

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041647.D
 Acq On : 10 Oct 2024 18:04
 Operator : SY/MD
 Sample : CAN 10329
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:43:07 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)

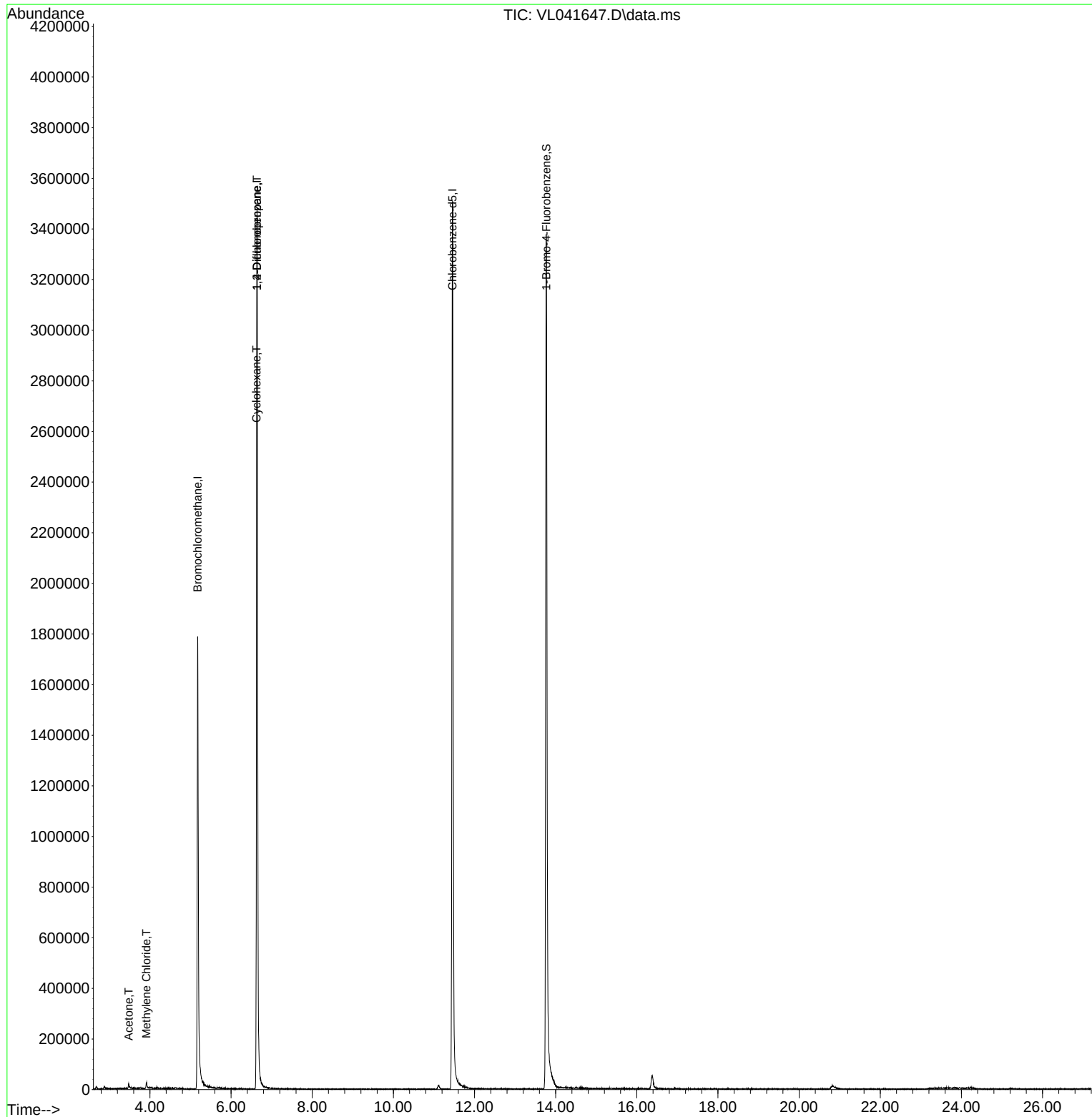
Internal Standards						
1) Bromochloromethane	5.176	49	960622	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2588688	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2298300	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1697077	10.031	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
15) Acetone	3.478	43	13435	0.111	ppbv #	75
20) Methylene Chloride	3.912	84	3726	0.082	ppbv #	93
30) Cyclohexane	6.629	84	4963	0.071	ppbv #	1
39) 1,2-Dichloropropane	6.639	63	639550	8.744	ppbv #	24

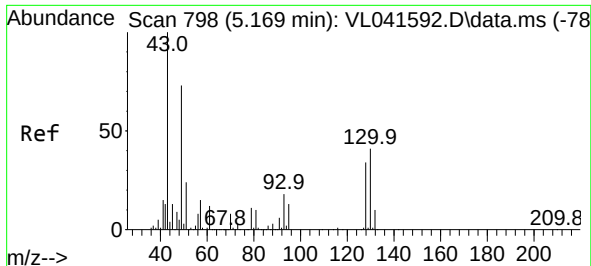
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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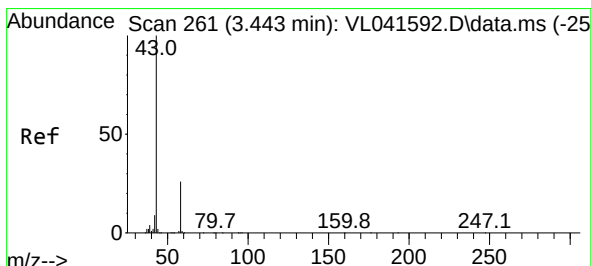
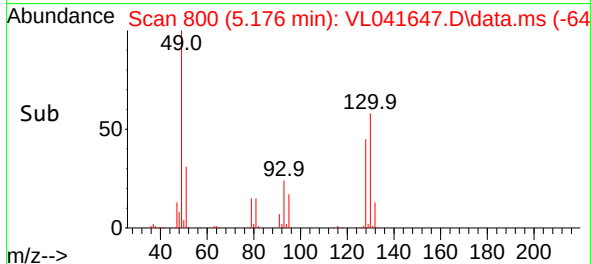
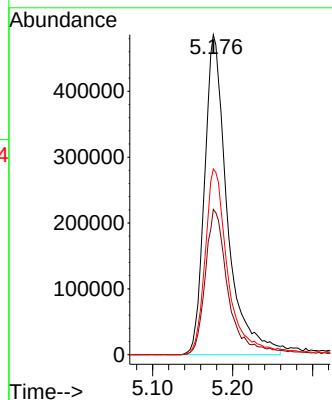
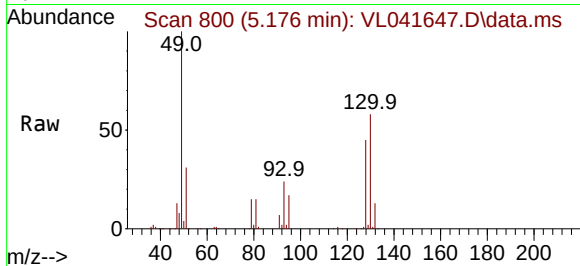




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041647.D
Acq: 10 Oct 2024 18:04

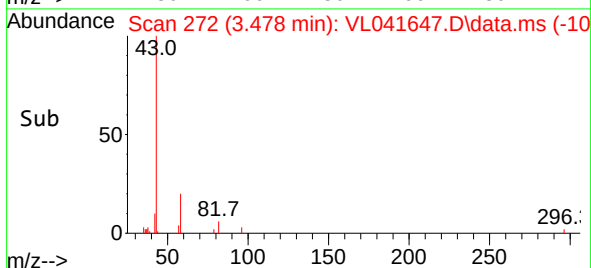
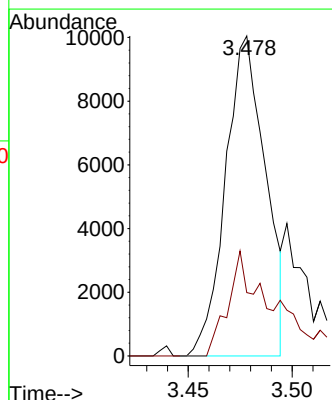
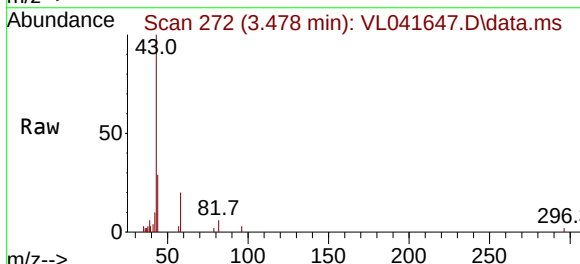
Instrument :
MSVOA_L
ClientSampleId :

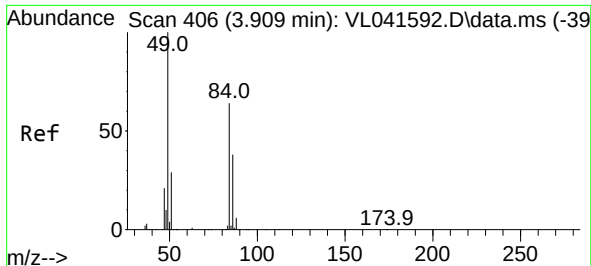
Tgt Ion: 49 Resp: 960622
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.5
130 60.6 30.4 91.3



#15
Acetone
Concen: 0.111 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.036 min
Lab File: VL041647.D
Acq: 10 Oct 2024 18:04

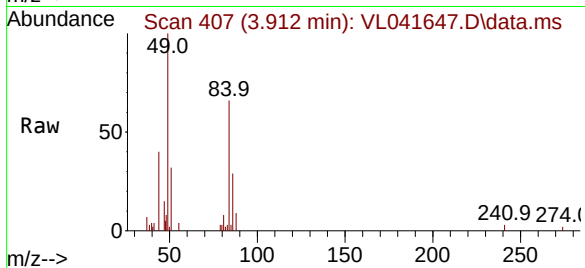
Tgt Ion: 43 Resp: 13435
Ion Ratio Lower Upper
43 100
58 40.0 21.5 32.3#



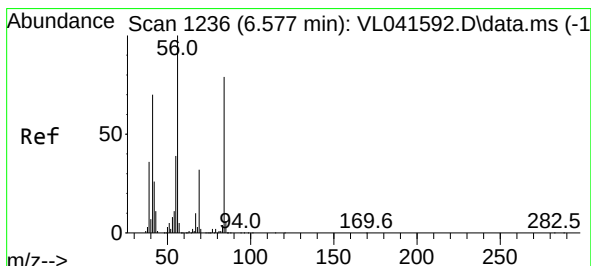
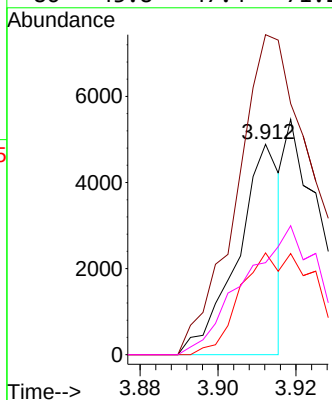
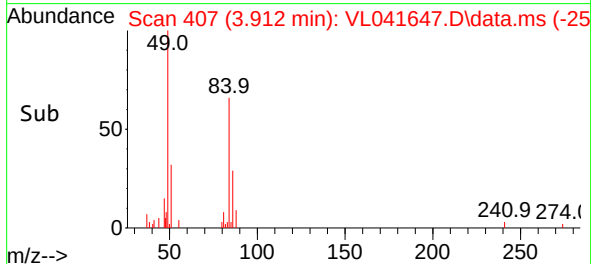


#20
Methylene Chloride
Concen: 0.082 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL041647.D
Acq: 10 Oct 2024 18:04

Instrument :
MSVOA_L
ClientSampleId :

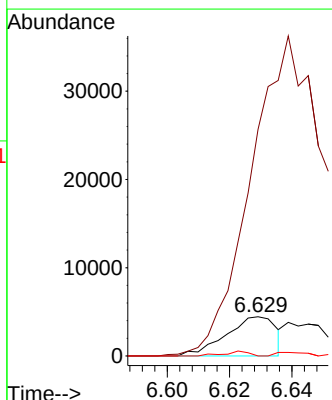
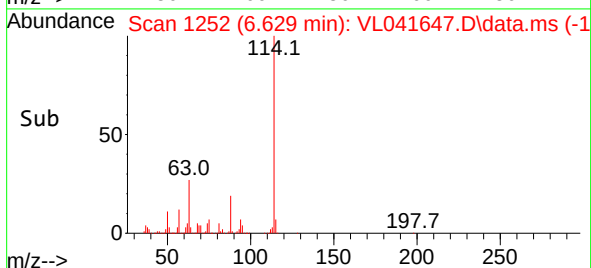
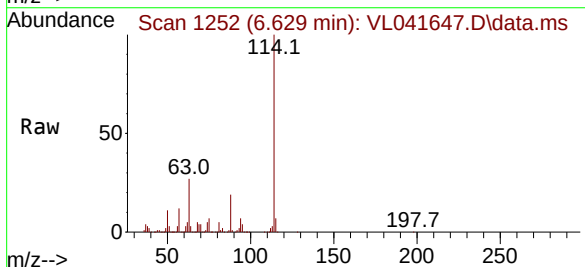


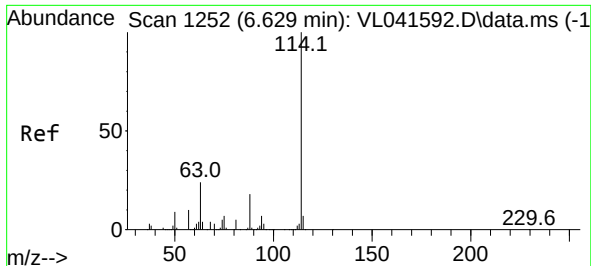
Tgt Ion: 84 Resp: 3726
Ion Ratio Lower Upper
84 100
49 152.1 124.3 186.5
51 48.3 36.3 54.5
86 43.8 47.4 71.2#



#30
Cyclohexane
Concen: 0.071 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. 0.052 min
Lab File: VL041647.D
Acq: 10 Oct 2024 18:04

Tgt Ion: 84 Resp: 4963
Ion Ratio Lower Upper
84 100
56 0.0 111.5 167.3#
41 12.1 70.9 106.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. 0.010 min

Lab File: VL041647.D

Acq: 10 Oct 2024 18:04

Instrument :

MSVOA_L

ClientSampleId :

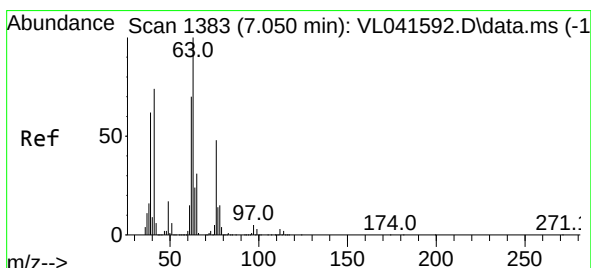
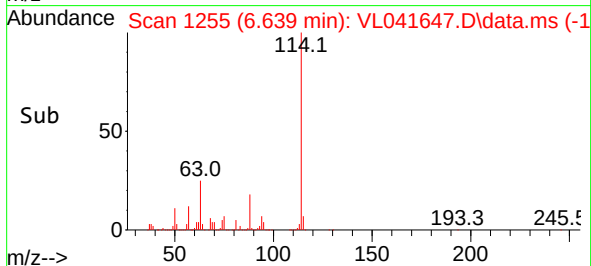
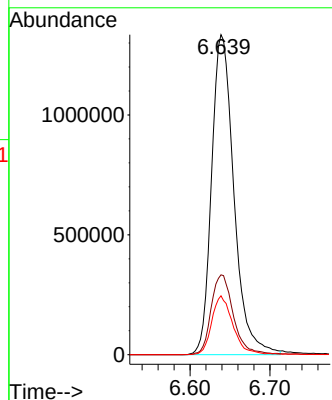
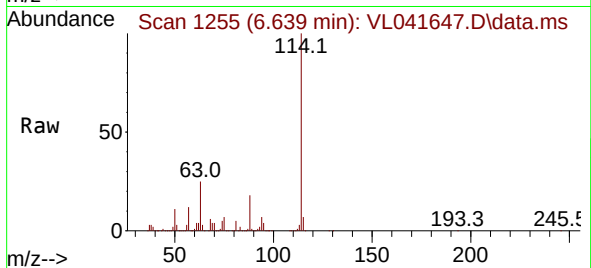
Tgt Ion:114 Resp: 2588688

Ion Ratio Lower Upper

114 100

63 25.4 20.2 30.2

88 17.7 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.744 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.411 min

Lab File: VL041647.D

Acq: 10 Oct 2024 18:04

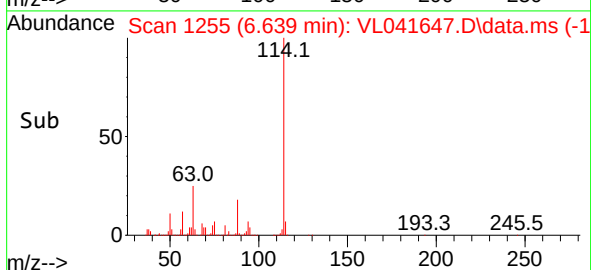
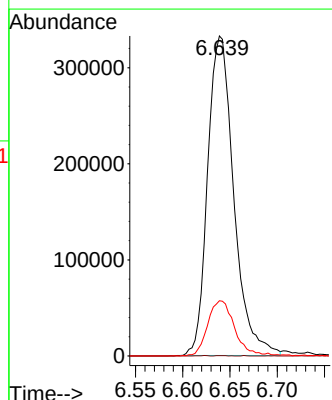
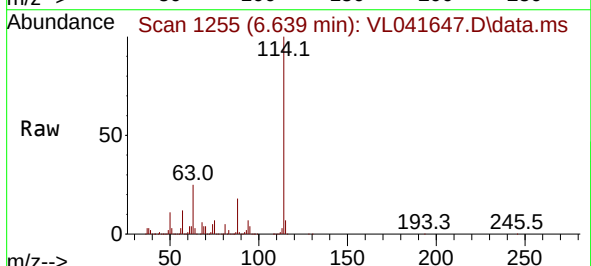
Tgt Ion: 63 Resp: 639550

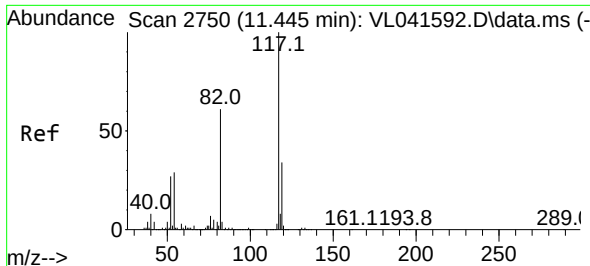
Ion Ratio Lower Upper

63 100

41 0.1 59.5 89.3#

62 17.3 56.2 84.2#

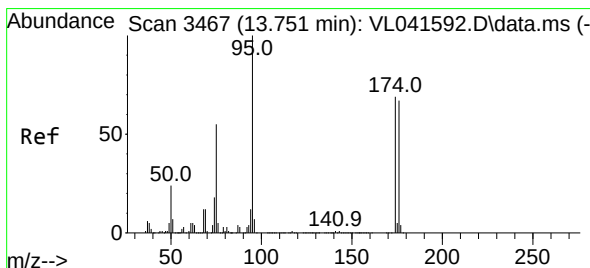
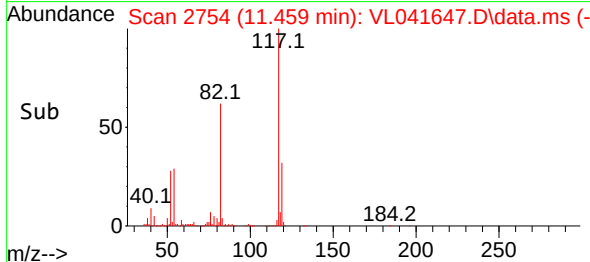
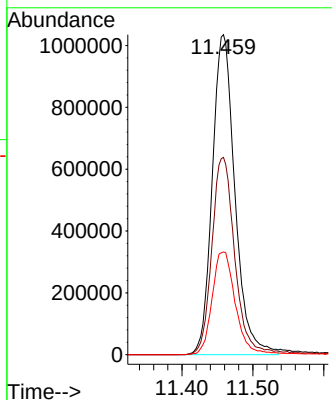
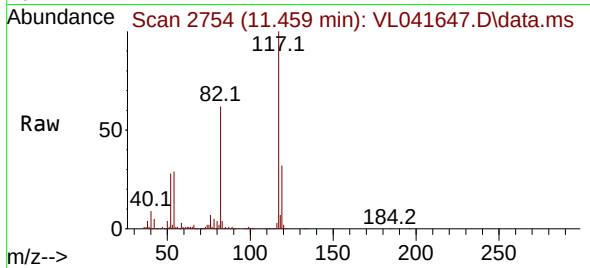




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041647.D
Acq: 10 Oct 2024 18:04

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2298300
Ion Ratio Lower Upper
117 100
82 63.9 49.4 74.2
119 33.5 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.031 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.016 min
Lab File: VL041647.D
Acq: 10 Oct 2024 18:04

Tgt Ion: 95 Resp: 1697077
Ion Ratio Lower Upper
95 100
174 71.1 55.8 83.8
175 5.1 4.1 6.1

