

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040556.D
 Acq On : 27 Jul 2023 1:25
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 27 04:46:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

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

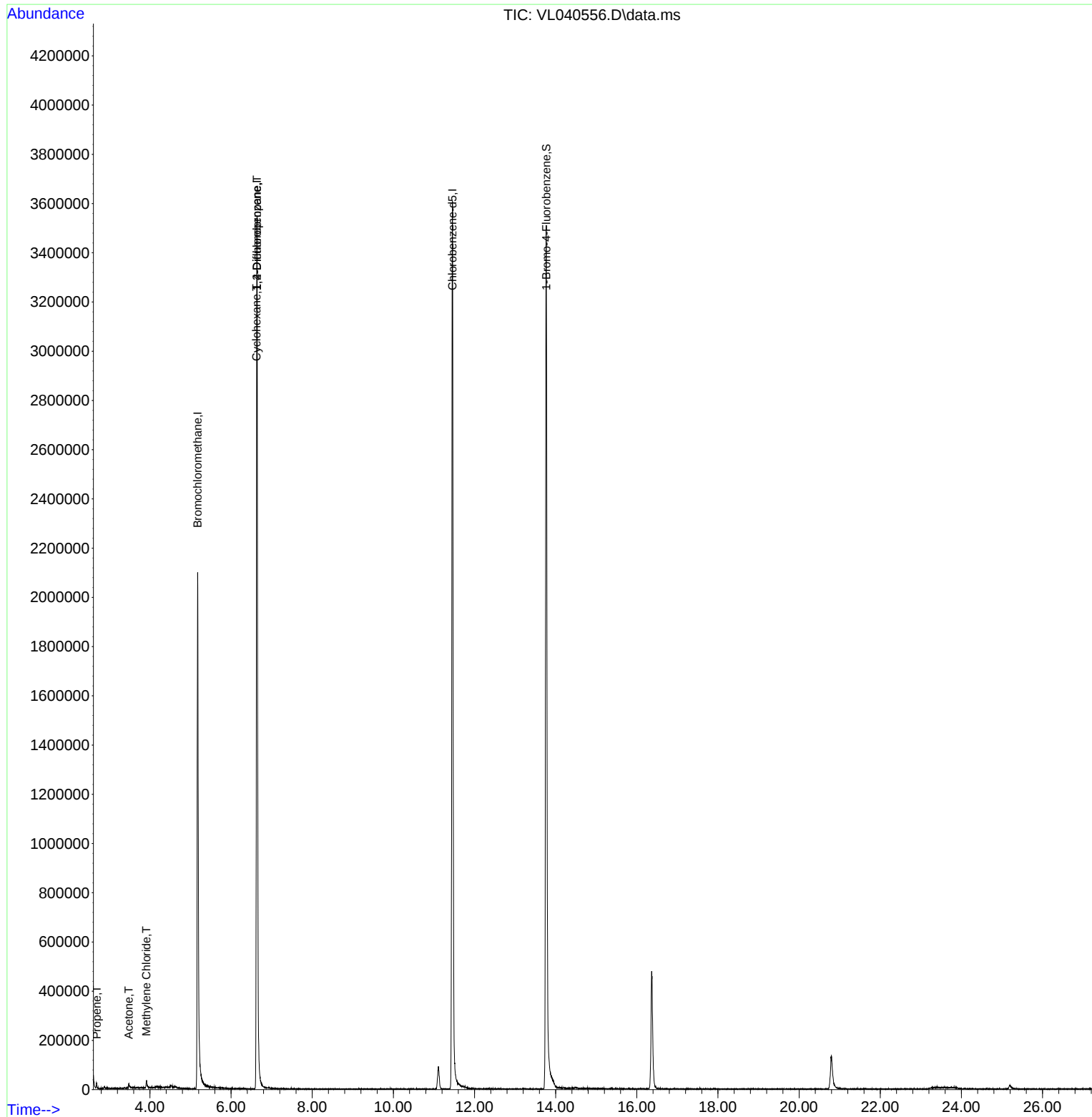
Internal Standards						
1) Bromochloromethane	5.176	49	1024372	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2713903	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	2314504	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1823986	9.957	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
9) Propene	2.690	41	2343	0.042	ppbv #	15
15) Acetone	3.478	43	15652	0.133	ppbv #	58
20) Methylene Chloride	3.915	84	8248	0.164	ppbv #	72
30) Cyclohexane	6.629	84	5660	0.065	ppbv #	1
39) 1,2-Dichloropropane	6.639	63	668346	7.951	ppbv #	26

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

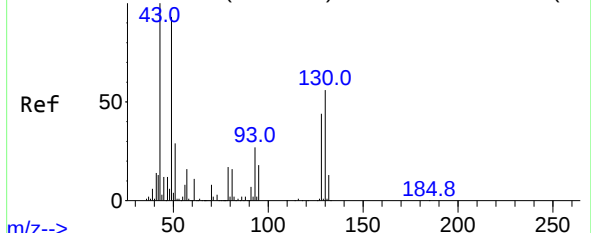
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
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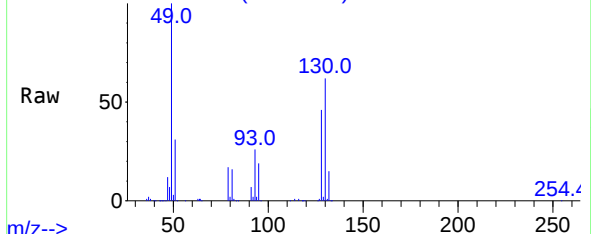


Abundance Scan 804 (5.189 min): VL040455.D\data.ms (-78)



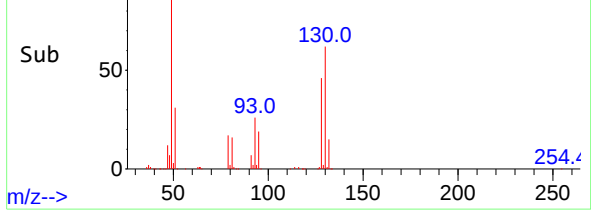
m/z-->

Abundance Scan 800 (5.176 min): VL040556.D\data.ms



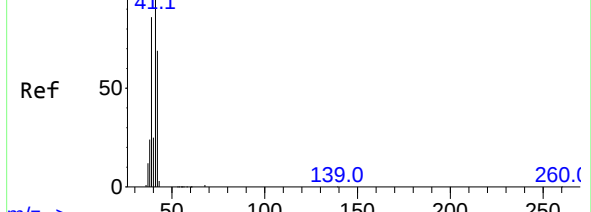
m/z-->

Abundance Scan 800 (5.176 min): VL040556.D\data.ms (-65)



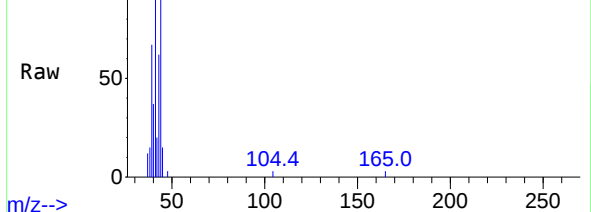
m/z-->

Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



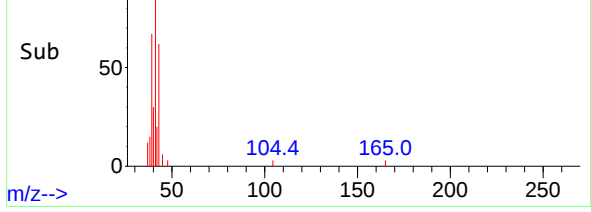
m/z-->

Abundance Scan 27 (2.690 min): VL040556.D\data.ms



m/z-->

Abundance Scan 27 (2.690 min): VL040556.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.176 min Scan# 80

Delta R.T. -0.026 min

Lab File: VL040556.D

Acq: 27 Jul 2023 1:25

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 49 Resp: 1024372

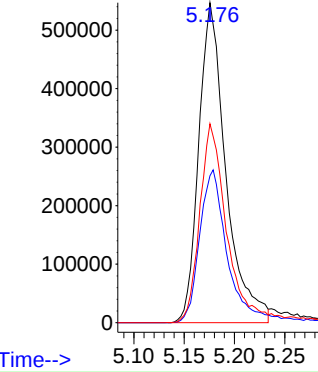
Ion Ratio Lower Upper

49 100

128 50.6 25.1 75.4

130 66.1 31.6 94.7

Abundance



Time-->

#9

Propene

Concen: 0.042 ppbv

RT: 2.690 min Scan# 27

Delta R.T. -0.013 min

Lab File: VL040556.D

Acq: 27 Jul 2023 1:25

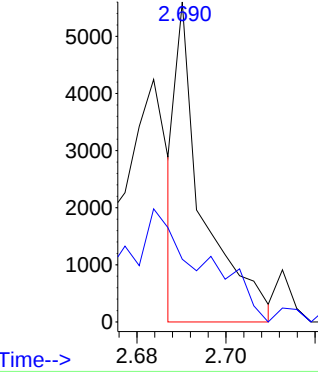
Tgt Ion: 41 Resp: 2343

Ion Ratio Lower Upper

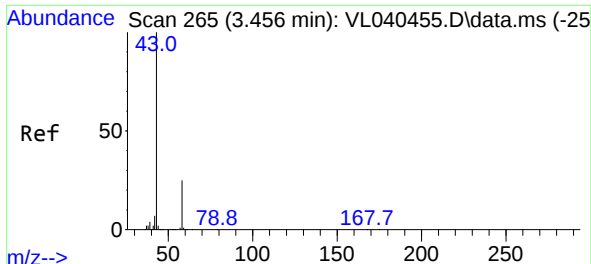
41 100

42 0.0 55.0 82.6#

Abundance



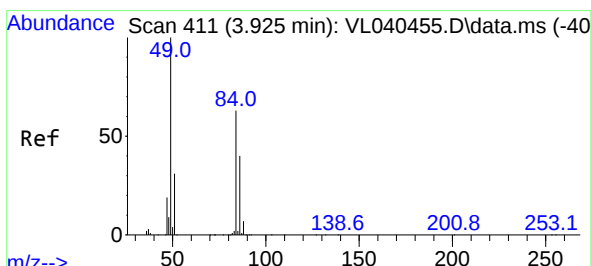
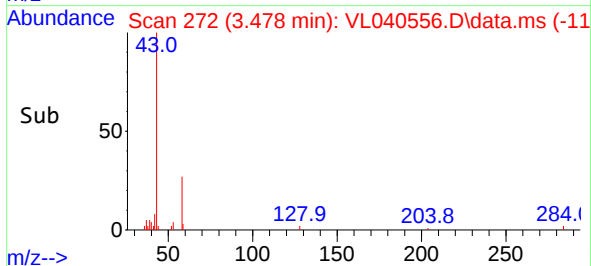
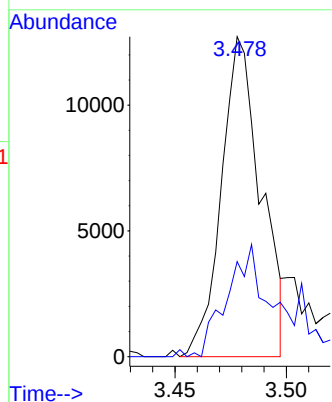
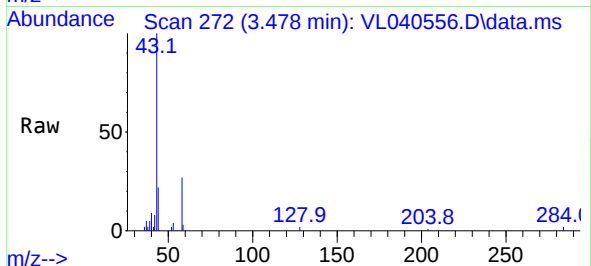
Time-->



#15
Acetone
Concen: 0.133 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040556.D
Acq: 27 Jul 2023 1:25

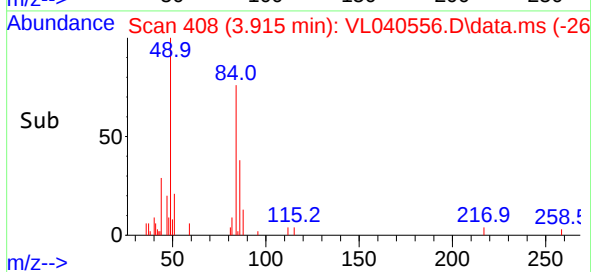
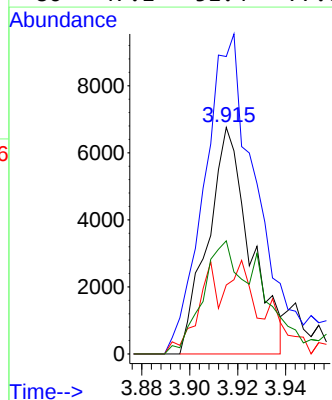
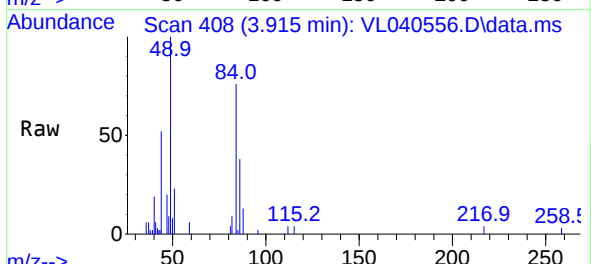
Instrument :
MSVOA_L
ClientSampleId :

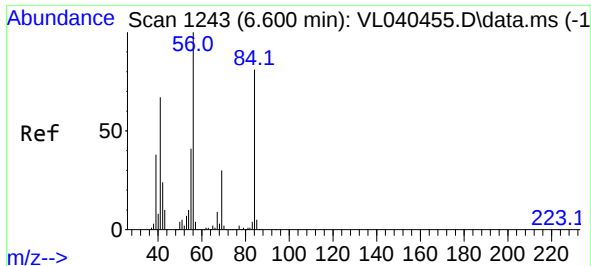
Tgt Ion: 43 Resp: 15652
Ion Ratio Lower Upper
43 100
58 51.2 22.9 34.3#



#20
Methylene Chloride
Concen: 0.164 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.026 min
Lab File: VL040556.D
Acq: 27 Jul 2023 1:25

Tgt Ion: 84 Resp: 8248
Ion Ratio Lower Upper
84 100
49 115.3 123.4 185.2#
51 26.6 38.3 57.5#
86 47.1 51.4 77.0#

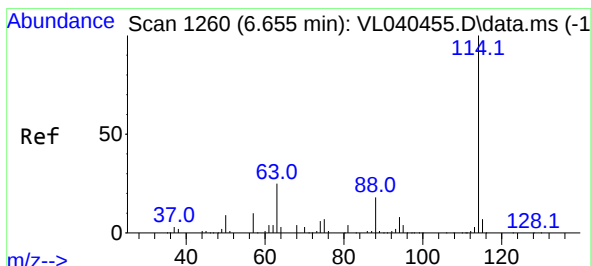
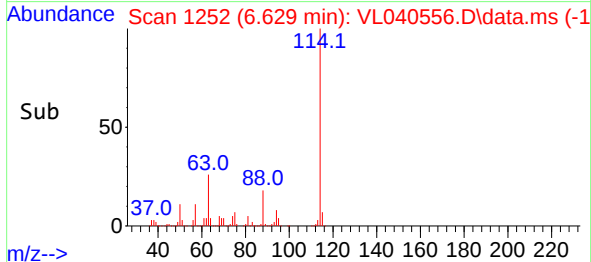
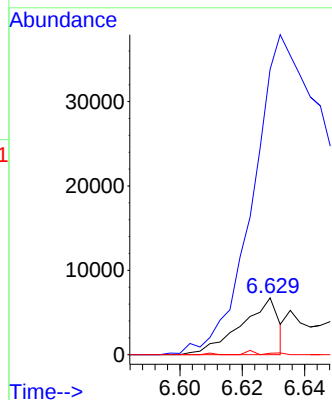
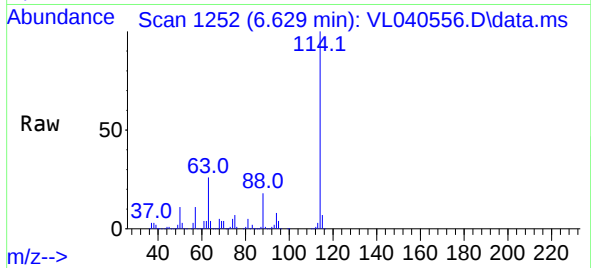




#30
Cyclohexane
Concen: 0.065 ppbv
RT: 6.629 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL040556.D
Acq: 27 Jul 2023 1:25

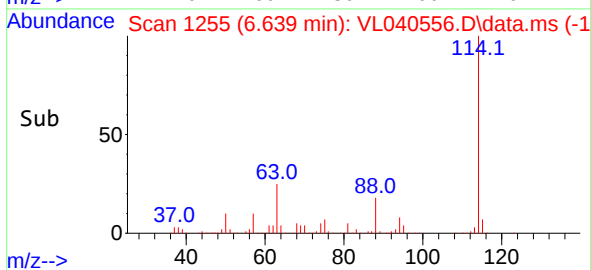
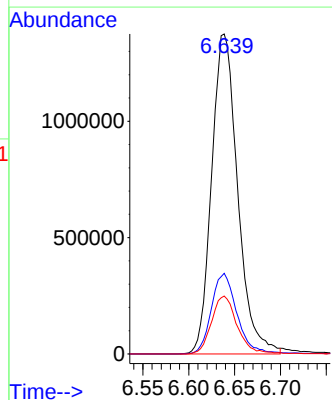
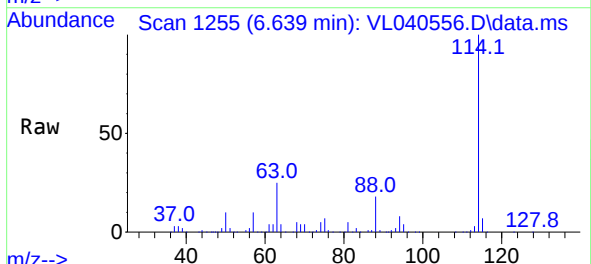
Instrument :
MSVOA_L
ClientSampleId :

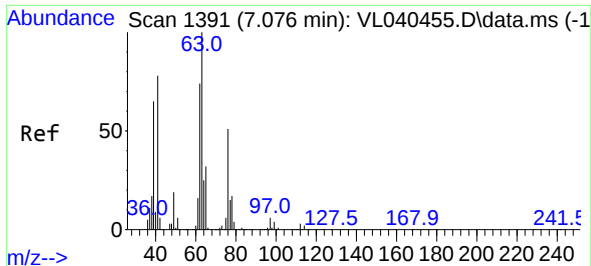
Tgt Ion: 84 Resp: 5660
Ion Ratio Lower Upper
84 100
56 0.0 108.7 163.1#
41 3.7 64.5 96.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.026 min
Lab File: VL040556.D
Acq: 27 Jul 2023 1:25

Tgt Ion: 114 Resp: 2713903
Ion Ratio Lower Upper
114 100
63 25.3 19.6 29.4
88 18.1 14.2 21.2





#39

1,2-Dichloropropane

Concen: 7.951 ppbv

RT: 6.639 min Scan# 1

Delta R.T. -0.444 min

Lab File: VL040556.D

Acq: 27 Jul 2023 1:25

Instrument :

MSVOA_L

ClientSampleId :

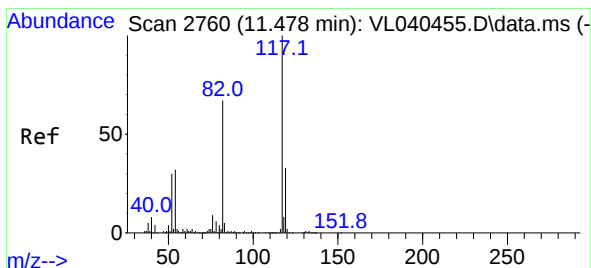
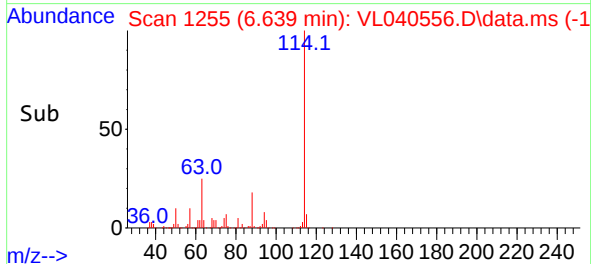
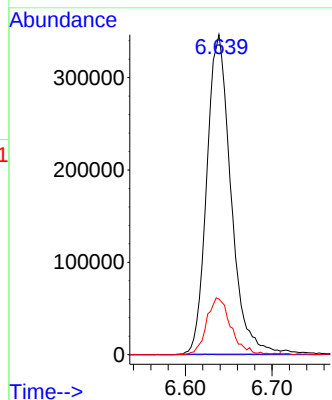
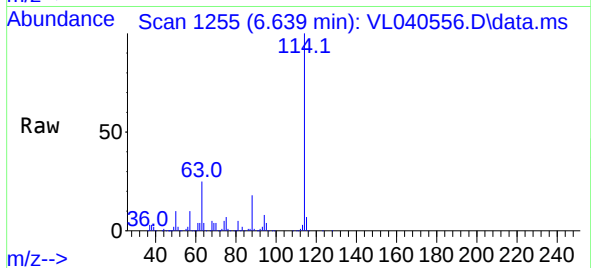
Tgt Ion: 63 Resp: 668346

Ion Ratio Lower Upper

63 100

41 0.0 54.3 81.5#

62 17.4 55.6 83.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. -0.023 min

Lab File: VL040556.D

Acq: 27 Jul 2023 1:25

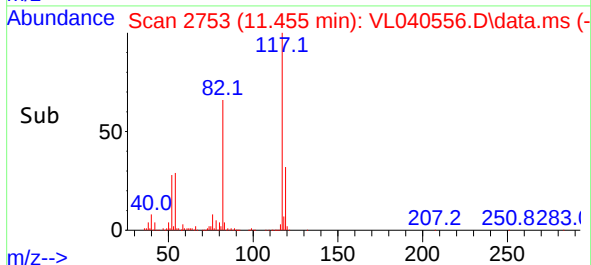
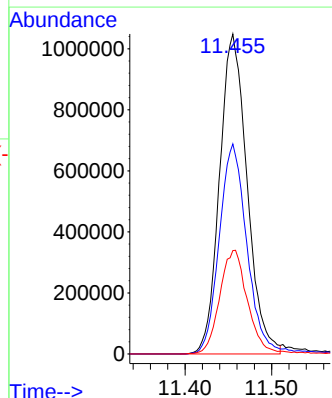
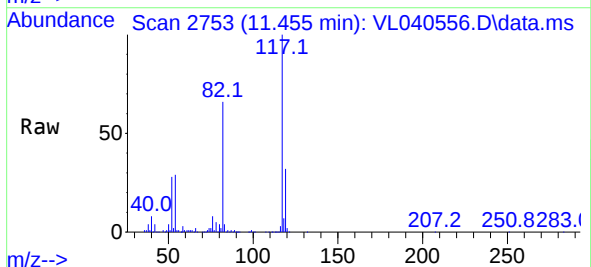
Tgt Ion: 117 Resp: 2314504

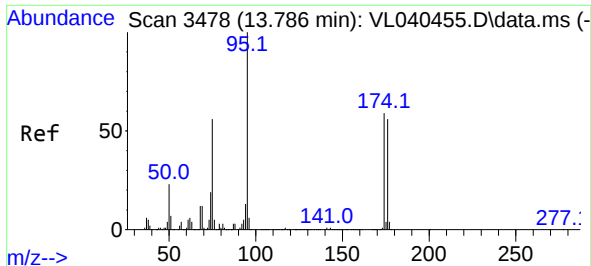
Ion Ratio Lower Upper

117 100

82 67.6 50.2 75.4

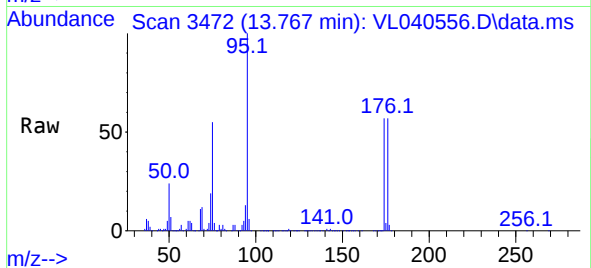
119 33.2 26.9 40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.957 ppbv
RT: 13.767 min Scan# 34
Delta R.T. -0.016 min
Lab File: VL040556.D
Acq: 27 Jul 2023 1:25

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 95 Resp: 1823986
Ion Ratio Lower Upper
95 100
174 62.1 50.6 75.8
175 4.5 3.7 5.5

