

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041644.D
 Acq On : 10 Oct 2024 16:05
 Operator : SY/MD
 Sample : CAN 10300
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:42:07 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)

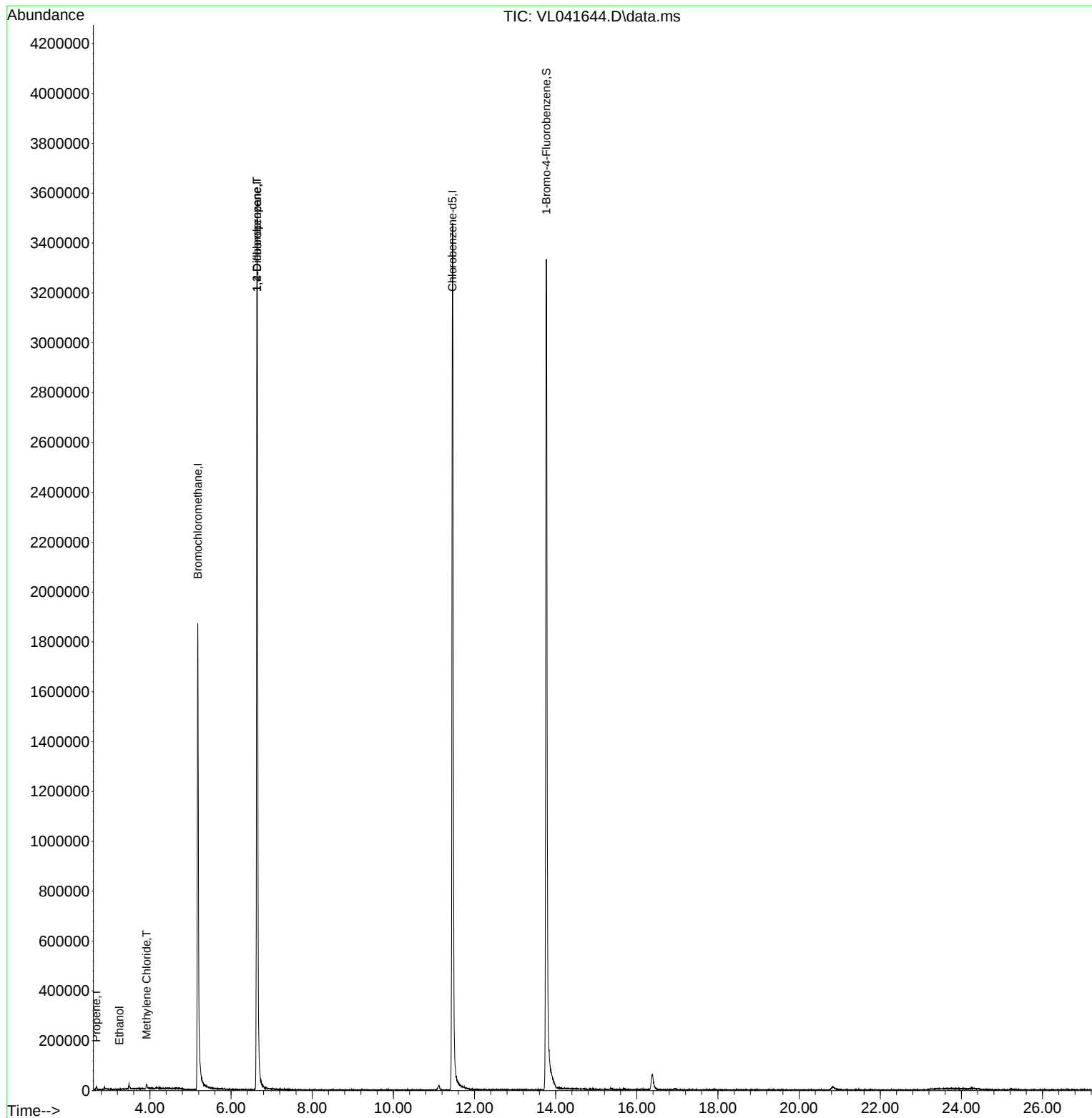
Internal Standards						
1) Bromochloromethane	5.179	49	1049832	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2788876	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.458	117	2364561	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1710360	9.826	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
					Qvalue	
9) Propene	2.677	41	3710	0.069	ppbv #	66
13) Ethanol	3.247	45	544	0.135	ppbv #	52
20) Methylene Chloride	3.919	84	6464	0.131	ppbv #	91
39) 1,2-Dichloropropane	6.639	63	680668	8.638	ppbv #	23

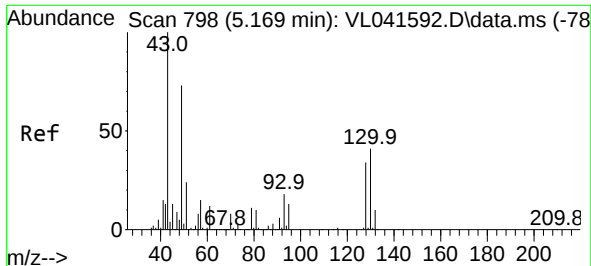
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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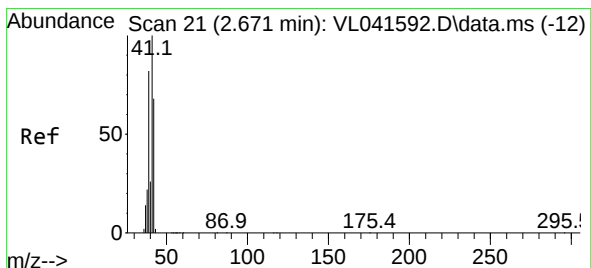
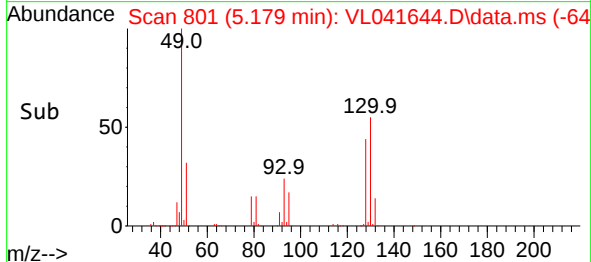
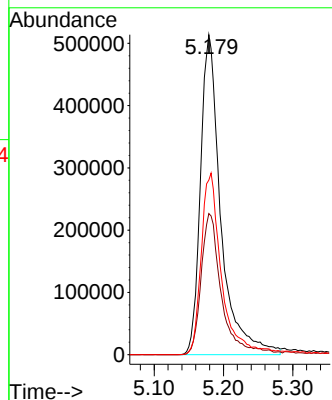
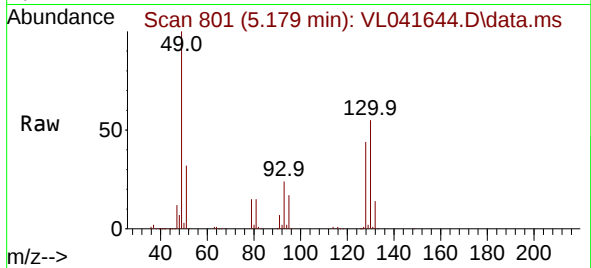




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL041644.D
Acq: 10 Oct 2024 16:05

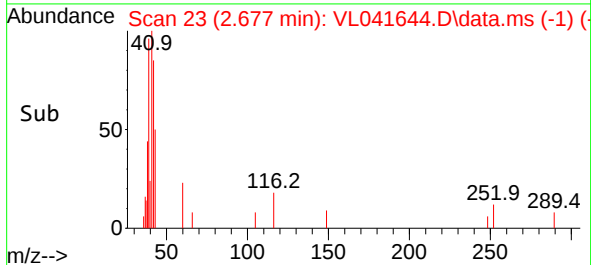
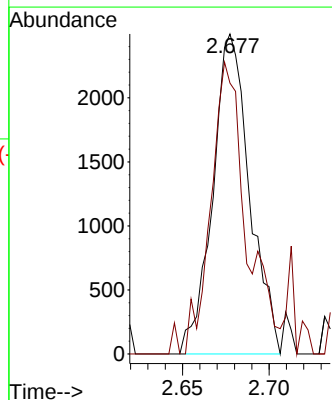
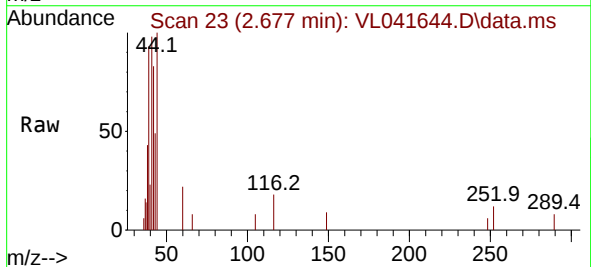
Instrument :
MSVOA_L
ClientSampleId :

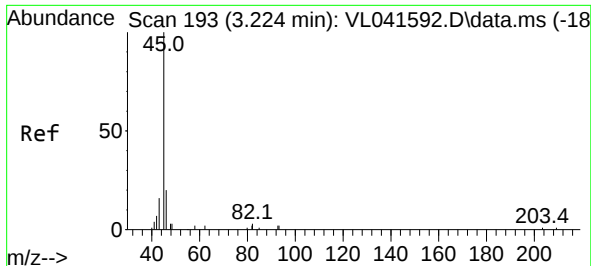
Tgt Ion: 49 Resp: 1049832
Ion Ratio Lower Upper
49 100
128 45.8 23.8 71.5
130 58.3 30.4 91.3



#9
Propene
Concen: 0.069 ppbv
RT: 2.677 min Scan# 23
Delta R.T. 0.007 min
Lab File: VL041644.D
Acq: 10 Oct 2024 16:05

Tgt Ion: 41 Resp: 3710
Ion Ratio Lower Upper
41 100
42 96.6 55.2 82.8

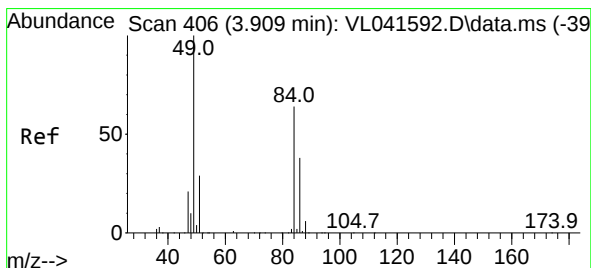
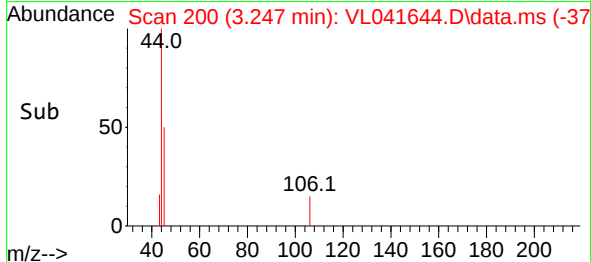
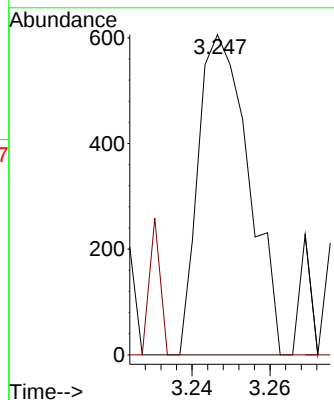
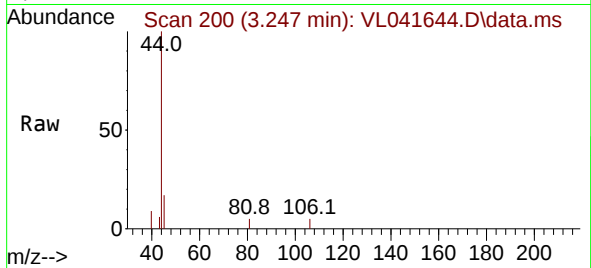




#13
 Ethanol
 Concen: 0.135 ppbv
 RT: 3.247 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: VL041644.D
 Acq: 10 Oct 2024 16:05

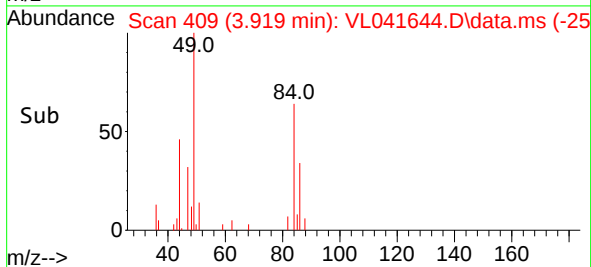
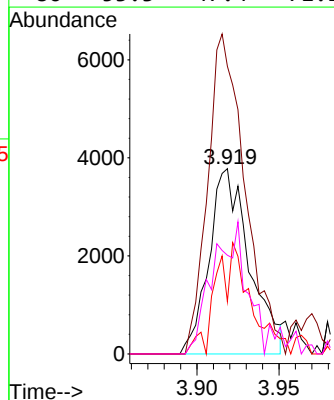
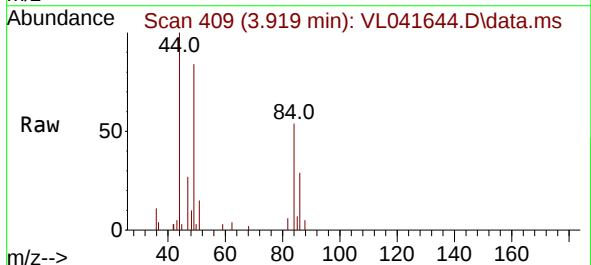
Instrument :
 MSVOA_L
 ClientSampleId :

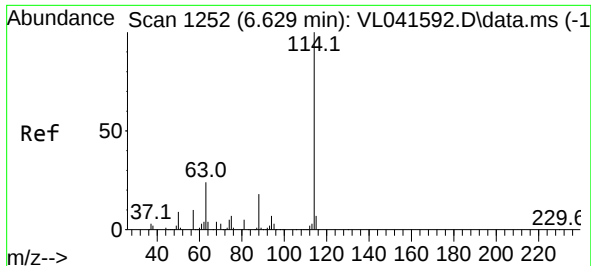
Tgt Ion: 45 Resp: 544
 Ion Ratio Lower Upper
 45 100
 46 9.2 15.2 60.8#



#20
 Methylene Chloride
 Concen: 0.131 ppbv
 RT: 3.919 min Scan# 409
 Delta R.T. 0.010 min
 Lab File: VL041644.D
 Acq: 10 Oct 2024 16:05

Tgt Ion: 84 Resp: 6464
 Ion Ratio Lower Upper
 84 100
 49 160.4 124.3 186.5
 51 28.2 36.3 54.5#
 86 53.3 47.4 71.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041644.D

Acq: 10 Oct 2024 16:05

Instrument :

MSVOA_L

ClientSampleId :

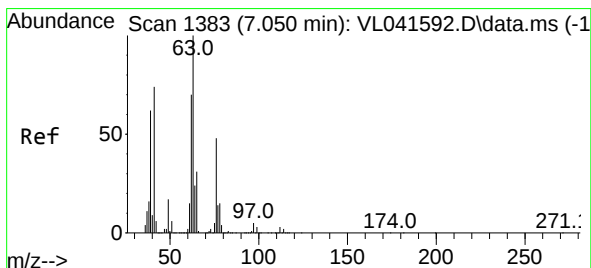
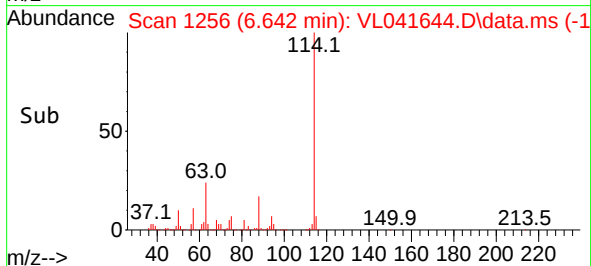
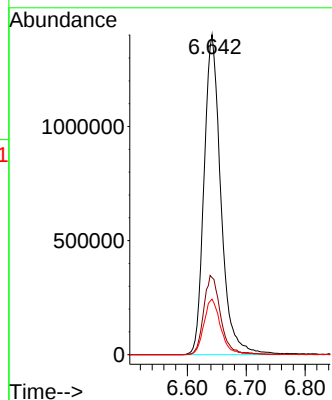
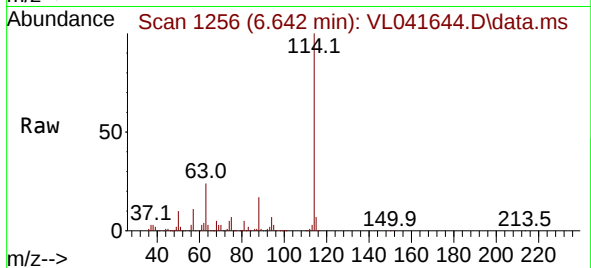
Tgt Ion:114 Resp: 2788876

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: 8.638 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.411 min

Lab File: VL041644.D

Acq: 10 Oct 2024 16:05

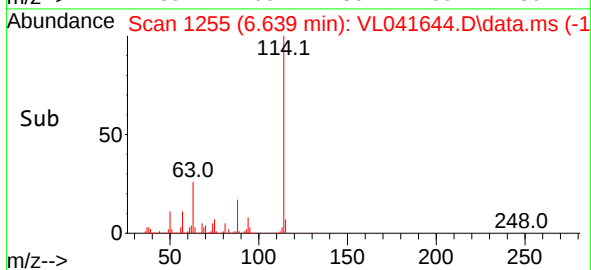
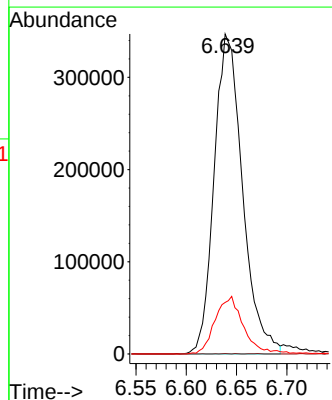
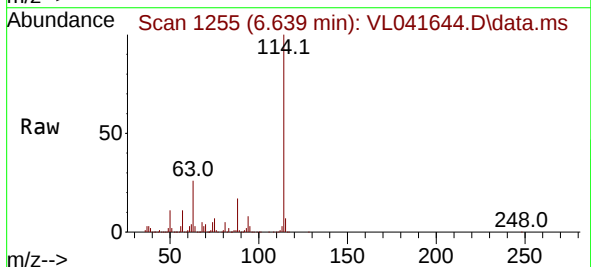
Tgt Ion: 63 Resp: 680668

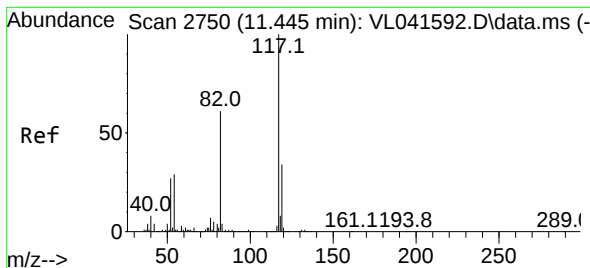
Ion Ratio Lower Upper

63 100

41 0.1 59.5 89.3#

62 16.1 56.2 84.2#

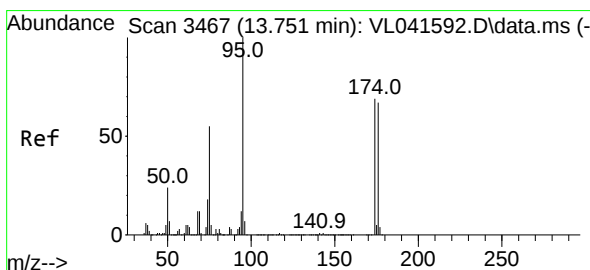
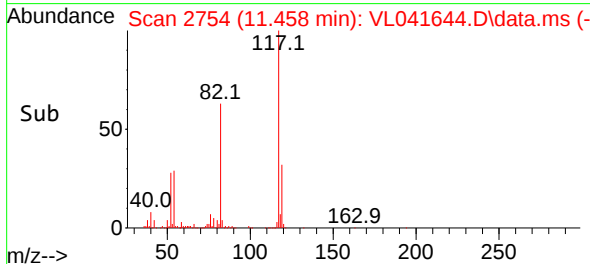
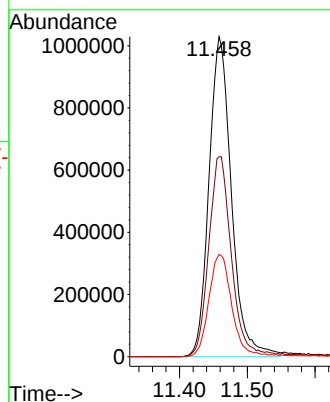
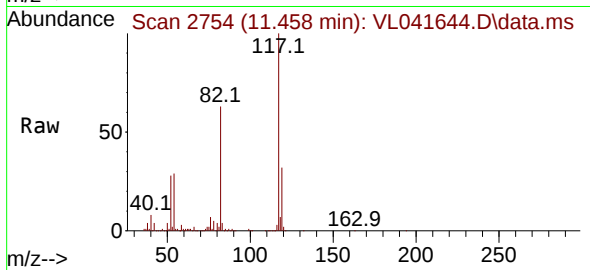




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041644.D
Acq: 10 Oct 2024 16:05

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2364561
Ion Ratio Lower Upper
117 100
82 64.9 49.4 74.2
119 33.5 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.826 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.019 min
Lab File: VL041644.D
Acq: 10 Oct 2024 16:05

Tgt Ion: 95 Resp: 1710360
Ion Ratio Lower Upper
95 100
174 71.9 55.8 83.8
175 5.2 4.1 6.1

