

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
 Data File : VL040789.D
 Acq On : 24 Oct 2023 9:24
 Operator : SY/MD
 Sample : QC102323 CAN 10315
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 24 16:13:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 24 16:11:15 2023
 Response via : Initial Calibration

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

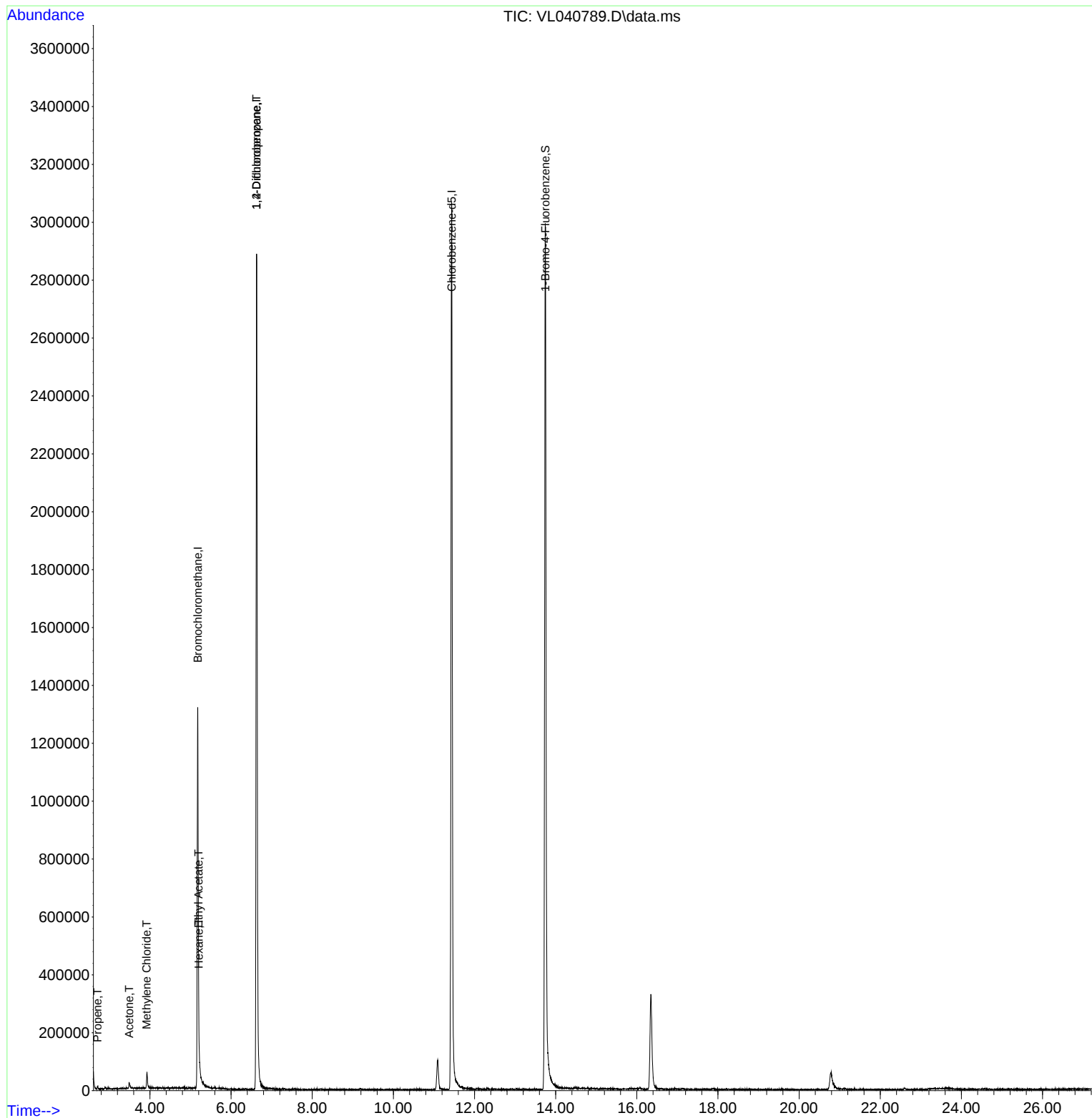
Internal Standards						
1) Bromochloromethane	5.179	49	690337	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.629	114	2351751	10.000	ppbv	-0.04
55) Chlorobenzene-d5	11.436	117	2115651	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	1635293	10.505	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%
Target Compounds						
					Qvalue	
9) Propene	2.706	41	1770	0.047	ppbv #	74
15) Acetone	3.488	43	21868	0.306	ppbv #	83
20) Methylene Chloride	3.922	84	15940	0.536	ppbv	95
25) Ethyl Acetate	5.198	43	6284	0.040	ppbv #	84
26) Hexane	5.205	57	4551	0.064	ppbv #	52
39) 1,2-Dichloropropane	6.629	63	561282	7.942	ppbv #	27

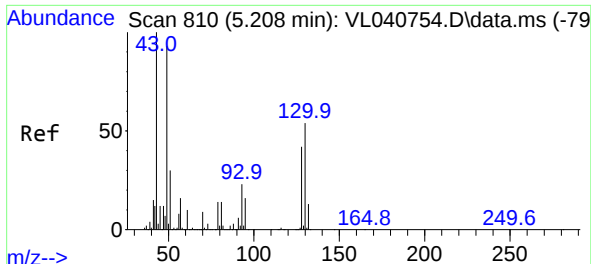
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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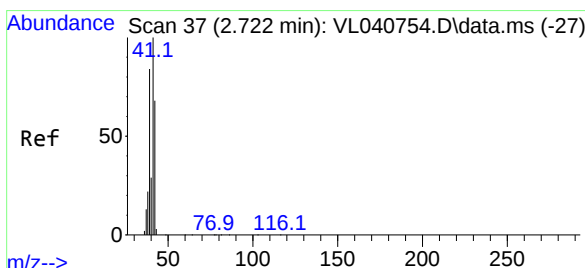
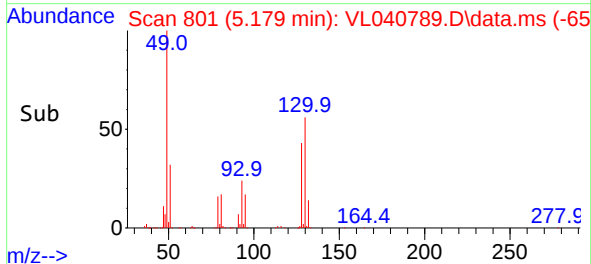
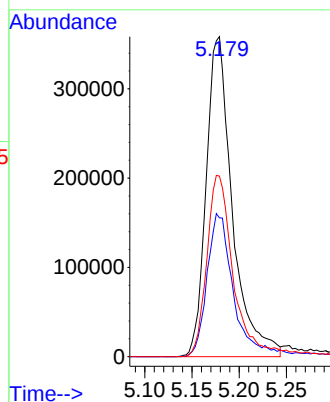
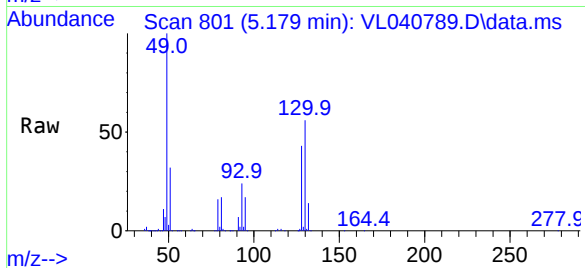




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.029 min
Lab File: VL040789.D
Acq: 24 Oct 2023 9:24

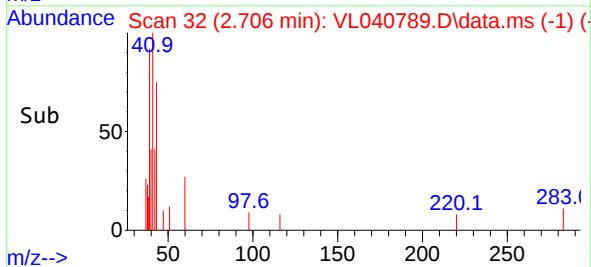
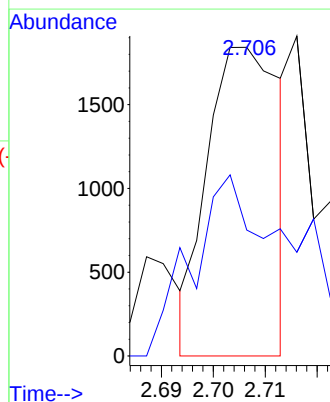
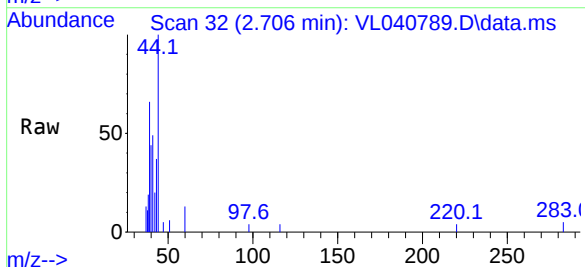
Instrument :
MSVOA_L
ClientSampleId :

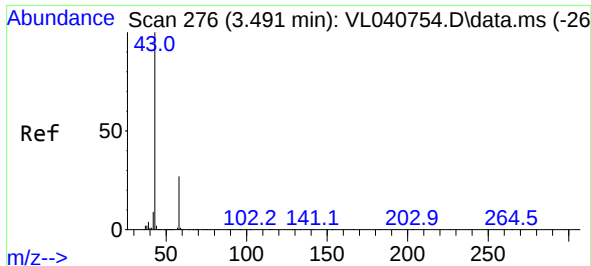
Tgt Ion: 49 Resp: 690337
Ion Ratio Lower Upper
49 100
128 48.0 23.9 71.7
130 59.7 30.7 92.1



#9
Propene
Concen: 0.047 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.016 min
Lab File: VL040789.D
Acq: 24 Oct 2023 9:24

Tgt Ion: 41 Resp: 1770
Ion Ratio Lower Upper
41 100
42 93.1 57.1 85.7#

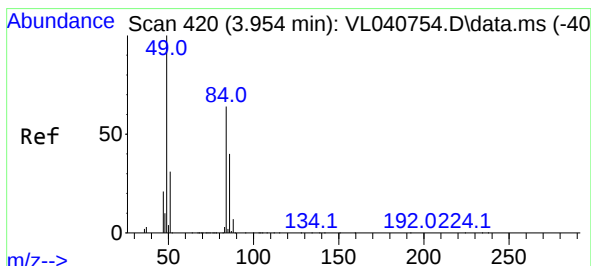
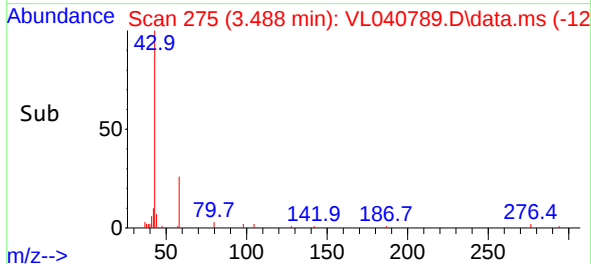
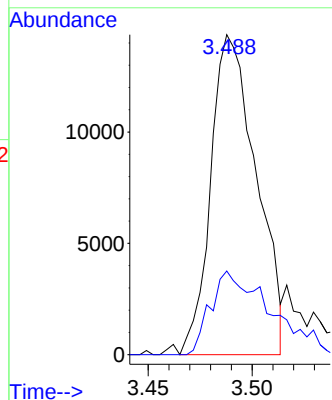
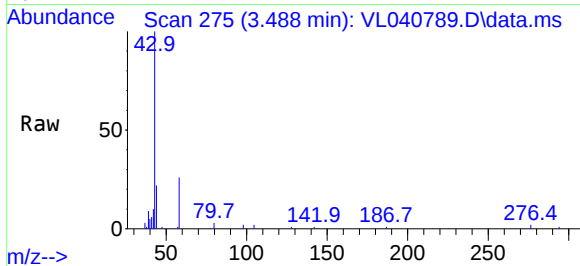




#15
Acetone
Concen: 0.306 ppbv
RT: 3.488 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040789.D
Acq: 24 Oct 2023 9:24

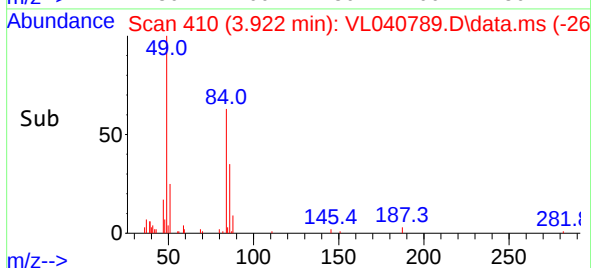
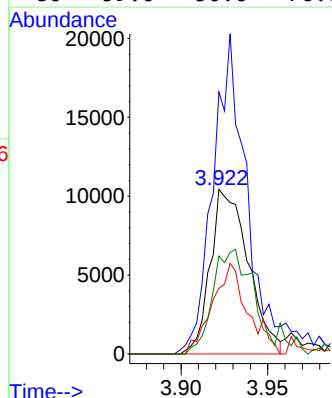
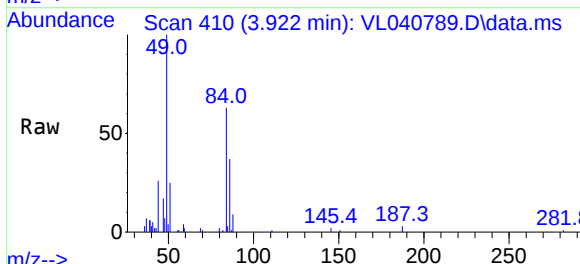
Instrument :
MSVOA_L
ClientSampleId :

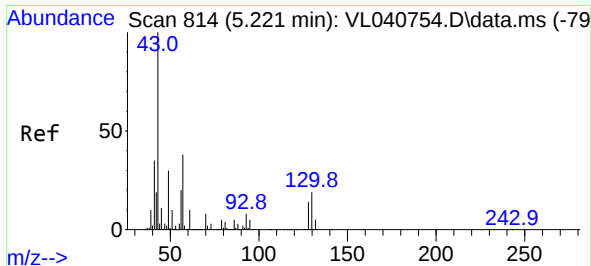
Tgt Ion: 43 Resp: 21868
Ion Ratio Lower Upper
43 100
58 35.8 21.6 32.4#



#20
Methylene Chloride
Concen: 0.536 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.032 min
Lab File: VL040789.D
Acq: 24 Oct 2023 9:24

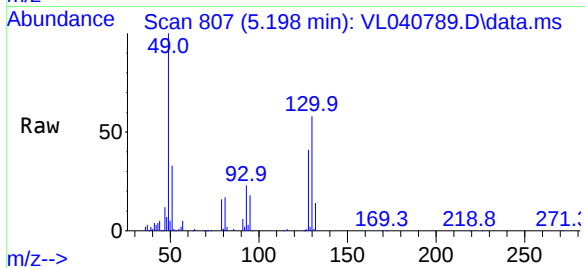
Tgt Ion: 84 Resp: 15940
Ion Ratio Lower Upper
84 100
49 160.4 125.6 188.4
51 40.0 38.9 58.3
86 59.6 50.6 76.0





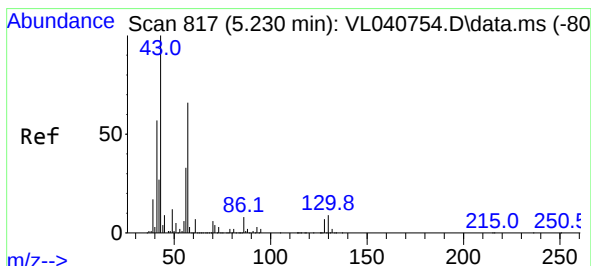
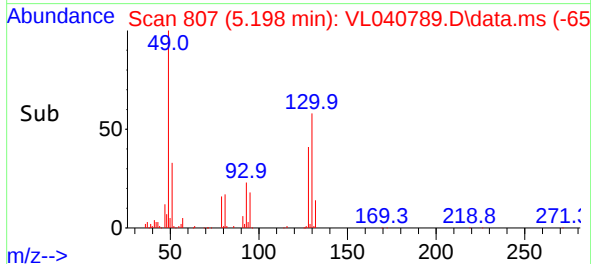
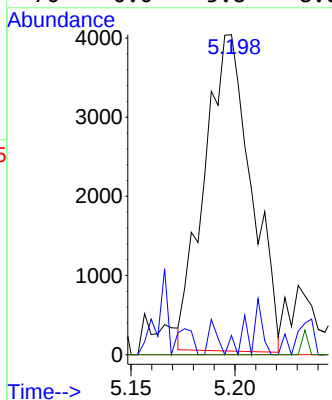
#25
Ethyl Acetate
Concen: 0.040 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.022 min
Lab File: VL040789.D
Acq: 24 Oct 2023 9:24

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 6284

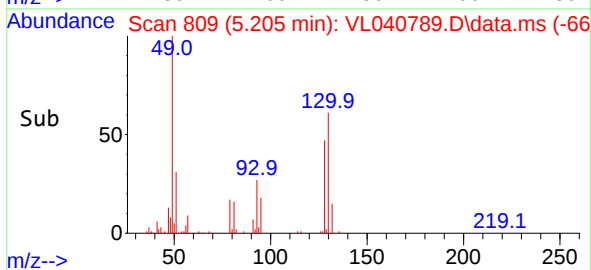
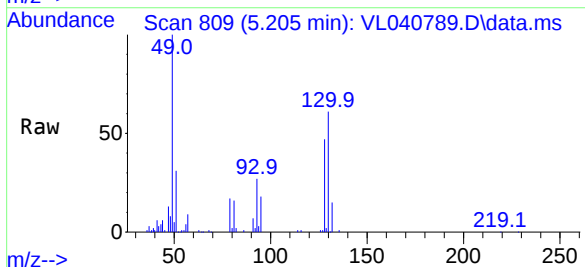
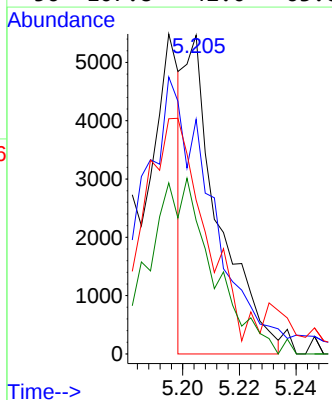
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.2	12.4
61	0.0	8.2	12.2#
70	0.0	5.8	8.6#

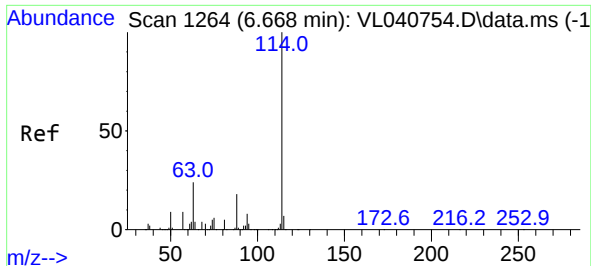


#26
Hexane
Concen: 0.064 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.026 min
Lab File: VL040789.D
Acq: 24 Oct 2023 9:24

Tgt Ion: 57 Resp: 4551

Ion	Ratio	Lower	Upper
57	100		
41	0.0	71.4	107.2#
43	189.7	182.3	273.5
56	107.8	42.0	63.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 11

Delta R.T. -0.038 min

Lab File: VL040789.D

Acq: 24 Oct 2023 9:24

Instrument :

MSVOA_L

ClientSampleId :

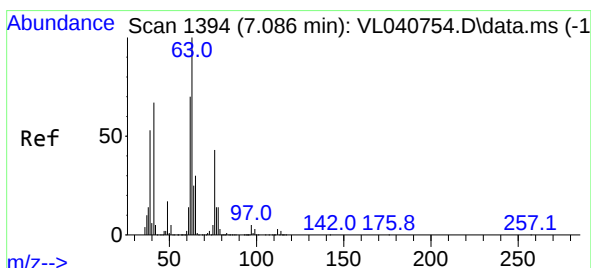
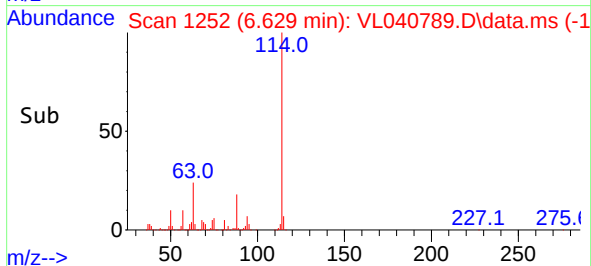
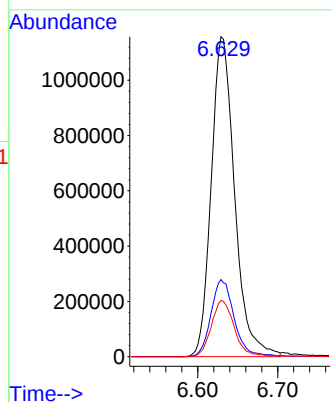
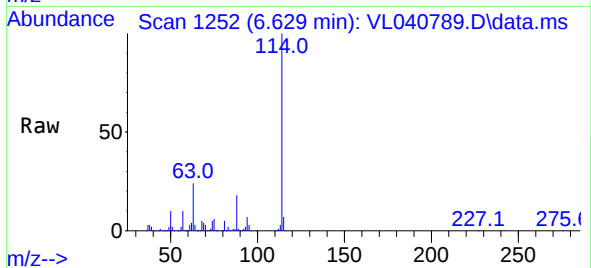
Tgt Ion:114 Resp: 2351751

Ion Ratio Lower Upper

114 100

63 24.2 19.8 29.6

88 17.5 14.2 21.2



#39

1,2-Dichloropropane

Concen: 7.942 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. -0.456 min

Lab File: VL040789.D

Acq: 24 Oct 2023 9:24

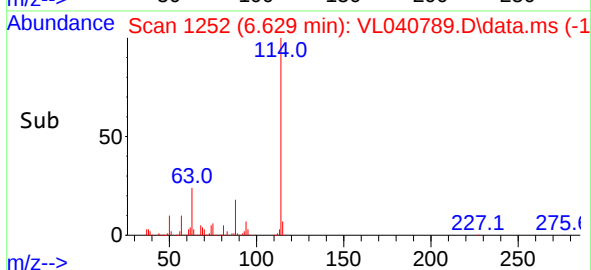
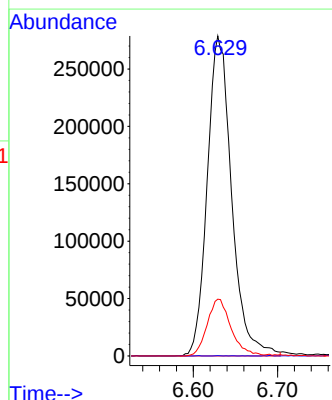
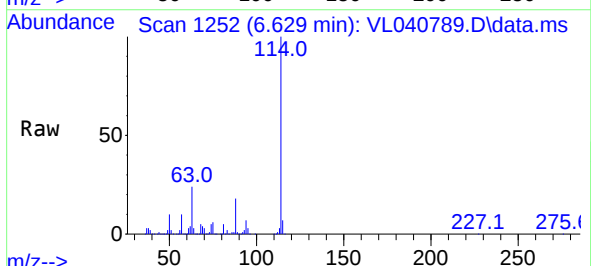
Tgt Ion: 63 Resp: 561282

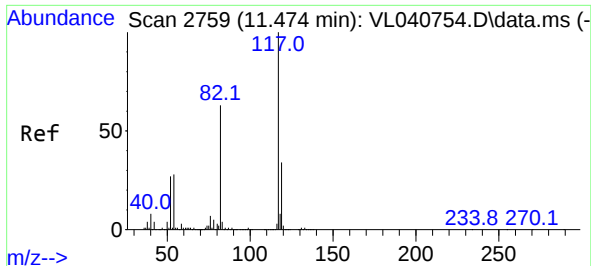
Ion Ratio Lower Upper

63 100

41 0.1 53.7 80.5#

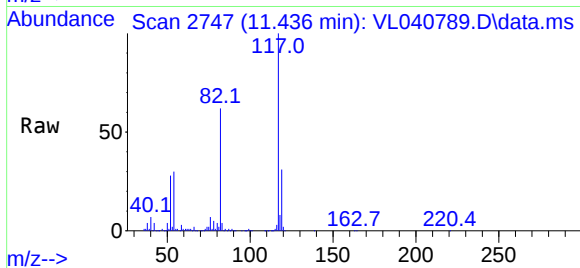
62 17.8 55.7 83.5#





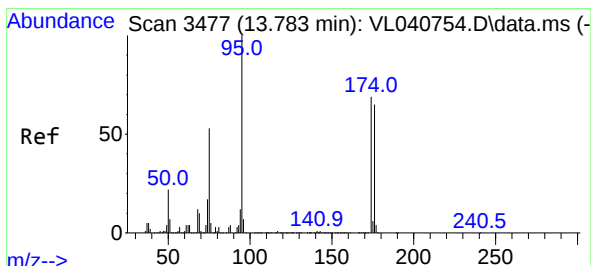
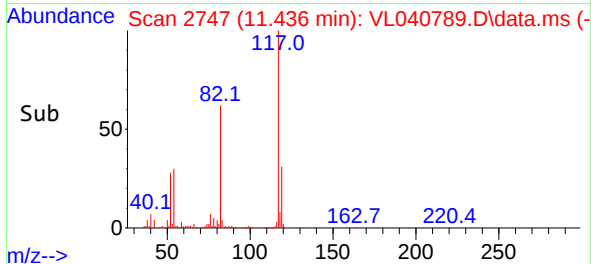
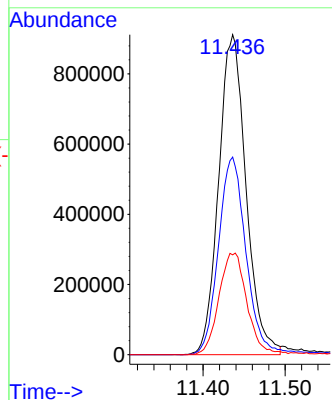
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2115651
Delta R.T. -0.038 min
Lab File: VL040789.D
Acq: 24 Oct 2023 9:24

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 2115651

Ion	Ratio	Lower	Upper
117	100		
82	63.7	46.6	70.0
119	32.9	26.0	39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.505 ppbv
RT: 13.745 min Scan# 3465
Delta R.T. -0.038 min
Lab File: VL040789.D
Acq: 24 Oct 2023 9:24

Tgt Ion: 95 Resp: 1635293

Ion	Ratio	Lower	Upper
95	100		
174	65.1	54.7	82.1
175	4.9	4.2	6.4

