

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041648.D
 Acq On : 10 Oct 2024 18:44
 Operator : SY/MD
 Sample : CAN 10606
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:43:27 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)

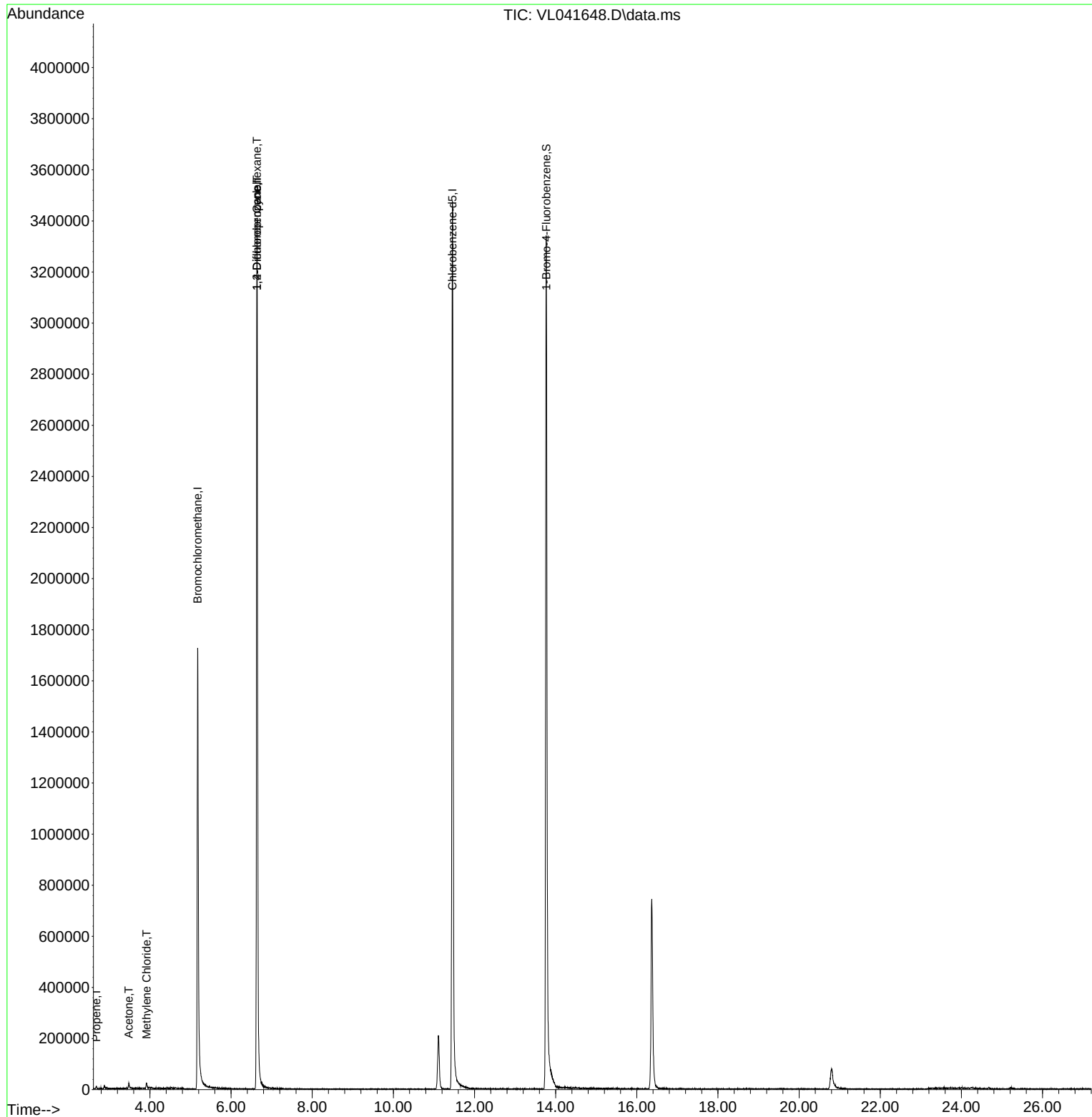
Internal Standards						
1) Bromochloromethane	5.176	49	922461	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2526988	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2294890	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1642276	9.721	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
9) Propene	2.677	41	2291	0.049	ppbv #	59
15) Acetone	3.478	43	18842	0.163	ppbv #	83
20) Methylene Chloride	3.918	84	1917	0.044	ppbv #	41
30) Cyclohexane	6.635	84	5365	0.080	ppbv #	1
39) 1,2-Dichloropropane	6.639	63	626867	8.780	ppbv #	23

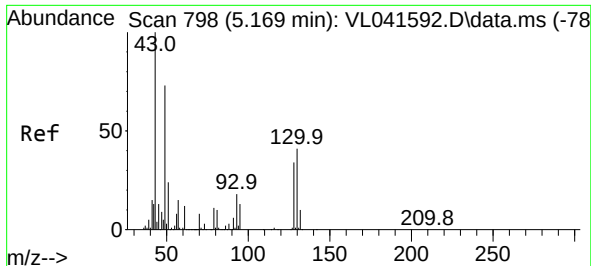
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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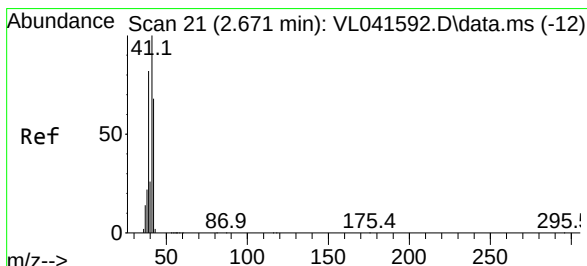
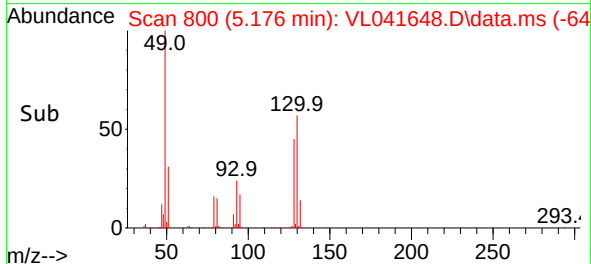
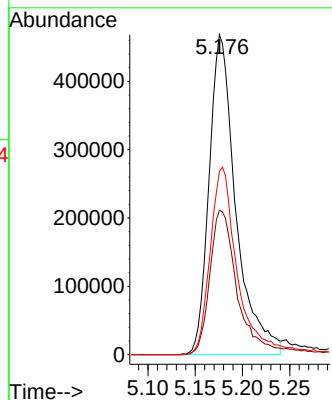
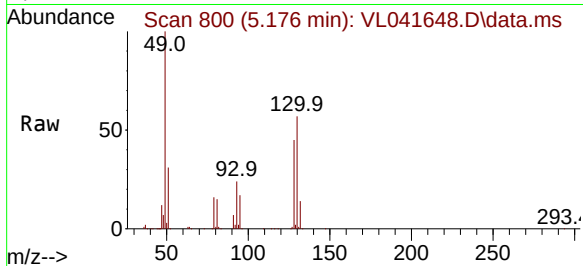




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041648.D
Acq: 10 Oct 2024 18:44

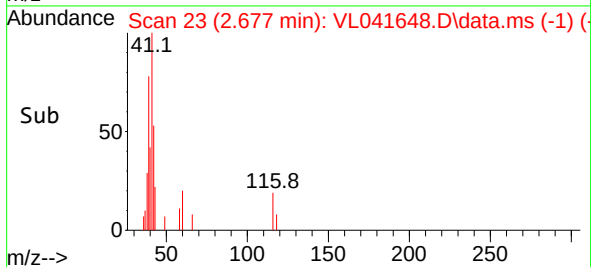
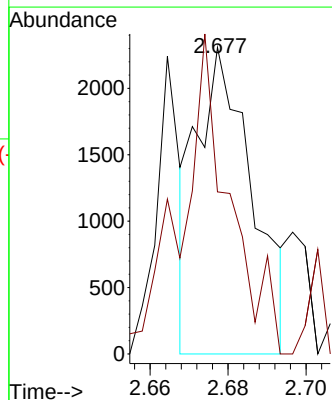
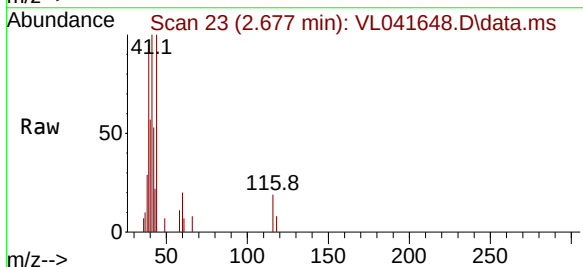
Instrument :
MSVOA_L
ClientSampleId :

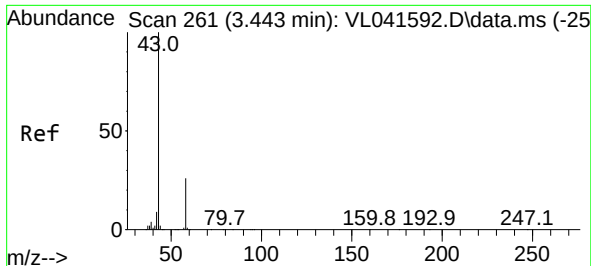
Tgt Ion: 49 Resp: 922461
Ion Ratio Lower Upper
49 100
128 48.6 23.8 71.5
130 62.4 30.4 91.3



#9
Propene
Concen: 0.049 ppbv
RT: 2.677 min Scan# 23
Delta R.T. 0.006 min
Lab File: VL041648.D
Acq: 10 Oct 2024 18:44

Tgt Ion: 41 Resp: 2291
Ion Ratio Lower Upper
41 100
42 102.5 55.2 82.8#

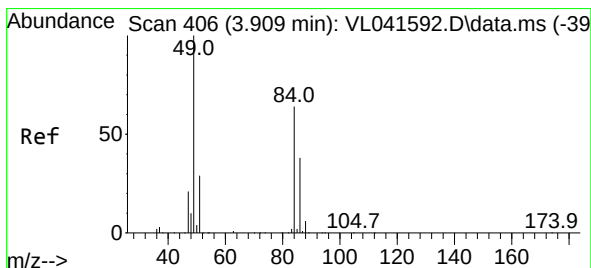
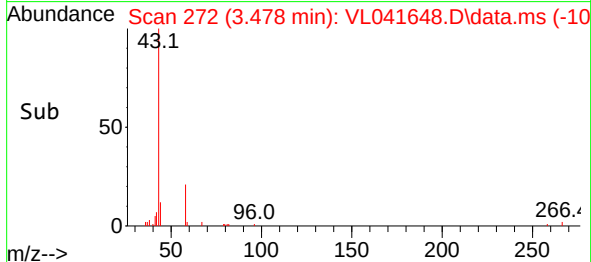
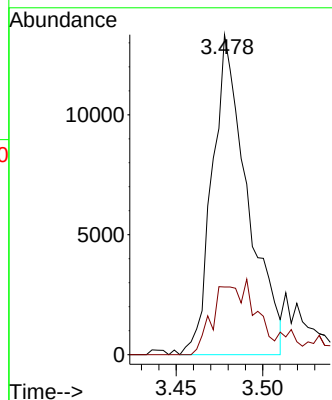
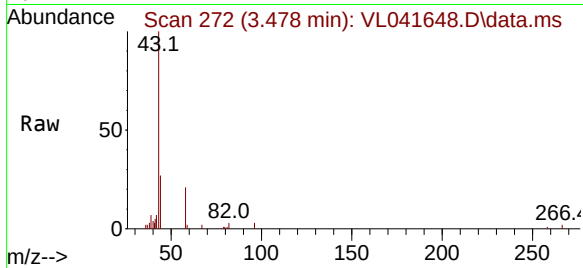




#15
Acetone
Concen: 0.163 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL041648.D
Acq: 10 Oct 2024 18:44

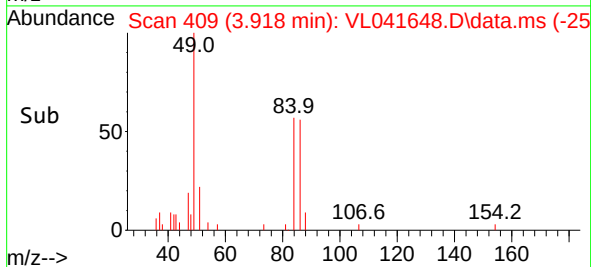
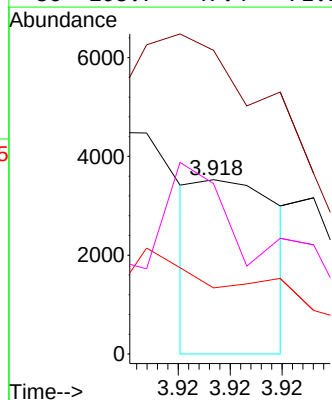
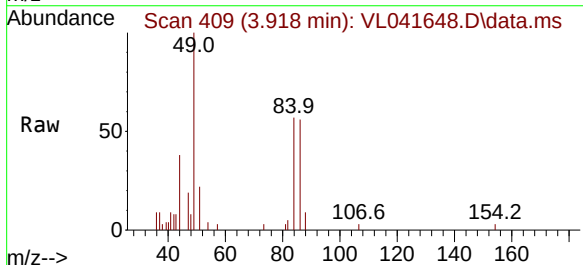
Instrument :
MSVOA_L
ClientSampleId :

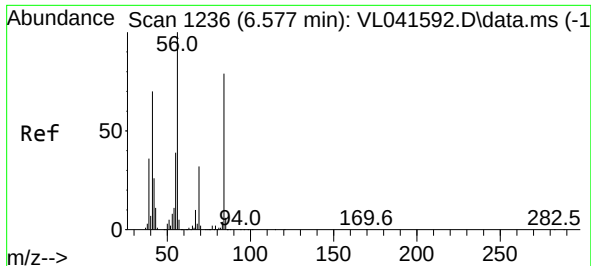
Tgt Ion: 43 Resp: 18842
Ion Ratio Lower Upper
43 100
58 35.9 21.5 32.3#



#20
Methylene Chloride
Concen: 0.044 ppbv
RT: 3.918 min Scan# 409
Delta R.T. 0.010 min
Lab File: VL041648.D
Acq: 10 Oct 2024 18:44

Tgt Ion: 84 Resp: 1917
Ion Ratio Lower Upper
84 100
49 158.9 124.3 186.5
51 0.0 36.3 54.5#
86 208.7 47.4 71.2#

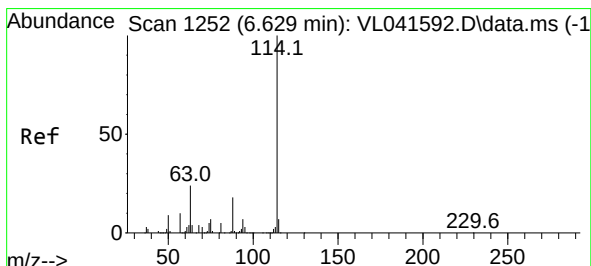
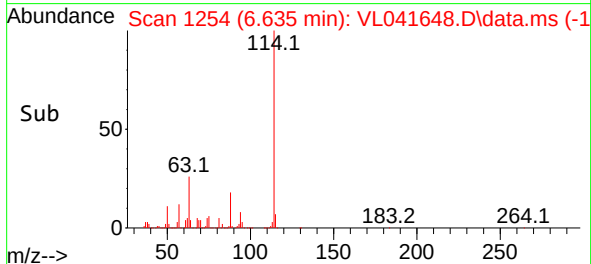
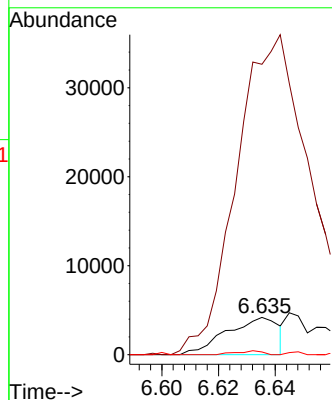
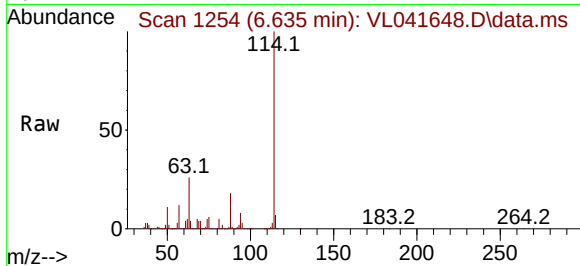




#30
Cyclohexane
Concen: 0.080 ppbv
RT: 6.635 min Scan# 11
Delta R.T. 0.058 min
Lab File: VL041648.D
Acq: 10 Oct 2024 18:44

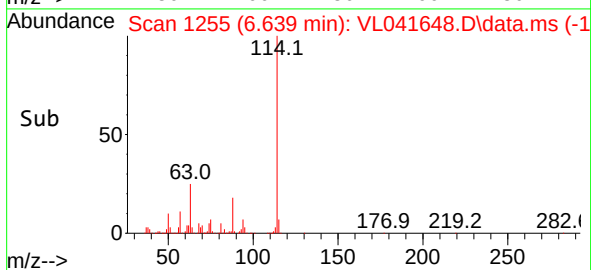
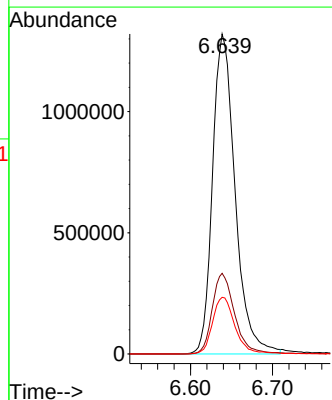
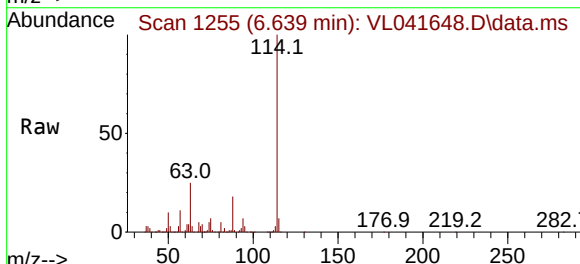
Instrument :
MSVOA_L
ClientSampleId :

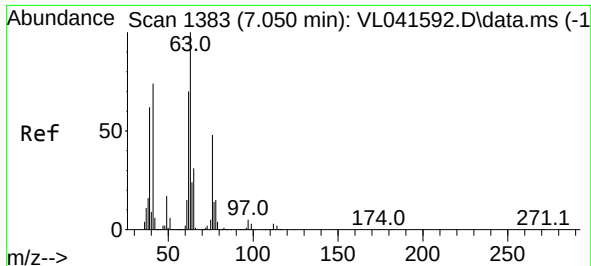
Tgt Ion: 84 Resp: 5365
Ion Ratio Lower Upper
84 100
56 0.0 111.5 167.3#
41 7.2 70.9 106.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.010 min
Lab File: VL041648.D
Acq: 10 Oct 2024 18:44

Tgt Ion:114 Resp: 2526988
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.2
88 17.8 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.780 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.412 min

Lab File: VL041648.D

Acq: 10 Oct 2024 18:44

Instrument :

MSVOA_L

ClientSampleId :

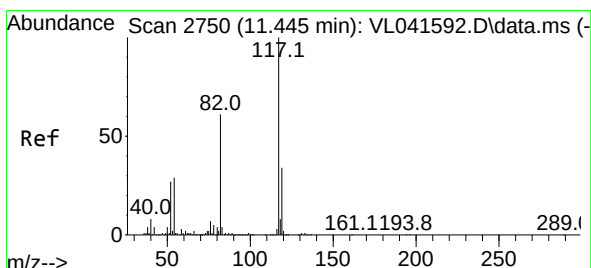
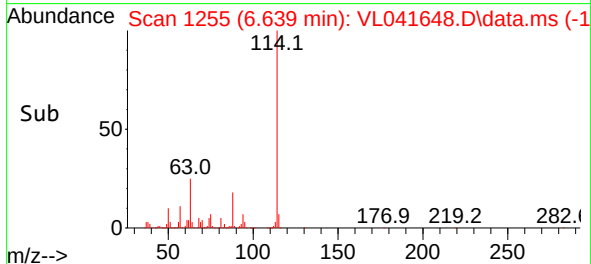
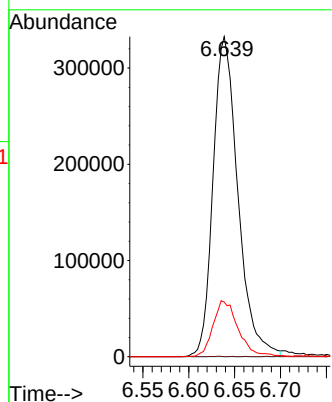
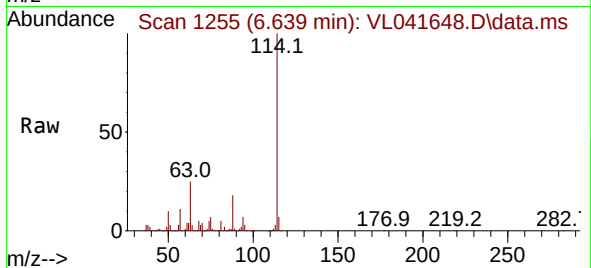
Tgt Ion: 63 Resp: 626867

Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

62 17.0 56.2 84.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. 0.010 min

Lab File: VL041648.D

Acq: 10 Oct 2024 18:44

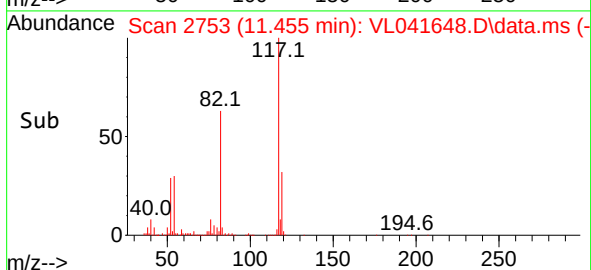
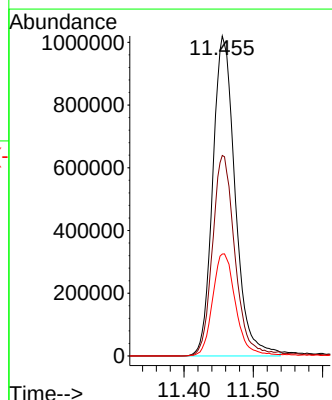
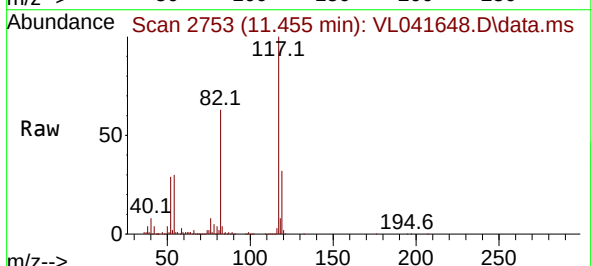
Tgt Ion: 117 Resp: 2294890

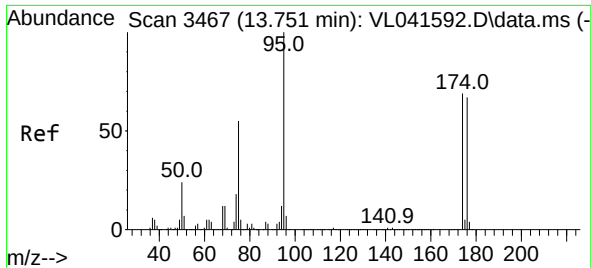
Ion Ratio Lower Upper

117 100

82 64.7 49.4 74.2

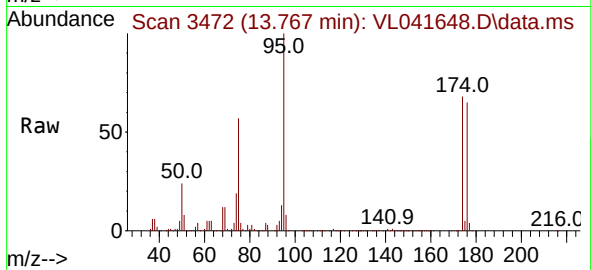
119 33.2 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.721 ppbv
 RT: 13.767 min Scan# 34
 Delta R.T. 0.016 min
 Lab File: VL041648.D
 Acq: 10 Oct 2024 18:44

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1642276

Ion	Ratio	Lower	Upper
95	100		
174	71.1	55.8	83.8
175	4.9	4.1	6.1

