

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041472.D
 Acq On : 1 Aug 2024 10:38
 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 04:11:11 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)

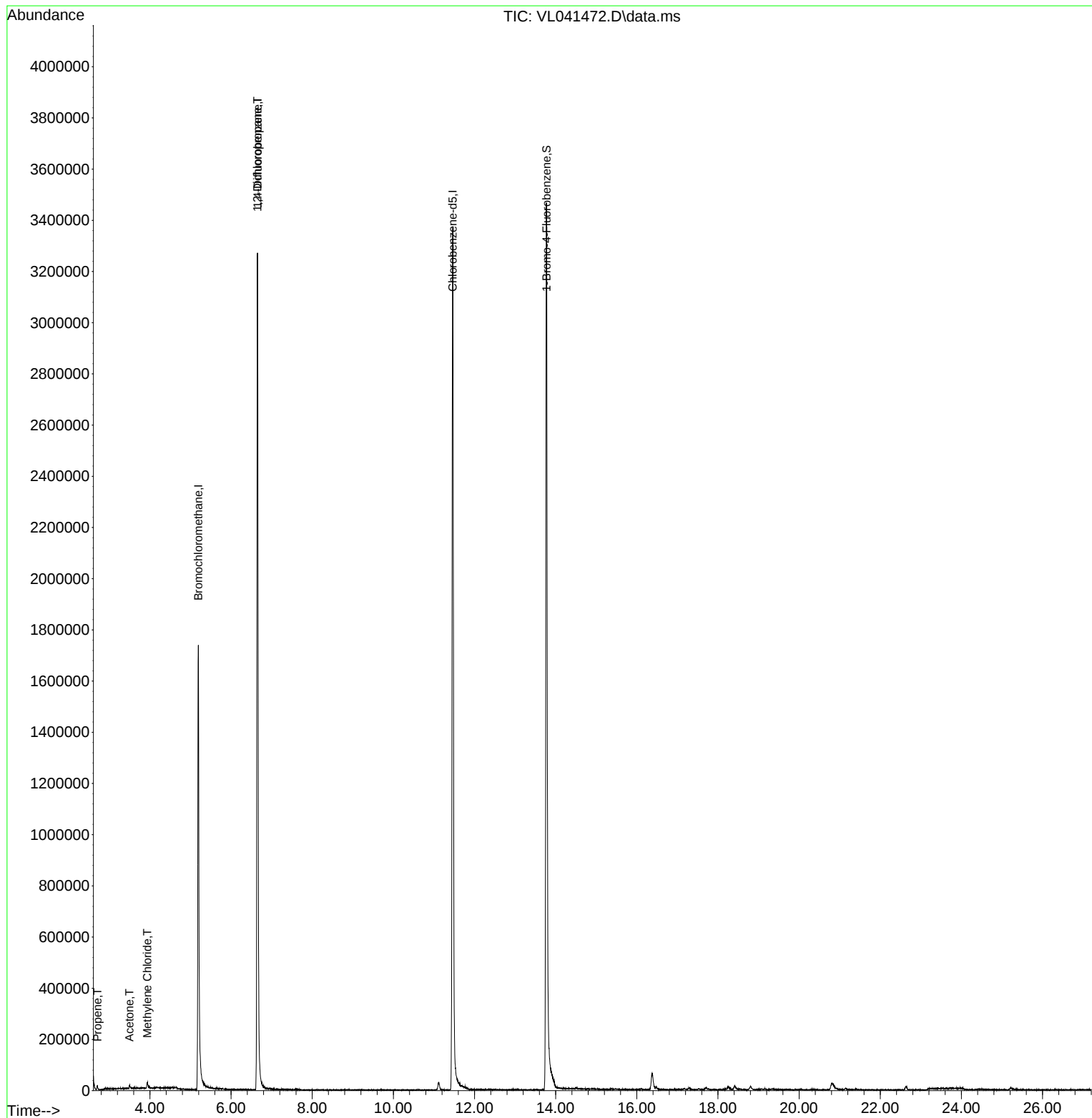
Internal Standards						
1) Bromochloromethane	5.192	49	893085	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2565626	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2308692	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1812097	10.199	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	4801	0.098	ppbv	98
15) Acetone	3.497	43	11802	0.116	ppbv #	85
20) Methylene Chloride	3.935	84	6359	0.168	ppbv #	92
39) 1,2-Dichloropropane	6.648	63	635604	8.856	ppbv #	25

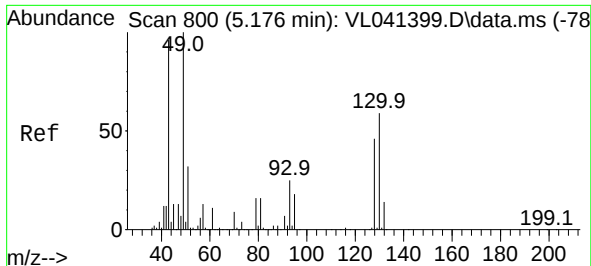
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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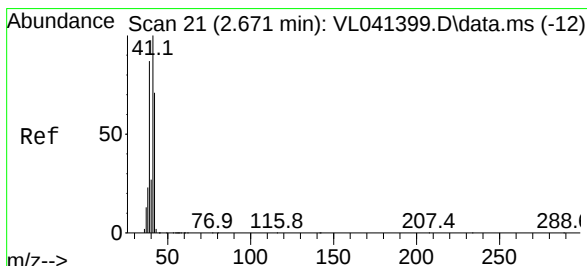
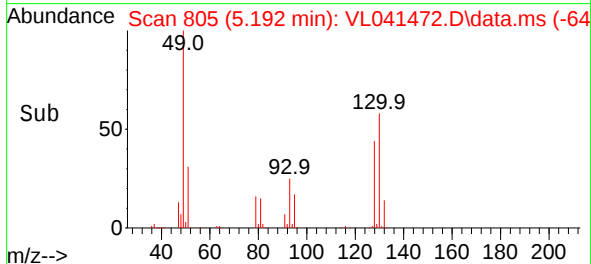
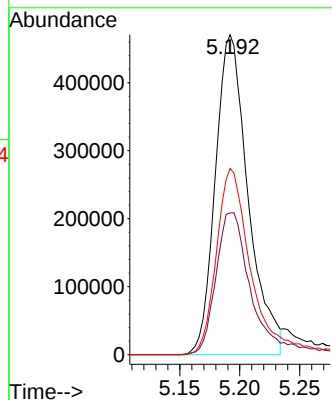
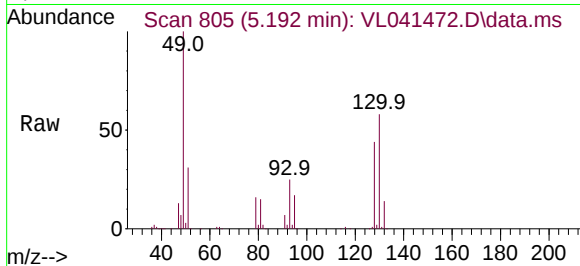




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041472.D
Acq: 1 Aug 2024 10:38

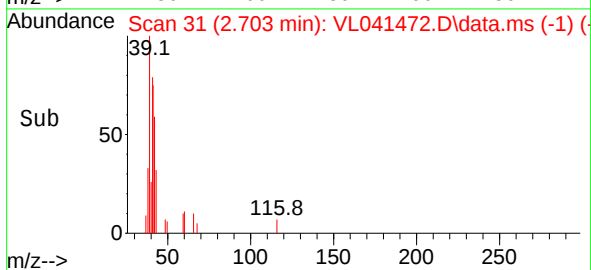
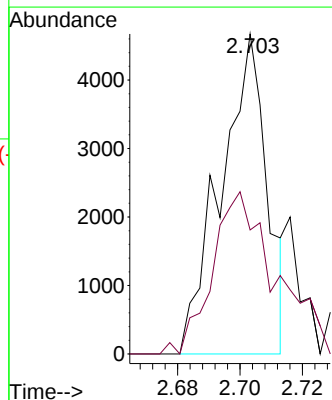
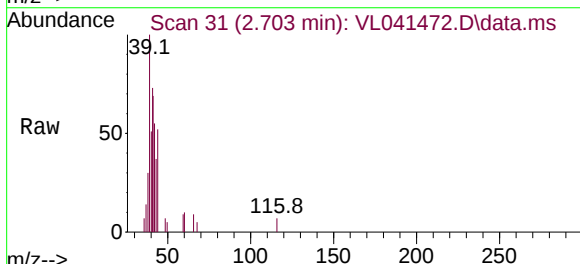
Instrument :
MSVOA_L
ClientSampleId :
QC073124 CAN 10321

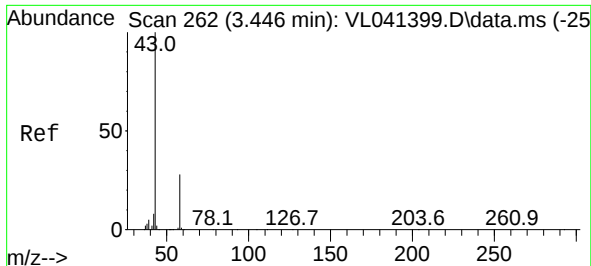
Tgt Ion: 49 Resp: 893085
Ion Ratio Lower Upper
49 100
128 50.6 23.8 71.4
130 64.5 30.8 92.4



#9
Propene
Concen: 0.098 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041472.D
Acq: 1 Aug 2024 10:38

Tgt Ion: 41 Resp: 4801
Ion Ratio Lower Upper
41 100
42 71.4 55.9 83.9





#15

Acetone

Concen: 0.116 ppbv

RT: 3.497 min Scan# 21

Delta R.T. 0.032 min

Lab File: VL041472.D

Acq: 1 Aug 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

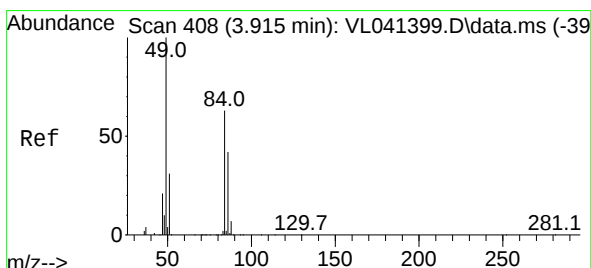
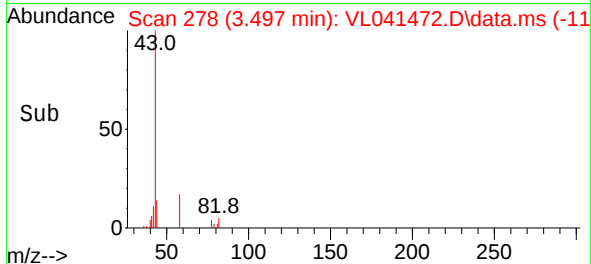
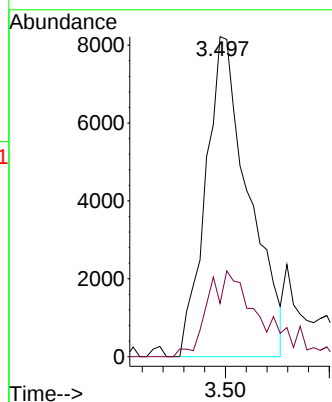
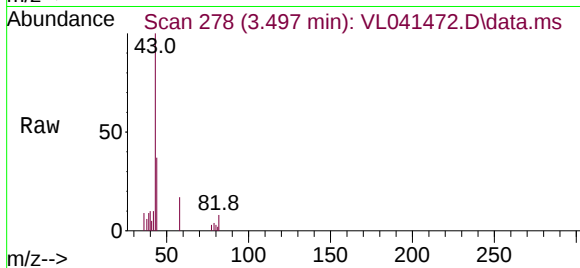
QC073124 CAN 10321

Tgt Ion: 43 Resp: 11802

Ion Ratio Lower Upper

43 100

58 34.7 21.4 32.2#



#20

Methylene Chloride

Concen: 0.168 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.003 min

Lab File: VL041472.D

Acq: 1 Aug 2024 10:38

Tgt Ion: 84 Resp: 6359

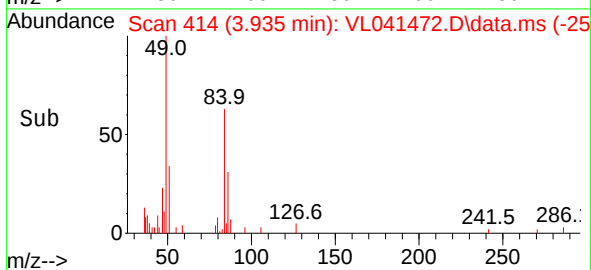
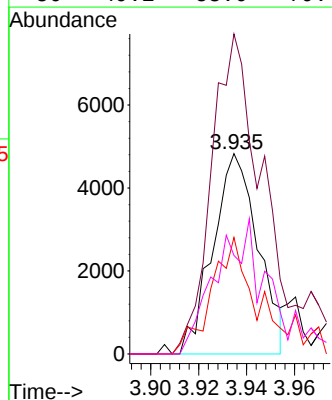
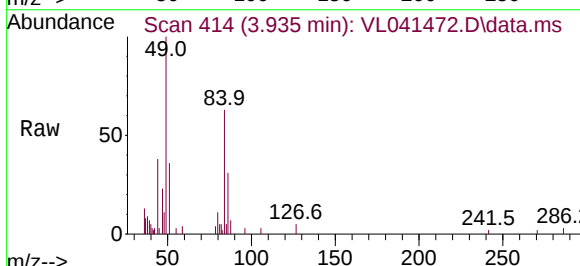
Ion Ratio Lower Upper

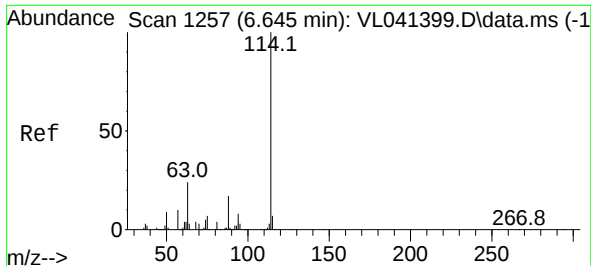
84 100

49 154.4 126.6 190.0

51 53.5 38.6 58.0

86 49.2 53.0 79.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041472.D

Acq: 1 Aug 2024 10:38

Instrument :

MSVOA_L

ClientSampleId :

QC073124 CAN 10321

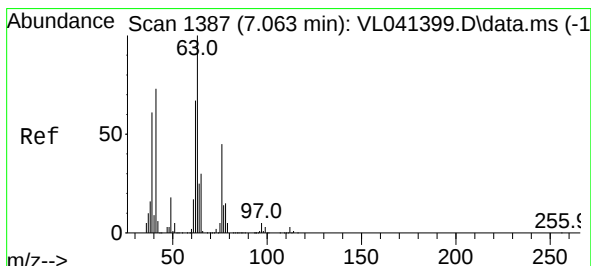
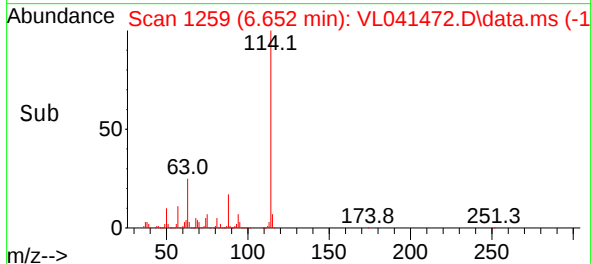
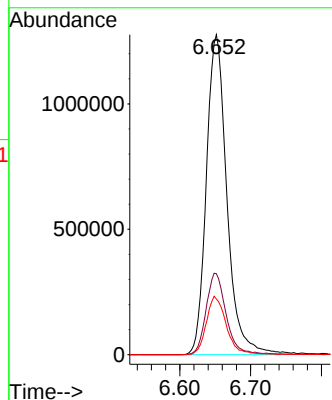
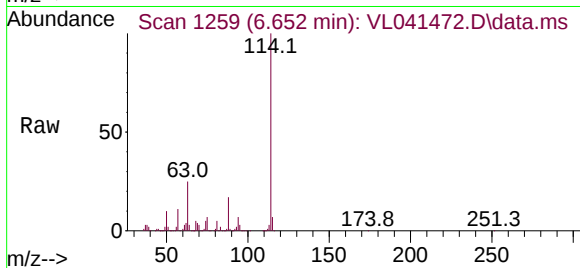
Tgt Ion:114 Resp: 2565626

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 17.9 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.856 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.421 min

Lab File: VL041472.D

Acq: 1 Aug 2024 10:38

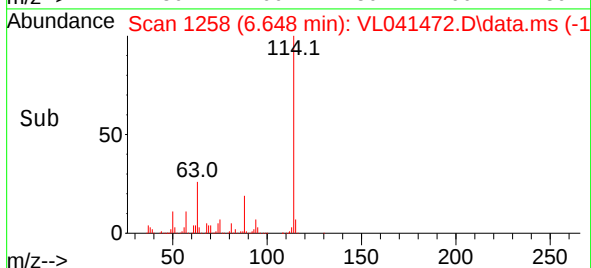
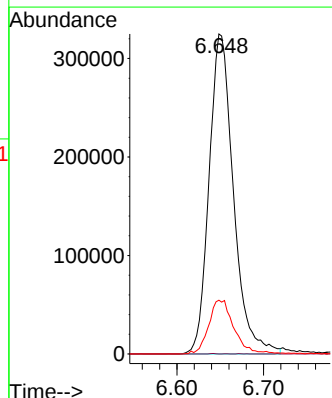
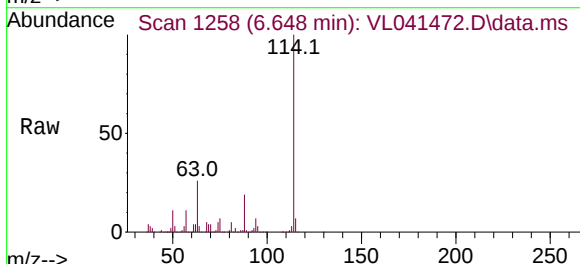
Tgt Ion: 63 Resp: 635604

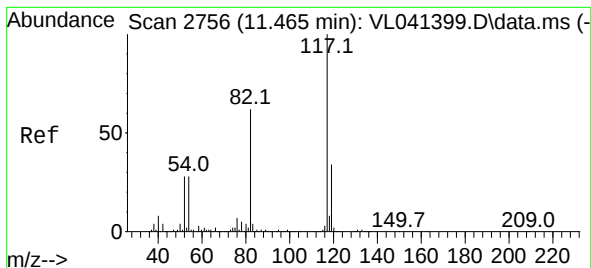
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.8 53.9 80.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041472.D

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ClientSampleId :

QC073124 CAN 10321

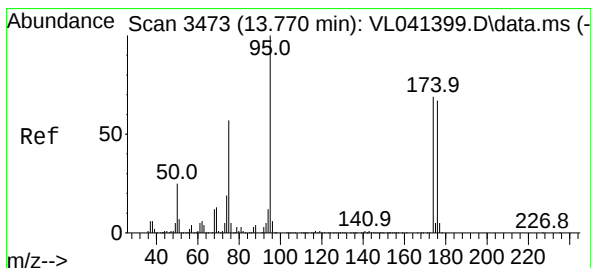
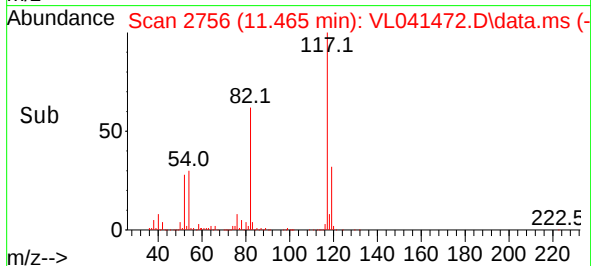
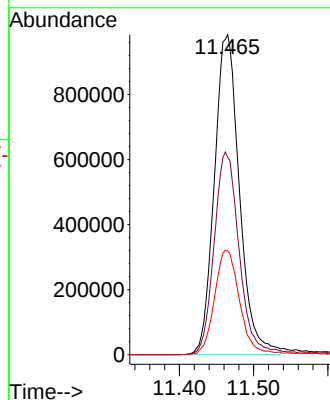
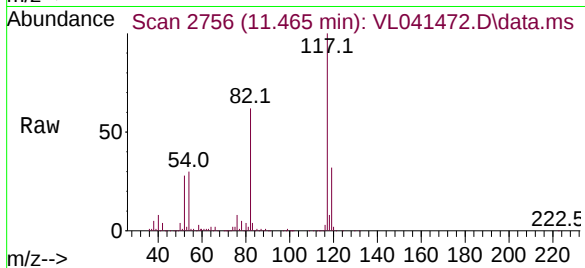
Tgt Ion:117 Resp: 2308692

Ion Ratio Lower Upper

117 100

82 64.3 51.0 76.6

119 33.6 45.2 67.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.199 ppbv

RT: 13.774 min Scan# 3474

Delta R.T. 0.000 min

Lab File: VL041472.D

Acq: 1 Aug 2024 10:38

Tgt Ion: 95 Resp: 1812097

Ion Ratio Lower Upper

95 100

174 69.9 56.3 84.5

175 5.0 4.0 6.0

