

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039906.D
 Acq On : 21 Nov 2022 11:28
 Operator : SY/AP
 Sample : VL1121ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1121ABL01

Quant Time: Nov 22 03:47:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

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

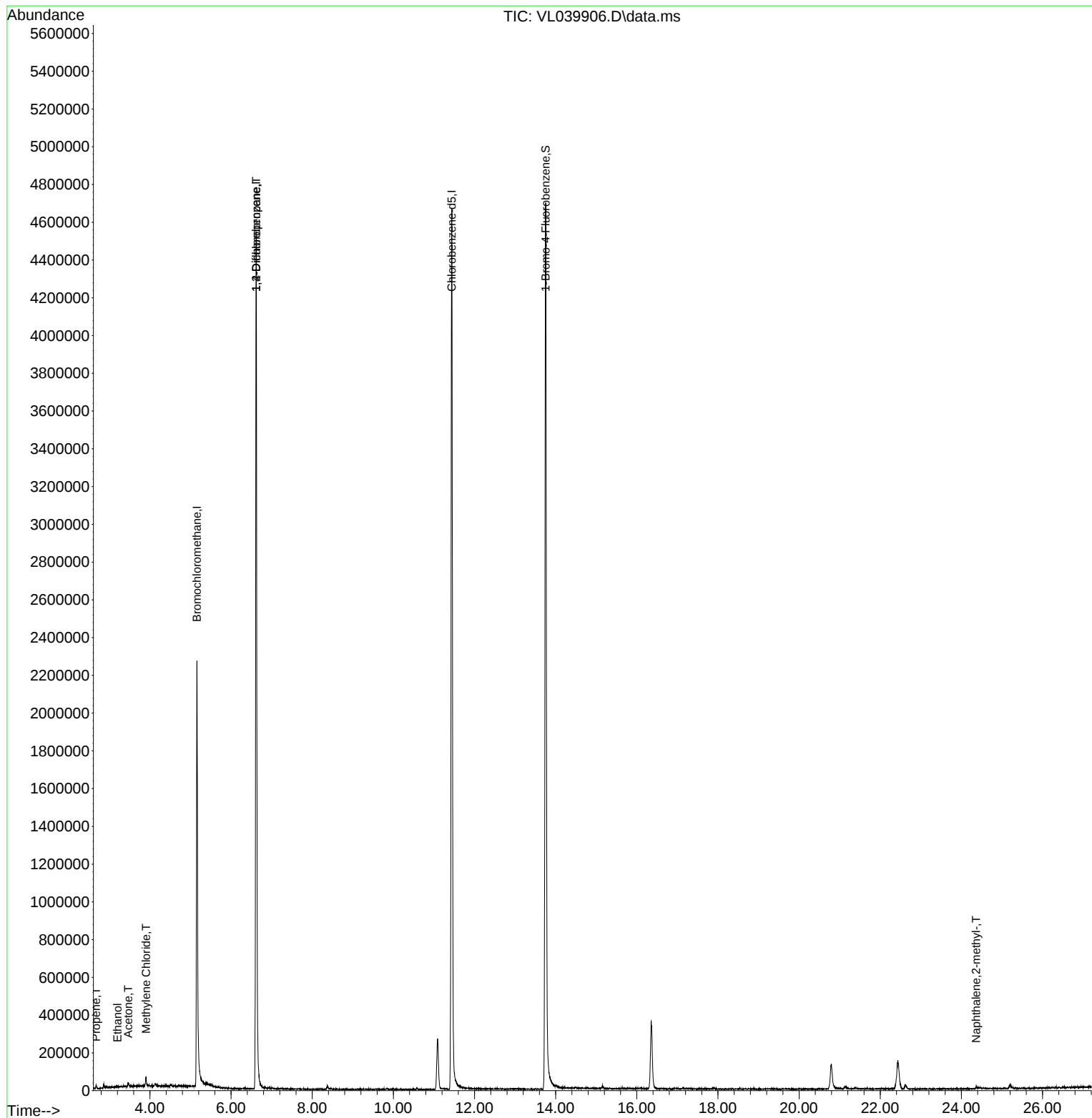
Internal Standards						
1) Bromochloromethane	5.156	49	1178128	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.619	114	3501555	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	3166124	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2460064	10.173	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
					Qvalue	
9) Propene	2.674	41	4788	0.063	ppbv	88
13) Ethanol	3.198	45	423	0.072	ppbv #	38
15) Acetone	3.465	43	17344	0.111	ppbv #	76
20) Methylene Chloride	3.902	84	13838	0.183	ppbv	85
39) 1,2-Dichloropropane	6.619	63	878462	7.576	ppbv #	27
80) Naphthalene,2-methyl-	24.365	142	2408	0.038	ppbv #	2

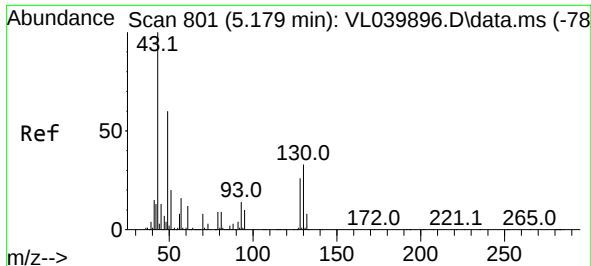
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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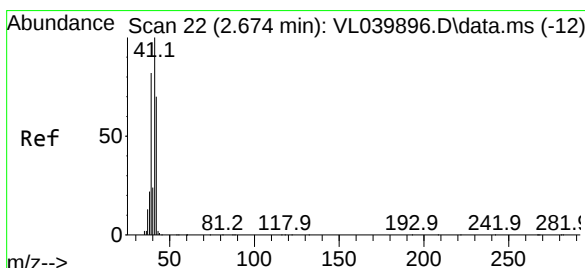
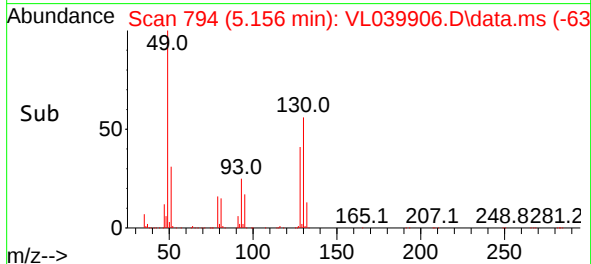
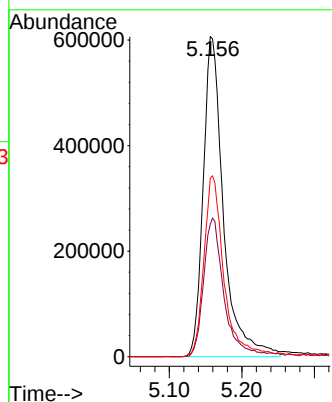
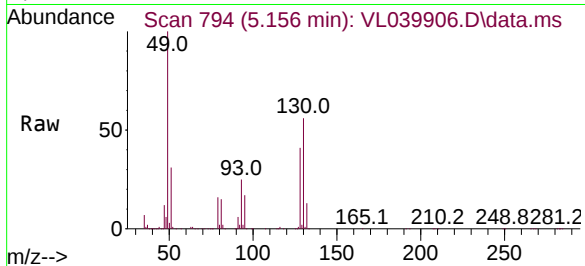




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL039906.D
Acq: 21 Nov 2022 11:28

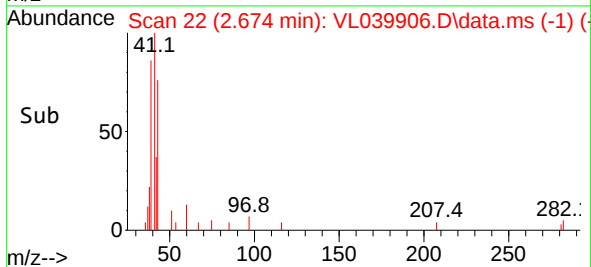
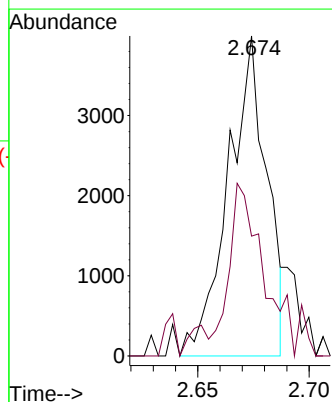
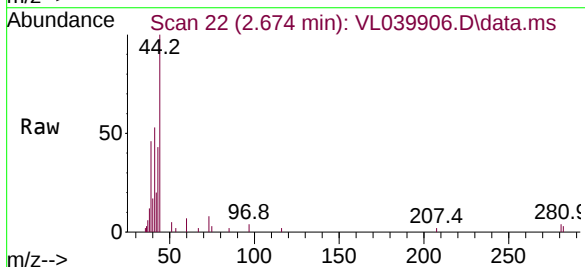
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABL01

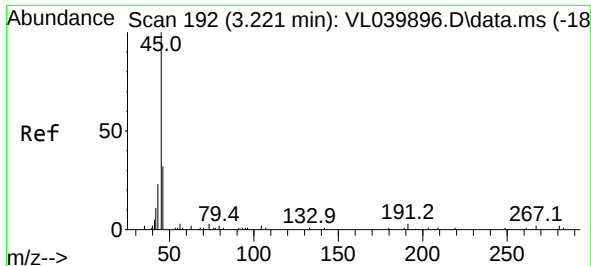
Tgt Ion: 49 Resp: 1178128
Ion Ratio Lower Upper
49 100
128 44.3 22.1 66.3
130 57.6 27.7 83.1



#9
Propene
Concen: 0.063 ppbv
RT: 2.674 min Scan# 22
Delta R.T. 0.013 min
Lab File: VL039906.D
Acq: 21 Nov 2022 11:28

Tgt Ion: 41 Resp: 4788
Ion Ratio Lower Upper
41 100
42 59.7 55.8 83.6





#13

Ethanol

Concen: 0.072 ppbv

RT: 3.198 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL039906.D

Acq: 21 Nov 2022 11:28

Instrument :

MSVOA_L

ClientSampleId :

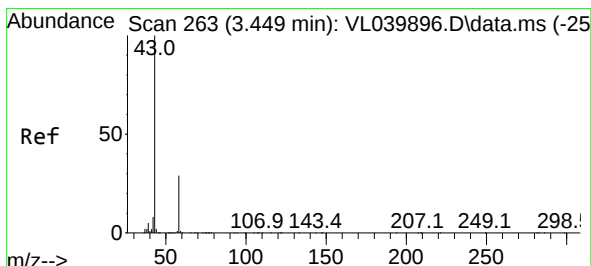
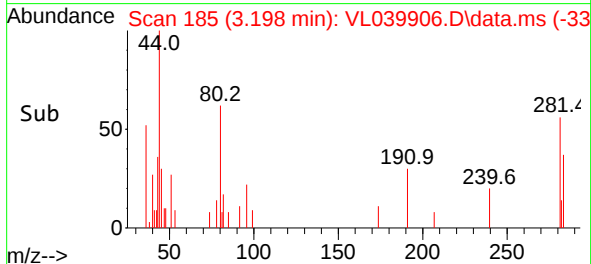
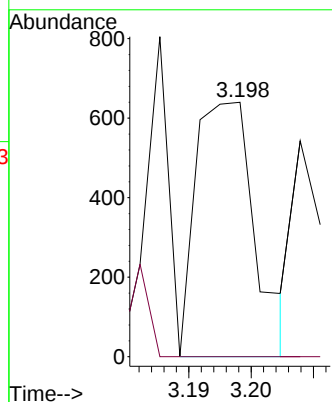
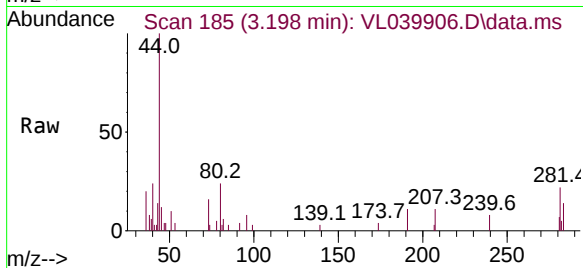
VL1121ABL01

Tgt Ion: 45 Resp: 423

Ion Ratio Lower Upper

45 100

46 0.0 14.6 58.2#



#15

Acetone

Concen: 0.111 ppbv

RT: 3.465 min Scan# 268

Delta R.T. 0.032 min

Lab File: VL039906.D

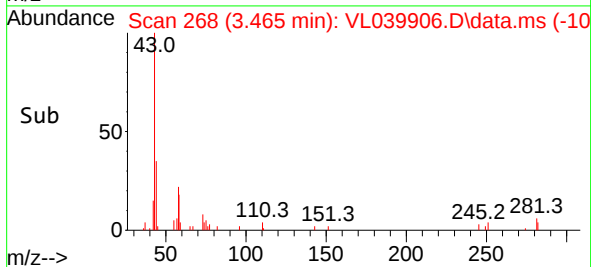
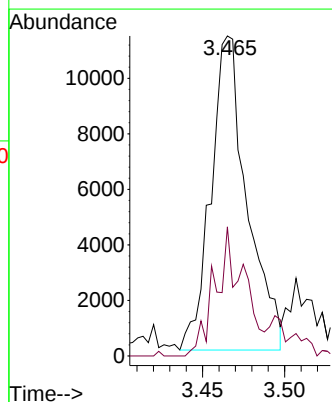
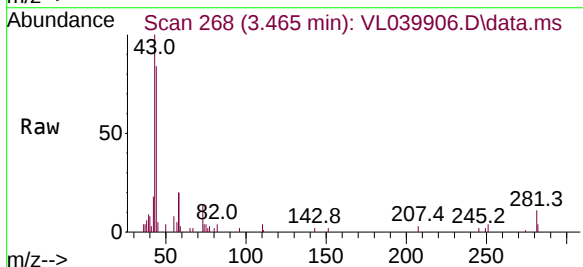
Acq: 21 Nov 2022 11:28

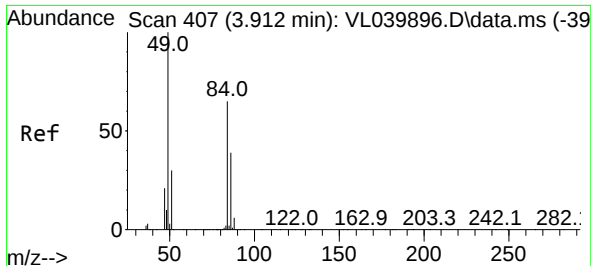
Tgt Ion: 43 Resp: 17344

Ion Ratio Lower Upper

43 100

58 41.1 22.9 34.3#

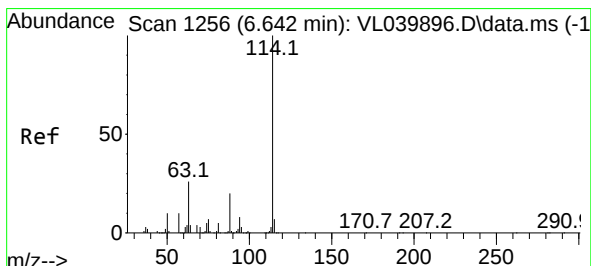
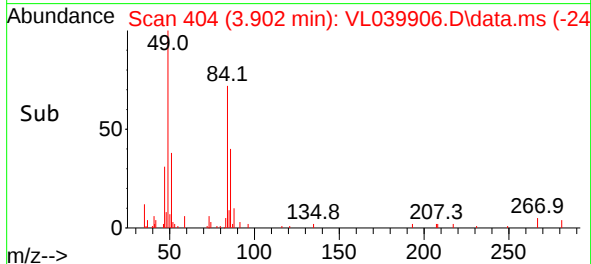
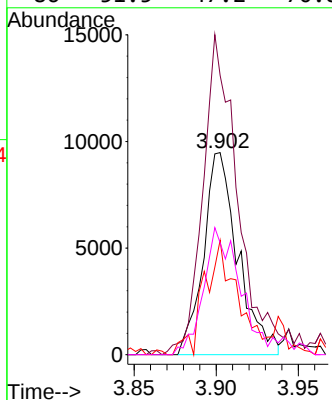
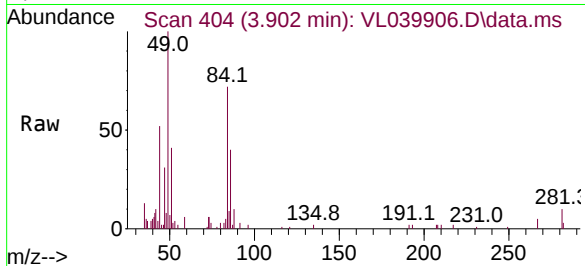




#20
Methylene Chloride
Concen: 0.183 ppbv
RT: 3.902 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL039906.D
Acq: 21 Nov 2022 11:28

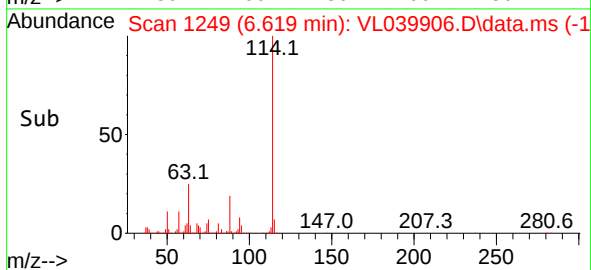
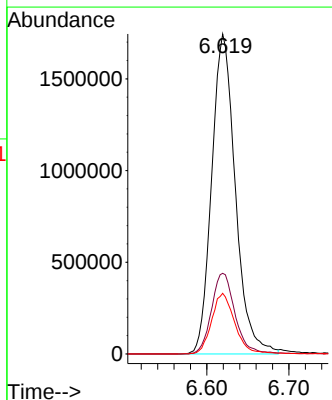
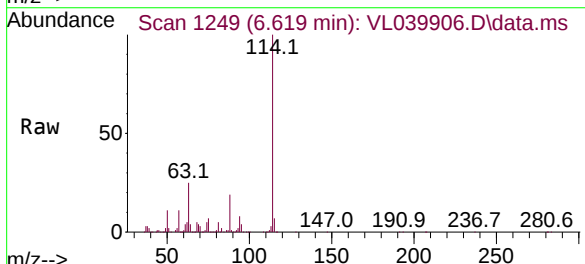
Instrument :
MSVOA_1
ClientSampleId :
VL1121ABL01

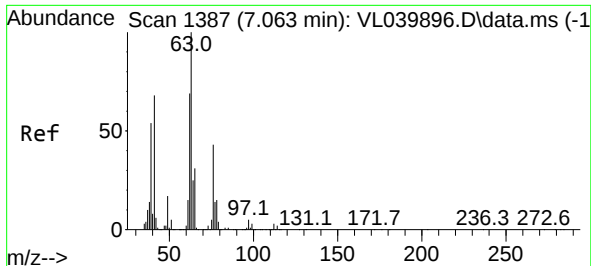
Tgt Ion: 84	Resp: 13838		
Ion	Ratio	Lower	Upper
84	100		
49	128.4	122.2	183.4
51	50.7	36.3	54.5
86	51.5	47.2	70.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VL039906.D
Acq: 21 Nov 2022 11:28

Tgt Ion:114	Resp: 3501555		
Ion	Ratio	Lower	Upper
114	100		
63	25.4	21.4	32.0
88	18.7	15.3	22.9





#39

1,2-Dichloropropane

Concen: 7.576 ppbv

RT: 6.619 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL039906.D

Acq: 21 Nov 2022 11:28

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABL01

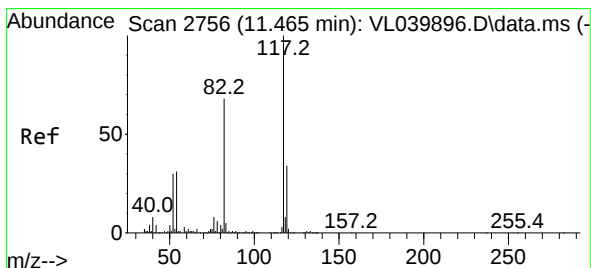
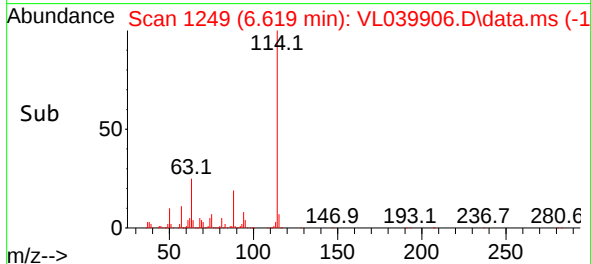
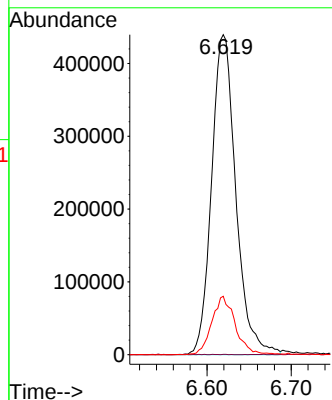
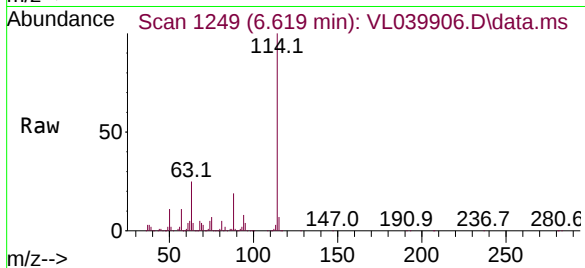
Tgt Ion: 63 Resp: 878462

Ion Ratio Lower Upper

63 100

41 0.0 54.7 82.1#

62 18.2 55.0 82.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.436 min Scan# 2747

Delta R.T. -0.003 min

Lab File: VL039906.D

Acq: 21 Nov 2022 11:28

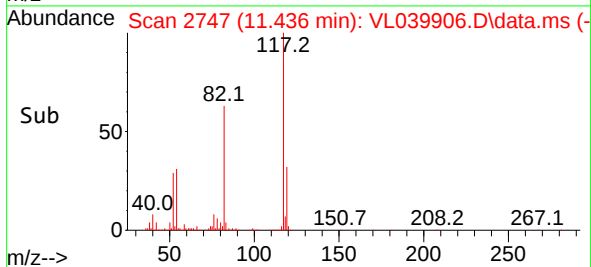
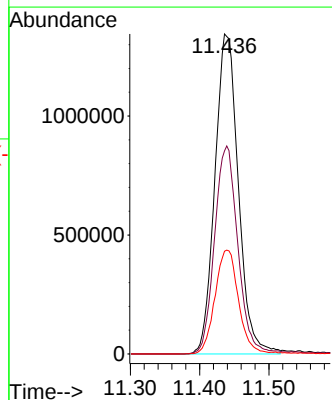
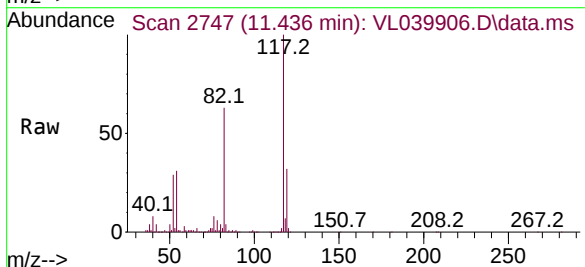
Tgt Ion:117 Resp: 3166124

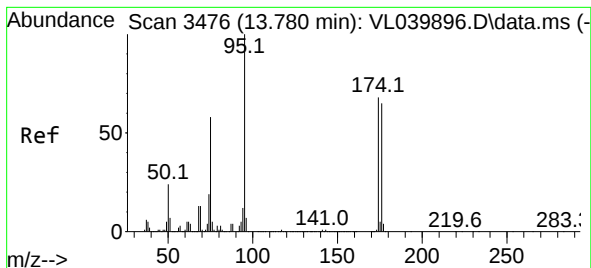
Ion Ratio Lower Upper

117 100

82 65.1 52.3 78.5

119 33.1 25.7 38.5

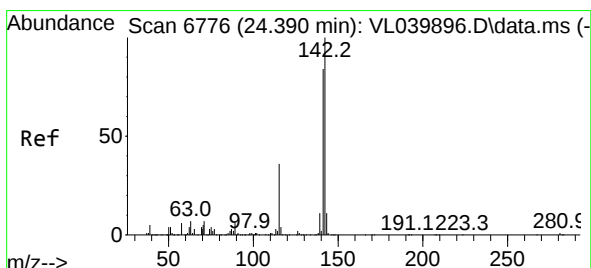
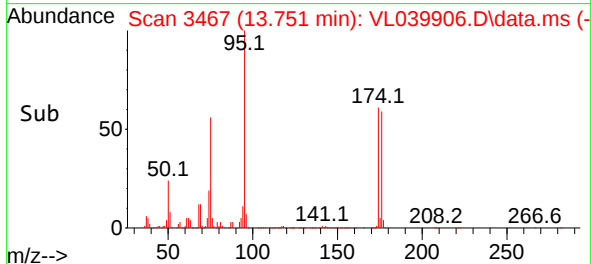
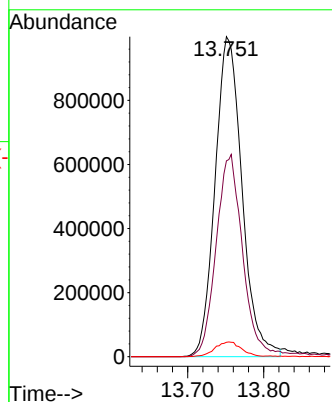
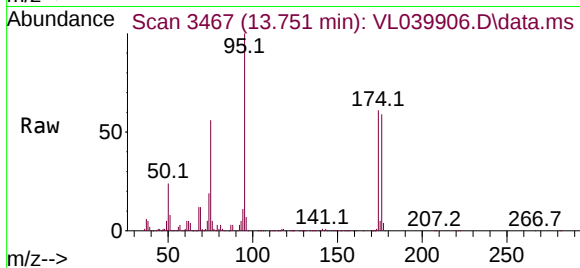




#68
1-Bromo-4-Fluorobenzene
Concen: 10.173 ppbv
RT: 13.751 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL039906.D
Acq: 21 Nov 2022 11:28

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABL01

Tgt Ion: 95 Resp: 2460064
Ion Ratio Lower Upper
95 100
174 63.8 53.7 80.5
175 4.8 4.0 6.0



#80
Naphthalene,2-methyl-
Concen: 0.038 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.003 min
Lab File: VL039906.D
Acq: 21 Nov 2022 11:28

Tgt Ion: 142 Resp: 2408
Ion Ratio Lower Upper
142 100
141 207.7 69.1 103.7#
115 49.3 29.6 44.4#

