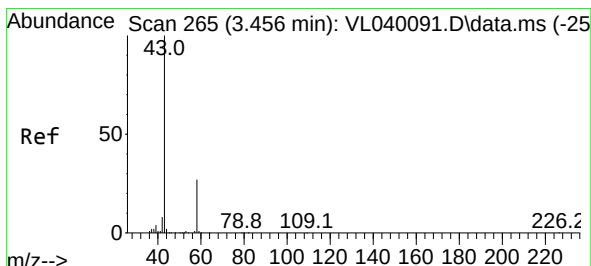
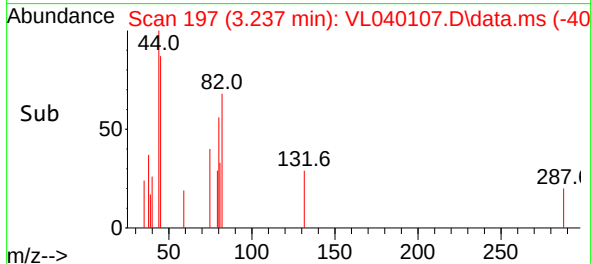
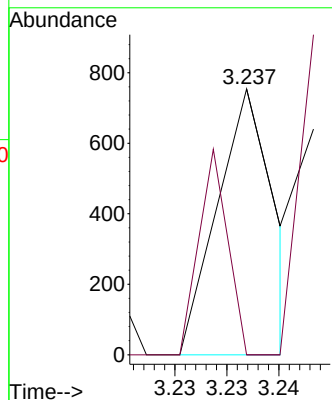
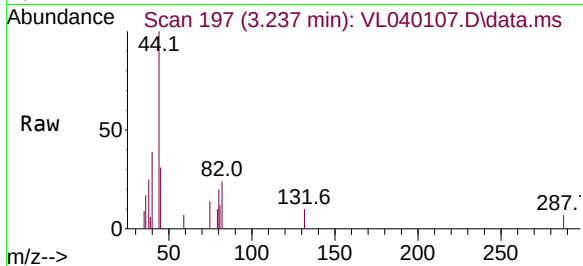




#13
Ethanol
Concen: 0.055 ppbv
RT: 3.237 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040107.D
Acq: 19 Jan 2023 10:52

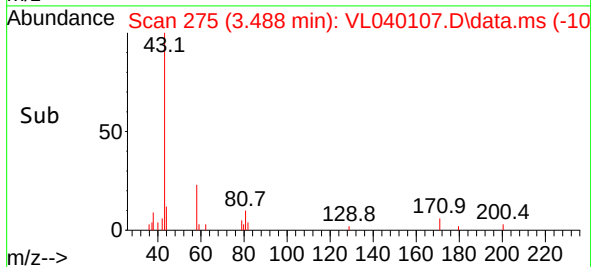
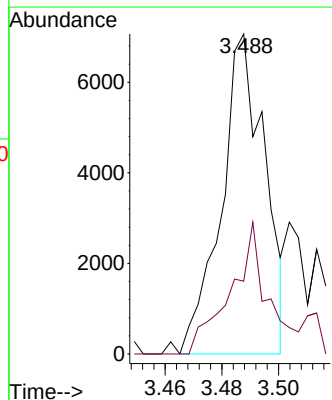
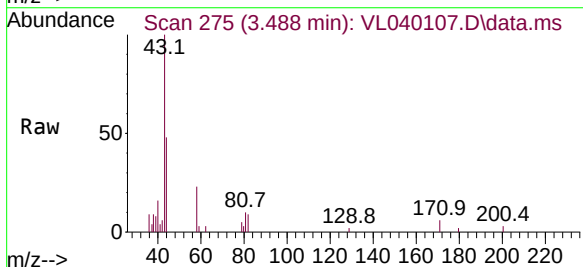
Instrument :
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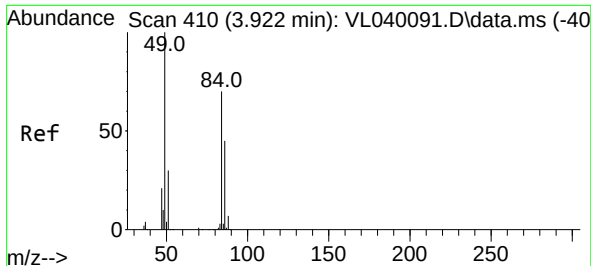
Tgt Ion: 45 Resp: 289
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2#



#15
Acetone
Concen: 0.055 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.032 min
Lab File: VL040107.D
Acq: 19 Jan 2023 10:52

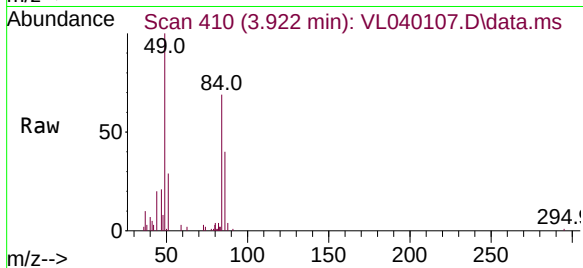
Tgt Ion: 43 Resp: 7508
Ion Ratio Lower Upper
43 100
58 47.6 21.8 32.8#



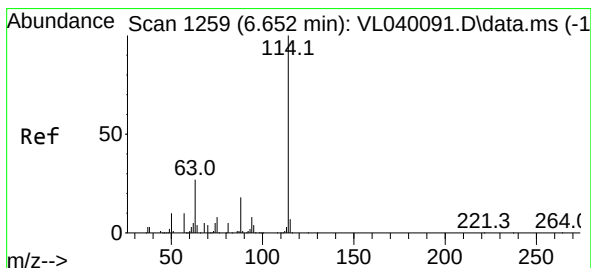
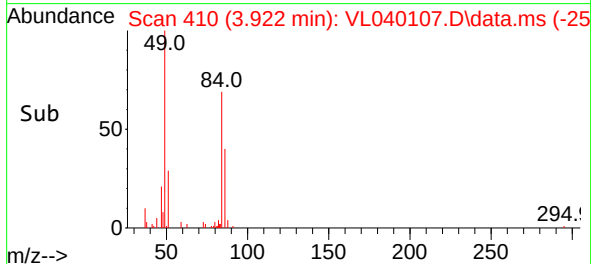
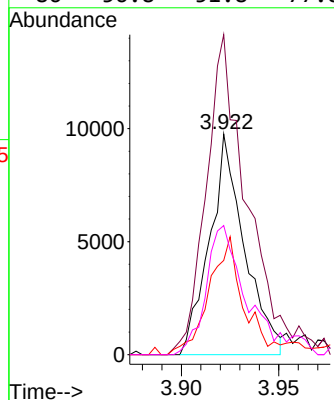


#20
Methylene Chloride
Concen: 0.202 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL040107.D
Acq: 19 Jan 2023 10:52

Instrument :
MSVOA_L
ClientSampleId :
VL0119ABL01

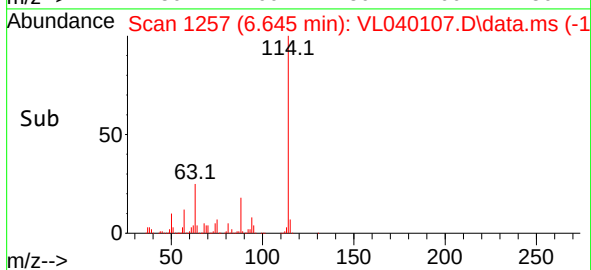
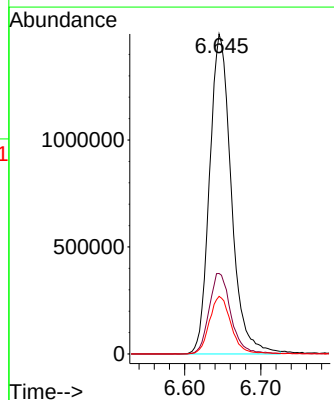
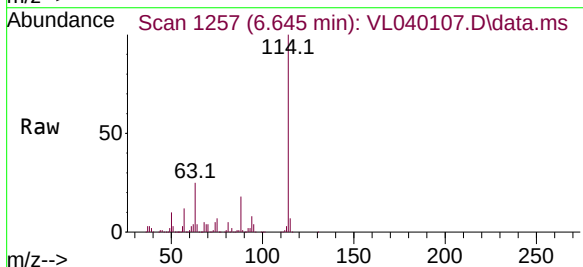


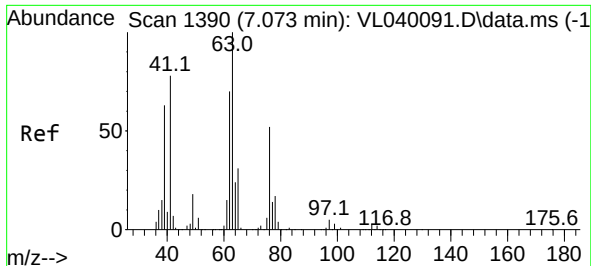
Tgt Ion: 84	Resp: 12170		
Ion	Ratio	Lower	Upper
84	100		
49	139.0	114.6	171.8
51	38.9	34.3	51.5
86	56.8	51.8	77.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VL040107.D
Acq: 19 Jan 2023 10:52

Tgt Ion:114	Resp: 2962314		
Ion Ratio	Lower	Upper	
114 100			
63 25.5	21.8	32.8	
88 18.1	14.8	22.2	





#39

1,2-Dichloropropane

Concen: 8.607 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.428 min

Lab File: VL040107.D

Acq: 19 Jan 2023 10:52

Instrument :

MSVOA_L

ClientSampleId :

VL0119ABL01

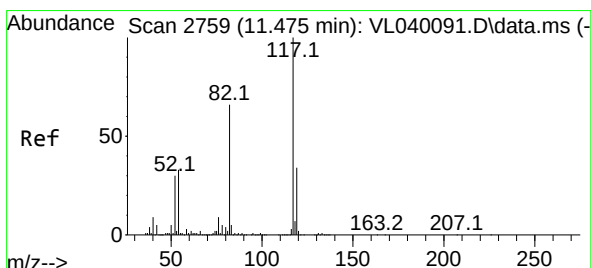
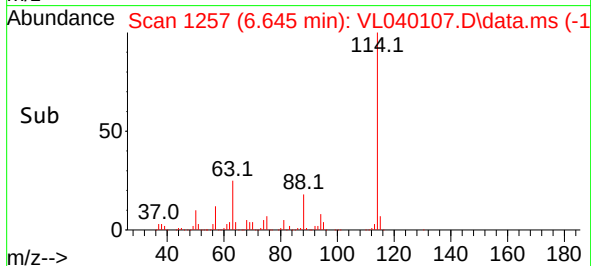
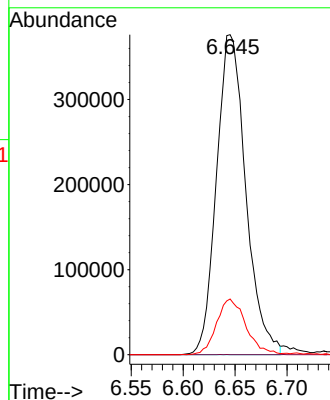
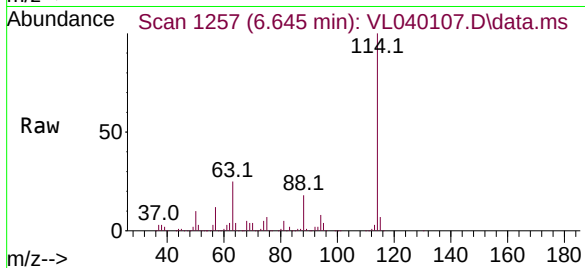
Tgt Ion: 63 Resp: 738003

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 17.4 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. -0.010 min

Lab File: VL040107.D

Acq: 19 Jan 2023 10:52

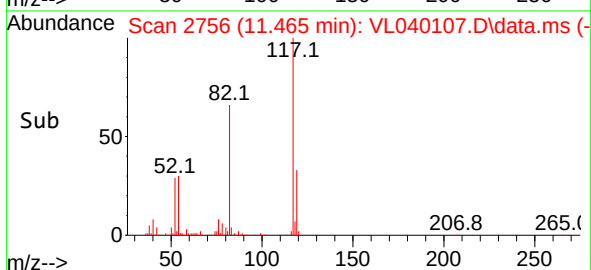
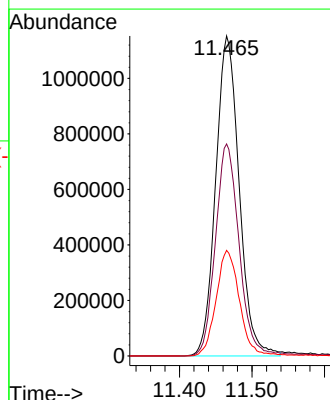
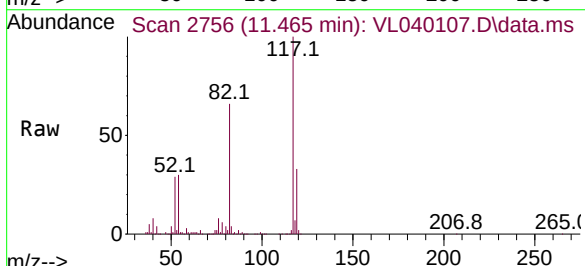
Tgt Ion: 117 Resp: 2596423

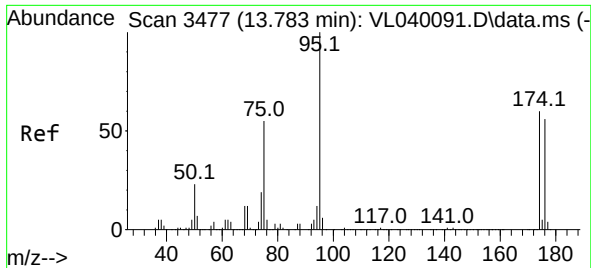
Ion Ratio Lower Upper

117 100

82 67.8 54.4 81.6

119 33.1 26.8 40.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.787 ppbv
 RT: 13.780 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL040107.D
 Acq: 19 Jan 2023 10:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0119ABL01

Tgt Ion: 95 Resp: 2111915
 Ion Ratio Lower Upper
 95 100
 174 59.9 47.7 71.5
 175 4.1 3.4 5.2

