

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040663.D
 Acq On : 6 Sep 2023 1:50
 Operator : SY/MD
 Sample : QC082923 CAN 10443
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 06 06:08:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

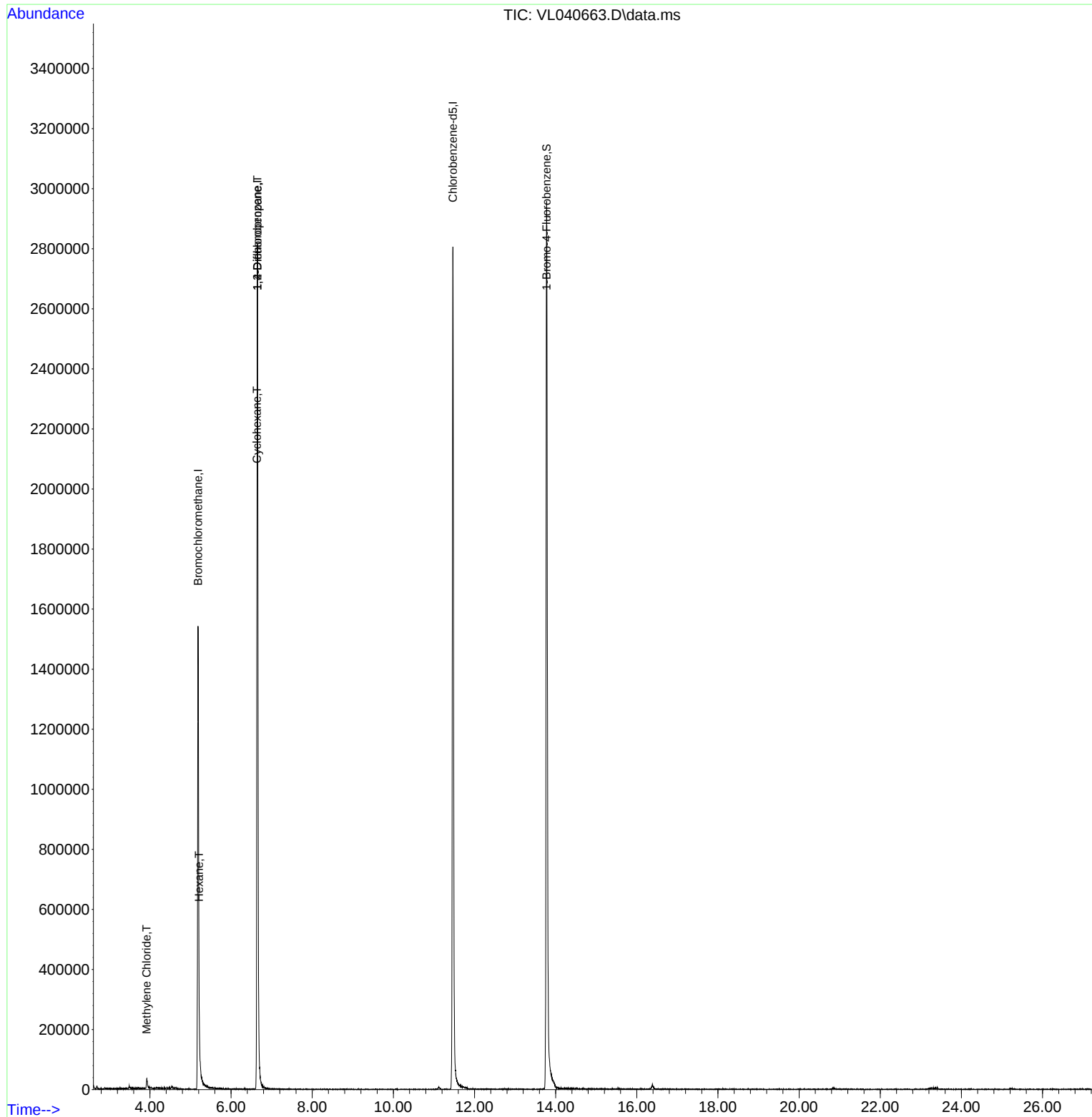
Internal Standards						
1) Bromochloromethane	5.189	49	720571	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	1934567	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.468	117	1636435	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1371862	10.541	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.922	84	7800	0.181	ppbv #	83
26) Hexane	5.208	57	5064	0.063	ppbv #	31
30) Cyclohexane	6.639	84	5199	0.085	ppbv #	1
39) 1,2-Dichloropropane	6.648	63	502602	8.584	ppbv #	26

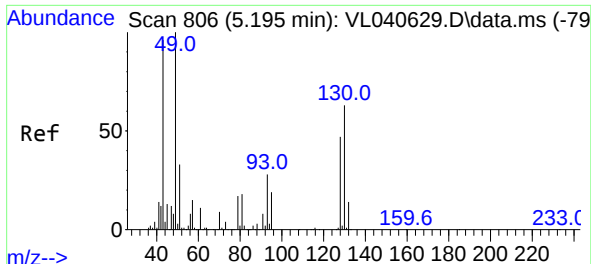
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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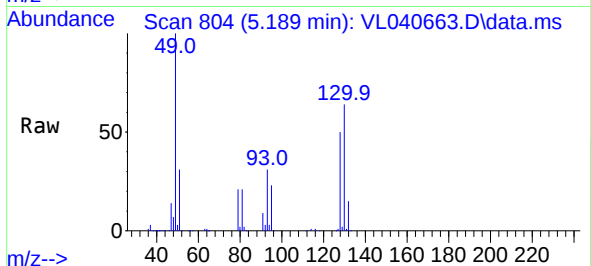
Quant Time: Sep 06 06:08:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
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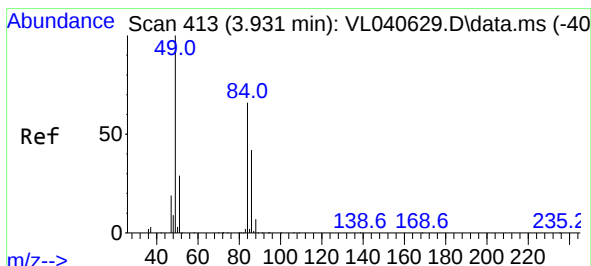
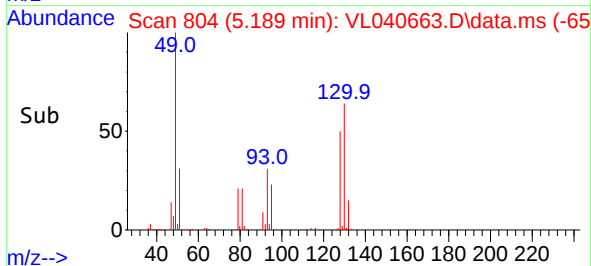
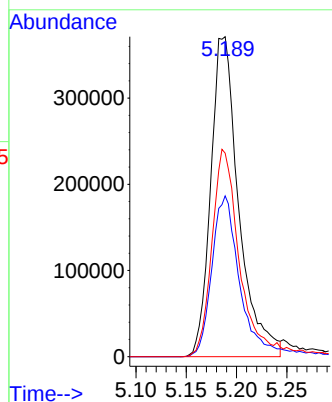


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040663.D
Acq: 6 Sep 2023 1:50

Instrument :
MSVOA_L
ClientSampleId :

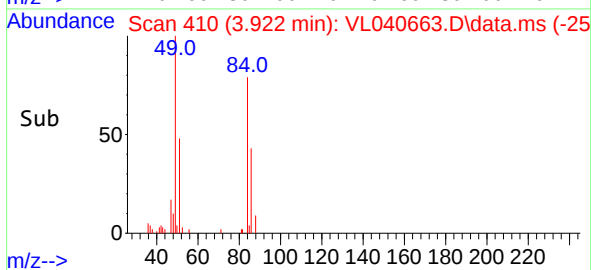
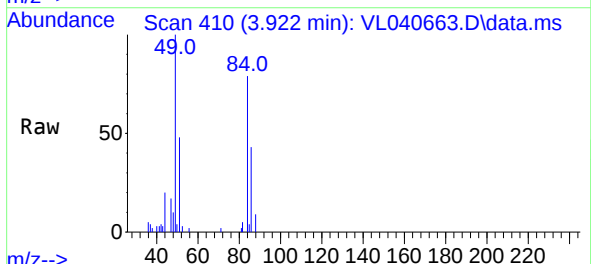
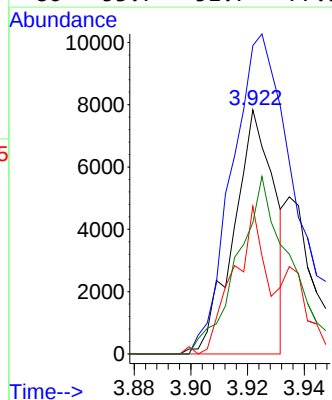


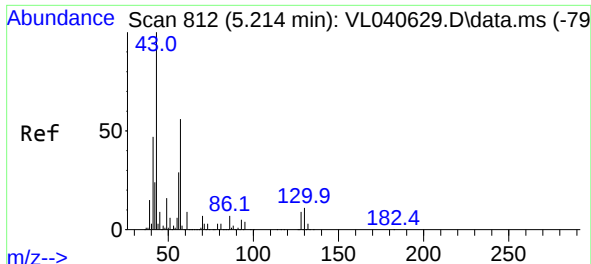
Tgt Ion: 49 Resp: 720571
Ion Ratio Lower Upper
49 100
128 51.7 24.9 74.7
130 66.9 32.2 96.6



#20
Methylene Chloride
Concen: 0.181 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.010 min
Lab File: VL040663.D
Acq: 6 Sep 2023 1:50

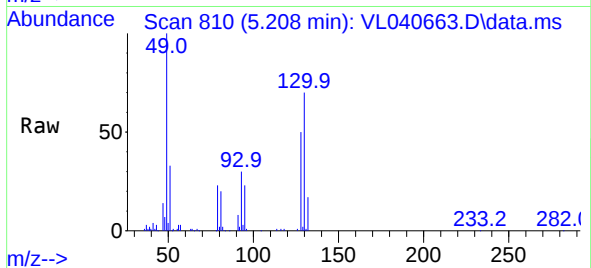
Tgt Ion: 84 Resp: 7800
Ion Ratio Lower Upper
84 100
49 131.0 122.1 183.1
51 60.5 35.4 53.2#
86 53.7 51.7 77.5





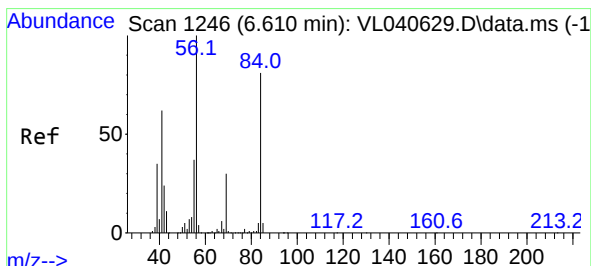
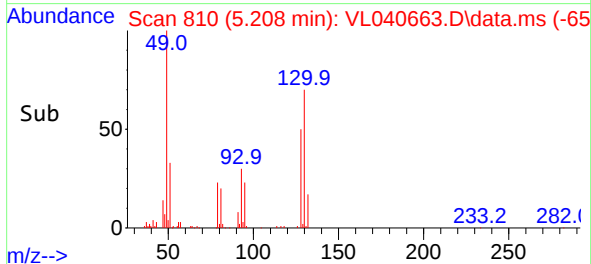
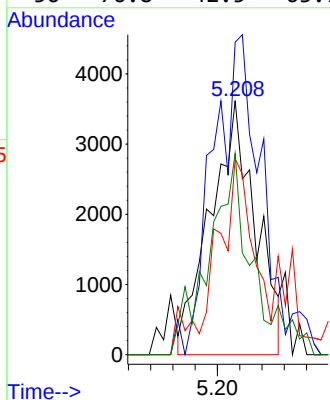
#26
Hexane
Concen: 0.063 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL040663.D
Acq: 6 Sep 2023 1:50

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 57 Resp: 5064

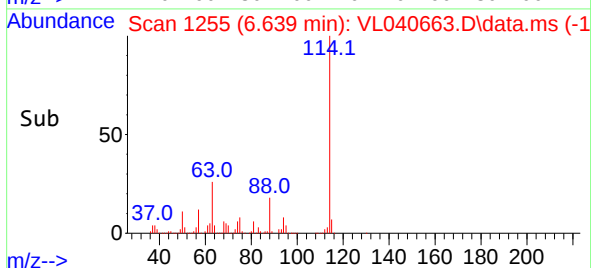
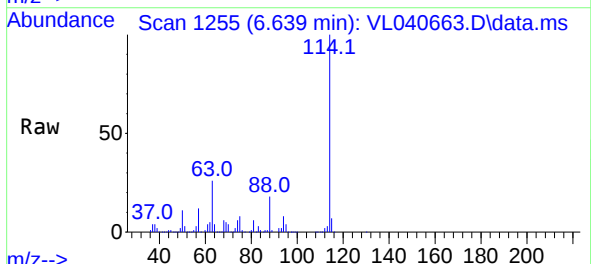
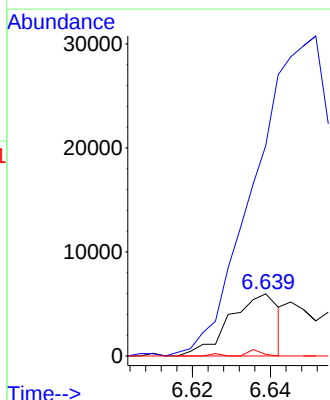
Ion	Ratio	Lower	Upper
57	100		
41	137.4	69.3	103.9#
43	88.3	177.9	266.9#
56	76.8	42.5	63.7#

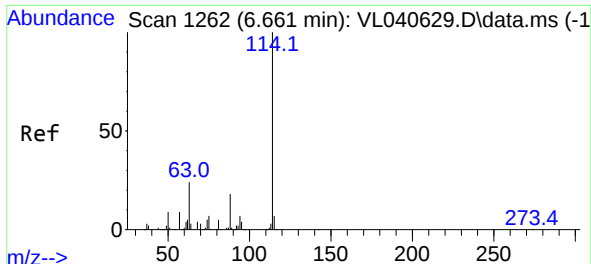


#30
Cyclohexane
Concen: 0.085 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.029 min
Lab File: VL040663.D
Acq: 6 Sep 2023 1:50

Tgt Ion: 84 Resp: 5199

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.4	158.2#
41	0.0	64.2	96.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.013 min

Lab File: VL040663.D

Acq: 6 Sep 2023 1:50

Instrument :

MSVOA_L

ClientSampleId :

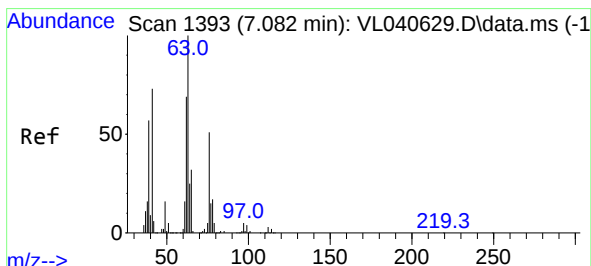
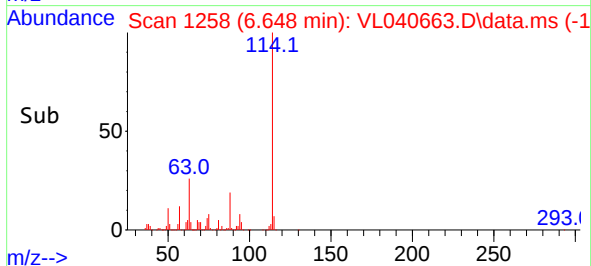
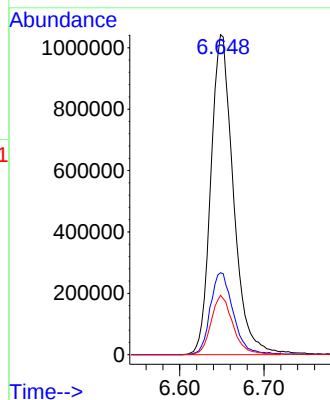
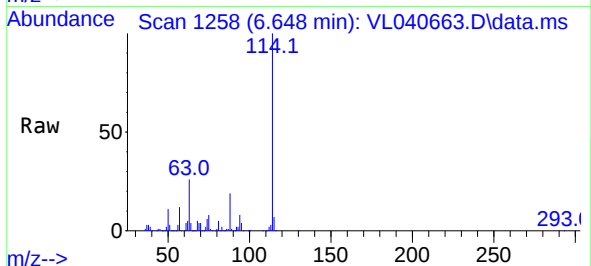
Tgt Ion:114 Resp: 1934567

Ion Ratio Lower Upper

114 100

63 26.4 20.2 30.2

88 18.2 14.1 21.1



#39

1,2-Dichloropropane

Concen: 8.584 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.434 min

Lab File: VL040663.D

Acq: 6 Sep 2023 1:50

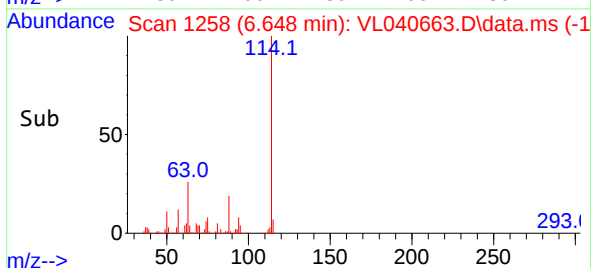
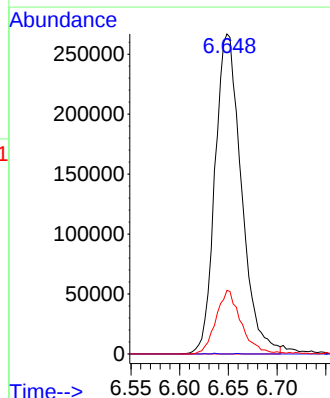
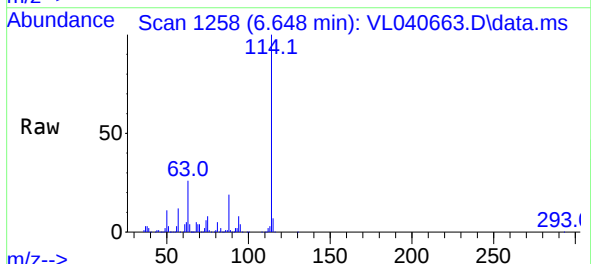
Tgt Ion: 63 Resp: 502602

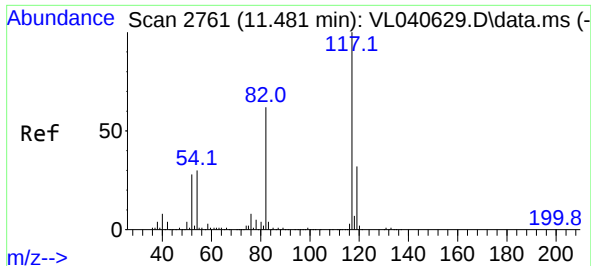
Ion Ratio Lower Upper

63 100

41 0.0 58.2 87.2#

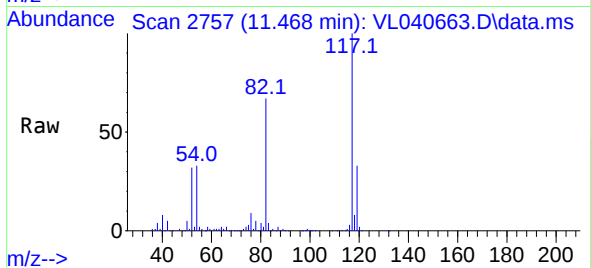
62 19.8 55.0 82.4#



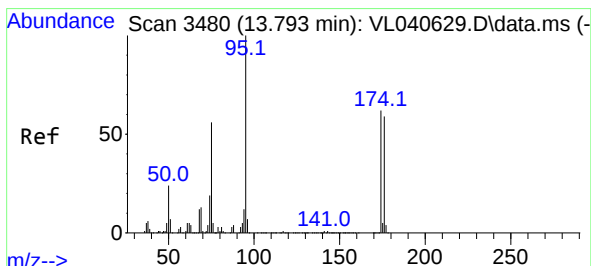
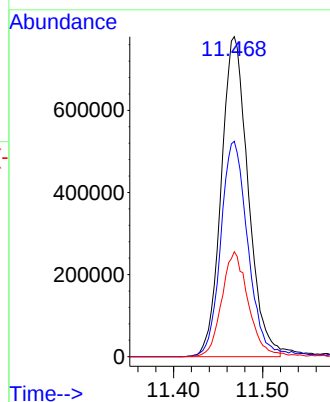
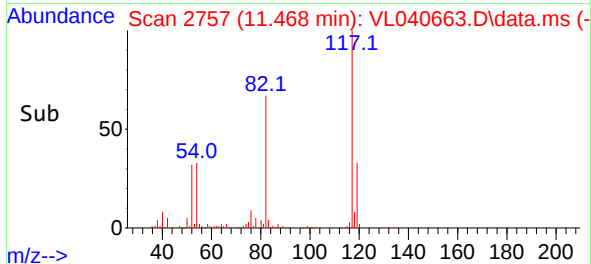


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040663.D
Acq: 6 Sep 2023 1:50

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 1636435
Ion Ratio Lower Upper
117 100
82 69.6 49.5 74.3
119 32.7 24.5 36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.541 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.016 min
Lab File: VL040663.D
Acq: 6 Sep 2023 1:50

Tgt Ion: 95 Resp: 1371862
Ion Ratio Lower Upper
95 100
174 62.8 49.1 73.7
175 4.3 3.7 5.5

