

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041473.D
 Acq On : 1 Aug 2024 11:18
 Operator : SY/MD
 Sample : QC073124 CAN 10321
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC073124 CAN 10321

Quant Time: Aug 02 04:11:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

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

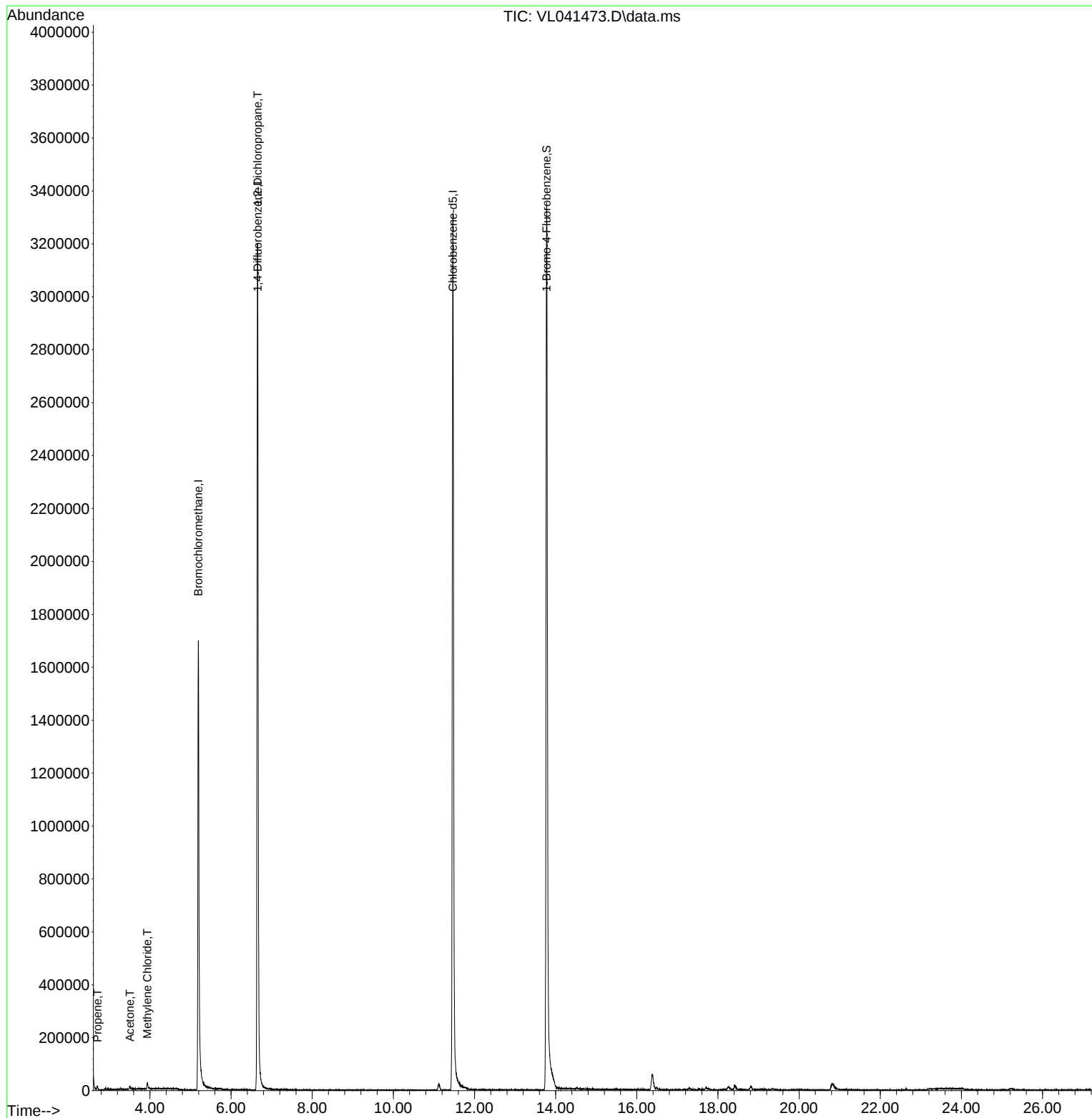
Internal Standards						
1) Bromochloromethane	5.192	49	888234	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2447084	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2243260	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1745531	10.111	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
9) Propene	2.706	41	4913	0.101	ppbv	96
15) Acetone	3.504	43	9151	0.091	ppbv #	67
20) Methylene Chloride	3.934	84	6563	0.174	ppbv #	77
39) 1,2-Dichloropropane	6.655	63	602385	8.800	ppbv #	25

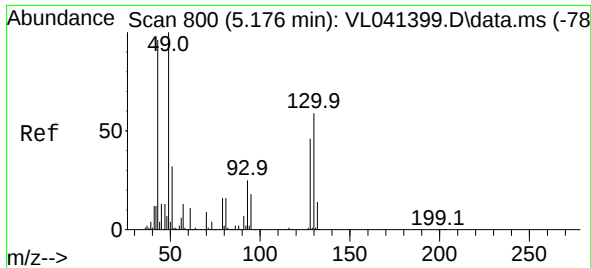
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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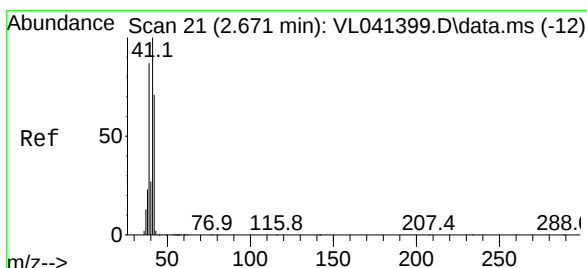
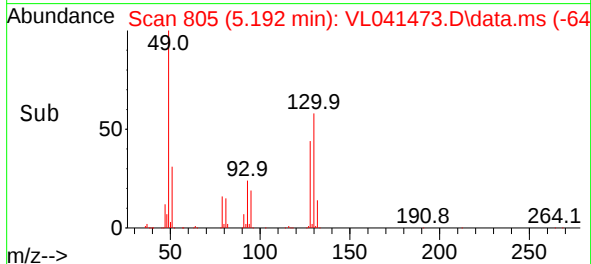
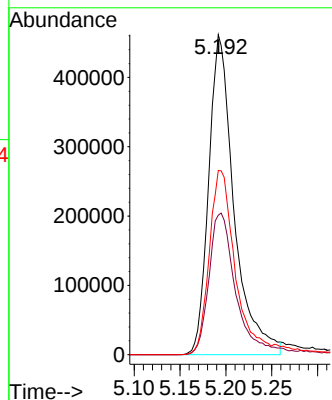
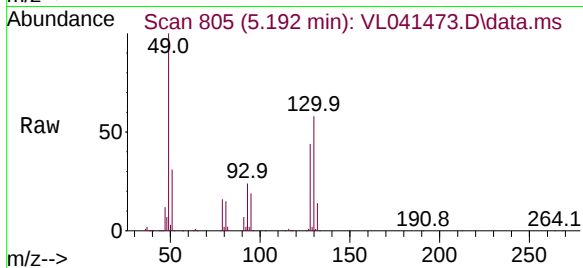




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041473.D
Acq: 1 Aug 2024 11:18

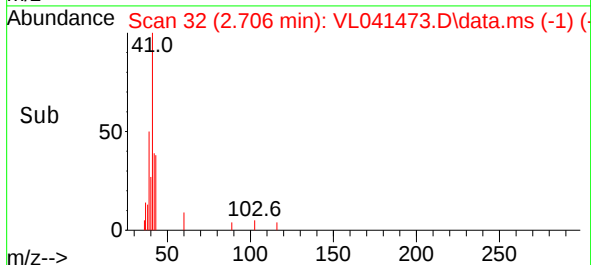
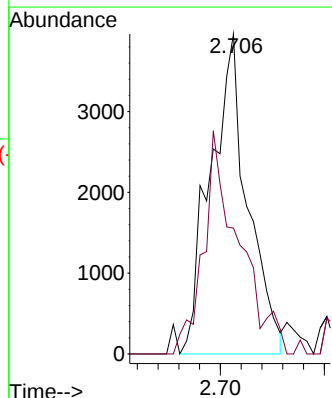
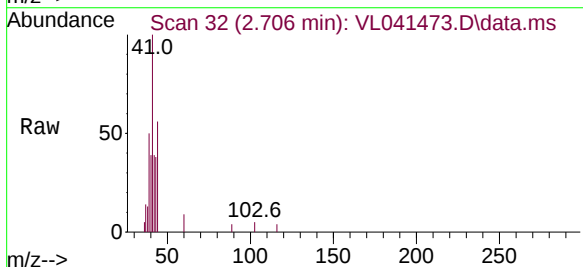
Instrument :
MSVOA_L
ClientSampleId :
QC073124 CAN 10321

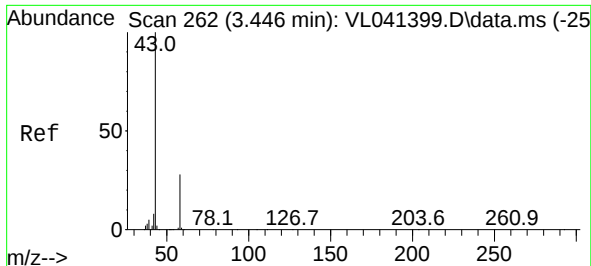
Tgt Ion: 49 Resp: 888234
Ion Ratio Lower Upper
49 100
128 48.4 23.8 71.4
130 62.0 30.8 92.4



#9
Propene
Concen: 0.101 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.013 min
Lab File: VL041473.D
Acq: 1 Aug 2024 11:18

Tgt Ion: 41 Resp: 4913
Ion Ratio Lower Upper
41 100
42 66.6 55.9 83.9





#15

Acetone

Concen: 0.091 ppbv

RT: 3.504 min Scan# 21

Delta R.T. 0.038 min

Lab File: VL041473.D

Acq: 1 Aug 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

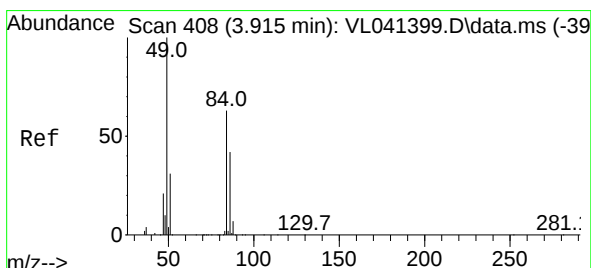
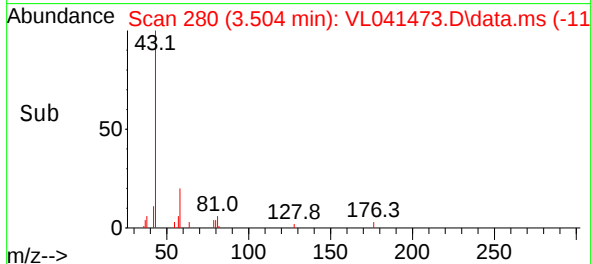
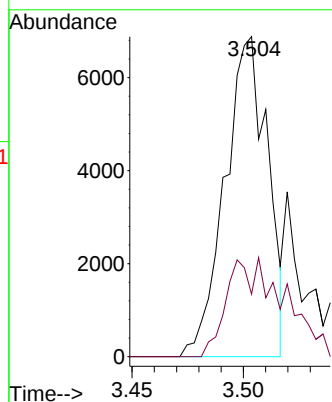
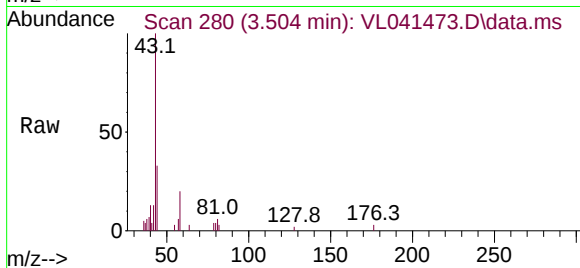
QC073124 CAN 10321

Tgt Ion: 43 Resp: 9151

Ion Ratio Lower Upper

43 100

58 43.8 21.4 32.2#



#20

Methylene Chloride

Concen: 0.174 ppbv

RT: 3.934 min Scan# 414

Delta R.T. 0.003 min

Lab File: VL041473.D

Acq: 1 Aug 2024 11:18

Tgt Ion: 84 Resp: 6563

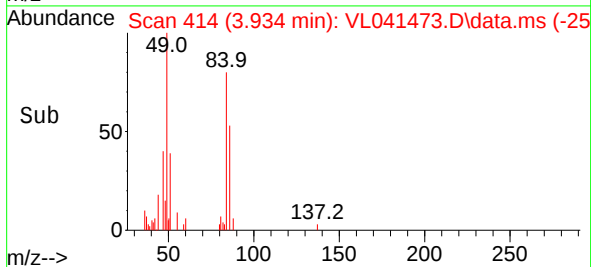
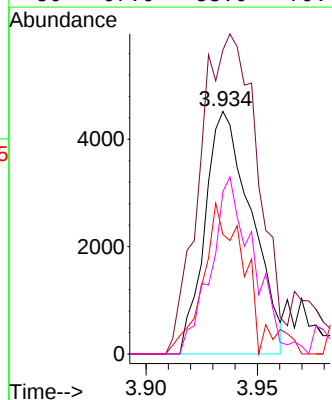
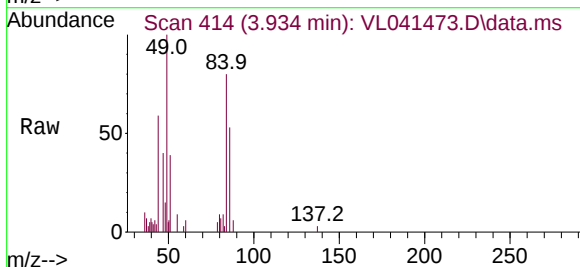
Ion Ratio Lower Upper

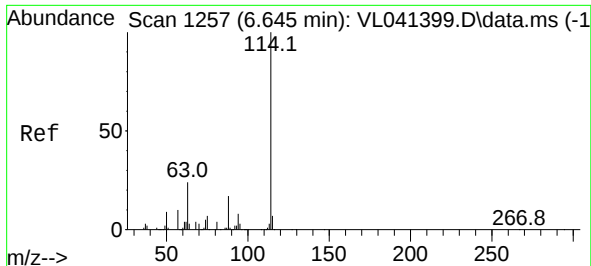
84 100

49 110.2 126.6 190.0#

51 41.7 38.6 58.0

86 67.0 53.0 79.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041473.D

Acq: 1 Aug 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

QC073124 CAN 10321

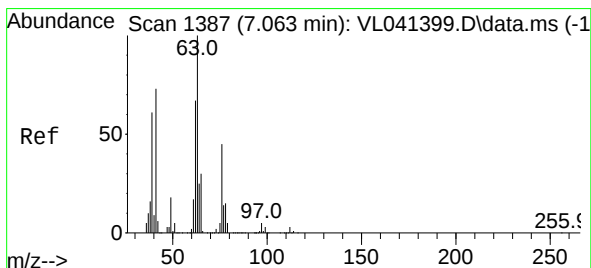
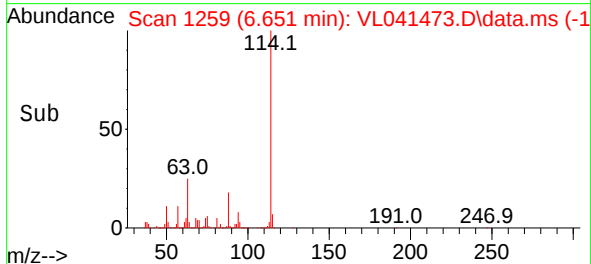
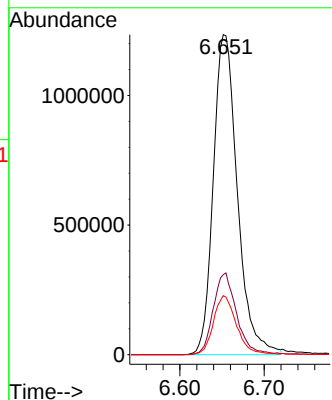
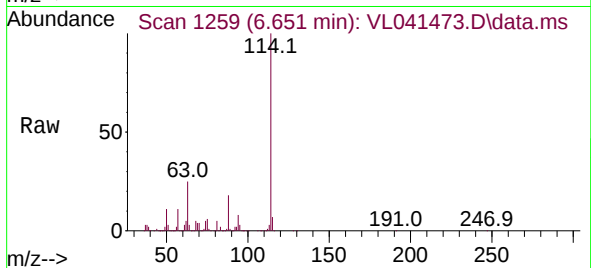
Tgt Ion:114 Resp: 2447084

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 18.0 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.800 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.415 min

Lab File: VL041473.D

Acq: 1 Aug 2024 11:18

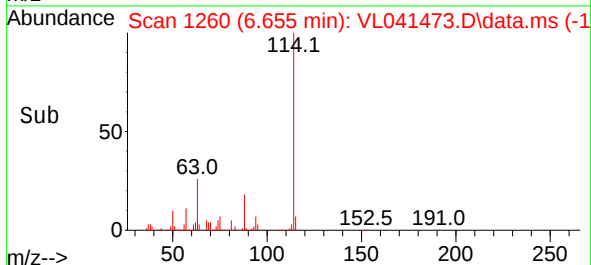
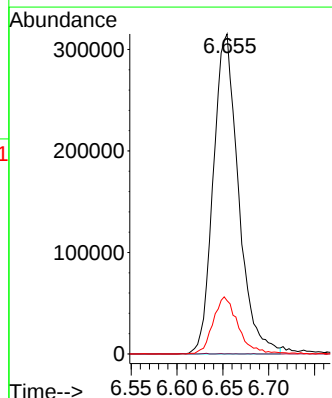
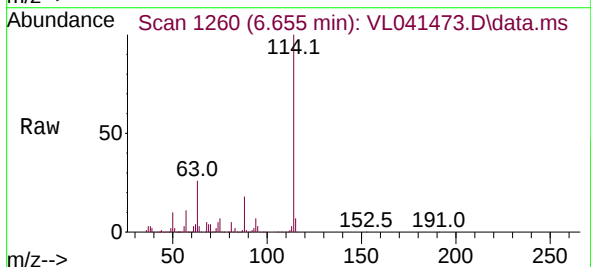
Tgt Ion: 63 Resp: 602385

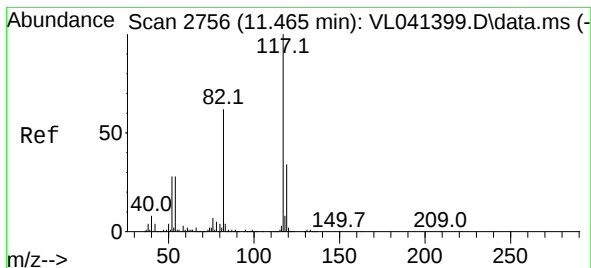
Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 16.7 53.9 80.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041473.D

Acq: 1 Aug 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

QC073124 CAN 10321

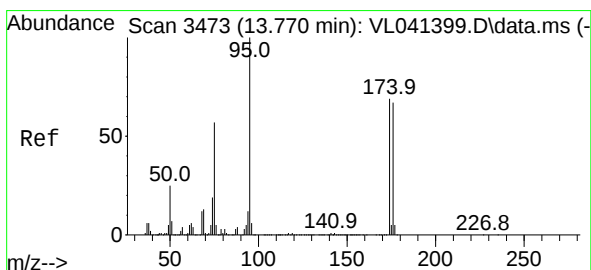
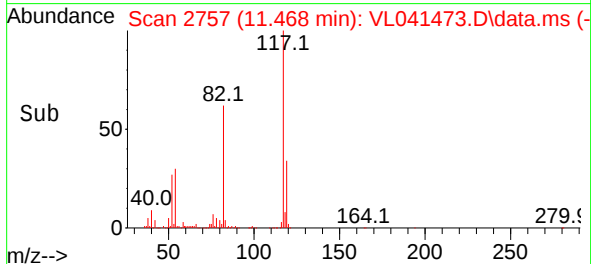
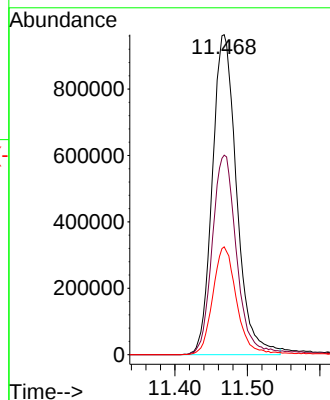
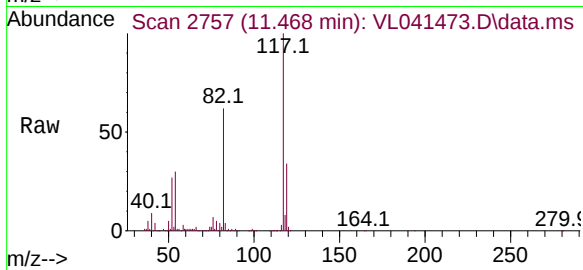
Tgt Ion:117 Resp: 2243260

Ion Ratio Lower Upper

117 100

82 64.2 51.0 76.6

119 34.0 45.2 67.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.111 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.003 min

Lab File: VL041473.D

Acq: 1 Aug 2024 11:18

Tgt Ion: 95 Resp: 1745531

Ion Ratio Lower Upper

95 100

174 69.9 56.3 84.5

175 5.0 4.0 6.0

