

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041646.D
 Acq On : 10 Oct 2024 17:24
 Operator : SY/MD
 Sample : CAN 10492
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:42:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

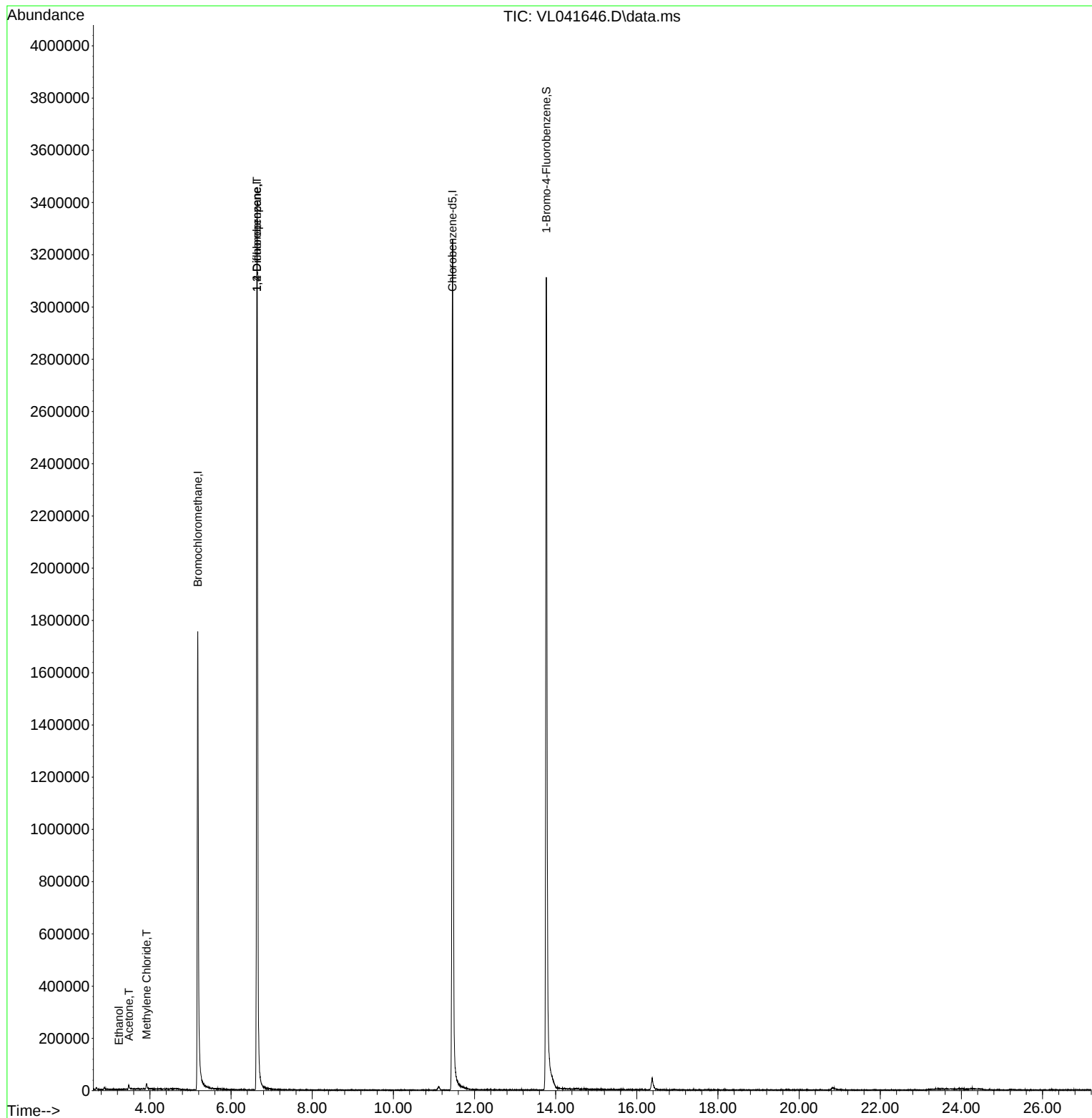
Internal Standards						
1) Bromochloromethane	5.179	49	925843	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	2571660	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2149506	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1534339	9.697	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						
					Qvalue	
13) Ethanol	3.234	45	120	0.034	ppbv #	37
15) Acetone	3.481	43	14310	0.123	ppbv #	80
20) Methylene Chloride	3.919	84	4048	0.093	ppbv #	80
39) 1,2-Dichloropropane	6.639	63	635824	8.751	ppbv #	24

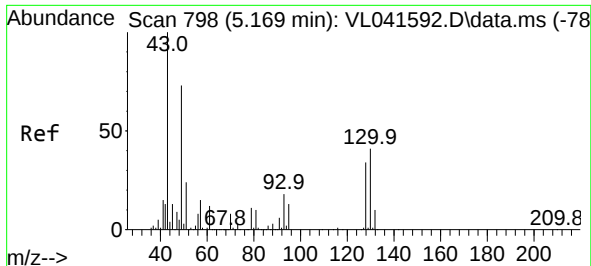
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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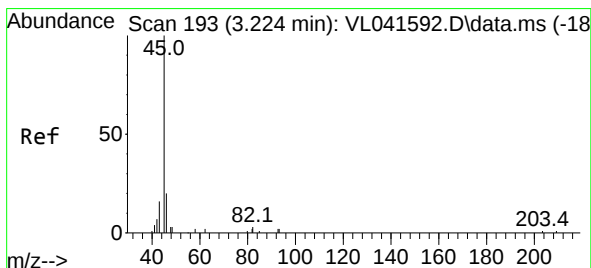
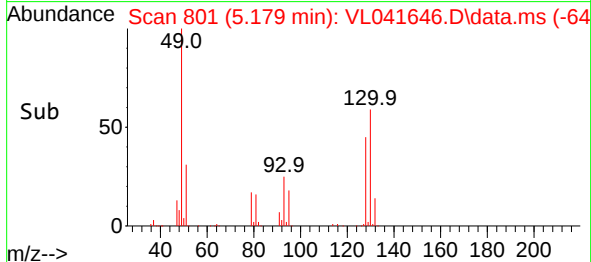
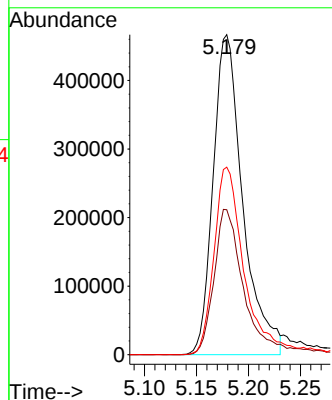
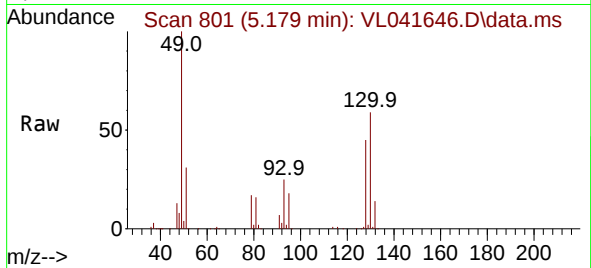




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.010 min
Lab File: VL041646.D
Acq: 10 Oct 2024 17:24

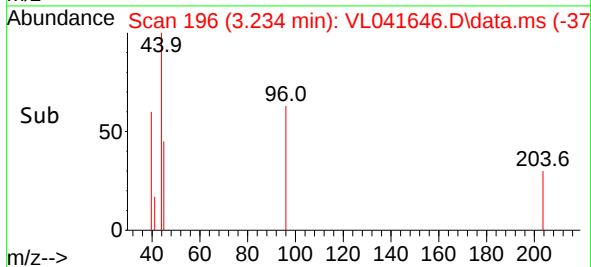
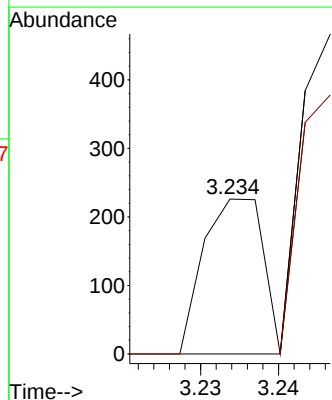
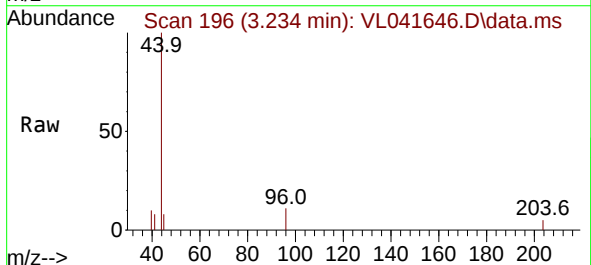
Instrument :
MSVOA_L
ClientSampleId :

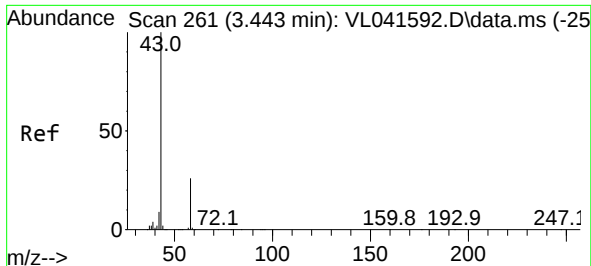
Tgt Ion: 49 Resp: 925843
Ion Ratio Lower Upper
49 100
128 47.6 23.8 71.5
130 63.3 30.4 91.3



#13
Ethanol
Concen: 0.034 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.010 min
Lab File: VL041646.D
Acq: 10 Oct 2024 17:24

Tgt Ion: 45 Resp: 120
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8#





#15

Acetone

Concen: 0.123 ppbv

RT: 3.481 min Scan# 21

Delta R.T. 0.039 min

Lab File: VL041646.D

Acq: 10 Oct 2024 17:24

Instrument :

MSVOA_L

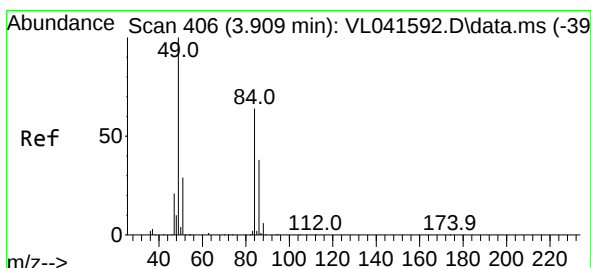
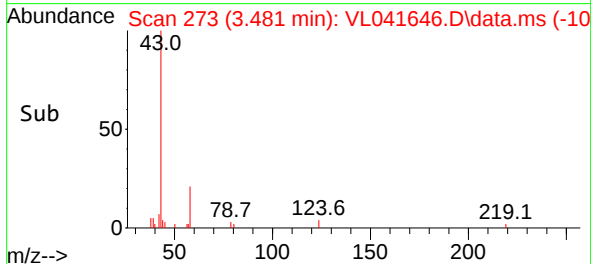
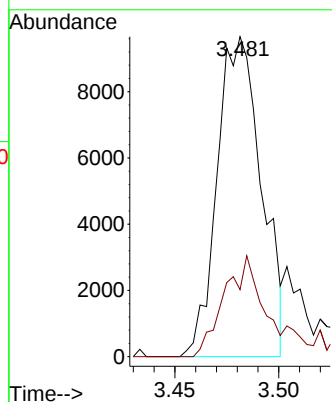
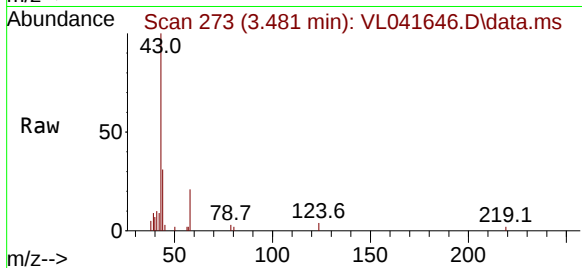
ClientSampleId :

Tgt Ion: 43 Resp: 14310

Ion Ratio Lower Upper

43 100

58 37.3 21.5 32.3#



#20

Methylene Chloride

Concen: 0.093 ppbv

RT: 3.919 min Scan# 409

Delta R.T. 0.010 min

Lab File: VL041646.D

Acq: 10 Oct 2024 17:24

Tgt Ion: 84 Resp: 4048

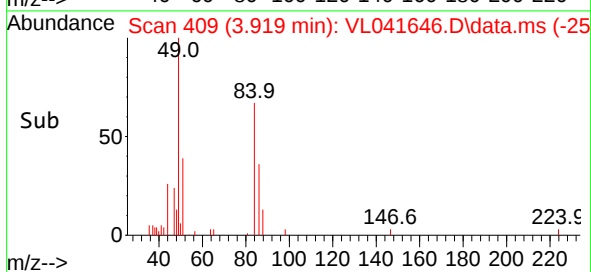
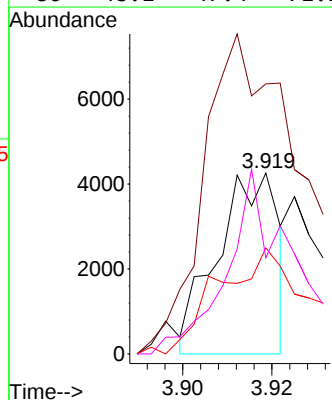
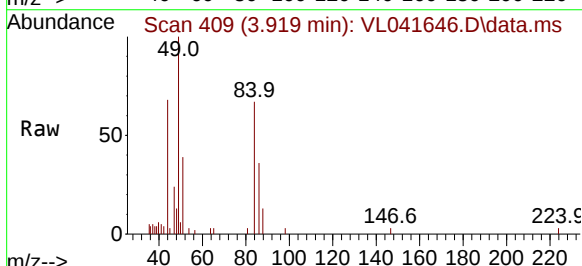
Ion Ratio Lower Upper

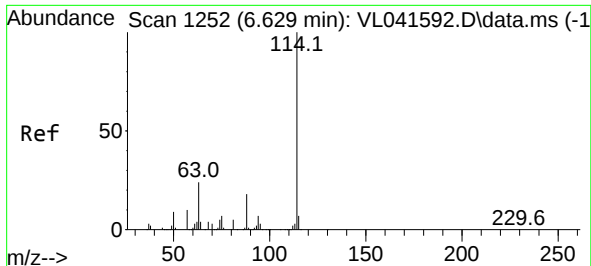
84 100

49 125.1 124.3 186.5

51 55.8 36.3 54.5#

86 48.1 47.4 71.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. 0.010 min

Lab File: VL041646.D

Acq: 10 Oct 2024 17:24

Instrument :

MSVOA_L

ClientSampleId :

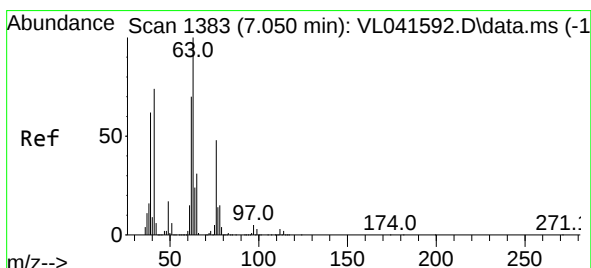
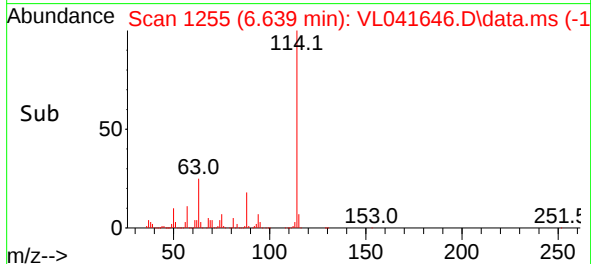
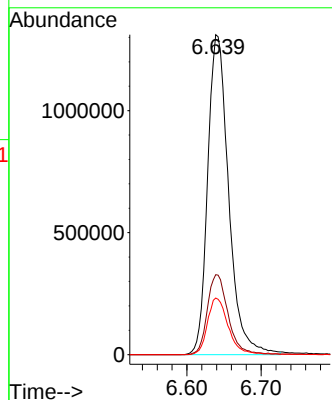
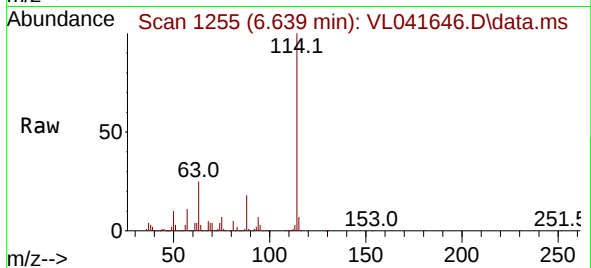
Tgt Ion:114 Resp: 2571660

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.2

88 17.7 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.751 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.411 min

Lab File: VL041646.D

Acq: 10 Oct 2024 17:24

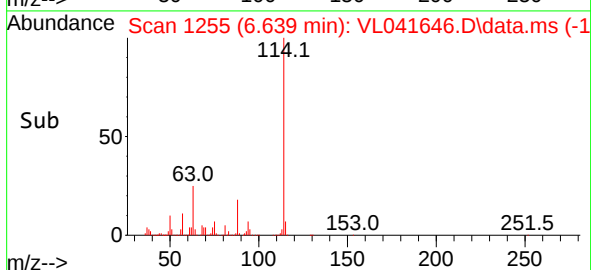
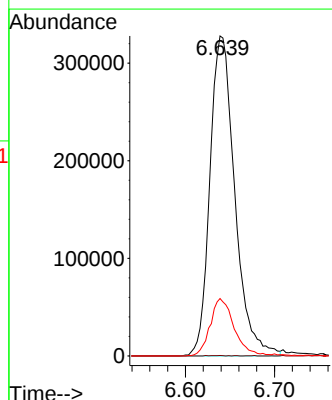
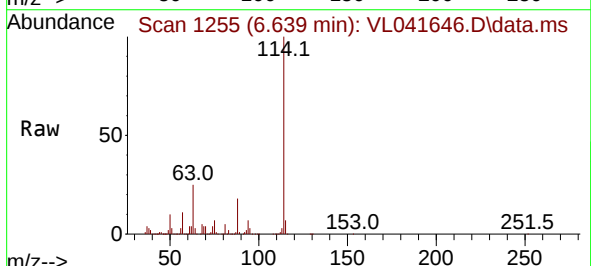
Tgt Ion: 63 Resp: 635824

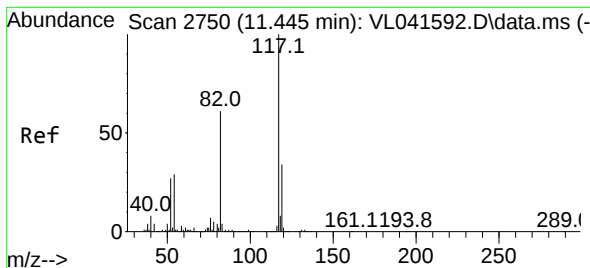
Ion Ratio Lower Upper

63 100

41 0.3 59.5 89.3#

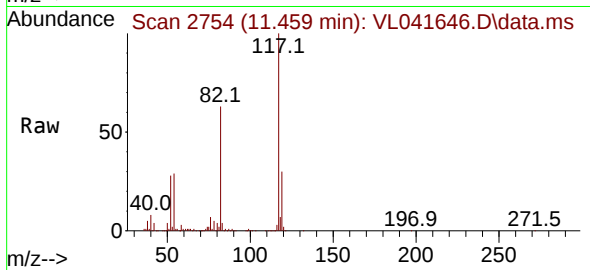
62 18.0 56.2 84.2#



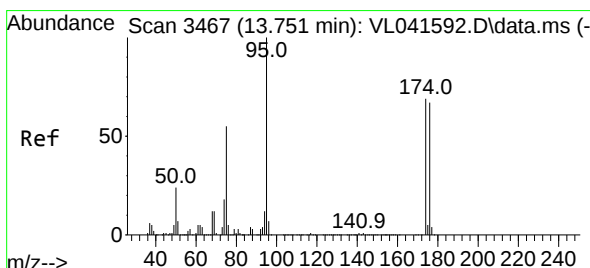
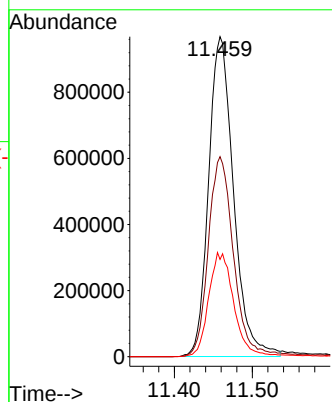
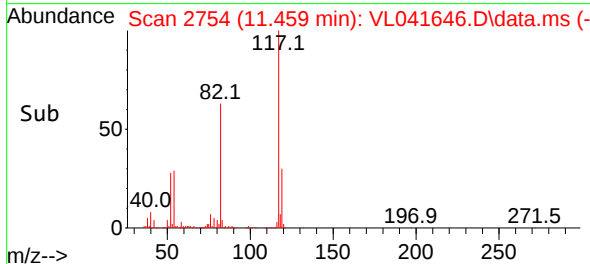


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041646.D
Acq: 10 Oct 2024 17:24

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 2149506
Ion Ratio Lower Upper
117 100
82 64.6 49.4 74.2
119 33.4 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.697 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.020 min
Lab File: VL041646.D
Acq: 10 Oct 2024 17:24

Tgt Ion: 95 Resp: 1534339
Ion Ratio Lower Upper
95 100
174 71.6 55.8 83.8
175 5.1 4.1 6.1

