

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041649.D
 Acq On : 10 Oct 2024 19:23
 Operator : SY/MD
 Sample : CAN 10267
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:43:47 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)

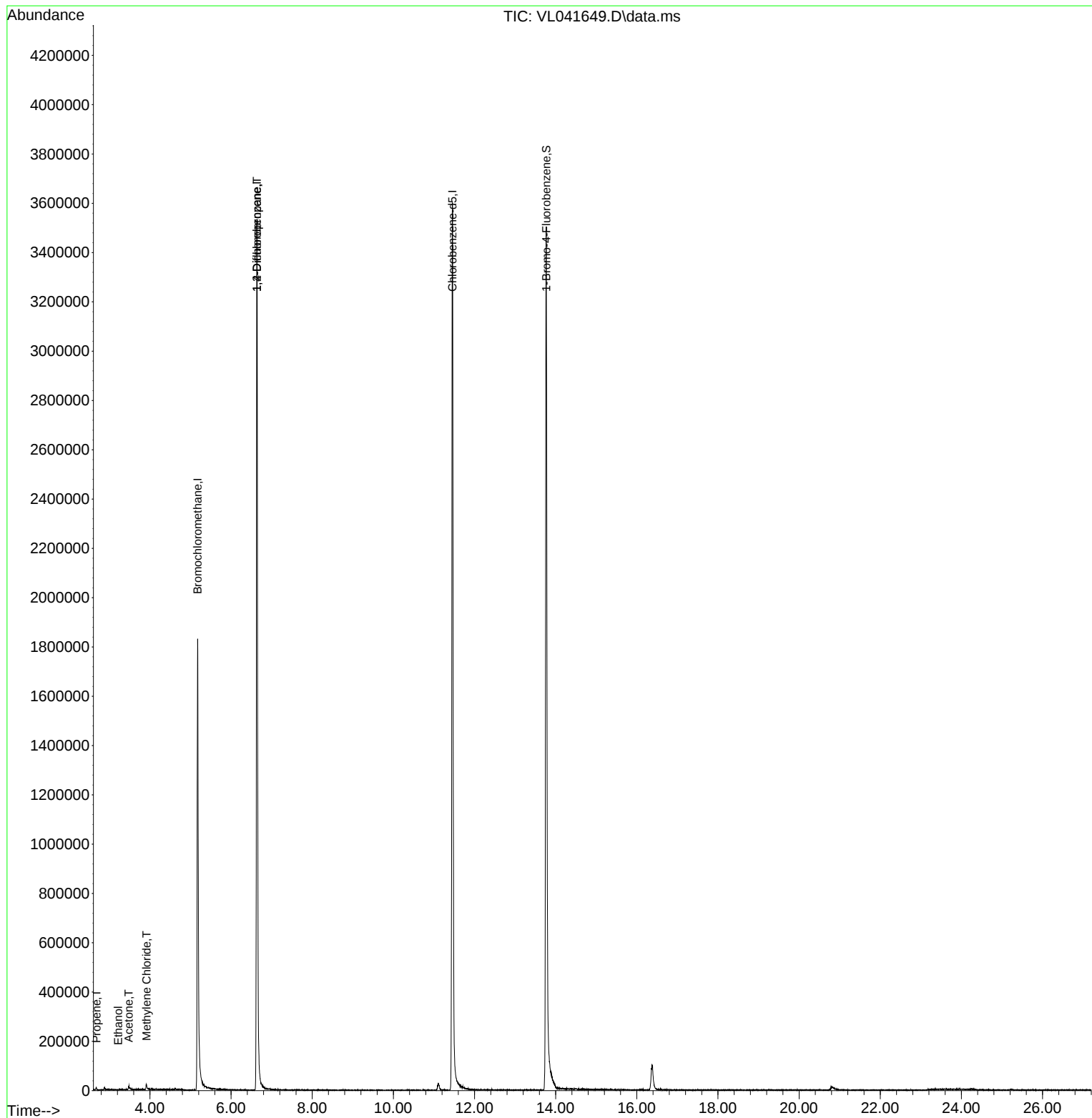
Internal Standards						
1) Bromochloromethane	5.176	49	976704	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2644233	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2354204	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1717317	9.909	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						
					Qvalue	
9) Propene	2.681	41	1615	0.032	ppbv #	15
13) Ethanol	3.217	45	142	0.038	ppbv #	37
15) Acetone	3.475	43	5818	0.047	ppbv #	48
20) Methylene Chloride	3.918	84	4060	0.088	ppbv #	65
39) 1,2-Dichloropropane	6.639	63	655017	8.768	ppbv #	23

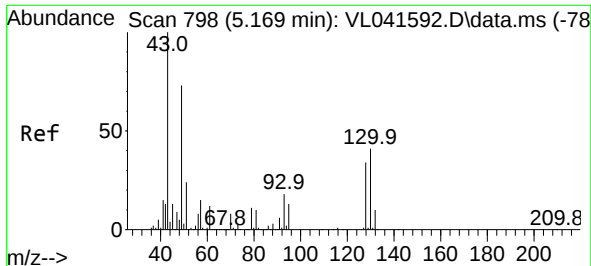
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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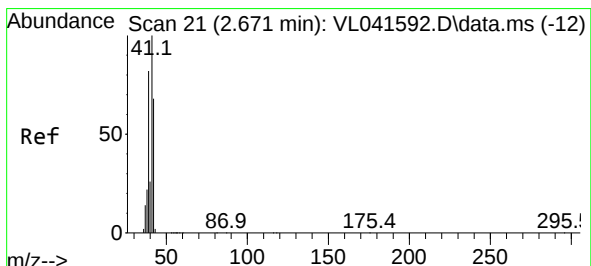
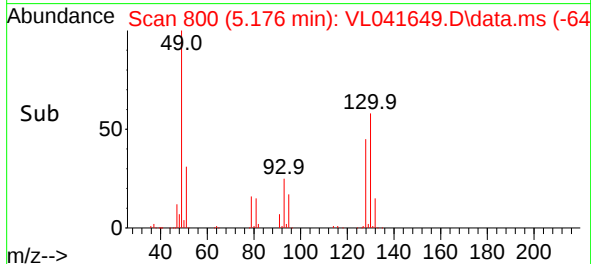
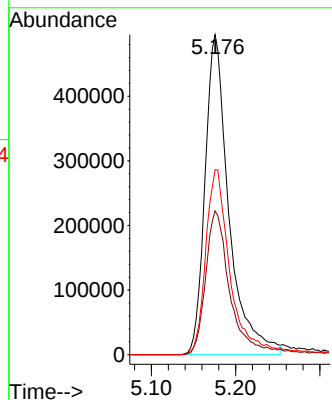
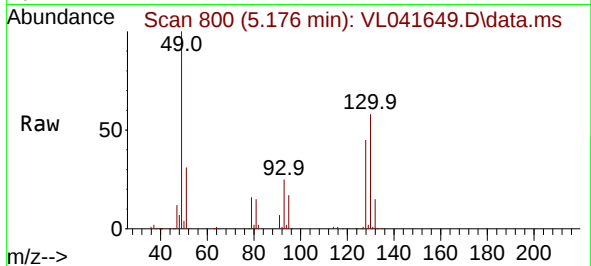




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041649.D
Acq: 10 Oct 2024 19:23

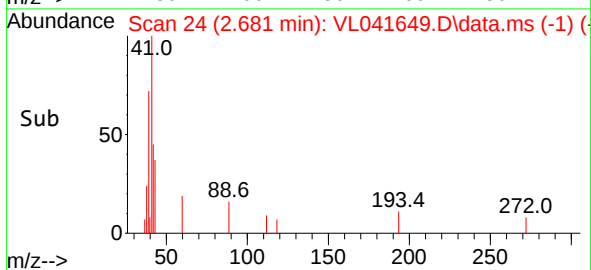
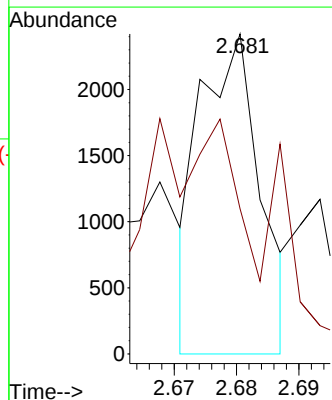
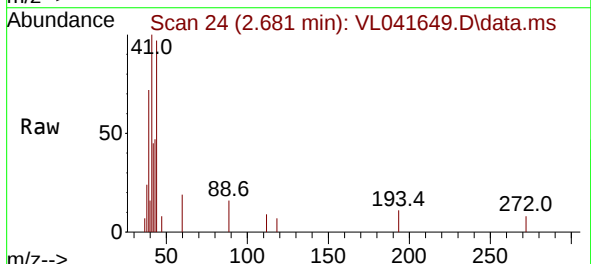
Instrument :
MSVOA_L
ClientSampleId :

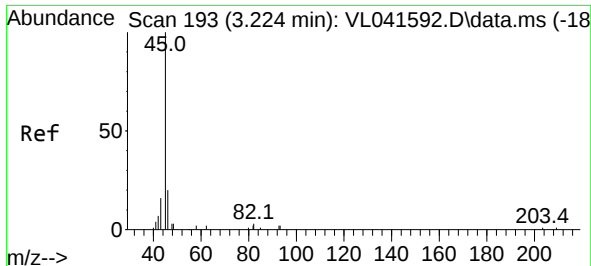
Tgt Ion: 49 Resp: 976704
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.5
130 62.1 30.4 91.3



#9
Propene
Concen: 0.032 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.010 min
Lab File: VL041649.D
Acq: 10 Oct 2024 19:23

Tgt Ion: 41 Resp: 1615
Ion Ratio Lower Upper
41 100
42 0.0 55.2 82.8#

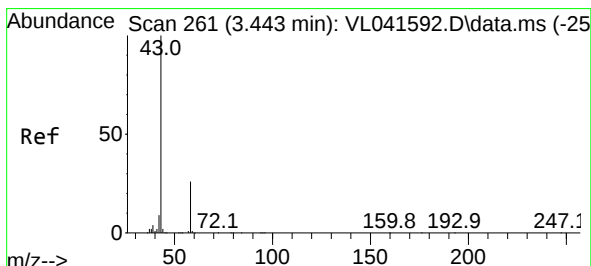
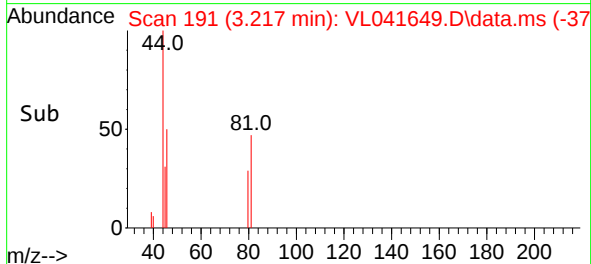
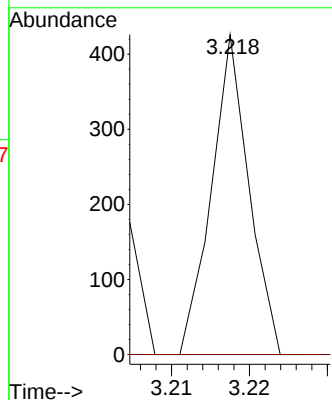
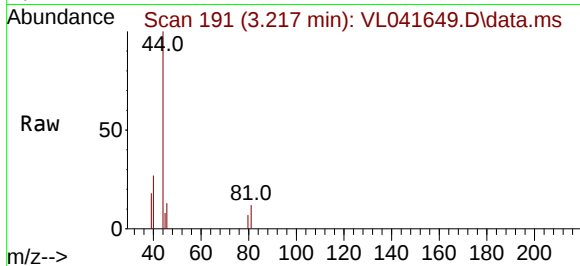




#13
Ethanol
Concen: 0.038 ppbv
RT: 3.217 min Scan# 193
Delta R.T. -0.006 min
Lab File: VL041649.D
Acq: 10 Oct 2024 19:23

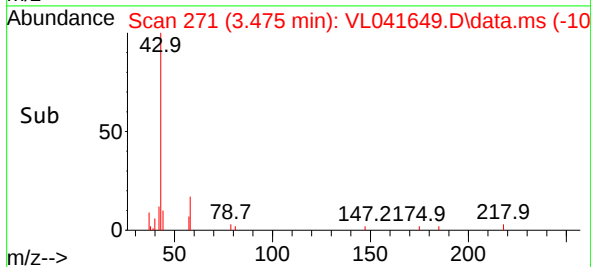
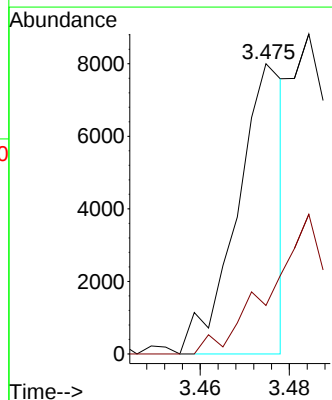
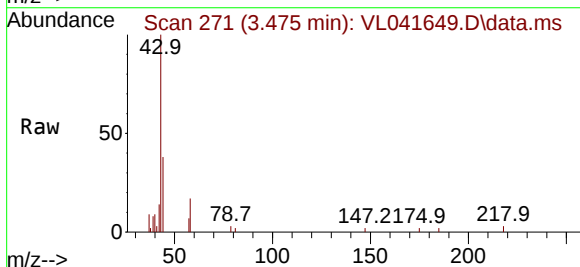
Instrument :
MSVOA_L
ClientSampleId :

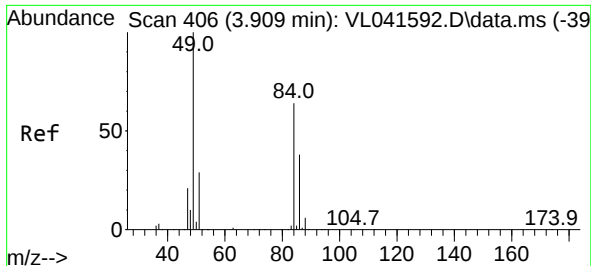
Tgt Ion: 45 Resp: 142
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8#



#15
Acetone
Concen: 0.047 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.032 min
Lab File: VL041649.D
Acq: 10 Oct 2024 19:23

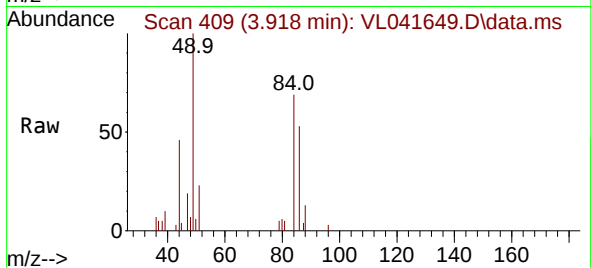
Tgt Ion: 43 Resp: 5818
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#





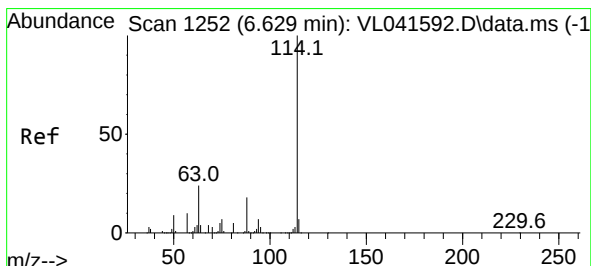
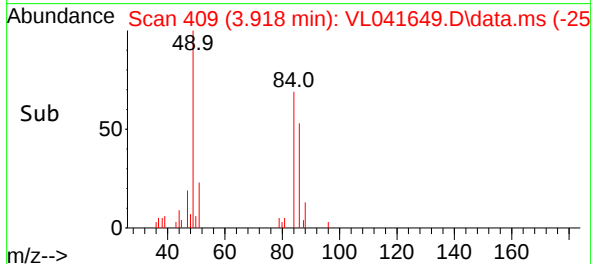
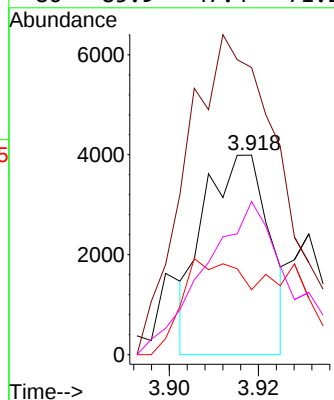
#20
Methylene Chloride
Concen: 0.088 ppbv
RT: 3.918 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL041649.D
Acq: 10 Oct 2024 19:23

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 4060

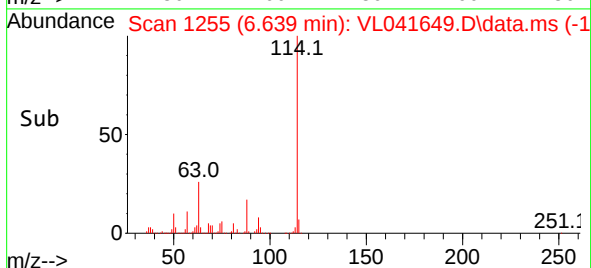
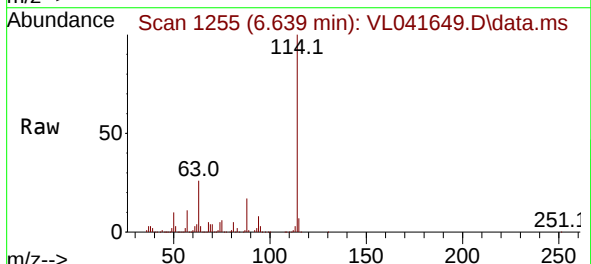
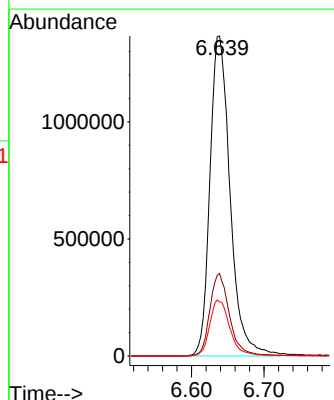
Ion	Ratio	Lower	Upper
84	100		
49	115.1	124.3	186.5#
51	13.2	36.3	54.5#
86	85.9	47.4	71.2#

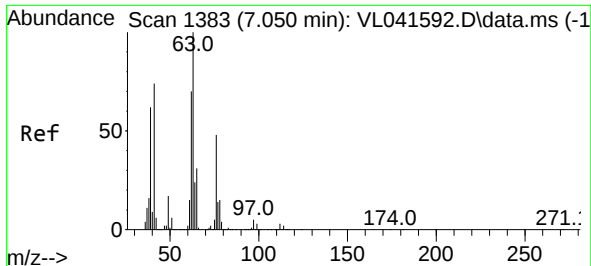


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.010 min
Lab File: VL041649.D
Acq: 10 Oct 2024 19:23

Tgt Ion: 114 Resp: 2644233

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.2	30.2
88	17.6	14.2	21.4





#39

1,2-Dichloropropane

Concen: 8.768 ppbv

RT: 6.639 min Scan# 11

Delta R.T. -0.412 min

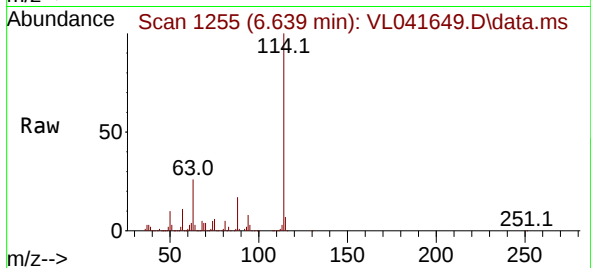
Lab File: VL041649.D

Acq: 10 Oct 2024 19:23

Instrument :

MSVOA_L

ClientSampleId :



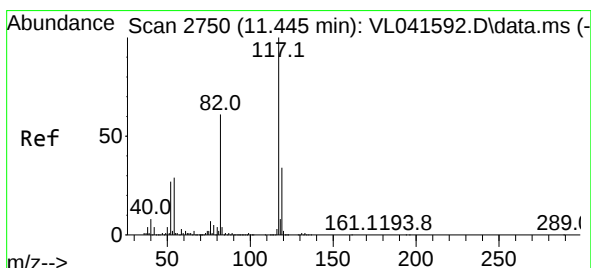
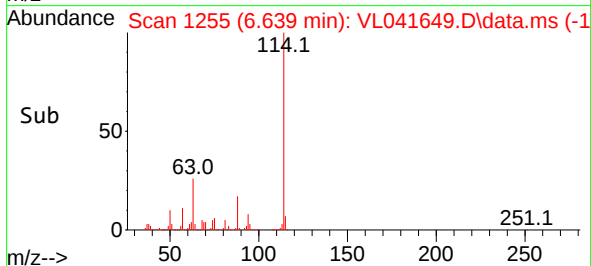
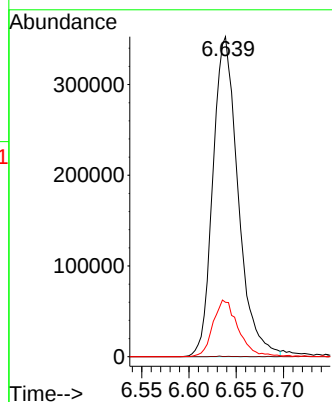
Tgt Ion: 63 Resp: 655017

Ion Ratio Lower Upper

63 100

41 0.1 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: VL041649.D

Acq: 10 Oct 2024 19:23

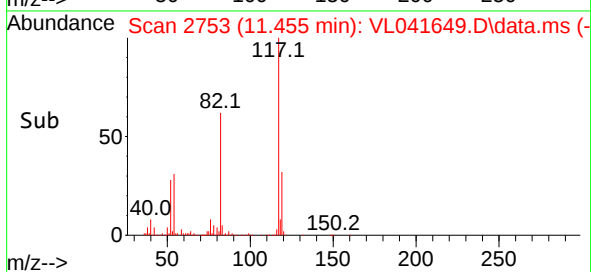
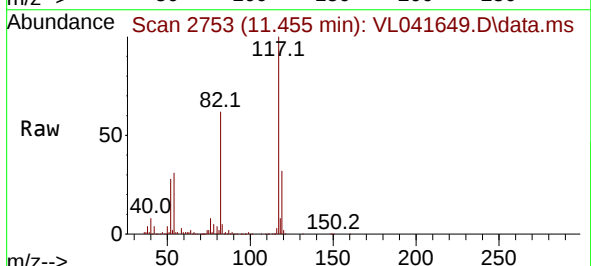
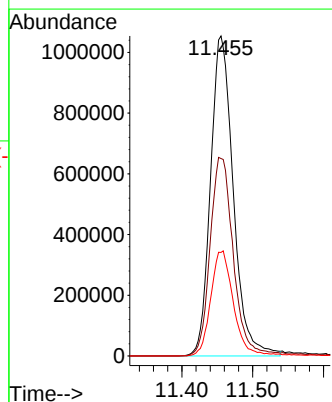
Tgt Ion: 117 Resp: 2354204

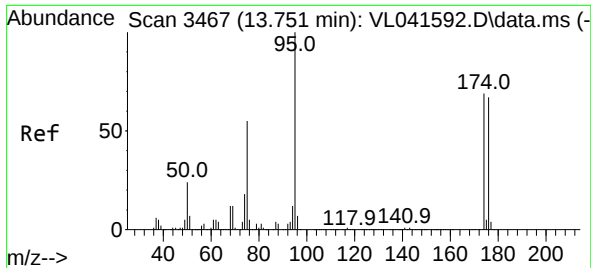
Ion Ratio Lower Upper

117 100

82 64.3 49.4 74.2

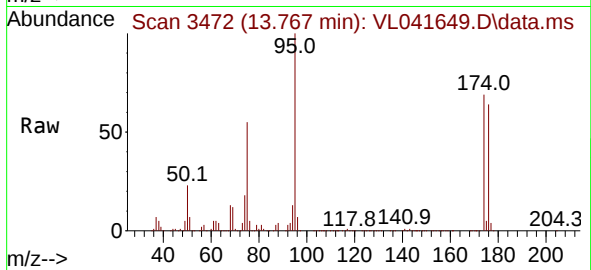
119 33.4 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.909 ppbv
 RT: 13.767 min Scan# 34
 Delta R.T. 0.016 min
 Lab File: VL041649.D
 Acq: 10 Oct 2024 19:23

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1717317

Ion	Ratio	Lower	Upper
95	100		
174	72.1	55.8	83.8
175	5.3	4.1	6.1

