

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
 Data File : VL041612.D
 Acq On : 18 Sep 2024 18:31
 Operator : SY/MD
 Sample : QC090324 CAN10197
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 19 01:36:11 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)

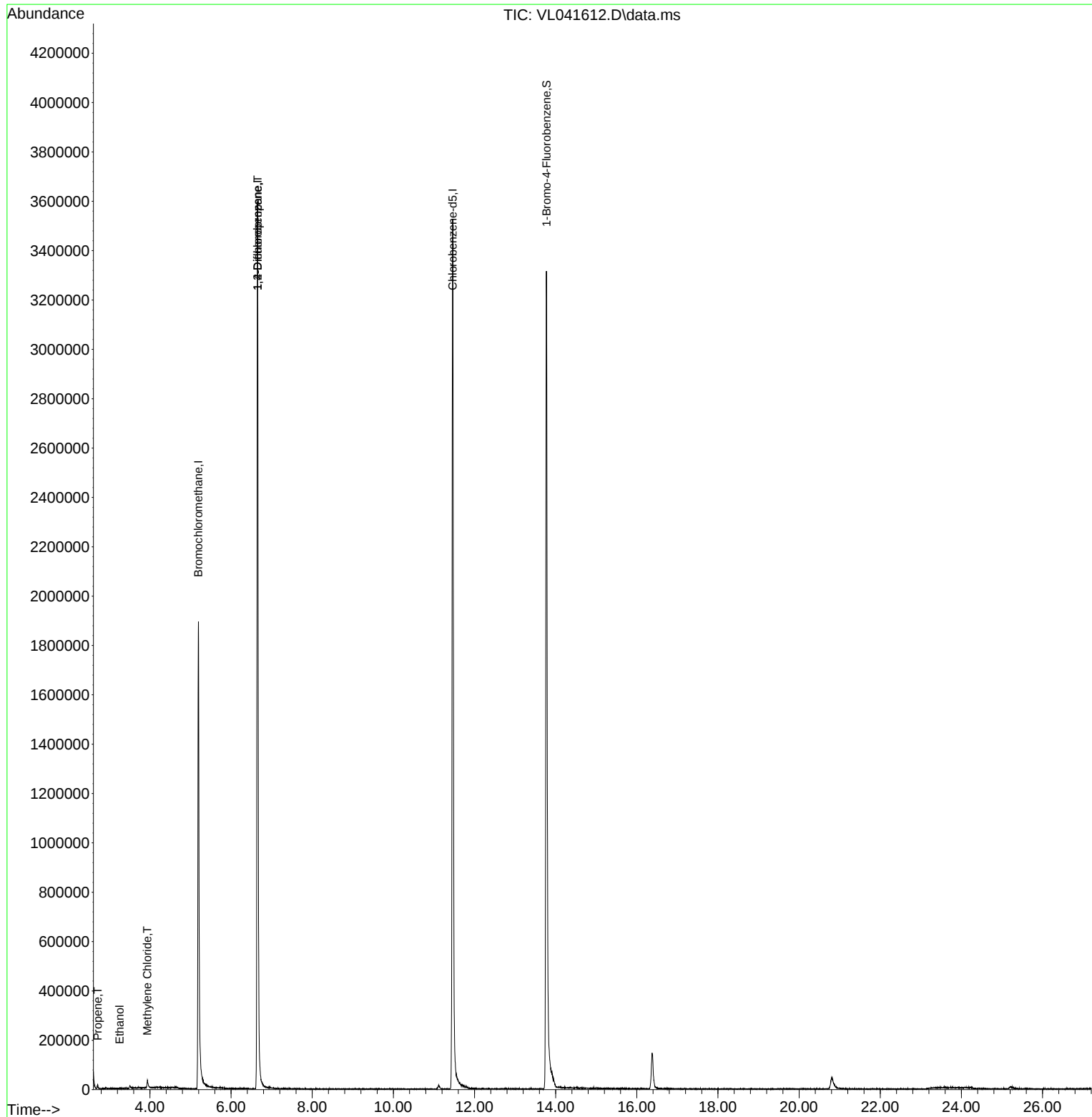
Internal Standards						
1) Bromochloromethane	5.195	49	1014390	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.651	114	2762018	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.462	117	2360330	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1677517	9.655	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%
Target Compounds						
					Qvalue	
9) Propene	2.709	41	4612	0.089	ppbv	92
13) Ethanol	3.256	45	193	0.049	ppbv #	37
20) Methylene Chloride	3.938	84	8765	0.183	ppbv #	95
39) 1,2-Dichloropropane	6.651	63	687866	8.815	ppbv #	24

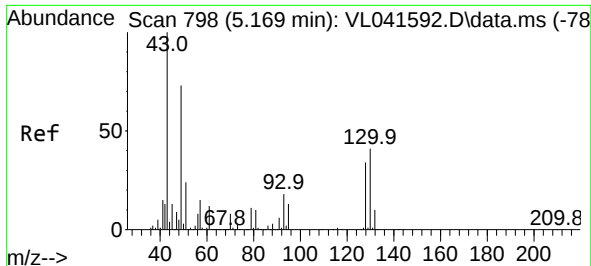
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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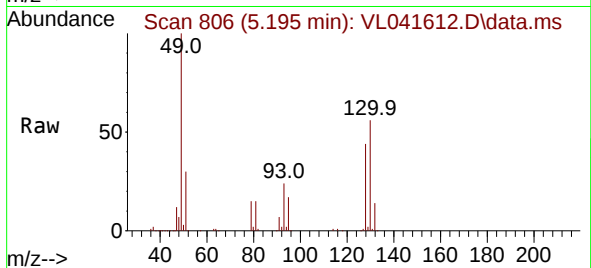
Quant Time: Sep 19 01:36:11 2024
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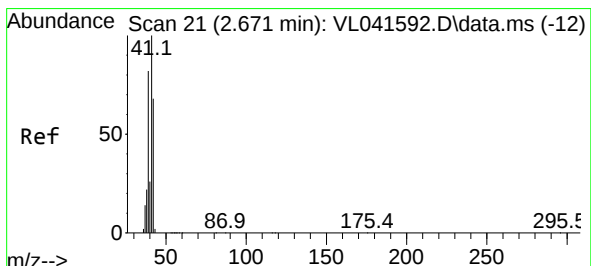
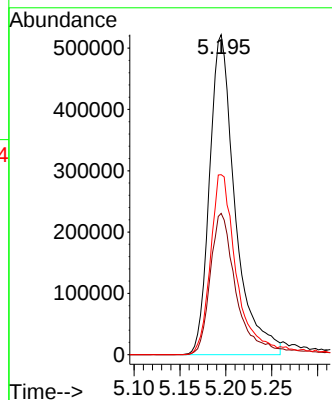
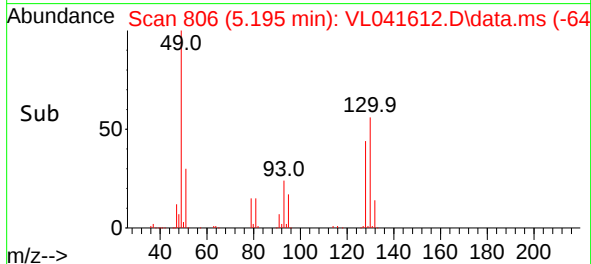


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL041612.D
Acq: 18 Sep 2024 18:31

Instrument :
MSVOA_L
ClientSampleId :

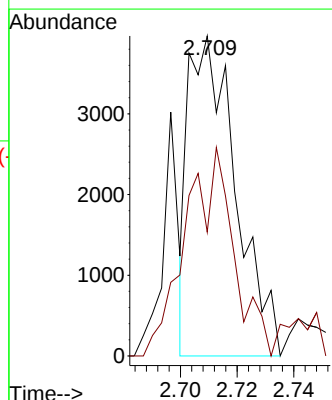
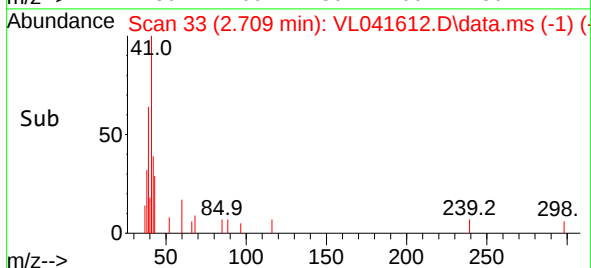
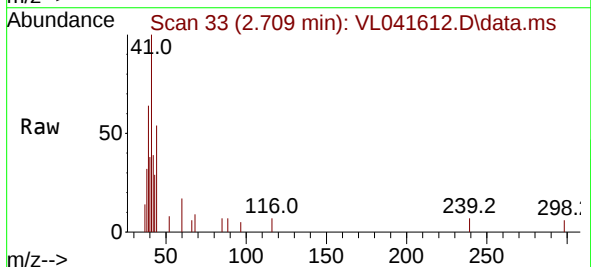


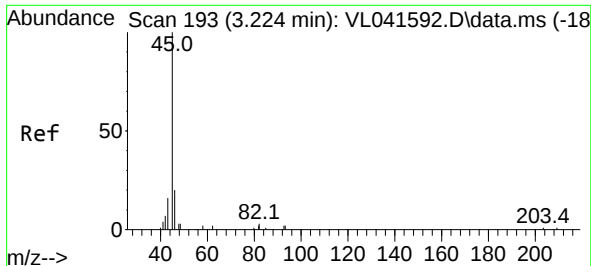
Tgt Ion: 49 Resp: 1014390
Ion Ratio Lower Upper
49 100
128 47.8 23.8 71.5
130 60.4 30.4 91.3



#9
Propene
Concen: 0.089 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.039 min
Lab File: VL041612.D
Acq: 18 Sep 2024 18:31

Tgt Ion: 41 Resp: 4612
Ion Ratio Lower Upper
41 100
42 75.7 55.2 82.8

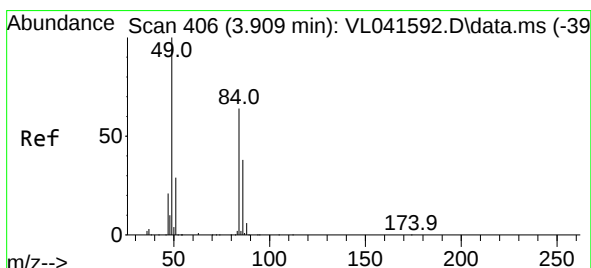
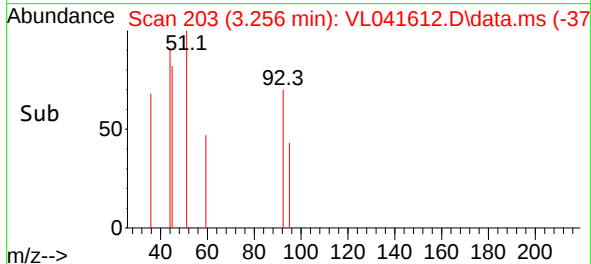
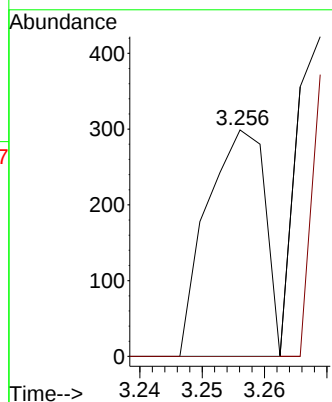
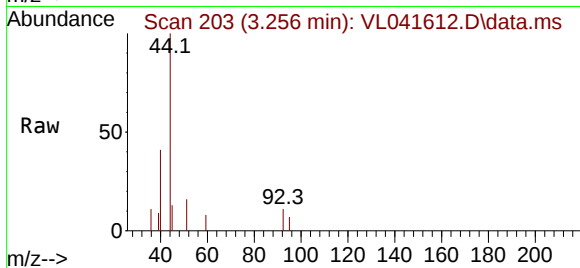




#13
 Ethanol
 Concen: 0.049 ppbv
 RT: 3.256 min Scan# 20
 Delta R.T. 0.032 min
 Lab File: VL041612.D
 Acq: 18 Sep 2024 18:31

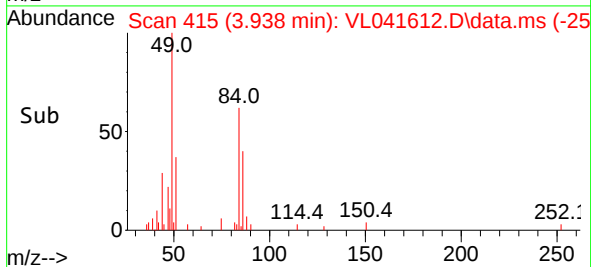
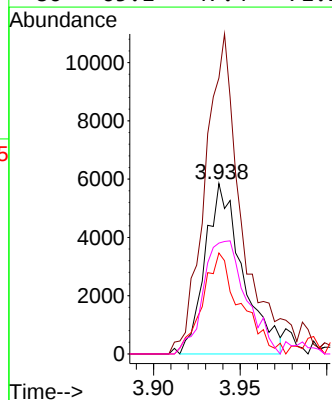
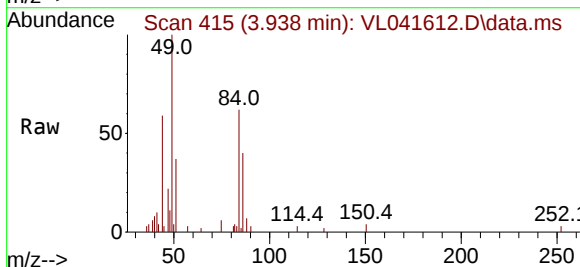
Instrument :
 MSVOA_L
 ClientSampleId :

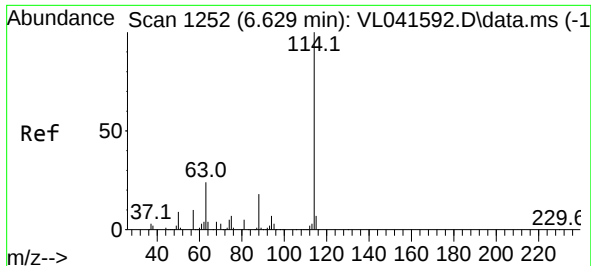
Tgt Ion: 45 Resp: 193
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.2 60.8#



#20
 Methylene Chloride
 Concen: 0.183 ppbv
 RT: 3.938 min Scan# 415
 Delta R.T. 0.029 min
 Lab File: VL041612.D
 Acq: 18 Sep 2024 18:31

Tgt Ion: 84 Resp: 8765
 Ion Ratio Lower Upper
 84 100
 49 154.5 124.3 186.5
 51 55.8 36.3 54.5#
 86 65.1 47.4 71.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. 0.023 min

Lab File: VL041612.D

Acq: 18 Sep 2024 18:31

Instrument :

MSVOA_L

ClientSampleId :

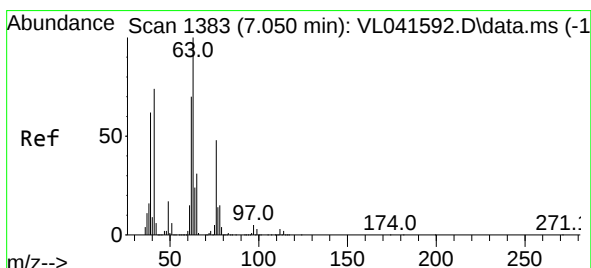
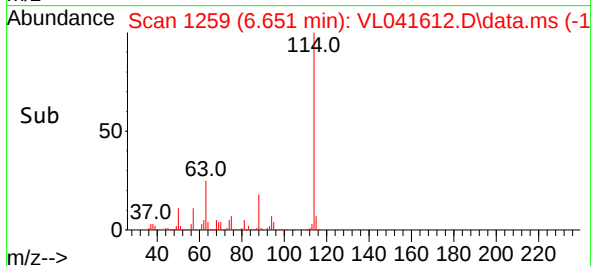
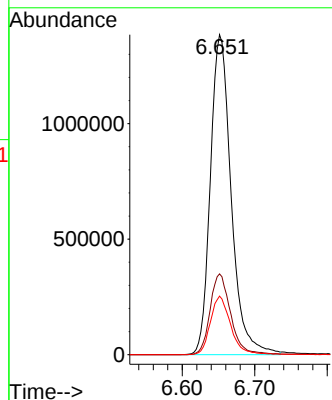
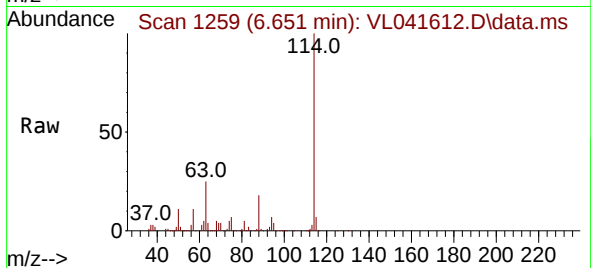
Tgt Ion:114 Resp: 2762018

Ion Ratio Lower Upper

114 100

63 25.2 20.2 30.2

88 18.0 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.815 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. -0.399 min

Lab File: VL041612.D

Acq: 18 Sep 2024 18:31

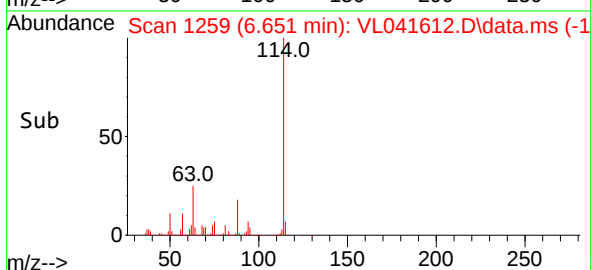
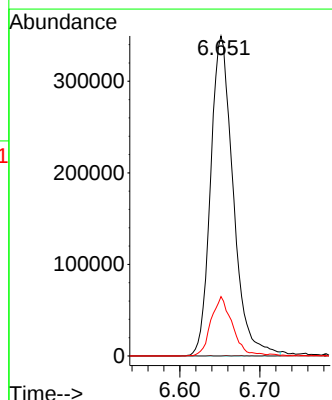
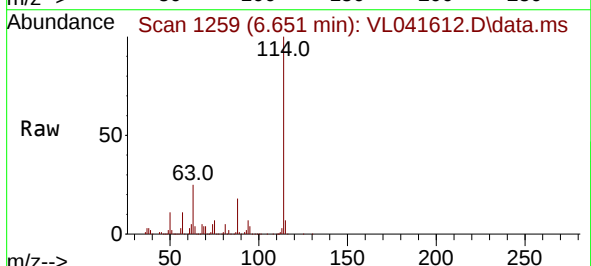
Tgt Ion: 63 Resp: 687866

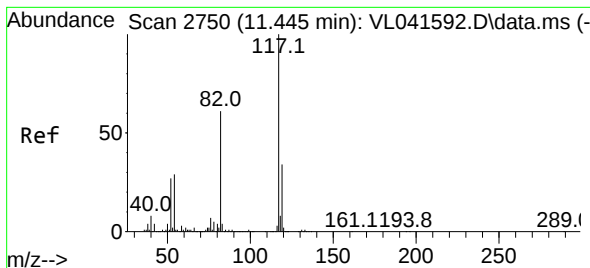
Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

62 18.5 56.2 84.2#

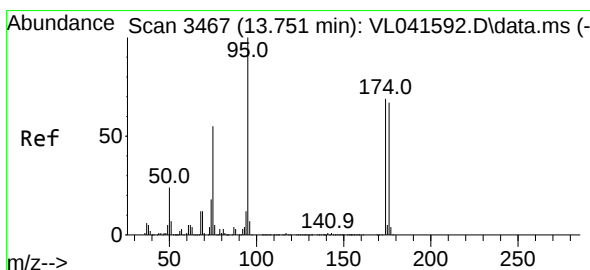
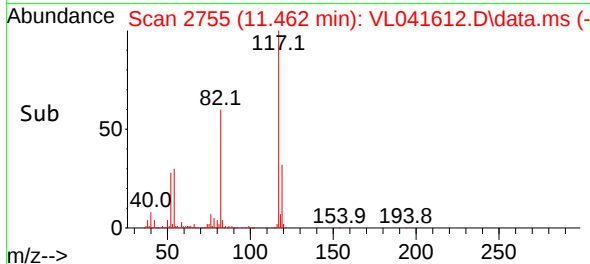
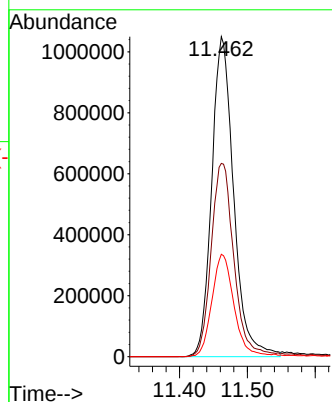
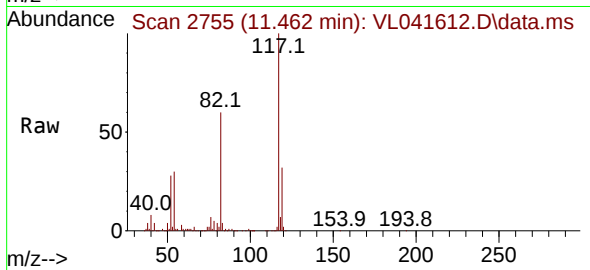




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041612.D
Acq: 18 Sep 2024 18:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2360330
Ion Ratio Lower Upper
117 100
82 63.8 49.4 74.2
119 32.9 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.655 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.023 min
Lab File: VL041612.D
Acq: 18 Sep 2024 18:31

Tgt Ion: 95 Resp: 1677517
Ion Ratio Lower Upper
95 100
174 73.7 55.8 83.8
175 5.3 4.1 6.1

