

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039957.D
 Acq On : 2 Dec 2022 00:49
 Operator : SY/MD
 Sample : N5826-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 H302022-INFLUENTDL

Quant Time: Dec 02 05:37:09 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 : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1091132	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.619	114	3122181	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.436	117	2820479	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	2203407	10.228	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.300%	
Target Compounds						
					Qvalue	
9) Propene	2.671	41	2522	0.036	ppbv #	81
15) Acetone	3.462	43	17830	0.123	ppbv #	86
20) Methylene Chloride	3.902	84	8002	0.114	ppbv #	79
39) 1,2-Dichloropropane	6.616	63	737837	7.136	ppbv #	26

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

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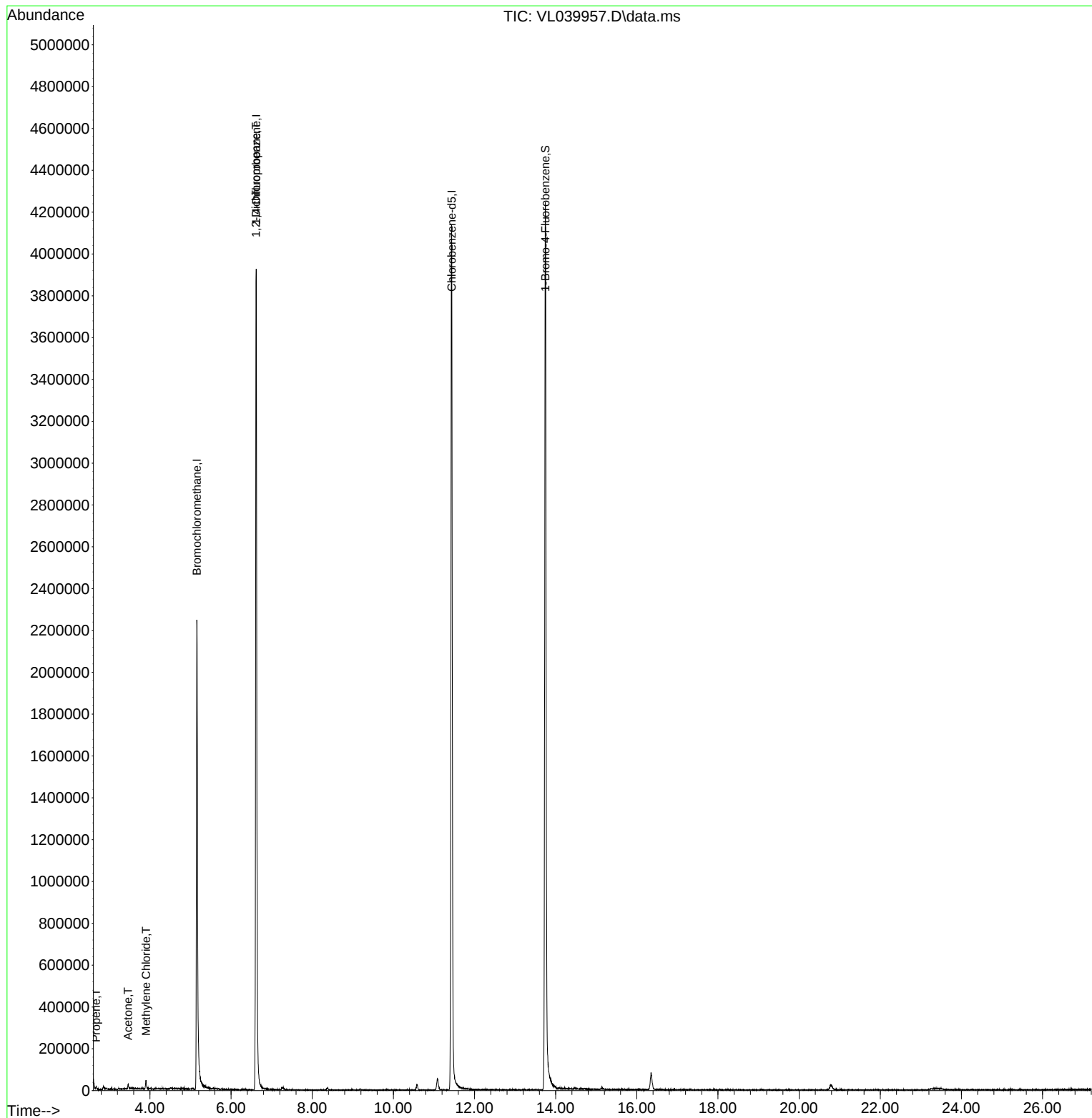
Quant Time: Dec 02 05:37:09 2022

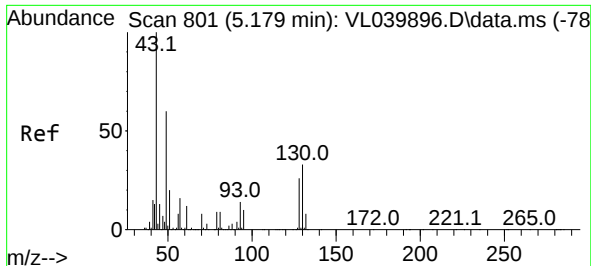
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

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QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

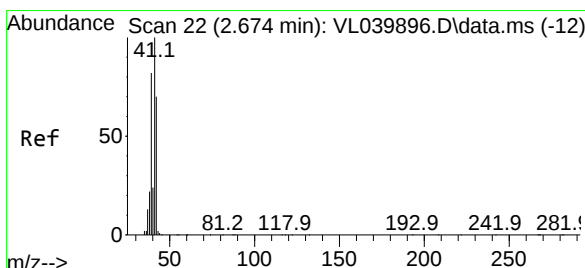
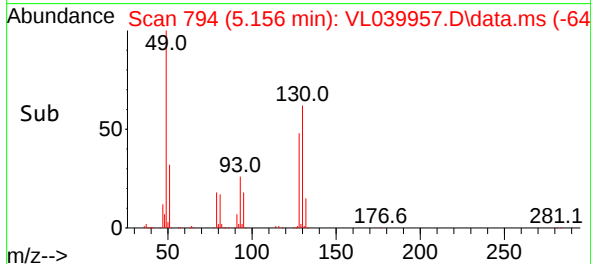
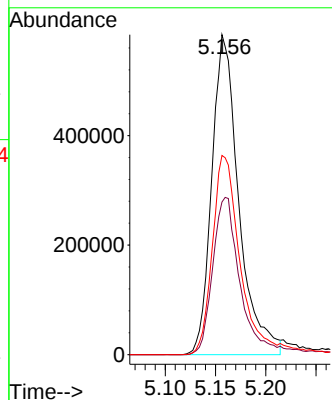
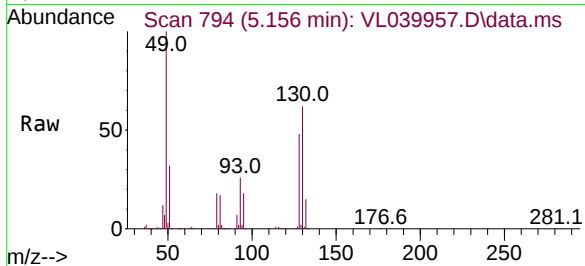




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 79
Delta R.T. -0.017 min
Lab File: VL039957.D
Acq: 2 Dec 2022 00:49

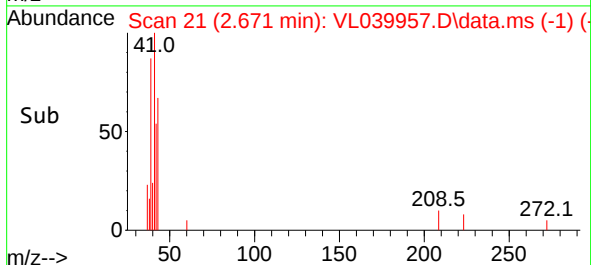
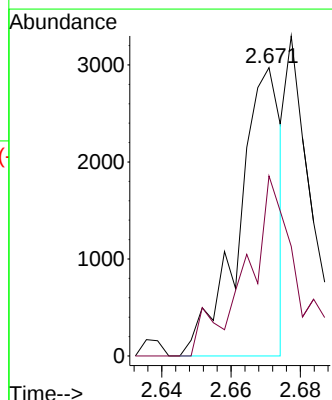
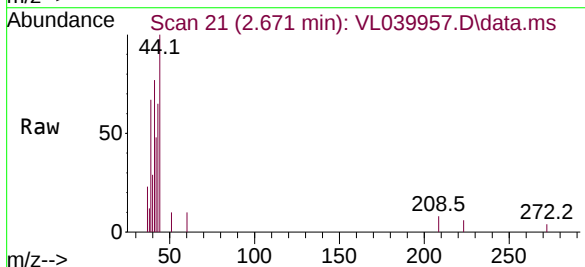
Instrument :
MSVOA_L
ClientSampleId :
H302022-INFLUENTDL

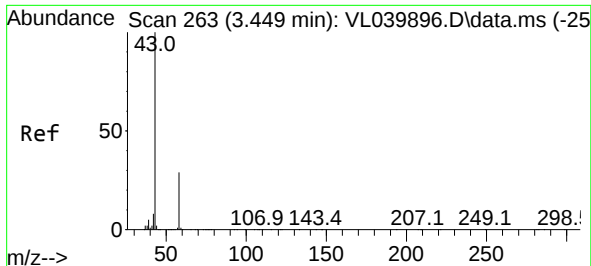
Tgt Ion: 49 Resp: 1091132
Ion Ratio Lower Upper
49 100
128 52.5 22.1 66.3
130 66.7 27.7 83.1



#9
Propene
Concen: 0.036 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039957.D
Acq: 2 Dec 2022 00:49

Tgt Ion: 41 Resp: 2522
Ion Ratio Lower Upper
41 100
42 85.2 55.8 83.6#





#15

Acetone

Concen: 0.123 ppbv

RT: 3.462 min Scan# 2

Delta R.T. 0.016 min

Lab File: VL039957.D

Acq: 2 Dec 2022 00:49

Instrument :

MSVOA_L

ClientSampleId :

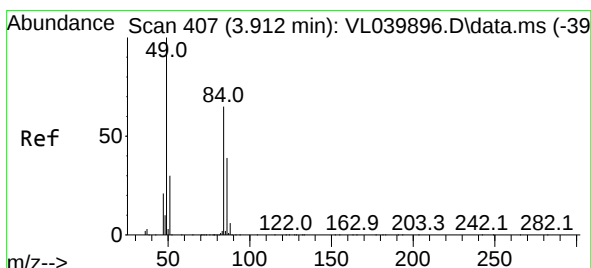
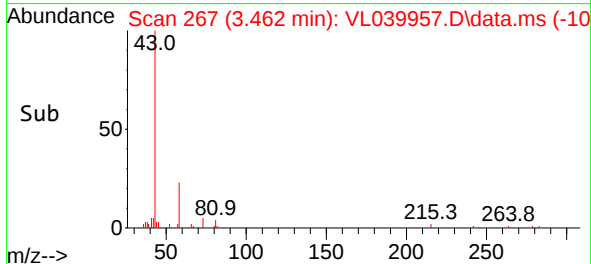
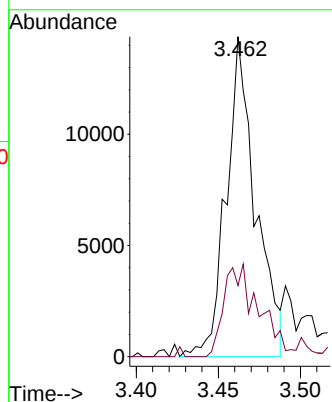
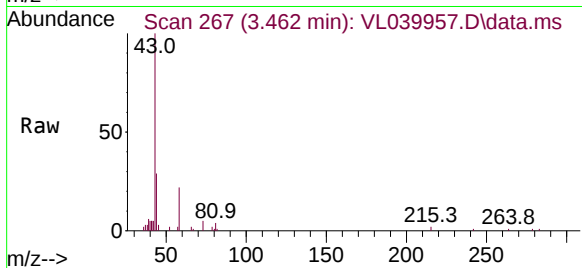
H302022-INFLUENTDL

Tgt Ion: 43 Resp: 17830

Ion Ratio Lower Upper

43 100

58 36.1 22.9 34.3#



#20

Methylene Chloride

Concen: 0.114 ppbv

RT: 3.902 min Scan# 404

Delta R.T. -0.010 min

Lab File: VL039957.D

Acq: 2 Dec 2022 00:49

Tgt Ion: 84 Resp: 8002

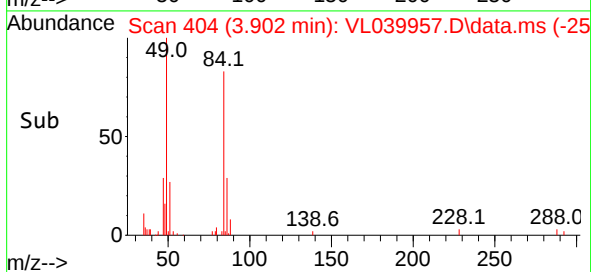
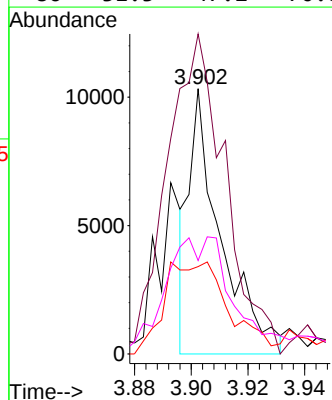
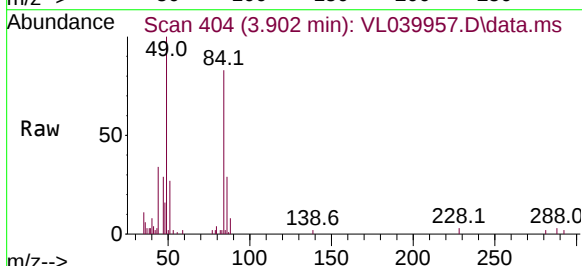
Ion Ratio Lower Upper

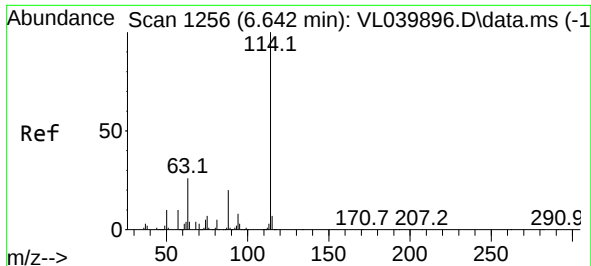
84 100

49 133.3 122.2 183.4

51 32.2 36.3 54.5#

86 31.3 47.2 70.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.619 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL039957.D

Acq: 2 Dec 2022 00:49

Instrument :

MSVOA_L

ClientSampleId :

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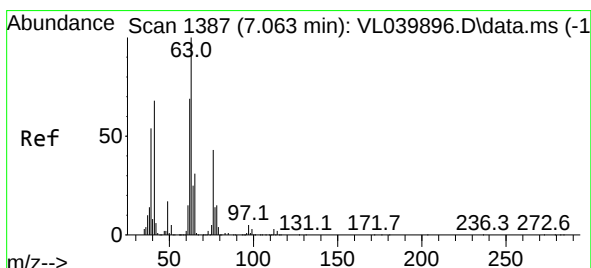
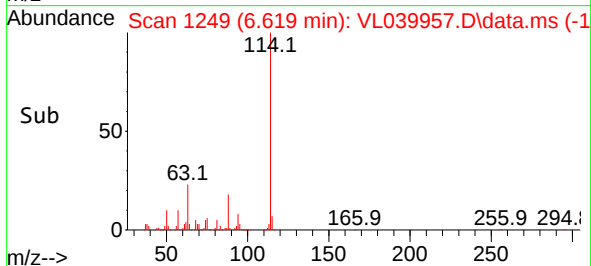
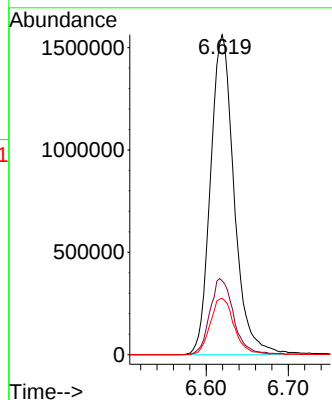
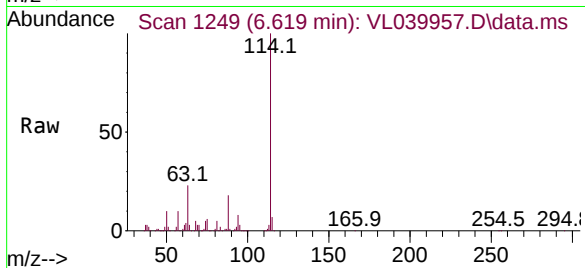
Tgt Ion:114 Resp: 3122181

Ion Ratio Lower Upper

114 100

63 24.2 21.4 32.0

88 18.1 15.3 22.9



#39

1,2-Dichloropropane

Concen: 7.136 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. -0.441 min

Lab File: VL039957.D

Acq: 2 Dec 2022 00:49

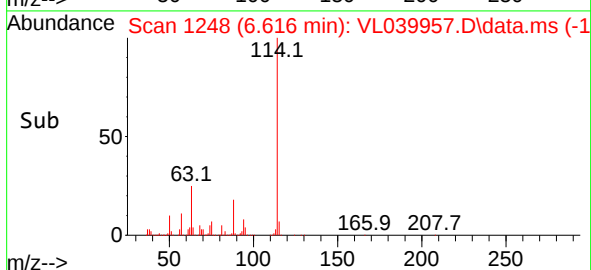
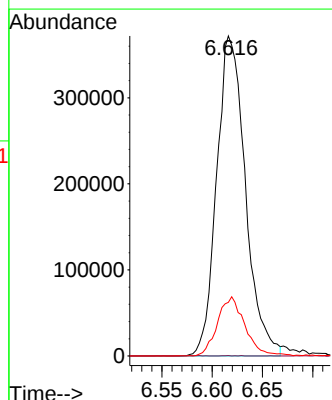
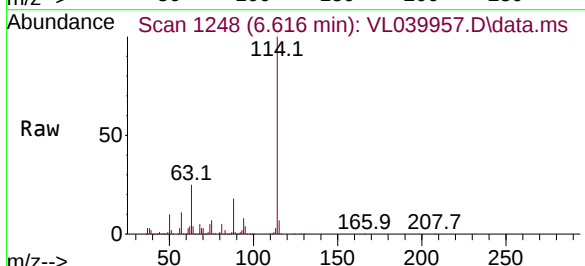
Tgt Ion: 63 Resp: 737837

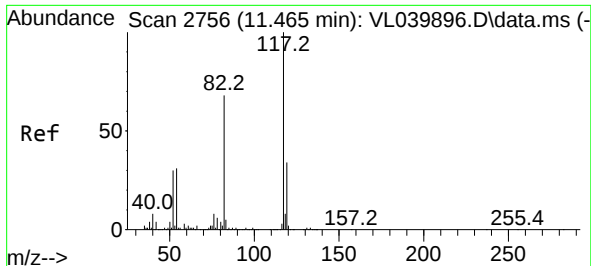
Ion Ratio Lower Upper

63 100

41 0.1 54.7 82.1#

62 16.7 55.0 82.6#

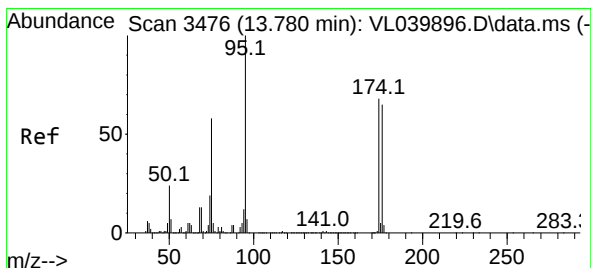
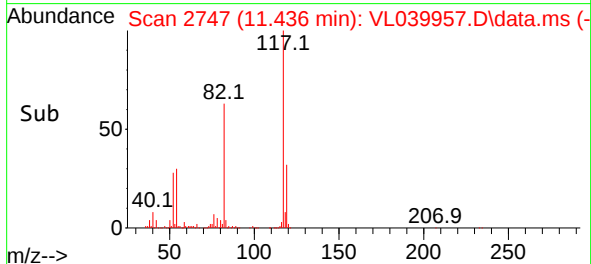
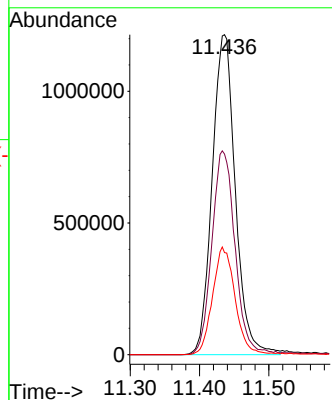
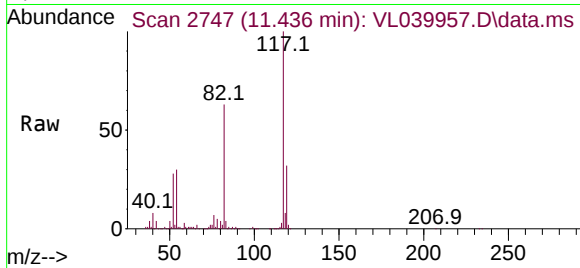




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039957.D
Acq: 2 Dec 2022 00:49

Instrument :
MSVOA_L
ClientSampleId :
H302022-INFLUENTDL

Tgt Ion:117 Resp: 2820479
Ion Ratio Lower Upper
117 100
82 65.0 52.3 78.5
119 33.3 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.228 ppbv
RT: 13.744 min Scan# 3465
Delta R.T. -0.019 min
Lab File: VL039957.D
Acq: 2 Dec 2022 00:49

Tgt Ion: 95 Resp: 2203407
Ion Ratio Lower Upper
95 100
174 64.6 53.7 80.5
175 4.5 4.0 6.0

