

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041635.D
 Acq On : 10 Oct 2024 9:59
 Operator : SY/MD
 Sample : VL1010ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:37:01 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)

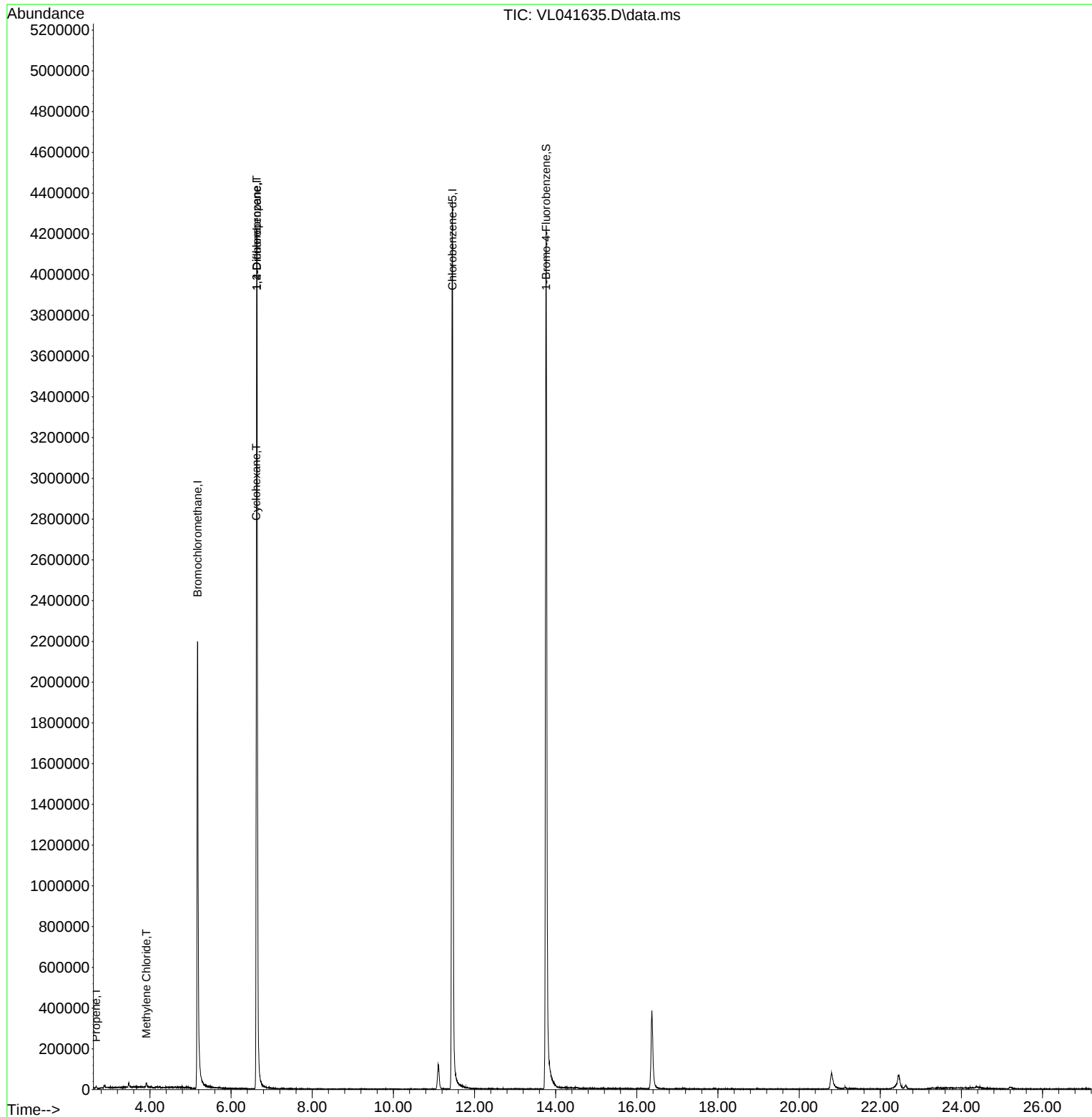
Internal Standards						
1) Bromochloromethane	5.173	49	1216561	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3268805	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2877888	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2090842	9.869	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
9) Propene	2.674	41	3438	0.055	ppbv	91
20) Methylene Chloride	3.915	84	5838	0.102	ppbv	89
30) Cyclohexane	6.623	84	4272	0.048	ppbv #	1
39) 1,2-Dichloropropane	6.632	63	819342	8.872	ppbv #	24

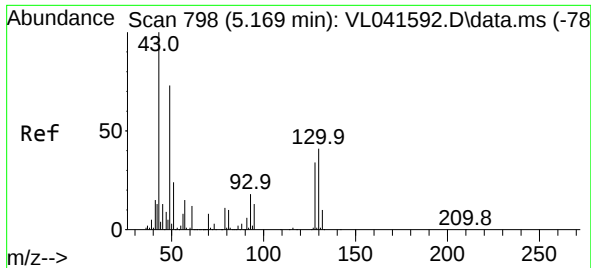
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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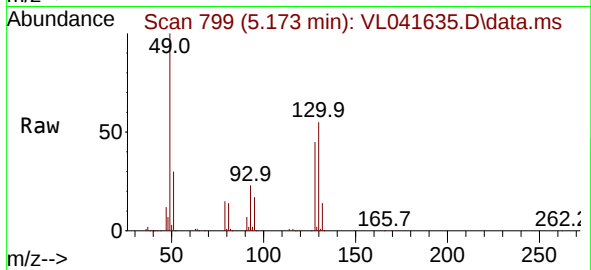
Quant Time: Oct 11 05:37:01 2024
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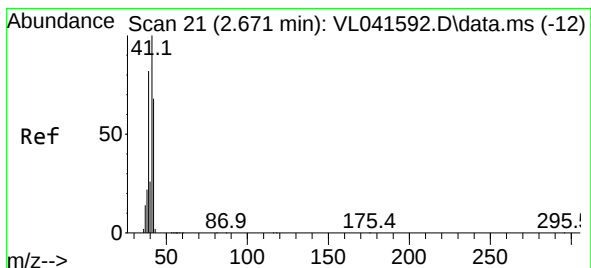
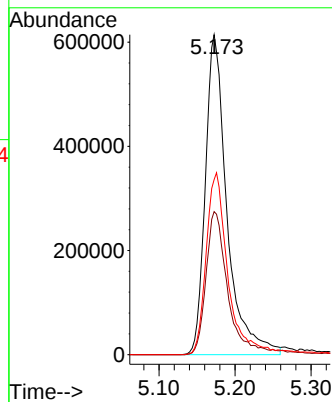
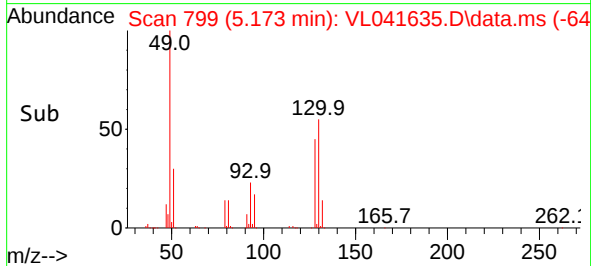


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.173 min Scan# 79
 Delta R.T. 0.004 min
 Lab File: VL041635.D
 Acq: 10 Oct 2024 9:59

Instrument :
 MSVOA_L
 ClientSampleId :

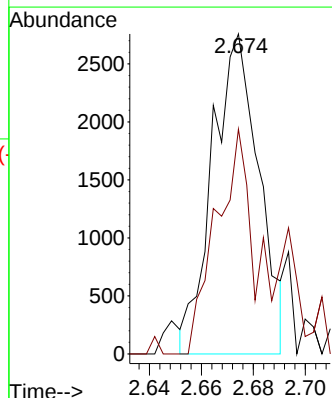
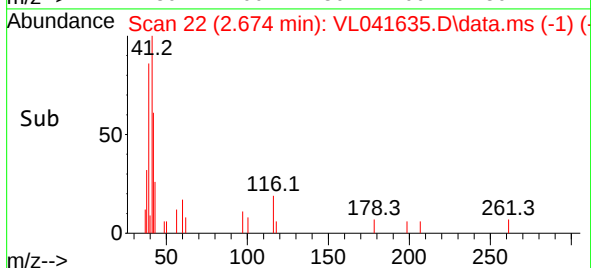
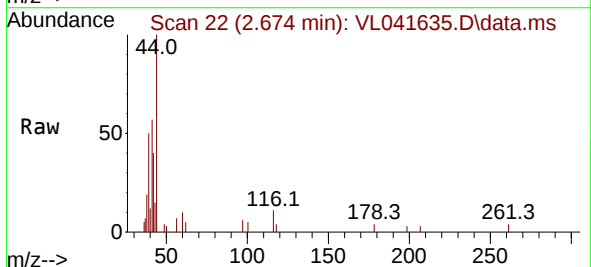


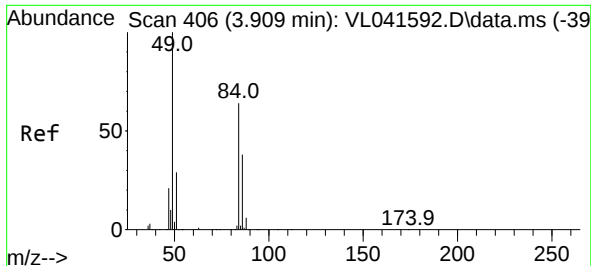
Tgt Ion: 49 Resp: 1216561
 Ion Ratio Lower Upper
 49 100
 128 46.1 23.8 71.5
 130 59.4 30.4 91.3



#9
 Propene
 Concen: 0.055 ppbv
 RT: 2.674 min Scan# 22
 Delta R.T. 0.003 min
 Lab File: VL041635.D
 Acq: 10 Oct 2024 9:59

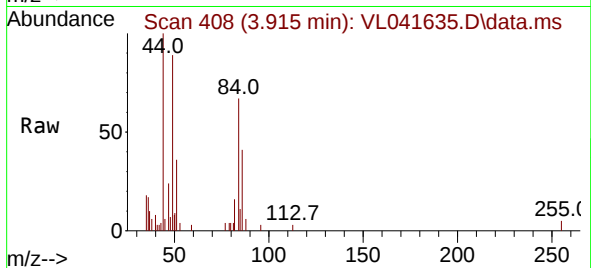
Tgt Ion: 41 Resp: 3438
 Ion Ratio Lower Upper
 41 100
 42 76.7 55.2 82.8



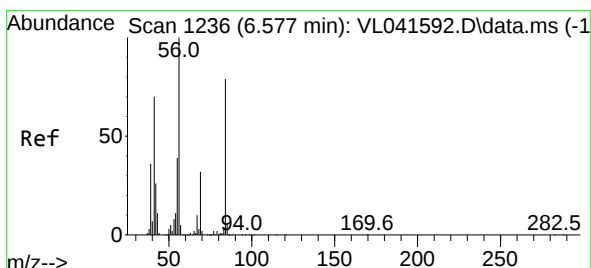
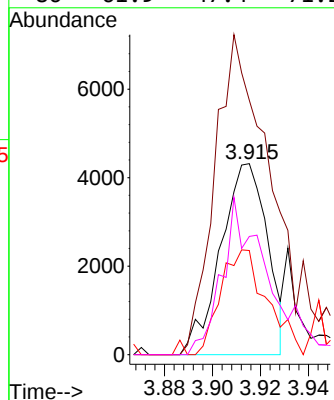
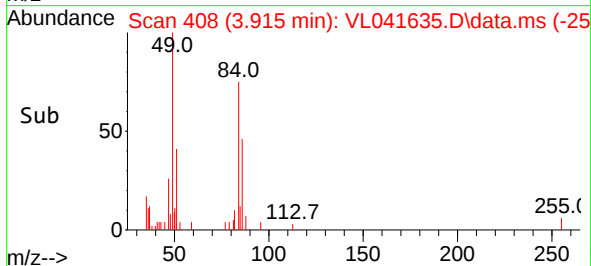


#20
Methylene Chloride
Concen: 0.102 ppbv
RT: 3.915 min Scan# 406
Delta R.T. 0.007 min
Lab File: VL041635.D
Acq: 10 Oct 2024 9:59

Instrument :
MSVOA_L
ClientSampleId :

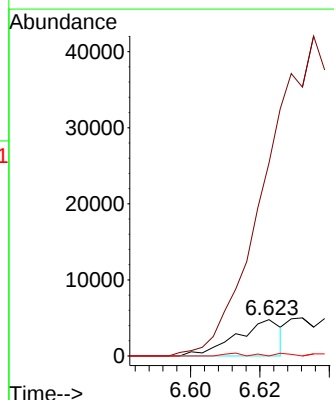
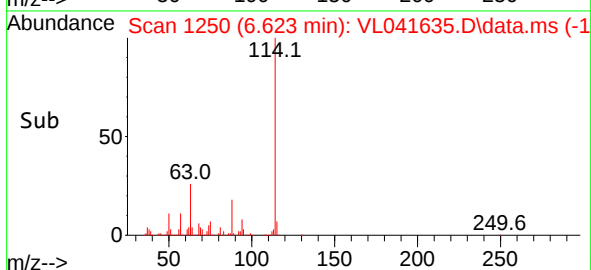
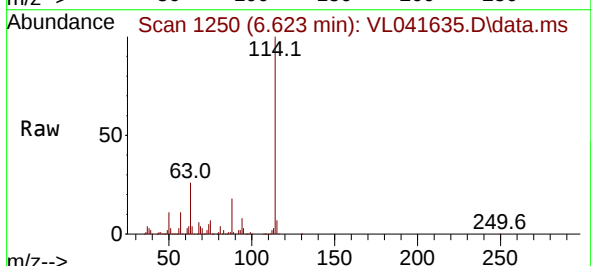


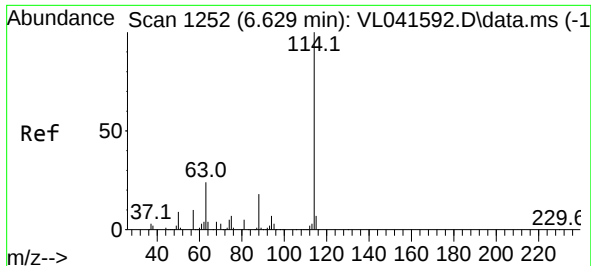
Tgt Ion:	84	Resp:	5838
Ion	Ratio	Lower	Upper
84	100		
49	133.2	124.3	186.5
51	46.9	36.3	54.5
86	61.9	47.4	71.2



#30
Cyclohexane
Concen: 0.048 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. 0.045 min
Lab File: VL041635.D
Acq: 10 Oct 2024 9:59

Tgt Ion:	84	Resp:	4272
Ion	Ratio	Lower	Upper
84	100		
56	0.0	111.5	167.3#
41	6.4	70.9	106.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL041635.D

Acq: 10 Oct 2024 9:59

Instrument :

MSVOA_L

ClientSampleId :

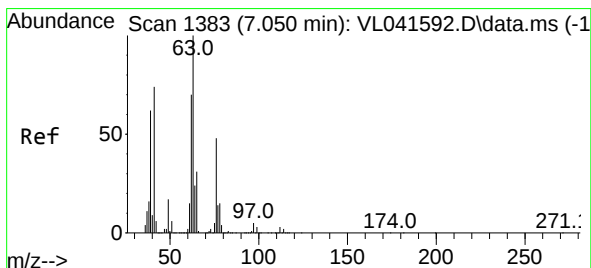
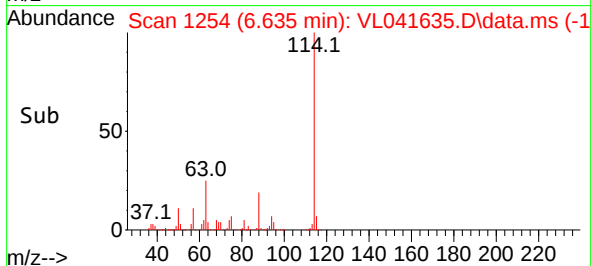
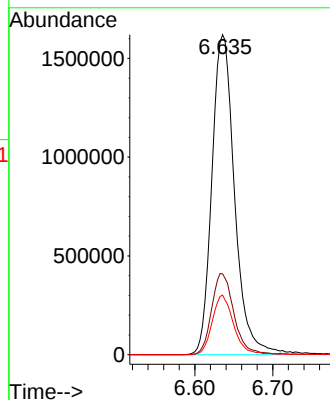
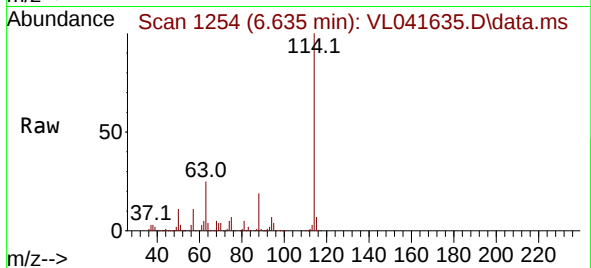
Tgt Ion:114 Resp: 3268805

Ion Ratio Lower Upper

114 100

63 25.4 20.2 30.2

88 17.8 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.872 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. -0.418 min

Lab File: VL041635.D

Acq: 10 Oct 2024 9:59

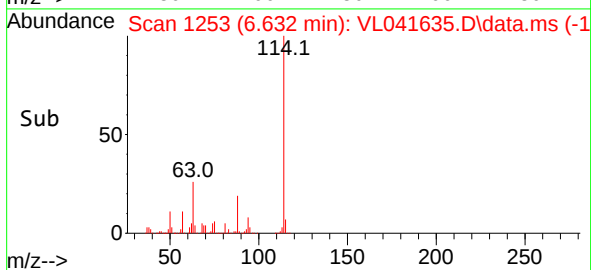
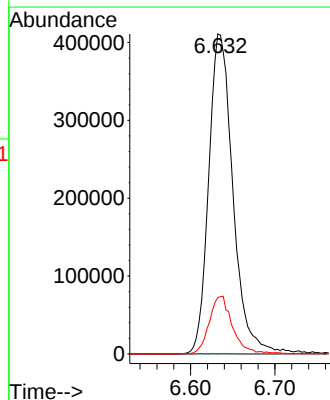
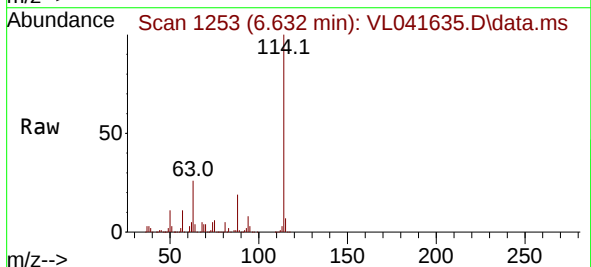
Tgt Ion: 63 Resp: 819342

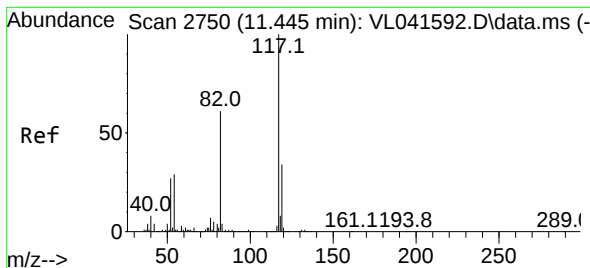
Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

62 17.6 56.2 84.2#

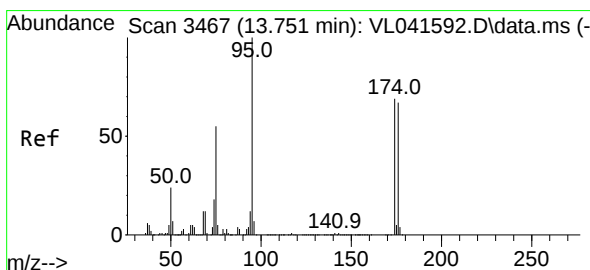
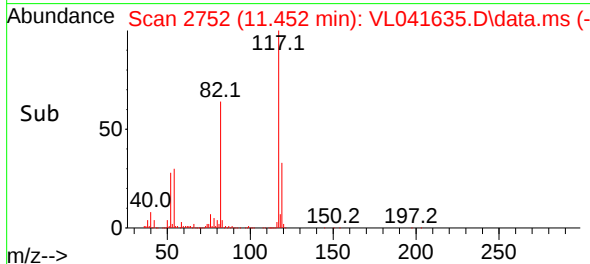
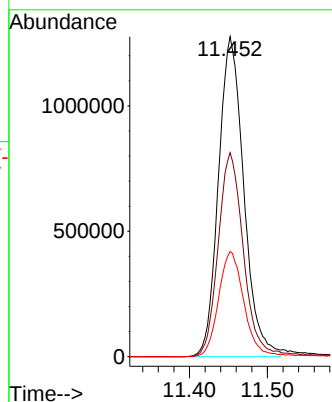
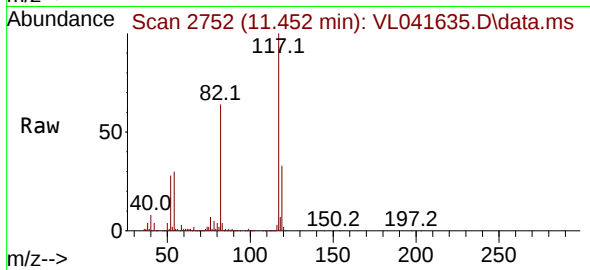




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041635.D
Acq: 10 Oct 2024 9:59

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2877888
Ion Ratio Lower Upper
117 100
82 64.5 49.4 74.2
119 33.7 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.869 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.013 min
Lab File: VL041635.D
Acq: 10 Oct 2024 9:59

Tgt Ion: 95 Resp: 2090842
Ion Ratio Lower Upper
95 100
174 72.4 55.8 83.8
175 5.3 4.1 6.1

